

**Genome-wide significant SNPs associated with Hand OA (P value <5×10<sup>-8</sup>)**

SNP	A1	A2	Beta	NSE	P
rs191063069	A	T	0.65	0.03	1.34E-92
rs142171757	A	G	0.65	0.03	1.61E-92
rs147874427	G	A	0.65	0.03	1.61E-92
rs144345345	A	G	0.65	0.03	1.80E-92
rs192899101	T	A	0.65	0.03	1.83E-92
rs115759433	C	T	0.65	0.03	1.87E-92
rs189879009	T	G	0.65	0.03	1.92E-92
rs535796166	C	T	3.09	0.16	3.60E-83
rs180988626	T	A	0.78	0.04	6.29E-78
rs115279010	T	C	0.42	0.02	7.54E-78
rs72948914	T	C	0.9	0.04	1.06E-77
rs115326654	C	G	0.95	0.05	2.03E-76
rs562882408	T	C	1.42	0.07	9.84E-73
rs145761668	T	C	0.89	0.04	1.83E-72
rs373388151	G	C	0.7	0.03	3.71E-72
rs148377777	C	T	0.99	0.05	3.15E-71
rs139697378	G	A	3.22	0.18	3.74E-71
rs141939360	A	C	0.99	0.05	2.43E-70
rs561852014	A	G	0.99	0.05	2.45E-70
rs374224786	G	A	0.99	0.05	2.49E-70
rs186005374	G	A	0.99	0.05	3.06E-70
rs150699817	T	C	1.26	0.07	3.15E-70
rs542723438	A	G	1.26	0.07	3.44E-70
rs139364182	A	G	0.98	0.05	4.24E-70
rs140253224	A	G	0.98	0.05	4.45E-70
rs112991943	T	A	1.71	0.09	4.67E-70
rs115593244	G	A	0.99	0.05	4.74E-70
rs191028542	C	G	0.98	0.05	4.75E-70
rs141366833	T	C	1.09	0.06	5.00E-70
rs79214872	C	T	0.98	0.05	6.49E-70
rs10267998	G	C	0.98	0.05	7.22E-70
rs191585730	G	A	2.85	0.16	7.26E-70
rs183350846	A	G	1.73	0.09	7.58E-70
rs187627677	G	A	1.59	0.09	8.39E-70
rs146845269	C	T	0.98	0.05	8.54E-70
rs375188569	G	A	0.98	0.05	8.94E-70
rs563733456	A	G	0.98	0.05	9.38E-70
rs140955710	A	G	0.98	0.05	1.03E-69
rs111775065	T	C	0.98	0.05	1.15E-69
rs113666640	A	C	0.98	0.05	1.15E-69
rs113186569	C	T	0.98	0.05	1.15E-69
rs73371449	A	C	0.98	0.05	1.15E-69
rs188775425	A	C	0.98	0.05	1.15E-69
rs73371454	C	A	0.98	0.05	1.15E-69
rs61577818	C	T	0.98	0.05	1.15E-69
rs535474379	T	C	0.98	0.05	1.15E-69
rs112269164	C	T	0.98	0.05	1.15E-69
rs73371494	C	A	0.98	0.05	1.15E-69
rs111274617	G	A	0.98	0.05	1.15E-69
rs60861525	G	T	0.98	0.05	1.15E-69
rs73373306	C	G	0.98	0.05	1.15E-69
rs73373337	T	A	0.98	0.05	1.15E-69
rs111656465	C	T	0.98	0.05	1.15E-69
rs111973596	G	A	0.98	0.05	1.15E-69
rs113853628	C	T	0.98	0.05	1.16E-69
rs111415254	G	A	0.98	0.05	1.16E-69
rs59162617	G	T	0.98	0.05	1.16E-69
rs112033817	G	A	0.98	0.05	1.16E-69
rs58437050	A	G	0.98	0.05	1.16E-69

rs73375308	T	C	0.98	0.05	1.16E-69
rs73375312	C	T	0.98	0.05	1.16E-69
rs113084242	C	T	0.98	0.05	1.16E-69
rs73375336	C	T	0.98	0.05	1.16E-69
rs73375341	C	T	0.98	0.05	1.16E-69
rs557231998	A	G	0.98	0.05	1.16E-69
rs57116165	C	G	0.98	0.05	1.16E-69
rs113855436	C	T	0.98	0.05	1.16E-69
rs527544184	T	C	0.98	0.05	1.17E-69
rs112484637	G	C	0.98	0.05	1.17E-69
rs113962910	A	G	0.98	0.05	1.18E-69
rs73375369	T	G	0.98	0.05	1.18E-69
rs73377565	T	A	0.98	0.05	1.19E-69
rs73377576	T	C	0.98	0.05	1.19E-69
rs111234762	T	C	0.98	0.05	1.19E-69
rs111529645	G	A	0.98	0.05	1.19E-69
rs113777208	T	C	0.98	0.05	1.19E-69
rs113076556	G	A	0.98	0.05	1.19E-69
rs73379714	A	G	0.98	0.05	1.19E-69
rs73375381	T	A	0.98	0.05	1.20E-69
rs73375386	A	G	0.98	0.05	1.20E-69
rs73377516	T	C	0.98	0.05	1.20E-69
rs73377532	T	C	0.98	0.05	1.20E-69
rs113870627	T	A	0.98	0.05	1.20E-69
rs111576461	G	A	0.98	0.05	1.20E-69
rs73377596	G	A	0.98	0.05	1.20E-69
rs112711790	G	C	0.98	0.05	1.21E-69
rs73379717	T	C	0.98	0.05	1.21E-69
rs112831044	T	C	0.98	0.05	1.23E-69
rs74589094	G	A	0.98	0.05	1.24E-69
rs73375346	A	G	1.48	0.08	1.25E-69
rs111267092	T	C	0.99	0.05	1.32E-69
rs9811893	C	T	1.2	0.06	1.34E-69
rs145182061	T	A	1.42	0.08	1.48E-69
rs185899519	A	C	0.98	0.05	1.49E-69
rs183526131	G	A	0.98	0.05	1.52E-69
rs183709670	T	G	0.98	0.05	1.56E-69
rs531592863	T	C	0.98	0.05	1.66E-69
rs141023750	A	G	1.08	0.06	1.84E-69
rs575247386	A	G	1.12	0.06	1.84E-69
rs545586484	T	C	0.98	0.05	2.05E-69
rs60492513	A	G	0.98	0.05	2.09E-69
rs138857101	C	T	0.98	0.05	2.09E-69
rs148948488	G	A	0.98	0.05	2.18E-69
rs538771851	A	C	0.98	0.05	2.18E-69
rs561332171	T	A	0.98	0.05	2.24E-69
rs116286081	T	C	0.97	0.05	2.39E-69
rs533934438	A	G	0.97	0.05	2.80E-69
rs531510622	C	T	0.98	0.05	2.82E-69
rs375642851	A	G	0.93	0.05	2.89E-69
rs73377547	A	G	0.98	0.05	3.20E-69
rs544436966	T	C	1.18	0.06	3.23E-69
rs543484074	C	A	0.98	0.05	3.36E-69
rs138601557	C	T	0.98	0.05	3.39E-69
rs149790611	T	C	1.26	0.07	3.46E-69
rs116032134	A	G	1.18	0.06	3.75E-69
rs180790090	C	A	0.97	0.05	4.02E-69
rs371273560	C	T	0.97	0.05	4.02E-69
rs566855976	C	A	0.97	0.05	4.02E-69
rs369406450	T	A	0.97	0.05	4.14E-69
rs141810387	T	G	1.01	0.05	4.23E-69



rs149290131	T	A	0.97	0.05	4.61E-69
rs148852695	G	A	1.12	0.06	5.21E-69
rs141013929	A	C	1.15	0.06	5.53E-69
rs561159609	G	T	1.46	0.08	5.90E-69
rs559501176	G	C	0.96	0.05	5.96E-69
rs142508742	A	T	1.02	0.05	6.09E-69
rs6441668	T	C	0.97	0.05	6.30E-69
rs6793903	C	A	0.97	0.05	6.30E-69
rs149203824	T	C	1.46	0.08	7.42E-69
rs73099726	T	C	0.95	0.05	7.44E-69
rs147520958	A	C	1.25	0.07	7.44E-69
rs116473680	C	A	1.46	0.08	7.81E-69
rs375589938	C	T	0.97	0.05	7.84E-69
rs181701732	A	G	2.56	0.14	7.96E-69
rs149984016	C	T	1.04	0.05	8.44E-69
rs142629624	C	T	0.96	0.05	8.48E-69
rs531283896	T	C	1.17	0.06	9.04E-69
rs114157515	G	A	0.97	0.05	9.24E-69
rs371580817	C	T	0.97	0.05	9.34E-69
rs538102237	C	T	0.97	0.05	1.01E-68
rs550188039	C	T	0.97	0.05	1.01E-68
rs373432532	A	G	0.97	0.05	1.04E-68
rs138828203	T	C	0.97	0.05	1.10E-68
rs560589803	G	A	0.96	0.05	1.14E-68
rs111322489	A	C	0.97	0.05	1.21E-68
rs561280754	A	G	0.97	0.05	1.26E-68
rs116610214	T	A	0.97	0.05	1.41E-68
rs187934264	T	C	0.97	0.05	1.46E-68
rs532799171	A	G	1.05	0.06	1.49E-68
rs114505367	A	G	1	0.05	1.54E-68
rs552267697	A	T	0.97	0.05	1.60E-68
rs542584172	A	T	0.97	0.05	1.60E-68
rs190565052	A	C	0.96	0.05	1.63E-68
rs140250827	A	G	1.33	0.07	1.83E-68
rs58695350	A	G	0.95	0.05	1.87E-68
rs114530018	T	C	0.97	0.05	1.87E-68
rs138254278	T	C	0.97	0.05	1.89E-68
rs150045895	G	A	1.32	0.07	1.91E-68
rs186391172	G	T	0.97	0.05	2.03E-68
rs145919595	T	G	0.97	0.05	2.07E-68
rs192367280	A	T	0.97	0.05	2.07E-68
rs188822584	A	G	2.83	0.16	2.09E-68
rs190209295	A	G	1.41	0.08	2.21E-68
rs116586339	G	T	0.97	0.05	2.22E-68
rs187445936	T	C	0.95	0.05	2.32E-68
rs182455894	A	C	0.97	0.05	2.36E-68
rs183011799	G	C	1.45	0.08	2.41E-68
rs116525185	T	C	0.49	0.02	2.48E-68
rs186453990	A	G	0.96	0.05	2.55E-68
rs113337123	C	G	1.02	0.05	2.59E-68
rs148996795	G	A	0.96	0.05	2.84E-68
rs191211581	A	G	0.96	0.05	2.87E-68
rs146732936	G	C	0.94	0.05	2.92E-68
rs142637894	G	T	1.06	0.06	2.98E-68
rs148481134	C	T	1.06	0.06	2.99E-68
rs376429733	C	A	1	0.05	3.08E-68
rs138493881	C	T	1.07	0.06	3.17E-68
rs116221375	G	A	0.95	0.05	3.24E-68
rs144042062	A	G	1.02	0.05	3.43E-68
rs190803151	G	A	0.96	0.05	4.22E-68
rs77825811	G	A	0.97	0.05	4.23E-68

rs191472192	T	C	0.96	0.05	4.26E-68
rs138851555	G	T	0.98	0.05	4.26E-68
rs145910733	C	G	1.67	0.09	4.26E-68
rs189172205	T	C	0.96	0.05	4.48E-68
rs189792117	C	T	0.97	0.05	4.80E-68
rs528883491	C	T	1.01	0.05	5.27E-68
rs527677527	A	G	1.38	0.07	5.59E-68
rs532319121	G	A	0.94	0.05	5.68E-68
rs377126389	G	A	0.96	0.05	5.90E-68
rs115327308	G	A	0.96	0.05	5.96E-68
rs73797542	G	A	1.35	0.07	6.27E-68
rs568000330	T	A	0.96	0.05	6.34E-68
rs530884665	A	G	0.95	0.05	6.40E-68
rs188722274	T	A	1.01	0.05	6.93E-68
rs577806992	T	A	0.95	0.05	8.26E-68
rs554073159	A	T	0.96	0.05	8.42E-68
rs571783108	T	C	7.38	0.42	1.01E-67
rs574038619	T	C	1.02	0.05	1.16E-67
rs372325868	T	C	0.95	0.05	1.18E-67
rs75073743	G	A	0.93	0.05	1.19E-67
rs535107438	C	T	0.94	0.05	1.22E-67
rs548932410	C	T	1.17	0.06	1.23E-67
rs144084824	A	G	0.95	0.05	1.31E-67
rs184039144	C	T	0.94	0.05	1.42E-67
rs141026990	G	T	1.62	0.09	1.50E-67
rs191253456	A	G	0.96	0.05	1.52E-67
rs183625131	T	G	2.18	0.12	1.59E-67
rs150672611	T	C	0.47	0.02	1.66E-67
rs143134640	C	T	1.85	0.1	1.80E-67
rs192379264	T	G	0.95	0.05	1.83E-67
rs9875802	T	C	0.95	0.05	1.94E-67
rs532016697	A	C	1.16	0.06	1.95E-67
rs76989558	C	T	0.94	0.05	2.16E-67
rs142533908	T	C	1.95	0.11	2.56E-67
rs548945455	T	A	2.64	0.15	2.68E-67
rs191513857	C	T	0.94	0.05	2.86E-67
rs139158346	T	A	0.95	0.05	2.96E-67
rs112556017	T	G	1.01	0.05	3.28E-67
rs143864539	C	T	0.95	0.05	3.32E-67
rs530621537	T	A	0.95	0.05	4.27E-67
rs138207050	C	G	1.95	0.11	4.30E-67
rs75888015	T	C	0.94	0.05	4.32E-67
rs536050720	C	G	0.98	0.05	4.37E-67
rs139207378	T	C	0.95	0.05	4.71E-67
rs149651743	G	C	0.95	0.05	4.71E-67
rs114795540	A	C	1.87	0.1	4.99E-67
rs192244967	T	G	0.94	0.05	5.16E-67
rs200118830	A	C	3.23	0.18	5.48E-67
rs146928736	A	G	0.94	0.05	5.69E-67
rs141703740	C	G	0.94	0.05	5.73E-67
rs142455035	C	G	1.21	0.07	5.77E-67
rs114714736	G	T	0.94	0.05	6.11E-67
rs145273780	C	T	1.48	0.08	6.12E-67
rs144979769	G	A	1.49	0.08	6.53E-67
rs143132098	A	C	0.94	0.05	6.82E-67
rs148160754	T	C	1.5	0.08	6.88E-67
rs145437169	G	T	0.94	0.05	7.23E-67
rs147256304	G	C	0.95	0.05	7.63E-67
rs1437984	A	T	1.49	0.08	7.67E-67
rs532567079	G	C	0.94	0.05	8.07E-67
rs148461698	A	G	1.17	0.06	8.33E-67

rs184183432	T	C	0.94	0.05	8.76E-67
rs150242713	G	C	1.5	0.08	9.88E-67
rs539400817	C	T	4.54	0.26	1.19E-66
rs147001739	A	G	0.95	0.05	1.27E-66
rs188219722	C	T	0.93	0.05	1.27E-66
rs150536859	T	C	7.08	0.41	1.28E-66
rs113065554	A	T	0.93	0.05	1.39E-66
rs146793966	A	G	1.49	0.08	1.41E-66
rs145179196	C	T	1.43	0.08	1.41E-66
rs184655093	A	T	0.93	0.05	1.42E-66
rs111455472	A	G	0.87	0.05	1.53E-66
rs112805909	T	C	0.93	0.05	1.61E-66
rs111533292	C	T	0.93	0.05	1.70E-66
rs113960781	C	T	0.93	0.05	1.82E-66
rs141824115	T	G	1.01	0.05	1.83E-66
rs182652324	T	A	0.94	0.05	1.89E-66
rs555549470	C	T	1.05	0.06	1.99E-66
rs148703032	G	C	0.93	0.05	2.02E-66
rs181900991	A	G	1.06	0.06	2.10E-66
rs191231735	G	A	1.06	0.06	2.10E-66
rs540430134	A	G	1.7	0.09	2.70E-66
rs183118930	T	C	1	0.05	2.84E-66
rs187365757	T	G	1.29	0.07	3.18E-66
rs373729905	A	C	0.93	0.05	3.25E-66
rs114667759	C	T	0.92	0.05	3.68E-66
rs147967080	A	G	0.93	0.05	3.75E-66
rs188997726	A	G	0.95	0.05	3.86E-66
rs138974659	G	C	0.93	0.05	4.17E-66
rs180759457	A	G	0.93	0.05	4.29E-66
rs142856963	G	A	1.91	0.11	4.44E-66
rs141765574	T	C	1.16	0.06	4.51E-66
rs150416307	C	T	1.39	0.08	4.68E-66
rs531225551	T	C	0.94	0.05	4.71E-66
rs182643124	T	C	0.98	0.05	4.95E-66
rs187977187	T	G	0.98	0.05	4.98E-66
rs188095985	T	G	0.98	0.05	5.03E-66
rs376238580	A	G	0.93	0.05	6.15E-66
rs141461072	A	C	0.94	0.05	6.25E-66
rs546878364	A	G	0.93	0.05	6.65E-66
rs113368994	G	C	0.92	0.05	6.74E-66
rs539114337	A	G	0.91	0.05	7.49E-66
rs148604731	T	C	1.35	0.07	7.83E-66
rs116000954	C	T	0.97	0.05	8.16E-66
rs185123355	T	G	0.93	0.05	9.86E-66
rs181065700	G	C	2.73	0.15	1.27E-65
rs192913683	T	C	1.01	0.05	1.40E-65
rs544075588	C	T	1.09	0.06	1.51E-65
rs148671767	A	T	1.9	0.11	1.60E-65
rs114029297	A	C	1.9	0.11	1.60E-65
rs80324457	C	T	1.9	0.11	1.60E-65
rs138178803	G	A	0.97	0.05	1.63E-65
rs116168031	C	G	1.9	0.11	1.66E-65
rs180728633	G	C	3.3	0.19	1.78E-65
rs186578249	C	G	1.96	0.11	1.92E-65
rs150002754	C	A	1.46	0.08	1.94E-65
rs549097405	T	C	0.92	0.05	1.98E-65
rs139531930	C	G	0.92	0.05	2.26E-65
rs114082660	G	T	0.92	0.05	2.34E-65
rs148479284	T	C	1.9	0.11	2.46E-65
rs144333093	A	C	1.9	0.11	2.46E-65
rs72921749	C	T	1.02	0.05	2.47E-65

rs137856459	C	T	1.9	0.11	2.56E-65
rs182174199	G	A	0.92	0.05	2.70E-65
rs182598998	C	T	1.58	0.09	2.70E-65
rs191684248	T	C	2.14	0.12	3.04E-65
rs144087563	A	T	0.92	0.05	3.06E-65
rs138199333	C	T	0.92	0.05	3.06E-65
rs181088562	A	G	0.92	0.05	3.07E-65
rs146982104	G	C	1.34	0.07	3.09E-65
rs114748075	A	G	1.13	0.06	3.13E-65
rs115733928	G	C	1.11	0.06	3.19E-65
rs139286367	G	T	4.53	0.26	3.35E-65
rs570499909	A	G	0.91	0.05	3.41E-65
rs114380777	A	G	0.92	0.05	3.69E-65
rs182502999	G	A	1.23	0.07	3.80E-65
rs4529491	T	G	1.87	0.11	3.92E-65
rs147048186	G	T	0.92	0.05	3.97E-65
rs149568573	G	A	0.91	0.05	4.35E-65
rs76751097	G	A	0.92	0.05	4.37E-65
rs546718148	A	C	0.93	0.05	4.50E-65
rs143584915	G	A	0.92	0.05	4.84E-65
rs150892071	C	T	0.92	0.05	5.13E-65
rs115815095	G	A	1.1	0.06	5.98E-65
rs141856619	A	G	1.98	0.11	7.15E-65
rs114439613	G	A	0.96	0.05	7.92E-65
rs150714306	T	C	0.92	0.05	8.18E-65
rs189643197	A	G	1.65	0.09	8.74E-65
rs144847846	A	T	0.91	0.05	9.08E-65
rs149399748	A	G	0.93	0.05	9.17E-65
rs139107312	T	C	0.93	0.05	9.55E-65
rs145666003	G	T	2.13	0.12	9.81E-65
rs183551266	T	G	0.91	0.05	9.83E-65
rs80008131	T	C	0.9	0.05	1.27E-64
rs568477943	G	A	0.72	0.04	1.46E-64
rs147760010	T	G	1.08	0.06	2.03E-64
rs138072678	T	C	0.93	0.05	2.04E-64
rs182232179	T	C	0.93	0.05	2.08E-64
rs184422309	A	T	0.92	0.05	2.10E-64
rs147705115	G	A	1.47	0.08	2.11E-64
rs58226588	A	C	0.89	0.05	2.16E-64
rs537520546	T	C	1.6	0.09	2.20E-64
rs144526345	T	C	0.91	0.05	2.62E-64
rs143589391	T	A	0.91	0.05	2.75E-64
rs148573558	C	G	1.85	0.1	3.11E-64
rs559476560	A	T	1.12	0.06	3.81E-64
rs114402757	G	A	1.05	0.06	5.19E-64
rs543044210	A	C	0.96	0.05	5.31E-64
rs183616635	T	C	0.94	0.05	6.56E-64
rs139803138	C	T	0.91	0.05	6.90E-64
rs192367910	T	G	1.94	0.11	7.74E-64
rs183634375	T	C	0.91	0.05	7.98E-64
rs146403967	C	T	2.25	0.13	9.57E-64
rs547375125	T	G	1.46	0.08	1.00E-63
rs113020781	C	T	0.9	0.05	1.05E-63
rs147317273	C	A	1.41	0.08	1.09E-63
rs557522603	T	C	0.9	0.05	1.11E-63
rs558770627	T	G	1.38	0.08	1.16E-63
rs144545309	A	G	2.73	0.16	1.19E-63
rs376304801	T	C	1.09	0.06	1.20E-63
rs183326450	C	G	0.88	0.05	1.24E-63
rs185295803	A	G	0.88	0.05	1.26E-63
rs115482214	A	G	0.9	0.05	1.29E-63

rs139925598	A	G	2.27	0.13	1.42E-63
rs554044851	T	C	1.45	0.08	1.45E-63
rs140411730	A	G	0.96	0.05	1.46E-63
rs188936846	T	C	1.38	0.08	1.51E-63
rs548286128	G	A	0.8	0.04	1.86E-63
rs192302604	G	T	0.89	0.05	2.02E-63
rs144355779	T	C	0.91	0.05	2.18E-63
rs192243080	G	A	0.91	0.05	2.19E-63
rs555420182	C	T	0.91	0.05	2.19E-63
rs551270798	A	C	1.02	0.06	2.25E-63
rs140332864	A	C	1	0.05	3.19E-63
rs150804536	C	G	1.14	0.06	3.20E-63
rs192533732	G	A	0.89	0.05	3.36E-63
rs142553347	G	C	1.88	0.11	3.92E-63
rs116455887	G	A	0.84	0.05	4.00E-63
rs182986461	A	G	0.89	0.05	4.00E-63
rs148411983	T	G	0.88	0.05	4.83E-63
rs115511785	T	C	1.15	0.06	5.02E-63
rs187842028	G	A	0.97	0.05	5.76E-63
rs111597766	T	C	0.89	0.05	6.05E-63
rs570821554	C	G	0.83	0.04	6.38E-63
rs151087548	A	T	0.89	0.05	7.16E-63
rs138396167	A	G	0.89	0.05	7.51E-63
rs182965197	T	C	0.89	0.05	8.55E-63
rs113122140	C	T	1.23	0.07	8.66E-63
rs374006365	G	A	0.85	0.05	9.56E-63
rs368748838	G	A	0.89	0.05	9.61E-63
rs183715642	C	T	0.89	0.05	9.90E-63
rs186282181	A	G	0.91	0.05	1.08E-62
rs557771822	T	C	0.93	0.05	1.30E-62
rs145923949	T	C	0.92	0.05	1.35E-62
rs112893587	C	T	0.93	0.05	2.12E-62
rs553831173	A	G	0.87	0.05	2.32E-62
rs75915243	A	G	0.88	0.05	2.71E-62
rs138559615	C	A	0.88	0.05	3.04E-62
rs368592989	A	G	0.63	0.03	3.30E-62
rs73379740	C	T	0.88	0.05	3.35E-62
rs144758106	C	T	0.88	0.05	3.61E-62
rs186235766	T	C	4.57	0.27	3.91E-62
rs138363678	T	C	0.87	0.05	4.07E-62
rs139043048	T	C	0.87	0.05	4.19E-62
rs75728770	A	G	0.88	0.05	4.75E-62
rs55671183	A	G	0.87	0.05	5.23E-62
rs138074193	C	T	0.87	0.05	5.48E-62
rs190859611	C	G	0.48	0.02	6.64E-62
rs190162571	A	G	0.87	0.05	6.76E-62
rs139998646	A	G	0.91	0.05	6.89E-62
rs10233252	C	T	0.87	0.05	7.20E-62
rs139973222	T	C	0.87	0.05	7.22E-62
rs75011924	C	G	1.02	0.06	7.42E-62
rs141756415	T	C	1.01	0.06	1.22E-61
rs149133415	A	C	1.01	0.06	1.22E-61
rs531001544	A	T	1.01	0.06	1.22E-61
rs561552723	C	T	0.86	0.05	1.24E-61
rs60492754	G	A	0.87	0.05	1.30E-61
rs549135736	A	G	1.33	0.08	1.37E-61
rs557152342	T	G	1.33	0.08	1.37E-61
rs181688466	C	T	1.01	0.06	1.43E-61
rs183724030	C	T	1.01	0.06	1.43E-61
rs190073617	G	C	1.01	0.06	1.43E-61
rs61229245	A	G	0.87	0.05	1.45E-61

rs537726745	T	C	2.49	0.15	1.46E-61
rs576001299	G	A	0.44	0.02	1.50E-61
rs184537126	A	G	0.88	0.05	1.57E-61
rs373876093	A	T	0.86	0.05	1.64E-61
rs191537758	A	G	1.02	0.06	1.72E-61
rs530340289	G	A	0.87	0.05	1.87E-61
rs184212612	A	G	1.02	0.06	1.98E-61
rs140933351	A	C	0.91	0.05	2.06E-61
rs139381617	G	T	0.87	0.05	2.14E-61
rs144201528	G	A	0.86	0.05	2.16E-61
rs78268985	G	C	0.86	0.05	2.37E-61
rs9491870	A	T	0.91	0.05	2.44E-61
rs147205630	C	T	0.86	0.05	2.99E-61
rs145853872	C	T	0.86	0.05	3.13E-61
rs566965286	A	G	1.32	0.08	3.45E-61
rs148078096	T	C	0.86	0.05	3.57E-61
rs547257269	A	C	0.86	0.05	4.21E-61
rs143438071	T	C	5.83	0.35	4.22E-61
rs183849152	A	G	1.18	0.07	4.43E-61
rs9491871	T	C	0.91	0.05	5.91E-61
rs145045884	G	A	0.87	0.05	5.98E-61
rs116352069	A	G	0.86	0.05	7.63E-61
rs141152900	A	T	0.87	0.05	9.22E-61
rs187147463	A	T	0.89	0.05	9.48E-61
rs139006903	C	T	0.85	0.05	1.00E-60
rs563918784	T	G	0.9	0.05	1.34E-60
rs139576092	G	T	1.74	0.1	1.38E-60
rs78179615	A	T	0.91	0.05	1.57E-60
rs114681768	C	T	0.91	0.05	1.57E-60
rs536053033	G	C	0.85	0.05	1.63E-60
rs114586889	G	T	0.85	0.05	1.87E-60
rs182363521	C	A	1.18	0.07	1.88E-60
rs146585653	G	A	0.86	0.05	2.09E-60
rs191919183	A	G	1.05	0.06	2.15E-60
rs142842733	A	G	0.86	0.05	2.24E-60
rs116324126	A	G	0.85	0.05	2.43E-60
rs191714018	C	A	1.34	0.08	2.52E-60
rs578189126	T	A	10.32	0.63	2.81E-60
rs188835137	A	C	0.91	0.05	2.85E-60
rs528007451	A	G	0.85	0.05	3.76E-60
rs114703073	G	T	0.87	0.05	4.94E-60
rs186920709	T	C	1.5	0.09	4.96E-60
rs147662349	T	C	0.9	0.05	5.75E-60
rs9482840	T	C	0.9	0.05	5.75E-60
rs146073676	A	C	1.12	0.06	5.86E-60
rs183582933	A	G	4.16	0.25	6.12E-60
rs562829117	G	A	0.84	0.05	6.32E-60
rs149960456	T	G	1.05	0.06	6.41E-60
rs554385776	A	G	0.89	0.05	6.67E-60
rs145710795	A	G	1.06	0.06	6.70E-60
rs139015854	C	T	1.32	0.08	7.03E-60
rs181334633	C	G	0.84	0.05	7.03E-60
rs144605066	T	C	2.64	0.16	7.72E-60
rs139148655	C	G	0.78	0.04	8.56E-60
rs188480607	A	G	0.92	0.05	8.62E-60
rs116542622	G	A	0.83	0.05	8.74E-60
rs187096184	T	C	0.85	0.05	8.98E-60
rs559670657	C	G	0.84	0.05	1.11E-59
rs147273650	A	G	0.84	0.05	1.14E-59
rs184327249	T	C	0.91	0.05	1.20E-59
rs183452987	T	C	0.98	0.06	1.25E-59

rs191191831	T	C	0.84	0.05	1.42E-59
rs369402499	C	T	0.84	0.05	1.42E-59
rs564248235	T	G	0.84	0.05	1.54E-59
rs146537824	T	C	1.32	0.08	1.72E-59
rs146478035	A	G	0.83	0.05	1.74E-59
rs182898349	A	T	0.91	0.05	1.84E-59
rs535416564	G	C	0.73	0.04	1.88E-59
rs147802646	G	C	0.83	0.05	2.18E-59
rs558551921	A	G	0.89	0.05	2.47E-59
rs143254646	A	T	1.2	0.07	3.00E-59
rs145187844	A	C	2.03	0.12	3.78E-59
rs570006141	A	C	0.83	0.05	4.10E-59
rs149571449	C	A	0.83	0.05	4.15E-59
rs144618128	T	C	0.82	0.05	4.19E-59
rs149981452	T	C	0.82	0.05	4.92E-59
rs554968387	A	G	0.83	0.05	5.27E-59
rs184402051	G	A	1.31	0.08	5.42E-59
rs185952706	G	C	1.31	0.08	5.42E-59
rs116402063	T	C	0.83	0.05	5.89E-59
rs146272846	A	C	0.79	0.04	8.29E-59
rs144482857	A	G	0.85	0.05	8.84E-59
rs534640945	A	C	1.34	0.08	9.32E-59
rs372533521	A	G	0.64	0.04	9.98E-59
rs183511008	G	A	0.95	0.05	1.12E-58
rs187828391	T	C	1.13	0.07	1.38E-58
rs183068347	A	G	0.82	0.05	1.41E-58
rs575214775	G	T	0.82	0.05	1.47E-58
rs115320813	G	A	0.9	0.05	1.64E-58
rs185800961	C	G	0.82	0.05	1.82E-58
rs368526697	C	T	0.98	0.06	1.85E-58
rs184477949	G	A	0.83	0.05	2.64E-58
rs371527515	A	G	1.17	0.07	2.67E-58
rs146674969	T	A	0.82	0.05	2.95E-58
rs188775523	A	G	2.93	0.18	3.00E-58
rs190444722	C	T	0.84	0.05	3.34E-58
rs190728955	G	C	0.82	0.05	3.38E-58
rs569088992	G	A	2.33	0.14	3.44E-58
rs183694925	A	G	0.83	0.05	4.09E-58
rs143118168	T	A	1.07	0.06	4.11E-58
rs145384303	A	C	0.84	0.05	4.12E-58
rs193076000	T	A	0.82	0.05	4.30E-58
rs184914420	A	G	0.83	0.05	4.36E-58
rs150181385	T	C	0.82	0.05	5.69E-58
rs560773504	A	G	0.89	0.05	5.76E-58
rs540731995	T	C	0.81	0.05	6.65E-58
rs143133148	T	C	0.8	0.05	6.75E-58
rs16853068	G	A	0.82	0.05	7.67E-58
rs143099231	T	A	1.06	0.06	7.91E-58
rs143477443	A	G	1.45	0.09	8.22E-58
rs144873387	C	G	0.82	0.05	8.56E-58
rs112876353	A	G	2.34	0.14	8.95E-58
rs116261921	T	C	0.81	0.05	1.09E-57
rs543190567	A	G	1.04	0.06	1.24E-57
rs7824004	G	C	0.74	0.04	1.31E-57
rs542124051	C	G	0.82	0.05	1.76E-57
rs147897057	G	A	0.54	0.03	1.86E-57
rs184353911	C	A	1.08	0.06	1.87E-57
rs187227315	A	C	1.26	0.07	2.18E-57
rs190125974	T	C	1.15	0.07	2.25E-57
rs142773368	G	C	1.01	0.06	2.42E-57
rs77736716	C	T	0.81	0.05	2.70E-57

rs550378185	C	A	0.8	0.05	2.74E-57
rs192197671	A	G	0.8	0.05	2.97E-57
rs190589492	T	C	1.07	0.06	3.16E-57
rs189923617	C	G	5.72	0.35	3.20E-57
rs185099293	C	T	0.8	0.05	3.40E-57
rs150953357	T	C	0.8	0.05	3.66E-57
rs141614185	A	G	0.8	0.05	4.46E-57
rs184253274	C	A	0.8	0.05	4.63E-57
rs564187212	A	G	2.9	0.18	5.50E-57
rs113749179	A	G	0.99	0.06	5.54E-57
rs142955678	G	A	0.8	0.05	5.91E-57
rs547195855	C	T	3.79	0.23	6.00E-57
rs147563005	C	T	1.48	0.09	6.07E-57
rs189317416	C	T	1.48	0.09	6.07E-57
rs557727739	T	G	1.01	0.06	6.47E-57
rs190233280	T	C	0.8	0.05	7.21E-57
rs563962525	A	G	1.21	0.07	7.37E-57
rs143092693	G	A	1.15	0.07	8.23E-57
rs191427622	G	A	0.79	0.05	9.13E-57
rs190221873	A	G	1.05	0.06	9.60E-57
rs146668370	T	G	1.02	0.06	9.64E-57
rs550064352	T	C	0.8	0.05	9.79E-57
rs182405030	A	C	8.82	0.55	9.86E-57
rs140321776	A	G	0.79	0.05	1.27E-56
rs138875066	G	C	0.79	0.05	1.33E-56
rs533297237	T	A	0.81	0.05	1.36E-56
rs548314436	T	G	1.8	0.11	1.37E-56
rs559449117	G	T	1.28	0.08	1.41E-56
rs550149795	C	A	18.47	1.16	1.58E-56
rs544629325	G	C	0.91	0.05	1.95E-56
rs560202480	C	A	0.91	0.05	1.95E-56
rs111995080	A	G	0.79	0.05	2.62E-56
rs148395239	T	G	0.79	0.05	3.07E-56
rs184861986	T	G	0.79	0.05	3.15E-56
rs191546118	G	A	0.79	0.05	3.15E-56
rs186666007	T	C	0.79	0.05	3.17E-56
rs147883399	T	C	2.21	0.14	3.30E-56
rs191242214	A	G	0.79	0.05	3.35E-56
rs187988386	A	G	0.79	0.05	3.41E-56
rs187816749	A	G	1.01	0.06	3.42E-56
rs188662337	C	T	0.79	0.05	4.28E-56
rs6766937	G	A	0.79	0.05	4.28E-56
rs190699039	C	T	0.79	0.05	4.44E-56
rs138483319	G	A	0.79	0.05	4.58E-56
rs77830235	A	C	0.79	0.05	4.66E-56
rs144453480	C	A	0.69	0.04	5.86E-56
rs141119870	G	T	0.79	0.05	6.04E-56
rs552565067	A	G	0.39	0.02	6.09E-56
rs181481820	A	G	1.51	0.09	6.64E-56
rs148916342	G	T	0.79	0.05	7.03E-56
rs73379751	A	G	0.78	0.05	8.47E-56
rs188291812	T	C	0.77	0.04	9.04E-56
rs145790021	T	G	6.72	0.42	9.94E-56
rs184269362	C	T	1.04	0.06	1.02E-55
rs560399271	T	C	0.78	0.04	1.07E-55
rs191326780	A	C	1.04	0.06	1.08E-55
rs76294815	G	C	0.79	0.05	1.22E-55
rs558588455	T	C	0.56	0.03	1.32E-55
rs73807218	T	C	0.78	0.04	1.34E-55
rs147463135	A	C	0.78	0.04	1.36E-55
rs560665141	A	C	1.15	0.07	1.71E-55



rs149217401	T	G	0.58	0.03	2.10E-55
rs141897964	T	C	0.82	0.05	2.12E-55
rs183396142	T	C	1.78	0.11	2.13E-55
rs114612230	C	G	0.77	0.04	2.41E-55
rs116541394	C	T	0.67	0.04	3.01E-55
rs145384063	G	C	0.55	0.03	3.03E-55
rs184857146	G	T	15.38	0.98	3.06E-55
rs550964848	G	A	0.69	0.04	3.21E-55
rs148965035	T	C	0.76	0.04	3.73E-55
rs114036488	G	A	0.78	0.05	4.11E-55
rs191053200	G	A	0.41	0.02	4.22E-55
rs138828019	G	A	0.77	0.04	4.42E-55
rs188867081	C	G	1.04	0.06	4.59E-55
rs140842434	A	G	6.45	0.41	5.02E-55
rs149881191	A	G	0.84	0.05	5.76E-55
rs192084103	A	T	0.77	0.04	6.27E-55
rs151187691	C	G	0.79	0.05	7.06E-55
rs562547835	T	A	0.81	0.05	7.68E-55
rs183894503	A	T	0.84	0.05	7.74E-55
rs140447281	T	C	0.84	0.05	8.18E-55
rs183111355	T	A	0.99	0.06	9.11E-55
rs187202609	A	G	2.68	0.17	9.28E-55
rs76638841	T	C	0.81	0.05	1.02E-54
rs372172675	A	G	0.78	0.05	1.08E-54
rs149676684	G	A	0.91	0.05	1.21E-54
rs187335275	C	T	0.81	0.05	1.22E-54
rs115761255	C	T	0.8	0.05	1.36E-54
rs191932474	G	A	1.03	0.06	1.51E-54
rs147037705	A	G	0.74	0.04	1.55E-54
rs116778000	T	C	0.8	0.05	1.63E-54
rs148306486	G	T	0.49	0.03	1.73E-54
rs116437835	T	A	0.98	0.06	1.82E-54
rs73808748	A	G	0.76	0.04	2.03E-54
rs60571028	C	T	0.76	0.04	2.13E-54
rs192843333	C	G	0.76	0.04	2.18E-54
rs146406992	C	G	0.76	0.04	2.37E-54
rs145598283	G	C	0.76	0.04	2.47E-54
rs181735359	T	C	0.85	0.05	3.07E-54
rs73808750	G	C	0.76	0.04	3.15E-54
rs368766026	G	T	0.43	0.02	3.30E-54
rs578111952	G	A	0.7	0.04	3.81E-54
rs114448238	G	A	0.7	0.04	4.26E-54
rs184844889	G	A	0.83	0.05	4.54E-54
rs139658077	T	G	0.76	0.04	4.62E-54
rs535559377	C	A	0.7	0.04	4.77E-54
rs149963219	T	A	0.76	0.04	4.92E-54
rs542939864	A	G	0.76	0.04	5.38E-54
rs116196249	C	A	0.75	0.04	6.22E-54
rs190010184	A	T	0.78	0.05	6.87E-54
rs553573866	G	A	0.69	0.04	6.97E-54
rs148615596	A	G	0.88	0.05	7.62E-54
rs535466250	G	T	0.69	0.04	7.85E-54
rs552497182	A	G	0.85	0.05	9.04E-54
rs144959240	T	C	0.79	0.05	9.72E-54
rs139403223	C	T	0.76	0.04	9.92E-54
rs562726376	T	C	0.79	0.05	1.09E-53
rs77039591	A	G	0.79	0.05	1.10E-53
rs183020424	T	C	0.76	0.04	1.13E-53
rs149718127	C	A	0.76	0.04	1.14E-53
rs142088710	A	G	0.79	0.05	1.30E-53
rs189045986	T	A	2.25	0.14	1.32E-53

rs138885797	A	G	0.82	0.05	1.36E-53
rs192743870	A	T	0.81	0.05	1.40E-53
rs116593496	G	A	2.2	0.14	1.42E-53
rs188457537	C	T	0.75	0.04	1.45E-53
rs148789134	T	G	0.8	0.05	1.47E-53
rs182191359	A	G	0.74	0.04	1.50E-53
rs141096376	C	G	2.58	0.16	1.51E-53
rs145352628	A	G	0.74	0.04	1.52E-53
rs79734549	A	T	0.8	0.05	1.53E-53
rs188563431	A	G	0.88	0.05	1.54E-53
rs114254622	C	A	0.99	0.06	1.63E-53
rs143979272	C	G	0.79	0.05	1.63E-53
rs146032373	T	C	2.61	0.17	1.67E-53
rs145104886	C	T	0.75	0.04	1.69E-53
rs190891095	T	A	0.81	0.05	1.83E-53
rs73808708	T	G	0.74	0.04	1.84E-53
rs142688157	C	T	0.8	0.05	1.96E-53
rs533806215	C	A	0.75	0.04	1.96E-53
rs183641299	C	T	0.74	0.04	1.97E-53
rs575613245	A	G	0.75	0.04	2.01E-53
rs56781990	C	A	0.75	0.04	2.02E-53
rs78153502	C	T	0.87	0.05	2.16E-53
rs56354274	T	G	0.74	0.04	2.29E-53
rs73807232	A	T	0.74	0.04	2.29E-53
rs56038440	C	A	0.75	0.04	2.55E-53
rs191858301	G	A	0.82	0.05	2.57E-53
rs183278218	A	T	0.81	0.05	2.58E-53
rs571823267	T	C	0.81	0.05	2.58E-53
rs571634751	G	A	2.33	0.15	2.58E-53
rs57964375	C	G	0.74	0.04	2.69E-53
rs73379772	A	G	0.77	0.05	3.39E-53
rs142160120	C	T	0.75	0.04	3.47E-53
rs115663140	T	C	0.74	0.04	3.65E-53
rs141072528	G	A	0.81	0.05	3.82E-53
rs77313025	C	T	0.68	0.04	4.01E-53
rs577178654	A	G	0.81	0.05	4.53E-53
rs116751687	C	A	0.81	0.05	5.02E-53
rs191533634	G	A	1.26	0.08	5.91E-53
rs73808759	T	C	0.74	0.04	6.41E-53
rs145078143	T	C	0.74	0.04	6.92E-53
rs148323634	C	T	0.74	0.04	7.07E-53
rs17019156	C	A	0.8	0.05	7.15E-53
rs188415241	T	C	0.74	0.04	7.49E-53
rs138204392	G	A	0.74	0.04	7.64E-53
rs138876749	G	A	0.74	0.04	8.19E-53
rs151223955	C	T	0.95	0.06	9.73E-53
rs138412916	A	T	0.93	0.06	1.01E-52
rs148475119	G	A	0.98	0.06	1.07E-52
rs190647275	C	G	0.88	0.05	1.31E-52
rs145357130	G	C	0.74	0.04	1.31E-52
rs142915924	T	C	1.94	0.12	1.53E-52
rs115582931	A	G	0.36	0.02	1.72E-52
rs367646325	A	G	1.26	0.08	1.78E-52
rs561381628	C	T	1.13	0.07	1.80E-52
rs115162732	C	T	0.77	0.05	1.94E-52
rs183378013	C	A	0.73	0.04	2.05E-52
rs536779420	T	G	0.74	0.04	2.12E-52
rs56805746	G	A	0.74	0.04	2.16E-52
rs148753122	A	G	0.88	0.05	2.26E-52
rs114802569	T	G	0.87	0.05	2.27E-52
rs182415160	T	C	0.85	0.05	2.37E-52

rs192964902	T	C	0.37	0.02	3.08E-52
rs141409236	T	G	0.72	0.04	3.60E-52
rs145948700	C	T	0.73	0.04	4.15E-52
rs79564955	T	C	0.73	0.04	4.50E-52
rs527966586	C	G	1.17	0.07	4.65E-52
rs145070907	G	A	1.17	0.07	4.72E-52
rs115445654	A	C	2.49	0.16	5.58E-52
rs531466897	T	C	0.74	0.04	6.24E-52
rs185772313	A	G	0.79	0.05	6.55E-52
rs143051529	T	C	0.73	0.04	6.88E-52
rs185592003	A	G	2.45	0.16	7.04E-52
rs116533828	G	T	0.85	0.05	7.20E-52
rs192420883	A	G	0.73	0.04	8.13E-52
rs142009594	T	C	3.65	0.24	8.31E-52
rs78847573	G	A	0.73	0.04	8.35E-52
rs191232996	C	T	0.76	0.05	1.02E-51
rs186090163	A	G	0.39	0.02	1.12E-51
rs549564736	T	C	0.72	0.04	1.17E-51
rs549604005	T	G	2.05	0.13	1.26E-51
rs184038674	G	T	10.92	0.72	1.31E-51
rs139983197	T	C	2.21	0.14	1.33E-51
rs367775175	T	C	0.69	0.04	1.41E-51
rs115676697	T	A	0.72	0.04	1.46E-51
rs530140098	T	C	0.71	0.04	1.49E-51
rs531277178	G	A	0.72	0.04	1.53E-51
rs527450985	A	G	14.21	0.94	1.73E-51
rs146656680	A	T	0.72	0.04	1.92E-51
rs147831612	G	A	14.28	0.94	2.13E-51
rs145456447	G	A	0.93	0.06	2.29E-51
rs146318333	C	T	1.33	0.08	2.43E-51
rs138511938	C	A	1.2	0.07	2.53E-51
rs297196	G	T	0.74	0.04	2.59E-51
rs150690848	G	A	0.93	0.06	2.62E-51
rs144726541	A	G	0.93	0.06	2.73E-51
rs191508702	A	G	0.93	0.06	2.83E-51
rs112163858	T	C	0.72	0.04	3.01E-51
rs114831208	A	G	0.83	0.05	3.38E-51
rs59849913	G	C	0.68	0.04	3.59E-51
rs144534679	T	C	0.77	0.05	3.59E-51
rs369459542	A	T	0.71	0.04	4.00E-51
rs545082866	A	T	2.2	0.14	4.66E-51
rs115791685	A	G	0.96	0.06	4.83E-51
rs567311020	G	A	0.71	0.04	5.01E-51
rs116213949	C	T	0.92	0.06	5.39E-51
rs141540243	A	G	0.92	0.06	5.51E-51
rs140923343	C	G	0.71	0.04	6.19E-51
rs527300591	G	A	0.68	0.04	6.49E-51
rs9491868	G	C	0.76	0.05	7.14E-51
rs549067066	C	T	0.74	0.04	7.17E-51
rs151165601	T	C	0.71	0.04	7.33E-51
rs144263174	G	A	15.33	1.02	7.53E-51
rs114192366	T	A	0.48	0.03	7.67E-51
rs138536002	A	C	2.34	0.15	7.76E-51
rs141200947	T	G	0.71	0.04	7.78E-51
rs139462760	A	T	20.31	1.35	9.01E-51
rs113615283	T	C	0.71	0.04	9.47E-51
rs113091422	G	A	0.72	0.04	9.86E-51
rs149301040	A	G	0.72	0.04	1.00E-50
rs141776091	G	T	0.71	0.04	1.04E-50
rs59500979	G	C	0.72	0.04	1.04E-50
rs13325536	A	G	0.71	0.04	1.07E-50

rs150802604	T	C	0.92	0.06	1.17E-50
rs535710735	T	C	0.83	0.05	1.18E-50
rs183263148	C	T	0.71	0.04	1.20E-50
rs543212497	G	A	0.72	0.04	1.21E-50
rs183541393	A	G	1.02	0.06	1.21E-50
rs367677991	G	A	0.49	0.03	1.34E-50
rs369758299	A	T	0.49	0.03	1.34E-50
rs188728532	C	T	0.73	0.04	1.35E-50
rs185804028	T	C	0.71	0.04	1.36E-50
rs113996286	A	G	1.03	0.06	1.42E-50
rs115291711	T	A	0.71	0.04	1.64E-50
rs190601463	T	C	0.71	0.04	1.65E-50
rs186161731	A	G	0.71	0.04	1.65E-50
rs188083735	C	A	0.93	0.06	1.69E-50
rs564482826	G	A	2.21	0.14	1.77E-50
rs184130174	C	T	0.71	0.04	2.11E-50
rs569366114	T	G	1.32	0.08	2.19E-50
rs184734485	T	C	0.67	0.04	2.29E-50
rs9359154	A	G	0.93	0.06	2.32E-50
rs182668949	C	T	1.28	0.08	2.32E-50
rs79027530	G	C	9.54	0.63	2.35E-50
rs59683970	T	C	0.7	0.04	2.35E-50
rs541382987	A	C	0.74	0.04	2.36E-50
rs78852294	G	A	1.28	0.08	2.37E-50
rs528693106	A	C	0.7	0.04	2.77E-50
rs143441529	C	T	0.7	0.04	2.88E-50
rs566926036	A	G	0.7	0.04	2.89E-50
rs191796777	T	A	0.76	0.05	2.96E-50
rs150737362	T	C	0.7	0.04	2.98E-50
rs73808544	G	C	0.7	0.04	3.12E-50
rs58621969	T	C	0.71	0.04	3.26E-50
rs552253535	G	C	0.7	0.04	3.44E-50
rs140083287	T	C	0.82	0.05	3.56E-50
rs149065138	C	T	0.71	0.04	4.23E-50
rs56822340	T	A	0.7	0.04	4.54E-50
rs9491869	C	G	0.75	0.05	4.60E-50
rs142403430	A	T	1.34	0.09	4.72E-50
rs80306328	A	G	1.03	0.06	5.30E-50
rs576551115	C	T	0.71	0.04	5.43E-50
rs529322407	T	C	11.24	0.75	5.63E-50
rs560399512	C	T	0.71	0.04	6.24E-50
rs77369303	C	G	1.34	0.09	6.37E-50
rs139950006	C	G	0.92	0.06	7.35E-50
rs371997057	A	G	1.66	0.11	7.53E-50
rs543299177	G	C	0.7	0.04	8.20E-50
rs571278715	A	C	0.69	0.04	9.86E-50
rs116055911	G	A	0.71	0.04	1.07E-49
rs117260737	C	T	0.76	0.05	1.10E-49
rs113285606	T	G	0.88	0.06	1.18E-49
rs562822569	G	A	0.81	0.05	1.26E-49
rs182287792	A	T	0.9	0.06	1.32E-49
rs146322122	A	T	0.69	0.04	1.39E-49
rs568684774	A	G	0.69	0.04	1.67E-49
rs79873897	G	A	0.8	0.05	1.77E-49
rs193251123	A	G	1.12	0.07	1.85E-49
rs187634990	T	C	0.52	0.03	1.86E-49
rs570399692	C	G	0.74	0.05	1.92E-49
rs531911158	C	G	0.93	0.06	1.92E-49
rs143573177	C	T	0.69	0.04	2.11E-49
rs150895891	T	C	0.69	0.04	2.13E-49
rs547543777	G	A	0.71	0.04	2.15E-49

rs145208603	C	T	0.77	0.05	2.70E-49
rs184052503	G	A	0.92	0.06	2.80E-49
rs571733867	C	T	0.7	0.04	2.82E-49
rs114855422	T	C	0.73	0.05	3.16E-49
rs183398345	C	T	0.68	0.04	3.41E-49
rs138577196	C	T	0.92	0.06	3.61E-49
rs147785304	C	G	1.85	0.12	3.67E-49
rs116404419	T	C	1.45	0.09	3.92E-49
rs140795966	G	A	0.74	0.05	4.61E-49
rs116453581	A	G	0.68	0.04	4.76E-49
rs111475669	A	G	0.68	0.04	5.05E-49
rs78471041	C	T	0.69	0.04	5.52E-49
rs192072692	G	A	0.88	0.05	5.60E-49
rs143018433	T	G	0.69	0.04	5.65E-49
rs369434155	A	G	43.73	2.97	6.76E-49
rs117244086	C	T	1.08	0.07	7.47E-49
rs116226171	T	C	0.98	0.06	7.59E-49
rs535889254	C	T	2.13	0.14	7.68E-49
rs7735825	C	T	0.68	0.04	7.93E-49
rs150595071	A	C	0.73	0.05	8.00E-49
rs9869491	A	T	0.68	0.04	8.63E-49
rs193288072	C	G	0.68	0.04	9.41E-49
rs190266298	A	T	1.07	0.07	1.03E-48
rs181412580	G	A	1.07	0.07	1.06E-48
rs183363388	T	G	0.68	0.04	1.13E-48
rs185782979	G	T	0.68	0.04	1.22E-48
rs138184163	A	G	2.61	0.17	1.27E-48
rs72975722	C	T	0.93	0.06	1.35E-48
rs79103051	G	A	0.45	0.03	1.81E-48
rs141401017	C	T	0.67	0.04	2.37E-48
rs374907342	T	G	0.67	0.04	2.64E-48
rs184941539	G	A	0.71	0.04	2.65E-48
rs191875299	A	G	0.67	0.04	2.75E-48
rs144107850	A	G	0.67	0.04	3.20E-48
rs141209905	T	C	0.67	0.04	3.38E-48
rs189429988	A	G	2.95	0.2	3.74E-48
rs541442726	A	T	0.62	0.04	3.94E-48
rs544008304	C	A	0.62	0.04	3.94E-48
rs546084722	T	G	0.62	0.04	3.94E-48
rs566790287	G	A	0.62	0.04	3.94E-48
rs567214063	A	C	0.62	0.04	3.94E-48
rs572377663	C	G	0.62	0.04	3.94E-48
rs140983126	A	G	0.67	0.04	4.10E-48
rs145547562	A	G	0.67	0.04	5.09E-48
rs369160112	G	A	0.67	0.04	5.91E-48
rs373827330	A	C	0.67	0.04	6.21E-48
rs78100998	G	A	2.01	0.13	6.68E-48
rs564774361	A	G	1.29	0.08	6.89E-48
rs114860355	C	T	0.97	0.06	7.82E-48
rs185173853	T	G	1.19	0.08	8.55E-48
rs141205898	G	T	0.67	0.04	9.11E-48
rs574645444	A	G	1.9	0.13	9.35E-48
rs376201566	G	A	0.66	0.04	1.08E-47
rs76792673	T	A	0.67	0.04	1.11E-47
rs114712096	T	A	0.49	0.03	1.18E-47
rs147544677	G	A	0.87	0.06	1.18E-47
rs140673600	A	C	2.06	0.14	1.25E-47
rs551008689	G	A	0.85	0.05	1.30E-47
rs188703601	T	G	0.66	0.04	1.42E-47
rs569352558	C	T	0.66	0.04	1.45E-47
rs186254071	T	C	8.58	0.59	1.46E-47

rs140767702	T	G	0.66	0.04	1.48E-47
rs188058494	C	T	0.65	0.04	1.56E-47
rs186091782	G	A	0.66	0.04	1.75E-47
rs114170916	C	T	0.66	0.04	1.88E-47
rs78482854	A	G	0.66	0.04	1.97E-47
rs190131278	G	A	0.68	0.04	2.06E-47
rs9847303	A	C	0.66	0.04	2.14E-47
rs148363077	T	C	0.87	0.06	2.25E-47
rs540299908	C	T	0.69	0.04	2.29E-47
rs138854903	A	G	14.27	0.98	2.36E-47
rs10154957	A	G	0.66	0.04	2.50E-47
rs137856783	G	C	0.69	0.04	2.54E-47
rs185040172	C	T	2.08	0.14	2.55E-47
rs188761659	T	C	0.66	0.04	2.67E-47
rs552673282	G	A	0.69	0.04	2.78E-47
rs58273990	C	G	0.66	0.04	3.18E-47
rs77186885	T	C	0.72	0.05	3.45E-47
rs114877815	A	G	0.66	0.04	3.82E-47
rs58839481	C	T	0.63	0.04	4.15E-47
rs142707105	G	T	0.77	0.05	4.18E-47
rs6993902	G	C	1.83	0.12	4.25E-47
rs184519622	T	C	0.33	0.02	4.35E-47
rs140667698	T	A	0.38	0.02	4.73E-47
rs183128816	G	A	0.62	0.04	4.79E-47
rs377338147	G	A	0.44	0.03	5.13E-47
rs143258814	T	C	0.33	0.02	5.15E-47
rs138639745	A	G	0.22	0.01	5.75E-47
rs533990000	G	A	1.04	0.07	6.21E-47
rs137947264	T	C	0.62	0.04	6.52E-47
rs148612243	G	T	3.93	0.27	6.89E-47
rs28508060	G	A	0.65	0.04	6.90E-47
rs540606802	G	A	0.66	0.04	8.39E-47
rs190874202	G	A	0.7	0.04	8.99E-47
rs563590793	T	C	0.65	0.04	9.06E-47
rs144172741	G	A	0.65	0.04	9.67E-47
rs73854349	G	C	0.65	0.04	1.03E-46
rs10166660	C	T	0.66	0.04	1.10E-46
rs554484753	C	A	0.65	0.04	1.17E-46
rs113683251	T	C	0.65	0.04	1.22E-46
rs181570842	G	A	0.71	0.04	1.28E-46
rs151179294	G	A	0.65	0.04	1.48E-46
rs554571218	T	C	0.69	0.04	1.51E-46
rs114626723	C	T	0.65	0.04	1.52E-46
rs148986911	C	T	0.7	0.04	1.55E-46
rs370118768	T	A	0.6	0.04	1.58E-46
rs9853946	T	C	0.65	0.04	1.74E-46
rs139791929	T	C	3.9	0.27	1.76E-46
rs9822273	C	A	0.64	0.04	1.76E-46
rs184781753	A	G	0.65	0.04	1.77E-46
rs115994099	G	A	1.44	0.1	1.94E-46
rs552151314	A	G	2.46	0.17	2.19E-46
rs552854953	C	T	0.82	0.05	2.29E-46
rs145607440	T	A	0.91	0.06	2.66E-46
rs146515204	G	A	0.64	0.04	2.75E-46
rs147617252	T	G	0.64	0.04	2.79E-46
rs189504239	C	T	0.64	0.04	2.83E-46
rs141061981	G	C	0.64	0.04	3.33E-46
rs374259591	T	C	0.64	0.04	3.45E-46
rs75751402	C	T	0.64	0.04	3.68E-46
rs183472720	T	C	1.19	0.08	3.87E-46
rs114596672	C	G	0.64	0.04	3.92E-46

rs185614838	A	G	0.64	0.04	4.12E-46
rs185483003	G	C	0.64	0.04	4.19E-46
rs149190222	C	T	0.68	0.04	4.37E-46
rs116020210	T	C	2.16	0.15	4.48E-46
rs546322081	T	G	0.64	0.04	4.92E-46
rs142948761	A	C	0.79	0.05	5.02E-46
rs186135450	A	C	0.33	0.02	5.14E-46
rs534557670	T	C	0.64	0.04	5.50E-46
rs181705428	T	C	2.14	0.15	5.77E-46
rs149836090	T	C	0.63	0.04	6.57E-46
rs139912352	A	G	0.67	0.04	6.75E-46
rs146501592	C	T	0.64	0.04	7.19E-46
rs537727446	A	G	0.91	0.06	8.69E-46
rs186973456	T	C	0.63	0.04	9.37E-46
rs60344405	T	C	0.98	0.06	9.78E-46
rs550901064	G	A	1.29	0.09	1.04E-45
rs141046727	C	T	0.64	0.04	1.06E-45
rs149356801	C	T	0.71	0.05	1.06E-45
rs141468869	A	C	0.63	0.04	1.07E-45
rs139088309	T	G	0.64	0.04	1.09E-45
rs147355570	T	A	0.64	0.04	1.09E-45
rs149917233	A	C	0.64	0.04	1.09E-45
rs80018580	C	T	0.63	0.04	1.12E-45
rs190660079	A	G	0.63	0.04	1.12E-45
rs74709927	A	C	0.63	0.04	1.13E-45
rs540714238	G	A	0.63	0.04	1.14E-45
rs143232573	A	G	3.76	0.26	1.17E-45
rs143906170	A	C	0.63	0.04	1.19E-45
rs142105810	C	G	0.63	0.04	1.21E-45
rs116108907	C	G	0.64	0.04	1.24E-45
rs532409760	C	T	0.63	0.04	1.25E-45
rs551412313	G	C	0.63	0.04	1.26E-45
rs78566556	C	T	0.69	0.04	1.29E-45
rs148721562	G	A	0.69	0.04	1.29E-45
rs142316611	G	T	0.69	0.04	1.29E-45
rs187798448	T	C	0.63	0.04	1.32E-45
rs191806611	T	C	0.68	0.04	1.36E-45
rs552907296	A	G	0.64	0.04	1.43E-45
rs78001307	C	T	0.64	0.04	1.44E-45
rs6921506	A	C	0.94	0.06	1.56E-45
rs574544828	G	T	0.6	0.04	1.57E-45
rs140772797	G	T	0.31	0.02	1.59E-45
rs138743772	C	A	1.17	0.08	1.64E-45
rs531088769	C	T	0.63	0.04	1.66E-45
rs145981205	A	G	0.63	0.04	1.93E-45
rs141695149	C	T	0.63	0.04	2.00E-45
rs9876937	G	A	0.63	0.04	2.09E-45
rs146134990	A	G	0.21	0.01	2.18E-45
rs541933244	C	A	1	0.07	2.34E-45
rs115777558	C	A	0.65	0.04	2.36E-45
rs141485181	T	C	0.68	0.04	2.36E-45
rs143613776	G	A	0.68	0.04	2.45E-45
rs184512550	A	G	0.63	0.04	2.49E-45
rs139763994	A	T	0.36	0.02	2.52E-45
rs150643518	C	A	0.63	0.04	2.67E-45
rs551599062	G	A	0.63	0.04	2.85E-45
rs189263597	T	C	0.65	0.04	2.91E-45
rs115131419	C	T	3.18	0.22	3.31E-45
rs185693059	A	T	0.63	0.04	3.37E-45
rs191857267	A	C	1.05	0.07	3.92E-45
rs75723782	A	G	0.63	0.04	4.75E-45

rs556303642	A	T	0.62	0.04	4.75E-45
rs542633517	T	C	0.53	0.03	5.04E-45
rs145720337	T	A	0.55	0.03	5.54E-45
rs115225871	T	C	0.73	0.05	5.98E-45
rs576924571	T	A	0.98	0.07	6.11E-45
rs151039194	T	G	0.63	0.04	6.22E-45
rs187483006	C	T	1.13	0.08	6.99E-45
rs117105477	C	T	0.95	0.06	7.22E-45
rs192837876	T	C	0.55	0.03	7.43E-45
rs148860523	A	C	0.67	0.04	7.48E-45
rs144609497	C	G	0.63	0.04	7.60E-45
rs114625285	A	G	0.31	0.02	8.03E-45
rs189249679	G	T	0.74	0.05	8.09E-45
rs141632344	A	C	1.5	0.1	9.01E-45
rs147656680	A	C	0.68	0.04	9.03E-45
rs193154784	A	G	0.61	0.04	1.04E-44
rs146495335	A	G	0.66	0.04	1.05E-44
rs151183859	G	A	1.27	0.09	1.36E-44
rs533393155	C	G	0.62	0.04	1.36E-44
rs558321664	T	C	0.62	0.04	1.56E-44
rs528664220	G	A	0.62	0.04	1.67E-44
rs146959881	T	G	0.32	0.02	1.84E-44
rs549862069	C	T	0.62	0.04	1.90E-44
rs116269166	T	C	0.65	0.04	2.02E-44
rs538000940	G	A	0.62	0.04	2.25E-44
rs191845133	C	G	0.59	0.04	2.56E-44
rs574198701	C	T	0.79	0.05	2.92E-44
rs115621492	T	A	0.65	0.04	3.12E-44
rs184112936	T	C	0.6	0.04	3.30E-44
rs559307091	T	C	0.58	0.04	4.93E-44
rs112178695	T	C	0.63	0.04	5.37E-44
rs115169073	A	T	0.66	0.04	5.98E-44
rs564813903	C	G	1.6	0.11	6.42E-44
rs190081057	G	A	2.09	0.15	6.50E-44
rs532922117	A	C	1.77	0.12	7.09E-44
rs116037430	T	C	0.61	0.04	8.28E-44
rs150061804	A	G	3.08	0.22	8.82E-44
rs140647184	T	C	0.66	0.04	9.87E-44
rs558615769	A	G	0.72	0.05	1.02E-43
rs527608338	T	C	0.74	0.05	1.39E-43
rs73686286	G	A	0.61	0.04	1.77E-43
rs79690086	C	T	0.4	0.02	1.88E-43
rs566758913	T	C	1.1	0.07	2.13E-43
rs368542470	G	A	0.61	0.04	2.23E-43
rs192486817	T	C	0.87	0.06	2.28E-43
rs528392022	C	T	0.6	0.04	2.37E-43
rs185123420	C	T	0.61	0.04	2.42E-43
rs187159959	C	G	0.63	0.04	2.49E-43
rs552141423	C	T	0.99	0.07	2.70E-43
rs534686967	C	T	0.61	0.04	2.83E-43
rs558973379	A	G	0.64	0.04	2.94E-43
rs77759531	A	G	0.77	0.05	3.13E-43
rs575833204	C	A	0.61	0.04	3.32E-43
rs137915574	G	A	0.58	0.04	3.36E-43
rs536310523	C	T	0.6	0.04	3.56E-43
rs141191035	T	C	0.64	0.04	4.83E-43
rs371970553	C	T	0.5	0.03	4.84E-43
rs140531883	C	T	0.64	0.04	4.89E-43
rs563866087	T	G	0.85	0.06	5.95E-43
rs540580403	C	T	0.6	0.04	6.53E-43
rs114254338	A	G	0.95	0.06	6.61E-43



rs140961043	G	A	1.79	0.13	7.70E-43
rs140555160	T	G	2.52	0.18	7.82E-43
rs116393044	G	A	0.36	0.02	7.83E-43
rs3025975	G	A	0.3	0.02	8.21E-43
rs145913457	T	G	0.94	0.06	9.15E-43
rs373893945	G	A	0.59	0.04	9.56E-43
rs191083446	G	A	1.93	0.14	1.04E-42
rs111893480	T	C	0.59	0.04	1.05E-42
rs115758131	A	G	0.59	0.04	1.12E-42
rs548989168	A	G	0.59	0.04	1.22E-42
rs539540806	C	T	0.59	0.04	1.22E-42
rs530394335	A	G	2.62	0.19	1.45E-42
rs182216453	T	C	0.56	0.04	1.45E-42
rs148863593	G	A	1.02	0.07	1.48E-42
rs78844818	C	G	0.59	0.04	1.55E-42
rs113941397	C	T	0.59	0.04	1.58E-42
rs181216181	C	T	0.76	0.05	1.74E-42
rs148653387	G	T	0.59	0.04	1.95E-42
rs572580468	G	T	0.29	0.02	2.10E-42
rs541357469	T	G	0.59	0.04	2.25E-42
rs150772630	T	C	0.94	0.06	2.31E-42
rs145120153	G	A	0.39	0.02	2.52E-42
rs138215792	C	T	0.59	0.04	2.56E-42
rs112590446	T	C	0.67	0.04	2.62E-42
rs185195393	C	T	0.59	0.04	2.66E-42
rs57720905	T	C	0.59	0.04	2.67E-42
rs112481278	T	C	0.59	0.04	2.68E-42
rs143644390	T	C	0.45	0.03	3.01E-42
rs144407486	T	C	0.51	0.03	3.04E-42
rs76919463	T	A	0.27	0.02	3.07E-42
rs147474842	G	A	0.59	0.04	4.30E-42
rs577663729	G	T	0.59	0.04	4.51E-42
rs138724651	A	G	0.58	0.04	4.70E-42
rs190500066	A	G	0.58	0.04	4.90E-42
rs566479653	G	A	0.65	0.04	4.91E-42
rs145788735	G	A	0.5	0.03	6.31E-42
rs7627912	C	T	0.58	0.04	6.36E-42
rs140049033	A	G	1.4	0.1	7.10E-42
rs142017026	C	G	0.58	0.04	7.26E-42
rs115717620	T	C	0.38	0.02	7.30E-42
rs190446324	T	A	1.74	0.12	7.52E-42
rs141842469	A	G	1.32	0.09	7.77E-42
rs193272034	A	G	7.52	0.55	8.15E-42
rs77404023	A	T	0.59	0.04	8.32E-42
rs139096176	T	C	0.64	0.04	8.74E-42
rs141989524	T	C	0.83	0.06	9.29E-42
rs537752038	G	A	0.63	0.04	9.46E-42
rs144326012	G	T	0.58	0.04	9.85E-42
rs147784883	A	T	0.58	0.04	9.85E-42
rs149716491	T	C	0.57	0.04	1.04E-41
rs145244676	G	A	0.83	0.06	1.13E-41
rs117392877	T	G	0.98	0.07	1.15E-41
rs189251398	T	C	1.74	0.12	1.16E-41
rs146719579	T	C	0.58	0.04	1.26E-41
rs78592211	A	G	0.57	0.04	1.33E-41
rs115532689	T	C	0.57	0.04	1.40E-41
rs145612913	T	C	7.84	0.58	1.43E-41
rs150166781	G	A	0.6	0.04	1.86E-41
rs12337093	G	T	0.59	0.04	2.03E-41
rs115702351	A	T	2.41	0.17	2.17E-41
rs180988304	T	C	0.57	0.04	2.21E-41

rs143165897	C	A	0.65	0.04	2.44E-41
rs150667762	C	T	0.57	0.04	2.44E-41
rs542711275	A	G	0.57	0.04	2.48E-41
rs188933011	A	G	0.37	0.02	2.64E-41
rs115877850	G	A	0.62	0.04	2.65E-41
rs140307598	C	T	1.16	0.08	2.83E-41
rs528862646	C	T	0.59	0.04	3.16E-41
rs144209307	G	C	0.47	0.03	3.68E-41
rs190036374	A	T	0.82	0.06	4.29E-41
rs116519214	G	A	0.4	0.02	4.33E-41
rs137952988	C	G	0.57	0.04	4.82E-41
rs7650001	C	T	0.57	0.04	4.99E-41
rs542824975	C	T	0.57	0.04	5.00E-41
rs140908393	C	T	0.57	0.04	6.23E-41
rs138131064	C	A	0.6	0.04	6.82E-41
rs138971698	A	T	0.69	0.05	7.38E-41
rs368930387	A	G	0.55	0.04	7.51E-41
rs114566910	T	C	0.65	0.04	7.77E-41
rs115210733	A	G	7.34	0.54	8.06E-41
rs577425675	G	A	0.26	0.01	8.39E-41
rs192877199	T	C	0.55	0.04	8.42E-41
rs116275020	G	A	0.56	0.04	8.43E-41
rs115425876	G	A	0.56	0.04	8.71E-41
rs184814531	G	A	0.94	0.07	9.40E-41
rs186658791	G	A	0.56	0.04	1.01E-40
rs146360617	C	T	0.8	0.06	1.08E-40
rs139870104	C	G	0.56	0.04	1.16E-40
rs146365160	G	A	0.8	0.06	1.16E-40
rs149209804	A	G	1.69	0.12	1.23E-40
rs115956434	A	T	0.56	0.04	1.35E-40
rs78493063	C	T	0.57	0.04	1.36E-40
rs187084879	G	A	0.53	0.04	1.65E-40
rs115514402	G	A	0.6	0.04	1.72E-40
rs112658247	T	C	0.8	0.06	1.94E-40
rs78506884	T	C	0.28	0.02	1.98E-40
rs151103429	A	C	0.56	0.04	2.04E-40
rs1186722	T	A	0.56	0.04	2.23E-40
rs115017603	G	T	0.61	0.04	2.24E-40
rs58875276	A	G	0.8	0.06	2.33E-40
rs146908271	C	G	0.56	0.04	2.39E-40
rs115618322	T	C	0.61	0.04	2.58E-40
rs529699718	C	T	1.36	0.1	2.63E-40
rs142956663	G	T	0.56	0.04	2.88E-40
rs191239298	C	T	0.56	0.04	2.91E-40
rs560231615	T	A	1.34	0.1	2.92E-40
rs187086933	G	A	0.53	0.04	2.94E-40
rs189511860	C	T	0.53	0.04	2.98E-40
rs372969549	T	A	0.55	0.04	3.56E-40
rs572370157	T	G	0.6	0.04	3.61E-40
rs80342405	T	C	1.33	0.1	3.84E-40
rs144697755	C	A	0.55	0.04	4.07E-40
rs145789245	G	T	0.69	0.05	4.19E-40
rs188548699	A	G	0.53	0.04	4.96E-40
rs185213622	C	T	0.53	0.04	5.37E-40
rs2743963	T	A	0.42	0.03	5.63E-40
rs57654680	G	A	0.52	0.04	5.69E-40
rs116058405	T	A	0.52	0.04	5.77E-40
rs149365059	T	C	0.55	0.04	5.88E-40
rs187390866	C	T	0.52	0.04	6.13E-40
rs187188398	T	C	0.52	0.04	6.13E-40
rs151325788	T	C	0.64	0.04	6.32E-40

rs190186526	T	C	0.67	0.05	6.43E-40
rs114003866	A	C	0.93	0.07	6.58E-40
rs61705137	G	T	0.52	0.04	6.59E-40
rs58706704	A	G	0.52	0.04	6.59E-40
rs146472637	G	A	0.55	0.04	6.84E-40
rs567301679	A	C	1.56	0.11	7.20E-40
rs184652194	T	A	1.33	0.1	7.84E-40
rs139032260	A	G	0.55	0.04	8.67E-40
rs529842796	A	G	0.55	0.04	9.29E-40
rs142033944	C	G	5.07	0.38	9.92E-40
rs148710867	G	C	5.07	0.38	9.92E-40
rs535962565	T	C	0.62	0.04	1.04E-39
rs147638409	T	C	0.65	0.04	1.05E-39
rs149816060	T	C	0.57	0.04	1.07E-39
rs150204362	A	C	0.76	0.05	1.14E-39
rs141101870	T	C	0.54	0.04	1.17E-39
rs114897001	C	T	0.55	0.04	1.27E-39
rs527842042	C	G	0.92	0.07	1.39E-39
rs73943844	G	T	1.05	0.07	1.47E-39
rs114624067	G	A	0.93	0.07	1.48E-39
rs192984507	A	G	0.66	0.05	1.59E-39
rs148333913	C	T	0.75	0.05	1.63E-39
rs142387863	A	T	0.55	0.04	1.71E-39
rs144772941	A	G	0.26	0.02	1.83E-39
rs78031990	C	T	0.55	0.04	2.10E-39
rs540327055	C	T	0.87	0.06	2.16E-39
rs142890986	C	T	0.52	0.03	2.28E-39
rs138656283	G	A	2.59	0.19	2.34E-39
rs571056929	T	C	0.55	0.04	2.42E-39
rs141834580	G	T	0.54	0.04	2.50E-39
rs527915009	G	A	1.21	0.09	2.69E-39
rs560208315	C	T	0.59	0.04	2.74E-39
rs548444428	G	A	0.54	0.04	2.75E-39
rs556010281	A	C	0.84	0.06	2.81E-39
rs145057888	G	A	0.54	0.04	2.94E-39
rs139896748	T	C	0.54	0.04	2.95E-39
rs377410788	T	C	0.54	0.04	3.30E-39
rs192954034	T	C	0.82	0.06	3.64E-39
rs139291271	G	A	0.54	0.04	4.00E-39
rs150221321	C	T	0.54	0.04	4.08E-39
rs10008336	A	C	0.54	0.04	4.17E-39
rs150961599	A	C	1.3	0.1	4.18E-39
rs375148774	T	G	0.59	0.04	4.21E-39
rs116000080	G	T	0.59	0.04	4.47E-39
rs573366668	T	A	0.84	0.06	4.72E-39
rs144602052	T	C	0.55	0.04	5.37E-39
rs79237527	A	G	0.36	0.02	5.72E-39
rs147419192	T	A	0.27	0.02	5.81E-39
rs575645297	A	G	0.51	0.03	5.86E-39
rs111815614	C	T	0.54	0.04	6.00E-39
rs145875129	A	G	0.64	0.04	6.09E-39
rs558106862	A	G	0.87	0.06	6.47E-39
rs146084630	G	A	2.55	0.19	6.90E-39
rs140092192	A	G	0.54	0.04	7.04E-39
rs556261932	A	G	0.53	0.04	7.25E-39
rs575526580	T	C	0.6	0.04	7.45E-39
rs149300018	C	T	0.45	0.03	8.76E-39
rs146646873	T	C	0.53	0.04	9.61E-39
rs147223091	A	C	0.53	0.04	9.63E-39
rs186844400	C	T	4.1	0.31	1.03E-38
rs145983116	G	A	2.22	0.17	1.03E-38

rs375772308	A	G	0.36	0.02	1.04E-38
rs141237247	A	T	0.54	0.04	1.10E-38
rs7005846	T	C	0.47	0.03	1.13E-38
rs146603106	A	G	0.53	0.04	1.16E-38
rs80050996	A	T	0.47	0.03	1.17E-38
rs181774090	C	T	1.61	0.12	1.27E-38
rs142722733	T	C	1.38	0.1	1.27E-38
rs142450562	A	G	0.53	0.04	1.29E-38
rs184383795	G	T	0.53	0.04	1.32E-38
rs149004820	T	C	0.53	0.04	1.39E-38
rs7812715	G	A	0.46	0.03	1.47E-38
rs114963795	G	A	0.46	0.03	1.59E-38
rs75300759	C	T	2.48	0.19	1.76E-38
rs150203583	G	T	0.26	0.02	1.92E-38
rs185941693	C	A	0.52	0.04	1.94E-38
rs186425013	A	C	0.54	0.04	1.98E-38
rs145485554	G	A	0.53	0.04	2.04E-38
rs116224130	T	C	0.54	0.04	2.17E-38
rs140828266	C	G	0.82	0.06	2.46E-38
rs138746425	A	G	0.69	0.05	2.46E-38
rs187645081	T	G	0.68	0.05	2.53E-38
rs139977733	A	C	0.29	0.02	2.55E-38
rs113162318	G	C	0.3	0.02	2.62E-38
rs141370958	A	C	0.48	0.03	2.77E-38
rs192907690	T	C	0.28	0.02	2.79E-38
rs73587817	G	A	0.53	0.04	2.84E-38
rs185464437	A	G	0.49	0.03	2.85E-38
rs540205206	T	C	1.35	0.1	2.94E-38
rs149466574	C	T	0.54	0.04	2.95E-38
rs189774880	A	T	0.54	0.04	3.04E-38
rs190348026	T	C	4.42	0.34	3.08E-38
rs142112764	G	A	0.76	0.05	3.24E-38
rs191255136	G	C	0.53	0.04	3.45E-38
rs181167904	C	G	0.57	0.04	3.48E-38
rs77387546	A	G	0.53	0.04	3.60E-38
rs141307970	G	A	0.53	0.04	3.67E-38
rs565941624	A	G	0.53	0.04	3.71E-38
rs59983317	C	T	0.53	0.04	3.77E-38
rs73365475	C	G	0.53	0.04	3.77E-38
rs371835307	G	A	2.31	0.17	4.20E-38
rs139104974	T	G	0.54	0.04	4.34E-38
rs138197319	G	A	2.09	0.16	4.50E-38
rs184084467	C	T	0.53	0.04	4.51E-38
rs146088344	G	A	0.55	0.04	4.62E-38
rs73365446	C	T	0.52	0.04	4.91E-38
rs150980740	C	T	0.52	0.04	4.95E-38
rs150088381	T	C	0.53	0.04	5.26E-38
rs73365450	G	A	0.52	0.04	5.37E-38
rs186309753	A	G	0.55	0.04	5.70E-38
rs140572097	T	A	0.52	0.04	5.72E-38
rs115193263	A	G	1.31	0.1	5.88E-38
rs112413343	T	C	0.53	0.04	6.57E-38
rs150335162	C	T	0.44	0.03	6.61E-38
rs114665292	C	T	0.51	0.04	6.89E-38
rs58026491	G	A	0.52	0.04	6.98E-38
rs140704895	C	T	0.52	0.04	7.43E-38
rs59300847	T	C	0.52	0.04	7.62E-38
rs73365424	C	T	0.52	0.04	7.62E-38
rs115454907	T	G	0.87	0.06	8.19E-38
rs145316790	A	G	0.52	0.04	8.26E-38
rs142499167	G	A	0.43	0.03	8.27E-38

rs564578331	G	C	0.61	0.04	8.90E-38
rs151314230	G	A	1.78	0.13	9.18E-38
rs189595284	C	T	0.57	0.04	9.49E-38
rs77586859	T	C	0.56	0.04	1.00E-37
rs543896296	G	A	0.6	0.04	1.02E-37
rs181034027	T	C	0.55	0.04	1.05E-37
rs567570744	C	A	0.83	0.06	1.10E-37
rs140174777	C	T	0.76	0.05	1.17E-37
rs144722215	T	C	0.45	0.03	1.19E-37
rs149015536	A	G	0.52	0.04	1.24E-37
rs113673863	A	T	0.52	0.04	1.26E-37
rs577538304	G	A	1.69	0.13	1.31E-37
rs138026748	G	A	1.94	0.15	1.33E-37
rs190576737	A	G	1.1	0.08	1.37E-37
rs559507907	A	G	0.87	0.06	1.44E-37
rs181059744	A	G	0.93	0.07	1.47E-37
rs143082313	T	C	0.51	0.04	1.53E-37
rs144389727	A	T	0.49	0.03	1.55E-37
rs375416864	A	G	0.35	0.02	1.55E-37
rs539669577	C	A	0.52	0.04	1.60E-37
rs116150074	A	G	0.53	0.04	1.80E-37
rs140274080	T	A	0.86	0.06	1.97E-37
rs76097980	C	T	0.54	0.04	2.05E-37
rs3991403	A	G	0.56	0.04	2.06E-37
rs115163098	G	C	0.85	0.06	2.06E-37
rs12063155	G	C	0.35	0.02	2.08E-37
rs116682604	G	A	0.53	0.04	2.19E-37
rs79523569	C	T	0.49	0.03	2.67E-37
rs115108580	C	T	0.51	0.04	2.69E-37
rs117013424	T	C	0.45	0.03	2.85E-37
rs144561006	A	C	0.66	0.05	3.26E-37
rs539469039	G	T	0.51	0.04	3.41E-37
rs145137279	T	C	1.21	0.09	3.46E-37
rs142390360	C	T	0.55	0.04	3.87E-37
rs150890406	G	A	0.5	0.03	3.98E-37
rs555117788	T	C	0.9	0.07	4.48E-37
rs77465674	C	T	0.51	0.04	4.73E-37
rs150173193	C	A	0.74	0.05	4.92E-37
rs58742365	T	G	0.23	0.01	5.02E-37
rs150356023	C	T	0.5	0.04	5.26E-37
rs73365406	A	C	0.51	0.04	5.27E-37
rs73365410	T	G	0.51	0.04	5.27E-37
rs115023817	T	C	0.46	0.03	5.29E-37
rs147293614	G	T	0.52	0.04	5.42E-37
rs140177245	C	A	0.5	0.03	5.52E-37
rs145679039	T	G	0.25	0.01	6.02E-37
rs12252160	C	T	0.51	0.04	6.22E-37
rs544971937	A	G	0.65	0.05	6.56E-37
rs112086290	C	T	0.51	0.04	6.63E-37
rs77182723	T	G	2.03	0.16	6.82E-37
rs563304182	A	G	0.7	0.05	6.84E-37
rs573834770	T	C	0.51	0.04	6.97E-37
rs144167614	T	G	0.51	0.04	6.99E-37
rs142325000	T	C	0.45	0.03	7.10E-37
rs112107632	A	G	0.51	0.04	7.26E-37
rs73363466	C	T	0.51	0.04	7.26E-37
rs531862798	T	C	0.51	0.04	7.26E-37
rs73363486	A	G	0.51	0.04	7.26E-37
rs73363492	A	T	0.51	0.04	7.26E-37
rs141109650	T	C	0.54	0.04	7.72E-37
rs59995069	C	T	0.51	0.04	7.92E-37

rs180724622	A	G	0.51	0.04	7.98E-37
rs554261652	C	A	0.54	0.04	9.03E-37
rs138097186	G	A	0.5	0.03	9.91E-37
rs140576183	T	C	0.49	0.03	1.01E-36
rs73376372	C	A	0.51	0.04	1.03E-36
rs73376392	A	G	0.51	0.04	1.03E-36
rs113853456	G	T	0.51	0.04	1.03E-36
rs113875258	T	C	0.52	0.04	1.07E-36
rs149766442	C	A	0.5	0.03	1.15E-36
rs149987380	G	A	4.24	0.33	1.15E-36
rs143234768	A	C	0.51	0.04	1.16E-36
rs78079696	C	T	0.5	0.04	1.17E-36
rs139590797	G	A	0.5	0.04	1.22E-36
rs73938487	A	C	0.51	0.04	1.24E-36
rs187801321	G	C	0.5	0.03	1.28E-36
rs549226195	A	G	0.5	0.03	1.28E-36
rs5414447965	C	T	0.5	0.04	1.29E-36
rs114462413	A	G	0.5	0.03	1.34E-36
rs116814205	T	G	0.5	0.03	1.34E-36
rs142301954	G	A	0.5	0.03	1.37E-36
rs142950243	T	A	0.55	0.04	1.39E-36
rs114507648	C	T	0.5	0.03	1.40E-36
rs73376349	G	A	0.5	0.04	1.42E-36
rs546736649	A	G	0.7	0.05	1.42E-36
rs115204801	A	C	0.5	0.04	1.43E-36
rs115499802	C	A	0.5	0.03	1.45E-36
rs372096961	A	G	0.5	0.03	1.45E-36
rs139567398	G	T	0.5	0.03	1.46E-36
rs148812594	T	A	0.5	0.03	1.48E-36
rs116582975	C	T	0.5	0.03	1.53E-36
rs111338659	G	C	0.5	0.04	1.54E-36
rs73376346	G	A	0.5	0.04	1.54E-36
rs115504122	G	A	0.5	0.04	1.57E-36
rs183574550	A	G	0.84	0.06	1.64E-36
rs144089061	G	C	0.49	0.03	1.72E-36
rs139271952	G	A	0.5	0.03	1.76E-36
rs142880615	A	G	0.53	0.04	1.79E-36
rs115048507	C	T	0.5	0.03	1.79E-36
rs148587436	A	G	0.5	0.03	1.80E-36
rs149606799	A	G	0.51	0.04	1.86E-36
rs183340297	A	G	0.5	0.03	1.90E-36
rs145498248	T	C	0.5	0.04	1.95E-36
rs184002267	C	G	0.5	0.04	2.00E-36
rs116028166	A	G	0.73	0.05	2.03E-36
rs148700367	T	A	0.5	0.03	2.07E-36
rs116106772	G	A	0.5	0.04	2.13E-36
rs77851302	G	A	4.95	0.39	2.18E-36
rs139811628	A	G	0.51	0.04	2.42E-36
rs185258893	G	A	0.5	0.04	2.42E-36
rs190976058	C	T	0.5	0.04	2.43E-36
rs140075463	A	G	0.5	0.03	2.45E-36
rs146319867	C	T	0.5	0.03	2.47E-36
rs76877551	G	A	0.5	0.04	2.48E-36
rs575931727	A	T	0.51	0.04	2.51E-36
rs560671006	A	C	1.62	0.12	2.52E-36
rs144779674	A	G	0.5	0.04	2.72E-36
rs151112955	A	G	14.48	1.15	2.74E-36
rs138451231	A	T	0.5	0.04	2.82E-36
rs537774134	A	C	0.5	0.04	2.82E-36
rs535556440	A	G	3.06	0.24	2.84E-36
rs7835213	C	G	0.5	0.04	3.01E-36

rs141363974	G	A	0.49	0.03	3.04E-36
rs149117819	C	T	0.28	0.02	3.54E-36
rs187384125	G	T	0.49	0.03	3.55E-36
rs28653413	C	T	0.51	0.04	3.64E-36
rs546592314	T	C	0.5	0.04	3.80E-36
rs148068971	G	A	0.22	0.01	3.80E-36
rs367981443	A	C	0.49	0.03	3.97E-36
rs550676452	G	T	0.49	0.03	3.99E-36
rs533735912	T	C	0.5	0.04	4.06E-36
rs144888790	C	T	0.49	0.03	4.08E-36
rs139144286	A	T	0.5	0.04	4.15E-36
rs145780338	G	A	0.5	0.03	4.26E-36
rs147514489	T	G	0.5	0.03	4.38E-36
rs114431373	A	G	0.5	0.03	4.49E-36
rs372611925	C	T	0.5	0.04	4.53E-36
rs560733884	G	A	0.78	0.06	4.54E-36
rs188309081	G	A	0.49	0.03	4.73E-36
rs114028957	T	C	0.5	0.04	4.93E-36
rs115193212	C	G	0.5	0.03	5.09E-36
rs114095866	G	C	0.59	0.04	5.10E-36
rs142343267	G	A	0.52	0.04	5.26E-36
rs534782984	C	T	0.68	0.05	5.34E-36
rs574762926	G	A	0.68	0.05	5.35E-36
rs180673408	T	G	0.51	0.04	5.43E-36
rs551286587	T	C	1.61	0.12	5.45E-36
rs550285545	A	G	0.49	0.03	5.45E-36
rs149785446	T	G	0.52	0.04	5.60E-36
rs144831509	G	A	0.45	0.03	5.64E-36
rs74567618	C	T	0.41	0.03	5.95E-36
rs371640827	A	G	0.49	0.03	5.97E-36
rs143989757	C	G	0.49	0.03	6.47E-36
rs140593409	C	T	0.5	0.04	6.51E-36
rs115405008	C	A	0.49	0.03	6.67E-36
rs149932319	C	G	0.49	0.03	6.67E-36
rs114093351	G	C	0.49	0.03	6.71E-36
rs144577137	G	A	0.54	0.04	6.76E-36
rs185542312	A	G	0.49	0.03	6.86E-36
rs75080060	G	A	0.5	0.04	6.89E-36
rs115140834	C	T	0.49	0.03	7.01E-36
rs544457357	C	G	0.49	0.03	7.05E-36
rs114989427	A	G	0.49	0.03	7.12E-36
rs560845248	G	A	0.49	0.03	7.13E-36
rs559514736	G	C	0.49	0.03	7.15E-36
rs114245479	A	G	0.48	0.03	7.23E-36
rs1637667	G	A	0.5	0.04	7.23E-36
rs115742511	T	C	0.49	0.03	7.32E-36
rs540051660	C	T	0.49	0.03	7.32E-36
rs112758029	T	C	0.51	0.04	7.41E-36
rs188125363	A	T	0.51	0.04	7.61E-36
rs114109537	T	C	0.49	0.03	7.63E-36
rs115250250	G	A	0.49	0.03	7.68E-36
rs140478961	A	G	0.49	0.03	7.69E-36
rs190957433	T	C	0.49	0.03	7.71E-36
rs560528905	A	T	0.49	0.03	7.71E-36
rs75296877	T	C	0.49	0.03	7.71E-36
rs114837441	C	T	0.49	0.03	7.75E-36
rs187599510	G	C	0.49	0.03	7.75E-36
rs116662228	A	C	0.49	0.03	7.77E-36
rs114368584	A	C	0.49	0.03	7.77E-36
rs147061540	G	A	0.49	0.03	7.78E-36
rs116628236	A	G	0.49	0.03	7.82E-36

rs114496798	G	C	0.49	0.03	7.82E-36
rs116436059	A	C	0.49	0.03	7.82E-36
rs116759104	T	C	0.49	0.03	7.82E-36
rs77710717	G	A	0.49	0.03	7.82E-36
rs144663982	C	T	0.49	0.03	7.82E-36
rs149762274	A	G	0.49	0.03	7.83E-36
rs566128210	C	T	0.49	0.03	7.84E-36
rs182246017	A	G	0.49	0.03	7.84E-36
rs115459094	T	C	0.49	0.03	7.86E-36
rs116521879	A	C	0.49	0.03	7.86E-36
rs543209827	T	C	0.49	0.03	7.86E-36
rs115400168	T	C	0.49	0.03	7.86E-36
rs114999649	T	C	0.49	0.03	7.92E-36
rs139973232	T	A	0.49	0.03	8.05E-36
rs116757173	G	A	0.49	0.03	8.08E-36
rs192230586	G	A	0.49	0.03	8.08E-36
rs114559432	A	G	0.49	0.03	8.16E-36
rs113094066	G	C	0.49	0.03	8.20E-36
rs116815243	A	G	0.77	0.06	8.32E-36
rs114487894	G	A	0.49	0.03	8.42E-36
rs568017398	A	G	0.49	0.03	8.48E-36
rs187238730	T	C	0.48	0.03	8.49E-36
rs138748399	C	T	0.46	0.03	8.53E-36
rs547329004	T	C	1.19	0.09	8.54E-36
rs528746327	A	G	3.7	0.29	8.61E-36
rs140551408	G	C	0.49	0.03	8.63E-36
rs564204251	C	T	0.49	0.03	8.67E-36
rs144714868	A	G	0.49	0.03	8.72E-36
rs191037271	A	C	0.49	0.03	8.81E-36
rs115753789	G	A	0.49	0.03	8.84E-36
rs185506127	T	G	0.49	0.03	8.84E-36
rs115188475	T	G	0.49	0.03	8.84E-36
rs189974921	G	A	0.49	0.03	8.84E-36
rs74999827	G	T	0.49	0.03	8.84E-36
rs542201038	G	A	0.49	0.03	8.84E-36
rs188950372	T	A	0.49	0.03	8.86E-36
rs552256119	T	A	0.49	0.03	8.90E-36
rs541526289	A	G	0.49	0.03	8.97E-36
rs186473027	G	A	0.5	0.04	9.09E-36
rs73938116	C	G	0.49	0.03	9.26E-36
rs183708873	C	T	0.95	0.07	9.33E-36
rs34679024	T	C	0.49	0.03	9.38E-36
rs138887648	C	T	0.49	0.03	9.41E-36
rs188016771	A	G	0.49	0.03	9.46E-36
rs530235719	G	T	0.49	0.03	9.48E-36
rs34771861	C	T	0.49	0.03	9.50E-36
rs544033356	T	C	0.49	0.03	9.50E-36
rs76549458	A	G	0.47	0.03	9.62E-36
rs79927442	T	G	0.49	0.03	9.78E-36
rs187576874	A	G	0.49	0.03	9.92E-36
rs557320207	G	A	0.49	0.04	1.01E-35
rs115222343	C	A	0.49	0.03	1.01E-35
rs115181234	T	C	0.49	0.03	1.02E-35
rs186917104	C	T	0.49	0.03	1.05E-35
rs549014167	T	C	0.63	0.05	1.05E-35
rs10279076	A	C	0.49	0.03	1.08E-35
rs78371655	A	G	0.25	0.02	1.09E-35
rs139463351	T	C	0.49	0.03	1.10E-35
rs147039529	A	G	0.49	0.03	1.12E-35
rs149894244	A	T	0.49	0.03	1.12E-35
rs554870390	C	T	0.51	0.04	1.14E-35



rs140786503	A	T	0.49	0.03	1.14E-35
rs145768546	A	G	0.76	0.06	1.15E-35
rs370455254	A	C	0.48	0.03	1.16E-35
rs146804062	T	C	0.49	0.03	1.16E-35
rs11975763	T	C	0.49	0.03	1.17E-35
rs76964334	T	C	0.49	0.03	1.17E-35
rs149483567	C	T	0.49	0.04	1.19E-35
rs145836696	T	C	0.49	0.03	1.20E-35
rs556891183	T	C	0.49	0.03	1.21E-35
rs145493601	G	T	0.51	0.04	1.22E-35
rs75348467	G	A	0.49	0.03	1.23E-35
rs114208071	C	A	0.49	0.03	1.23E-35
rs187166289	A	C	0.68	0.05	1.26E-35
rs58954865	A	G	0.69	0.05	1.26E-35
rs574350969	C	T	0.48	0.03	1.28E-35
rs11977849	C	A	0.49	0.03	1.29E-35
rs192897331	C	A	0.48	0.03	1.29E-35
rs150841954	G	A	0.48	0.03	1.29E-35
rs145043549	A	G	0.49	0.03	1.30E-35
rs78983350	T	A	0.5	0.04	1.31E-35
rs146792096	C	T	0.52	0.04	1.31E-35
rs557543482	G	A	0.49	0.03	1.31E-35
rs192940060	T	C	0.49	0.03	1.31E-35
rs183039059	C	T	0.49	0.03	1.34E-35
rs140789667	C	T	0.49	0.03	1.35E-35
rs116734289	T	C	0.49	0.03	1.36E-35
rs79418704	C	A	0.49	0.03	1.37E-35
rs150430884	A	G	0.49	0.03	1.38E-35
rs115266403	G	A	0.49	0.03	1.38E-35
rs189897090	G	A	0.9	0.07	1.39E-35
rs567910414	C	T	1.21	0.09	1.41E-35
rs115714066	C	T	0.49	0.03	1.42E-35
rs140323901	T	C	0.49	0.03	1.43E-35
rs535148571	T	A	0.49	0.03	1.50E-35
rs56239667	A	G	0.49	0.03	1.50E-35
rs150352734	G	C	0.49	0.03	1.52E-35
rs371341672	A	G	0.49	0.03	1.53E-35
rs527805103	T	C	0.49	0.03	1.55E-35
rs58631805	A	G	0.49	0.03	1.57E-35
rs190595257	A	G	0.52	0.04	1.58E-35
rs114722625	T	C	0.55	0.04	1.60E-35
rs566148463	G	A	0.49	0.03	1.60E-35
rs28399708	G	T	0.49	0.03	1.61E-35
rs115512537	A	G	0.49	0.03	1.67E-35
rs144062657	A	C	0.49	0.03	1.68E-35
3:96815119_C_A	A	C	0.48	0.03	1.69E-35
rs200910082	T	C	0.5	0.04	1.70E-35
rs544659829	C	T	0.49	0.03	1.71E-35
rs149536434	G	A	1.85	0.14	1.71E-35
rs80055568	G	A	0.49	0.03	1.72E-35
rs115931008	G	A	0.49	0.03	1.72E-35
rs116537515	G	A	0.49	0.03	1.72E-35
rs192051158	A	G	0.49	0.03	1.73E-35
rs539056244	G	A	0.49	0.03	1.76E-35
rs116237770	C	G	0.49	0.03	1.76E-35
rs114680460	G	A	0.49	0.03	1.77E-35
rs140881410	G	A	0.49	0.03	1.78E-35
rs181669827	A	T	0.48	0.03	1.78E-35
rs144889458	C	T	0.49	0.03	1.79E-35
rs116622092	C	T	0.49	0.03	1.79E-35
rs146636174	T	C	0.49	0.03	1.79E-35

rs79741833	A	G	0.49	0.03	1.79E-35
rs116639961	C	T	0.49	0.03	1.79E-35
rs78702576	T	C	0.49	0.03	1.82E-35
rs147529536	A	T	0.51	0.04	1.82E-35
rs148189202	C	A	0.75	0.06	1.83E-35
rs183210759	A	G	0.49	0.03	1.84E-35
rs114683979	A	G	0.49	0.03	1.85E-35
rs587596557	G	C	0.48	0.03	1.86E-35
rs190665688	G	C	0.49	0.03	1.86E-35
rs189074781	C	G	0.49	0.03	1.86E-35
rs147504491	T	C	125.47	10.09	1.86E-35
rs191906126	G	A	5.97	0.48	1.86E-35
rs192412206	T	C	5.45	0.43	1.86E-35
rs60152691	A	T	6.97	0.56	1.86E-35
rs1649222	G	A	0.49	0.04	1.87E-35
rs2023326	C	T	0.49	0.04	1.89E-35
rs138613228	T	A	0.49	0.03	1.90E-35
rs188214096	C	T	0.46	0.03	1.92E-35
rs200966785	T	G	0.49	0.03	1.94E-35
rs568165850	T	C	0.49	0.03	1.94E-35
rs114640267	T	C	0.28	0.02	1.94E-35
rs11977035	C	T	0.48	0.03	1.97E-35
rs6952178	G	A	0.48	0.03	1.97E-35
rs150735590	T	C	0.48	0.03	1.99E-35
rs140333498	G	A	0.53	0.04	2.02E-35
rs142980639	C	T	0.49	0.03	2.02E-35
rs549431631	T	G	0.5	0.04	2.04E-35
rs142996126	T	C	0.46	0.03	2.06E-35
rs561191843	C	A	0.49	0.03	2.08E-35
rs116223827	A	G	0.49	0.03	2.13E-35
rs116347573	C	T	0.49	0.03	2.13E-35
rs139457378	G	A	0.49	0.03	2.15E-35
rs138205131	A	T	0.49	0.03	2.17E-35
rs116519854	T	C	0.49	0.03	2.18E-35
rs115893961	C	T	0.49	0.03	2.18E-35
rs115659460	A	G	0.53	0.04	2.19E-35
rs529882430	G	A	0.48	0.03	2.20E-35
rs148859828	G	A	0.49	0.03	2.20E-35
rs186533132	C	T	0.49	0.03	2.20E-35
rs113098900	A	G	0.48	0.03	2.23E-35
rs576217781	T	G	0.49	0.03	2.23E-35
rs186857572	T	G	0.49	0.03	2.23E-35
rs554046465	T	C	0.49	0.03	2.25E-35
rs80352205	T	C	0.49	0.03	2.29E-35
rs1628727	C	G	0.49	0.03	2.32E-35
rs116126647	A	C	0.49	0.03	2.33E-35
rs184258686	T	C	0.49	0.03	2.37E-35
rs371019859	C	T	0.47	0.03	2.39E-35
rs140081600	T	G	0.48	0.03	2.41E-35
rs139862715	T	G	0.49	0.03	2.42E-35
rs148240276	G	A	0.49	0.03	2.59E-35
rs147379063	A	G	0.75	0.06	2.59E-35
rs527480600	A	G	0.48	0.03	2.62E-35
rs534577303	A	G	2.89	0.23	2.64E-35
rs150043564	C	T	0.49	0.03	2.64E-35
rs189780190	C	T	0.48	0.03	2.64E-35
rs548031136	C	T	0.49	0.03	2.65E-35
rs139258480	G	A	0.49	0.03	2.65E-35
rs530582993	G	A	0.48	0.03	2.69E-35
rs186883462	C	A	0.49	0.03	2.70E-35
rs560707318	G	A	4.52	0.36	2.76E-35

rs116760437	C	A	0.48	0.03	2.76E-35
rs146177005	T	C	0.48	0.03	2.76E-35
rs116132776	C	A	0.48	0.03	2.76E-35
rs116531960	T	G	0.48	0.03	2.76E-35
rs182657320	G	A	0.48	0.03	2.78E-35
rs115414770	T	A	0.48	0.03	2.78E-35
rs78922015	A	C	0.73	0.05	2.79E-35
rs116122675	A	G	0.48	0.03	2.81E-35
rs114030762	T	C	0.48	0.03	2.84E-35
rs138811514	A	C	0.48	0.03	2.84E-35
rs139747617	C	G	0.75	0.06	2.88E-35
rs145785443	C	A	0.48	0.03	2.89E-35
rs186048657	C	T	0.81	0.06	2.96E-35
rs191757269	C	G	0.75	0.06	2.98E-35
rs113679831	G	A	0.75	0.06	3.06E-35
rs539001116	T	G	0.48	0.03	3.07E-35
rs568520925	A	T	0.48	0.03	3.07E-35
rs181730928	G	C	0.48	0.03	3.08E-35
rs528832018	C	T	0.68	0.05	3.09E-35
rs145136914	T	C	0.48	0.03	3.15E-35
rs57096373	A	G	0.47	0.03	3.15E-35
rs192720740	A	T	0.48	0.03	3.15E-35
rs28697263	C	T	0.48	0.03	3.24E-35
rs115319608	G	C	0.48	0.03	3.27E-35
rs547985433	A	G	0.48	0.03	3.28E-35
rs188158690	G	A	0.48	0.03	3.34E-35
rs550894151	A	C	1	0.08	3.37E-35
rs139071999	T	C	0.48	0.03	3.38E-35
rs140237417	A	G	0.48	0.03	3.40E-35
rs151031852	C	G	0.48	0.03	3.41E-35
rs186272621	C	T	0.65	0.05	3.56E-35
rs78644129	C	T	0.24	0.01	3.62E-35
rs149800090	G	A	0.48	0.03	3.69E-35
rs190270306	G	T	0.68	0.05	3.74E-35
rs148119141	A	G	0.24	0.01	3.78E-35
rs77618292	T	C	0.24	0.01	3.82E-35
rs542724298	A	G	0.48	0.03	3.87E-35
rs73361977	C	T	0.48	0.03	3.88E-35
rs73361979	G	A	0.48	0.03	3.88E-35
rs143814209	T	C	0.48	0.03	3.89E-35
rs202037396	T	G	0.63	0.05	3.96E-35
rs111677319	T	C	0.48	0.03	4.01E-35
rs111754683	C	T	0.48	0.03	4.08E-35
rs182920341	T	G	0.48	0.03	4.10E-35
rs114477150	C	T	0.44	0.03	4.19E-35
rs141769059	A	G	0.48	0.03	4.20E-35
rs111970336	G	T	0.48	0.03	4.22E-35
rs73361998	T	C	0.48	0.03	4.22E-35
rs527586494	A	C	0.48	0.03	4.23E-35
rs111969270	C	T	0.48	0.03	4.23E-35
rs574030369	C	G	0.48	0.03	4.24E-35
rs57475790	T	C	0.48	0.03	4.25E-35
rs145062659	G	C	0.48	0.03	4.31E-35
rs149174671	A	G	0.48	0.03	4.32E-35
rs191888765	G	A	0.48	0.03	4.32E-35
rs566287613	C	A	0.48	0.03	4.32E-35
rs555414074	T	C	0.93	0.07	4.33E-35
rs549739538	A	G	0.48	0.03	4.35E-35
rs188542663	A	T	0.5	0.04	4.38E-35
rs193164615	C	T	0.5	0.04	4.38E-35
rs529746586	T	G	0.5	0.04	4.38E-35

rs80259386	T	A	0.48	0.03	4.40E-35
rs140498483	T	C	0.47	0.03	4.40E-35
rs148583095	A	C	0.78	0.06	4.43E-35
rs111739753	A	C	0.48	0.03	4.52E-35
rs114056252	T	G	0.67	0.05	4.58E-35
rs148856785	T	A	0.49	0.03	4.66E-35
rs184153462	C	T	0.62	0.05	4.66E-35
rs564084750	G	A	0.65	0.05	4.75E-35
rs139459110	T	G	0.48	0.03	4.77E-35
rs183135350	C	T	0.48	0.03	4.95E-35
rs548728635	T	C	0.48	0.03	5.00E-35
rs548988531	A	G	0.63	0.05	5.03E-35
rs78268741	A	C	0.48	0.03	5.04E-35
rs555454884	C	A	0.48	0.03	5.06E-35
rs182620509	C	T	0.49	0.03	5.09E-35
rs73566227	G	A	0.58	0.04	5.12E-35
rs150691817	G	A	0.5	0.04	5.20E-35
rs186115500	A	G	0.48	0.03	5.32E-35
rs139619414	T	C	0.48	0.03	5.33E-35
rs141056872	C	T	0.48	0.03	5.35E-35
rs187695937	C	T	0.48	0.03	5.37E-35
rs115647714	T	C	0.48	0.03	5.38E-35
rs185398673	C	A	0.54	0.04	5.52E-35
rs550625006	G	A	0.45	0.03	5.52E-35
rs548726684	G	C	0.48	0.03	5.52E-35
rs143027259	C	T	0.48	0.03	5.62E-35
rs1486123	T	C	0.48	0.03	5.66E-35
rs181654738	C	T	0.48	0.03	5.74E-35
rs567810642	T	C	0.48	0.03	5.74E-35
rs148050608	A	G	0.5	0.04	5.87E-35
rs185461303	T	G	0.48	0.03	5.92E-35
rs186923454	T	G	0.48	0.03	6.09E-35
rs575055475	G	A	0.48	0.03	6.10E-35
rs528984683	A	C	0.48	0.03	6.10E-35
rs546116261	T	G	0.48	0.03	6.10E-35
rs188874742	A	G	0.48	0.03	6.10E-35
rs568635939	C	T	0.48	0.03	6.10E-35
rs532262901	G	T	0.48	0.03	6.10E-35
rs563418438	T	G	0.48	0.03	6.11E-35
rs533321817	A	T	0.48	0.03	6.12E-35
rs567464324	A	C	0.48	0.03	6.12E-35
rs568285979	A	G	0.48	0.03	6.12E-35
rs573153719	C	T	0.48	0.03	6.13E-35
rs545340632	A	G	0.48	0.03	6.13E-35
rs565116217	G	A	0.48	0.03	6.13E-35
rs181277344	T	C	0.48	0.03	6.13E-35
rs375977788	T	G	0.48	0.03	6.13E-35
rs531141584	T	G	0.48	0.03	6.13E-35
rs572290483	A	T	0.48	0.03	6.13E-35
rs183707749	A	T	0.48	0.03	6.14E-35
rs188465047	C	A	0.48	0.03	6.14E-35
rs570201119	A	T	0.48	0.03	6.15E-35
rs9473463	A	G	0.48	0.03	6.15E-35
rs188488869	C	T	0.48	0.03	6.17E-35
rs189925276	C	T	0.48	0.03	6.17E-35
rs542036188	G	A	0.48	0.03	6.17E-35
rs190193068	T	C	0.48	0.03	6.17E-35
rs181780681	G	T	0.48	0.03	6.17E-35
rs182036626	T	A	0.48	0.03	6.17E-35
rs561820102	T	C	0.48	0.03	6.18E-35
rs193272600	G	A	0.48	0.03	6.34E-35

rs144873920	A	G	0.48	0.03	6.34E-35
rs184349503	G	T	0.48	0.03	6.37E-35
rs138042950	C	A	0.48	0.03	6.39E-35
rs530146530	T	C	0.48	0.03	6.45E-35
rs188407276	G	C	0.48	0.03	6.45E-35
rs527564484	A	G	0.48	0.03	6.45E-35
rs189583639	C	T	0.48	0.03	6.45E-35
rs569433094	C	T	0.48	0.03	6.45E-35
rs144121170	T	G	0.48	0.03	6.47E-35
rs188332992	C	T	0.48	0.03	6.47E-35
rs145350178	G	T	0.52	0.04	6.51E-35
rs58800903	C	G	20.59	1.67	6.61E-35
rs59816793	G	T	0.48	0.03	6.74E-35
rs533049467	A	T	0.79	0.06	6.75E-35
rs77197893	G	A	0.48	0.03	6.77E-35
rs111655306	A	G	0.48	0.03	6.84E-35
rs554806012	C	G	0.48	0.03	6.90E-35
rs571038258	T	G	0.47	0.03	6.92E-35
rs115888665	G	A	0.48	0.03	6.99E-35
rs146677288	A	G	0.47	0.03	7.01E-35
rs144797284	T	G	0.48	0.03	7.06E-35
rs187906280	G	C	0.48	0.03	7.26E-35
rs140641721	T	C	0.48	0.03	7.34E-35
rs116587980	A	G	1.2	0.09	7.38E-35
rs6963524	G	A	0.46	0.03	7.41E-35
rs149577857	G	A	0.48	0.03	7.56E-35
rs143126943	G	C	0.48	0.03	7.57E-35
rs149088569	C	G	0.48	0.03	7.57E-35
rs372881957	T	C	0.61	0.05	7.77E-35
rs115107316	A	C	0.64	0.05	7.81E-35
rs114838234	C	T	0.48	0.03	7.88E-35
rs139637612	C	G	0.48	0.03	7.94E-35
rs138137550	G	C	0.48	0.03	8.34E-35
rs190504361	A	T	0.48	0.03	8.48E-35
rs116374800	T	G	0.47	0.03	8.52E-35
rs564470299	T	C	0.48	0.03	8.85E-35
rs540062749	C	G	0.48	0.03	9.03E-35
rs145857306	T	A	0.48	0.03	9.13E-35
rs534975502	A	G	0.47	0.03	9.17E-35
rs148873663	C	T	0.48	0.03	9.19E-35
rs180713434	T	C	0.67	0.05	9.29E-35
rs555001125	T	C	0.48	0.03	9.36E-35
rs541760842	G	A	0.48	0.03	9.36E-35
rs140390592	T	C	0.48	0.03	9.37E-35
rs144372910	G	A	3.24	0.26	9.40E-35
rs535294263	T	A	0.48	0.03	9.44E-35
rs535057394	C	T	0.48	0.03	9.56E-35
rs147223407	T	C	0.48	0.03	9.58E-35
rs116316926	G	A	0.63	0.05	9.62E-35
rs73938490	G	T	0.47	0.03	9.83E-35
rs144075238	C	T	0.48	0.03	1.01E-34
rs143440158	A	G	0.48	0.03	1.01E-34
rs192070549	T	G	0.48	0.03	1.04E-34
rs11891783	A	G	0.49	0.03	1.06E-34
rs138333138	C	T	0.48	0.03	1.06E-34
rs13438831	C	T	0.48	0.03	1.10E-34
rs9871959	A	C	0.48	0.03	1.12E-34
rs79447952	G	A	6.44	0.52	1.17E-34
rs189057006	A	G	0.48	0.03	1.17E-34
rs570970485	G	A	0.48	0.03	1.18E-34
rs565397806	C	T	4.91	0.4	1.19E-34

rs113972971	T	C	0.48	0.03	1.19E-34
rs150954756	C	T	0.48	0.03	1.19E-34
rs146932250	G	A	0.5	0.04	1.19E-34
rs543526908	G	A	0.48	0.03	1.22E-34
rs146438255	T	G	0.47	0.03	1.23E-34
rs115011135	A	C	0.49	0.04	1.23E-34
rs185559056	T	A	0.48	0.03	1.25E-34
rs147988654	T	G	0.51	0.04	1.25E-34
rs368302653	T	C	0.47	0.03	1.25E-34
rs149086860	G	C	0.64	0.05	1.26E-34
rs112606319	T	C	0.48	0.03	1.27E-34
rs138580652	A	G	0.48	0.03	1.28E-34
rs12077915	G	A	0.49	0.04	1.29E-34
rs375697475	G	T	0.47	0.03	1.30E-34
rs73938492	T	C	0.47	0.03	1.36E-34
rs191857430	A	G	0.48	0.03	1.36E-34
rs144752464	A	C	0.48	0.03	1.37E-34
rs559279828	T	C	0.51	0.04	1.39E-34
rs148529015	A	G	0.48	0.03	1.39E-34
rs148881999	G	A	0.49	0.04	1.41E-34
rs143210060	C	A	0.23	0.01	1.43E-34
rs78813042	G	T	0.48	0.03	1.45E-34
rs182130596	G	A	3.46	0.28	1.47E-34
rs114131960	A	G	0.51	0.04	1.48E-34
rs151033510	C	T	0.48	0.03	1.51E-34
rs188200347	A	G	0.44	0.03	1.53E-34
rs189029142	T	A	0.47	0.03	1.54E-34
rs140693414	G	A	0.48	0.03	1.59E-34
rs79574064	T	C	0.47	0.03	1.60E-34
rs150465464	A	G	0.47	0.03	1.61E-34
rs9870549	A	T	0.48	0.03	1.65E-34
rs113446601	T	C	0.47	0.03	1.72E-34
rs145261826	G	A	0.47	0.03	1.72E-34
rs370801219	A	G	0.61	0.05	1.72E-34
rs183001110	T	C	0.53	0.04	1.76E-34
rs146059886	T	C	0.47	0.03	1.77E-34
rs77555140	G	A	0.47	0.03	1.84E-34
rs142579041	C	T	0.47	0.03	1.84E-34
rs561402778	C	T	0.48	0.03	1.85E-34
rs149014366	T	G	4.67	0.38	1.85E-34
rs587724951	T	C	0.47	0.03	1.88E-34
rs375805953	G	T	0.89	0.07	1.89E-34
rs116262785	T	G	7.15	0.58	1.93E-34
rs139516711	A	G	0.47	0.03	1.95E-34
rs142232294	C	T	0.47	0.03	1.98E-34
rs189524691	T	C	0.48	0.03	2.08E-34
rs587774450	G	C	0.47	0.03	2.09E-34
rs141244689	T	C	0.47	0.03	2.14E-34
rs567639110	C	T	0.77	0.06	2.16E-34
rs115964099	C	T	0.47	0.03	2.17E-34
rs571078374	T	A	0.5	0.04	2.18E-34
rs369874539	C	T	0.89	0.07	2.20E-34
rs112127791	A	G	0.47	0.03	2.23E-34
rs111948710	C	T	0.47	0.03	2.25E-34
rs73370692	T	C	0.47	0.03	2.25E-34
rs73370701	A	G	0.47	0.03	2.25E-34
rs73372607	C	G	0.47	0.03	2.25E-34
rs57338358	G	A	1.2	0.09	2.25E-34
rs73370626	G	A	0.47	0.03	2.27E-34
rs73370630	G	C	0.47	0.03	2.28E-34
rs112947699	C	T	0.47	0.03	2.28E-34

rs541790084	G	A	0.47	0.03	2.28E-34
rs111778068	C	A	0.47	0.03	2.30E-34
rs189893052	C	G	0.47	0.03	2.30E-34
rs73370678	C	T	0.47	0.03	2.33E-34
rs184342079	C	T	0.47	0.03	2.33E-34
rs557525162	T	C	0.47	0.03	2.33E-34
rs60083597	A	G	0.47	0.03	2.34E-34
rs147466980	A	G	0.47	0.03	2.41E-34
rs536143022	T	C	0.47	0.03	2.41E-34
rs141070844	C	T	2.58	0.21	2.43E-34
rs73370609	G	A	0.47	0.03	2.45E-34
rs112178968	C	G	0.47	0.03	2.48E-34
rs113989273	G	T	0.47	0.03	2.48E-34
rs61128682	C	T	0.47	0.03	2.48E-34
rs546813213	T	A	0.48	0.03	2.49E-34
rs144170150	A	C	0.48	0.03	2.52E-34
rs148348169	C	A	0.47	0.03	2.53E-34
rs148429459	G	A	0.51	0.04	2.56E-34
rs114549421	C	T	0.47	0.03	2.56E-34
rs182348308	A	G	0.47	0.03	2.62E-34
rs111497933	A	G	0.47	0.03	2.64E-34
rs113294600	T	C	0.47	0.03	2.70E-34
rs559288985	G	T	0.47	0.03	2.75E-34
rs151063352	T	A	0.48	0.03	2.75E-34
rs6961239	T	C	0.47	0.03	2.81E-34
rs111323327	A	G	0.47	0.03	2.82E-34
rs116447686	T	C	0.47	0.03	2.83E-34
rs58813723	A	T	0.47	0.03	2.84E-34
rs75204906	G	A	0.47	0.03	2.87E-34
rs73372635	A	G	0.47	0.03	2.91E-34
rs369474843	G	A	0.47	0.03	2.92E-34
rs115879001	G	A	0.45	0.03	2.92E-34
rs73374672	T	C	0.47	0.03	3.06E-34
rs114245153	T	C	0.89	0.07	3.13E-34
rs115639103	T	C	0.47	0.03	3.16E-34
rs543364252	T	C	0.48	0.03	3.20E-34
rs190745587	C	T	0.47	0.03	3.21E-34
rs188229008	C	T	0.47	0.03	3.23E-34
rs115569224	A	G	0.47	0.03	3.23E-34
rs149272815	A	C	0.51	0.04	3.24E-34
rs573285593	A	G	0.47	0.03	3.25E-34
rs73372702	G	T	0.47	0.03	3.29E-34
rs73374604	A	C	0.47	0.03	3.29E-34
rs73372683	A	G	0.47	0.03	3.32E-34
rs114695899	C	T	0.23	0.01	3.33E-34
rs142983325	A	G	0.47	0.03	3.43E-34
rs139655269	G	C	0.47	0.03	3.54E-34
rs190100838	T	G	0.47	0.03	3.64E-34
rs73372701	G	A	0.47	0.03	3.70E-34
rs145203449	T	C	0.47	0.03	3.71E-34
rs151113392	C	T	0.47	0.03	3.74E-34
rs570423174	T	A	0.46	0.03	3.78E-34
rs80203278	A	T	0.46	0.03	3.83E-34
rs111879896	G	T	0.47	0.03	3.86E-34
rs113013442	A	G	0.47	0.03	3.87E-34
rs571919468	A	G	0.47	0.03	3.95E-34
rs148747477	T	A	0.47	0.03	4.01E-34
rs73374668	T	C	0.47	0.03	4.02E-34
rs115329740	C	T	0.46	0.03	4.02E-34
rs114844019	C	T	0.48	0.03	4.12E-34
rs116641226	T	G	0.47	0.03	4.19E-34

rs143680428	C	G	0.47	0.03	4.20E-34
rs538420211	T	C	0.46	0.03	4.20E-34
rs187096249	A	G	0.47	0.03	4.29E-34
rs115386827	G	A	0.46	0.03	4.31E-34
rs79851809	A	T	0.46	0.03	4.33E-34
rs191799434	A	G	0.47	0.03	4.36E-34
rs150982381	T	C	0.81	0.06	4.39E-34
rs146875541	T	A	0.48	0.03	4.39E-34
rs186763912	T	C	0.47	0.03	4.39E-34
rs145389251	A	G	0.47	0.03	4.46E-34
rs377193456	C	G	0.47	0.03	4.57E-34
rs573065749	A	G	0.5	0.04	4.58E-34
rs538129918	T	C	0.82	0.06	4.71E-34
rs12058456	T	C	0.36	0.03	4.85E-34
rs73702533	G	C	0.46	0.03	4.88E-34
rs114042979	C	T	0.47	0.03	4.88E-34
rs376924924	A	G	0.47	0.03	4.89E-34
rs9883533	T	C	0.47	0.03	4.97E-34
rs115254617	A	G	0.42	0.03	5.01E-34
rs574080702	G	A	0.62	0.05	5.10E-34
rs143889742	C	G	0.46	0.03	5.15E-34
rs191619959	G	A	11.95	0.98	5.20E-34
rs114645407	T	C	0.47	0.03	5.21E-34
rs150430429	T	C	0.51	0.04	5.53E-34
rs149185233	A	G	0.44	0.03	5.61E-34
rs536544065	T	C	0.47	0.03	5.62E-34
rs75589389	G	A	0.24	0.02	5.73E-34
rs115499961	G	A	0.47	0.03	5.79E-34
rs191070706	A	G	0.62	0.05	5.85E-34
rs143101762	A	G	2.23	0.18	5.87E-34
rs141778370	G	A	0.47	0.03	5.87E-34
rs568621875	C	T	0.46	0.03	6.00E-34
rs149614371	A	T	0.46	0.03	6.02E-34
rs116052843	T	G	0.47	0.03	6.34E-34
rs116514566	G	A	0.47	0.03	6.44E-34
rs77498256	G	C	0.47	0.03	6.67E-34
rs138597930	T	C	0.46	0.03	6.80E-34
rs537455621	A	G	0.97	0.08	6.82E-34
rs115572725	C	G	0.47	0.03	6.97E-34
rs115041340	C	A	0.5	0.04	7.32E-34
rs141004397	A	T	0.72	0.05	7.35E-34
rs75057753	G	C	0.47	0.03	7.36E-34
rs78851433	A	G	0.47	0.03	7.74E-34
rs544690863	C	G	0.61	0.05	8.22E-34
rs180945596	C	G	0.46	0.03	8.25E-34
rs144318272	G	T	0.46	0.03	8.74E-34
rs73374641	T	C	0.46	0.03	8.82E-34
rs115388603	T	A	0.46	0.03	8.87E-34
rs143827562	T	C	0.46	0.03	8.95E-34
rs9858832	T	C	0.46	0.03	9.05E-34
rs138555660	T	C	0.47	0.03	9.05E-34
rs568904687	A	C	0.91	0.07	9.07E-34
rs9877745	T	C	0.46	0.03	9.07E-34
rs191209883	T	C	0.47	0.03	9.15E-34
rs560855250	T	C	0.5	0.04	9.17E-34
rs140614579	C	G	0.49	0.04	9.40E-34
rs142310208	G	A	0.35	0.02	9.68E-34
rs149864200	T	C	0.62	0.05	1.00E-33
rs76685455	A	G	0.46	0.03	1.00E-33
rs150051884	C	A	0.23	0.01	1.00E-33
rs58738618	G	C	0.44	0.03	1.02E-33



rs576852295	C	A	0.46	0.03	1.03E-33
rs183719960	C	G	0.7	0.05	1.05E-33
rs148821510	G	A	0.46	0.03	1.08E-33
rs79559930	A	G	0.46	0.03	1.11E-33
rs142622126	C	A	0.44	0.03	1.14E-33
rs531448605	T	C	0.49	0.04	1.14E-33
rs181765722	G	C	1.07	0.08	1.15E-33
rs145131629	T	A	0.46	0.03	1.17E-33
rs189565363	G	C	0.48	0.04	1.18E-33
rs181993820	A	G	0.5	0.04	1.21E-33
rs185797658	T	G	0.51	0.04	1.23E-33
rs74916353	T	C	0.43	0.03	1.27E-33
rs188131439	G	C	0.46	0.03	1.30E-33
rs571641822	A	G	0.45	0.03	1.33E-33
rs190952728	T	C	0.46	0.03	1.35E-33
rs13386226	T	C	0.58	0.04	1.38E-33
rs115953861	T	C	0.46	0.03	1.39E-33
rs140373369	G	C	0.45	0.03	1.41E-33
rs570388305	T	A	0.69	0.05	1.50E-33
rs576512950	C	A	0.46	0.03	1.52E-33
rs191197483	T	C	0.61	0.05	1.54E-33
rs145186878	T	C	0.46	0.03	1.54E-33
rs147810901	T	C	0.46	0.03	1.55E-33
rs9878584	C	T	0.46	0.03	1.61E-33
rs142779705	A	G	0.38	0.03	1.63E-33
rs554889876	C	A	0.46	0.03	1.69E-33
rs148714877	C	A	0.46	0.03	1.69E-33
rs190969680	C	T	1.06	0.08	1.70E-33
rs140639356	T	A	0.46	0.03	1.76E-33
rs144883291	A	G	0.46	0.03	1.78E-33
rs144935306	T	G	0.46	0.03	1.79E-33
rs565321843	C	A	0.46	0.03	1.81E-33
rs139637538	C	T	0.46	0.03	1.83E-33
rs193184334	A	T	0.46	0.03	1.85E-33
rs186401189	T	A	0.74	0.06	1.87E-33
rs184489934	A	G	0.46	0.03	1.88E-33
rs143712184	T	G	0.46	0.03	1.90E-33
rs11972974	C	T	0.47	0.03	1.92E-33
rs149550785	A	G	0.46	0.03	1.98E-33
rs115080764	A	T	0.46	0.03	2.03E-33
rs191940240	C	G	0.42	0.03	2.14E-33
rs188265854	A	C	0.42	0.03	2.20E-33
rs184266262	C	T	0.22	0.01	2.21E-33
rs188860889	C	T	0.46	0.03	2.23E-33
rs190906525	T	C	0.86	0.07	2.29E-33
rs111734684	C	T	0.69	0.05	2.31E-33
rs142755221	C	A	0.46	0.03	2.33E-33
rs113104811	T	C	0.46	0.03	2.33E-33
rs142675429	T	C	0.46	0.03	2.33E-33
rs574633529	C	A	0.46	0.03	2.34E-33
rs559866714	T	C	0.45	0.03	2.41E-33
rs115387779	C	T	0.61	0.05	2.41E-33
rs115410874	A	C	0.61	0.05	2.41E-33
rs192917807	G	A	0.61	0.05	2.41E-33
rs79624259	T	C	0.61	0.05	2.41E-33
rs114629404	C	G	0.61	0.05	2.43E-33
rs114335681	T	C	0.45	0.03	2.45E-33
rs6440795	G	A	0.61	0.05	2.46E-33
rs142221433	T	C	0.45	0.03	2.51E-33
rs180985737	C	T	0.46	0.03	2.52E-33
rs192631496	A	G	0.45	0.03	2.57E-33

rs562128951	T	C	0.33	0.02	2.59E-33
rs186818563	T	A	0.5	0.04	2.65E-33
rs148047457	C	T	0.39	0.03	2.68E-33
rs77770757	T	C	7.34	0.61	2.82E-33
rs143986743	C	T	0.46	0.03	2.85E-33
rs540399404	A	G	0.5	0.04	3.00E-33
rs187074115	C	G	1.69	0.14	3.01E-33
rs114958750	T	A	0.45	0.03	3.07E-33
rs149549486	A	G	0.48	0.04	3.21E-33
rs535982979	G	A	0.46	0.03	3.35E-33
rs149462432	T	A	0.57	0.04	3.38E-33
rs79903156	C	T	0.19	0.01	3.46E-33
rs115818573	A	T	0.46	0.03	3.50E-33
rs190587608	T	C	0.45	0.03	3.59E-33
rs112811749	C	T	0.45	0.03	3.65E-33
rs561504685	C	G	0.45	0.03	3.68E-33
rs28714987	T	G	0.55	0.04	3.80E-33
rs538837577	T	A	0.45	0.03	4.01E-33
rs114658626	T	A	0.24	0.02	4.01E-33
rs201464879	C	T	0.47	0.03	4.05E-33
rs112026191	C	A	0.45	0.03	4.06E-33
rs182215098	A	G	0.41	0.03	4.10E-33
rs150477929	T	C	0.45	0.03	4.11E-33
rs138142876	A	G	0.39	0.03	4.14E-33
rs116647577	T	A	0.85	0.07	4.16E-33
rs57621672	T	C	1.96	0.16	4.33E-33
rs186915364	T	G	1.03	0.08	4.36E-33
rs112726899	T	C	0.46	0.03	4.40E-33
rs139403912	C	T	0.45	0.03	4.50E-33
rs575739647	T	C	0.47	0.04	4.68E-33
rs549477637	C	T	0.45	0.03	4.81E-33
rs111996706	C	T	0.33	0.02	4.97E-33
rs140080685	T	C	0.45	0.03	5.03E-33
rs561761840	A	G	1.47	0.12	5.11E-33
rs188349118	A	G	0.46	0.03	5.30E-33
rs78701702	G	A	0.48	0.04	5.34E-33
rs112269584	A	C	0.48	0.04	5.39E-33
rs11980672	A	G	0.45	0.03	5.41E-33
rs190252139	T	G	0.47	0.03	5.56E-33
rs115921760	T	C	0.45	0.03	5.64E-33
rs115582905	A	G	0.45	0.03	5.67E-33
rs143588758	C	A	0.45	0.03	5.77E-33
rs188764938	T	C	0.45	0.03	5.81E-33
rs187681961	G	A	0.47	0.03	5.82E-33
rs74775868	C	G	0.45	0.03	5.95E-33
rs59937769	T	C	0.46	0.03	5.96E-33
rs138489150	T	C	0.45	0.03	6.06E-33
rs28434189	A	G	0.53	0.04	6.18E-33
rs146213596	T	G	0.45	0.03	6.28E-33
rs565500336	A	T	0.45	0.03	6.29E-33
rs186111097	A	G	0.58	0.04	6.55E-33
rs184958563	G	A	0.46	0.03	6.60E-33
rs142486404	A	G	0.43	0.03	6.63E-33
rs545368546	A	G	0.47	0.04	6.64E-33
rs139141252	C	G	0.48	0.04	6.71E-33
rs115836031	C	T	0.46	0.03	6.78E-33
rs144781350	T	C	0.47	0.03	7.01E-33
rs79460578	A	C	0.45	0.03	7.11E-33
rs79111202	G	A	0.45	0.03	7.29E-33
rs181810541	G	C	0.87	0.07	7.30E-33
rs113868860	G	A	0.46	0.03	7.51E-33

rs186918509	C	T	0.47	0.04	7.59E-33
rs113163574	T	C	0.47	0.04	7.69E-33
rs564201336	A	G	0.44	0.03	7.73E-33
rs142000047	C	T	0.45	0.03	7.92E-33
rs554354433	C	G	0.48	0.04	7.94E-33
rs555812365	T	G	0.44	0.03	7.96E-33
rs147633902	C	T	0.45	0.03	8.01E-33
rs181780096	T	C	0.58	0.04	8.27E-33
rs184317328	C	G	0.58	0.04	8.27E-33
rs140418063	A	G	0.49	0.04	8.33E-33
rs191854814	A	G	0.33	0.02	8.37E-33
rs571603113	A	G	0.82	0.06	8.62E-33
rs116736502	T	C	0.19	0.01	8.69E-33
rs374709014	T	C	0.85	0.07	8.94E-33
rs575452997	C	T	0.55	0.04	8.98E-33
rs141781486	G	T	0.45	0.03	9.26E-33
rs143789261	T	C	0.45	0.03	9.26E-33
rs147733200	C	A	0.45	0.03	9.26E-33
rs147984491	C	T	0.45	0.03	9.26E-33
rs151246956	T	G	0.45	0.03	9.26E-33
rs142560461	C	A	0.45	0.03	9.27E-33
rs538299971	A	G	0.47	0.04	9.88E-33
rs7047735	T	C	0.28	0.02	9.93E-33
rs142008332	T	A	0.47	0.04	9.94E-33
rs189918143	G	C	0.45	0.03	1.00E-32
rs553025341	A	G	0.45	0.03	1.03E-32
rs543589992	C	A	0.45	0.03	1.04E-32
rs76202786	G	A	0.45	0.03	1.06E-32
rs146475768	C	T	0.51	0.04	1.06E-32
rs149862649	G	A	0.44	0.03	1.07E-32
rs115662174	G	A	0.45	0.03	1.08E-32
rs116238932	T	C	1.61	0.13	1.09E-32
rs76281909	T	G	0.45	0.03	1.13E-32
rs181409065	A	G	0.45	0.03	1.13E-32
rs188401572	G	A	0.55	0.04	1.14E-32
rs75354032	T	C	0.45	0.03	1.14E-32
rs141138882	G	C	0.47	0.04	1.18E-32
rs189790640	G	A	1.27	0.1	1.19E-32
rs563618993	G	A	0.48	0.04	1.21E-32
rs140081880	T	C	0.45	0.03	1.25E-32
rs113061698	C	A	0.46	0.03	1.26E-32
rs141227551	G	A	0.45	0.03	1.29E-32
rs149312658	T	A	0.45	0.03	1.30E-32
rs115405617	G	A	0.34	0.02	1.30E-32
rs140236956	A	G	11.47	0.96	1.32E-32
rs147768153	T	G	0.44	0.03	1.32E-32
rs112652938	T	C	0.67	0.05	1.32E-32
rs73368778	T	G	0.67	0.05	1.32E-32
rs73368785	G	A	0.67	0.05	1.32E-32
rs73369503	G	A	0.67	0.05	1.32E-32
rs73368782	A	C	0.67	0.05	1.33E-32
rs370746038	G	A	0.45	0.03	1.34E-32
rs138372579	T	C	0.3	0.02	1.34E-32
rs529299243	T	C	0.45	0.03	1.35E-32
rs549593453	T	G	0.47	0.04	1.39E-32
rs534258372	A	G	0.45	0.03	1.40E-32
rs115251990	T	C	0.52	0.04	1.41E-32
rs140784672	A	T	0.45	0.03	1.41E-32
rs186116345	T	G	0.15	0.01	1.41E-32
rs150939841	A	G	0.26	0.02	1.44E-32
rs144806714	A	G	0.41	0.03	1.57E-32

rs375979300	C	T	0.45	0.03	1.57E-32
rs140108609	T	C	0.44	0.03	1.59E-32
rs138013422	T	C	0.45	0.03	1.64E-32
rs113955566	T	C	0.44	0.03	1.66E-32
rs140462461	C	T	0.45	0.03	1.66E-32
rs186665775	T	G	0.44	0.03	1.67E-32
rs191519984	A	T	0.44	0.03	1.67E-32
rs142632182	A	C	0.45	0.03	1.67E-32
rs115852965	C	T	0.46	0.03	1.70E-32
rs368189106	C	T	0.45	0.03	1.76E-32
rs111726847	T	C	0.63	0.05	1.78E-32
rs75649414	A	T	0.19	0.01	1.80E-32
rs116293760	G	A	0.44	0.03	1.81E-32
rs181022179	T	C	0.44	0.03	1.82E-32
rs147610800	T	C	0.44	0.03	1.82E-32
rs28615677	A	C	0.48	0.04	1.86E-32
rs139533854	A	G	0.45	0.03	1.87E-32
rs140632656	T	G	0.44	0.03	1.87E-32
rs537753483	G	C	0.41	0.03	1.88E-32
rs140257763	C	T	0.44	0.03	1.90E-32
rs6466687	A	G	0.46	0.03	1.97E-32
rs139492536	C	T	0.46	0.03	2.01E-32
rs111952110	A	G	0.44	0.03	2.12E-32
rs192224276	G	A	0.44	0.03	2.24E-32
rs191732022	T	C	0.44	0.03	2.26E-32
rs140463332	A	G	0.44	0.03	2.27E-32
rs577542793	A	C	0.44	0.03	2.28E-32
rs185486660	G	A	0.44	0.03	2.32E-32
rs116973969	T	C	0.44	0.03	2.33E-32
rs147876266	G	A	0.5	0.04	2.36E-32
rs114058379	A	G	0.44	0.03	2.37E-32
rs139875418	A	G	0.93	0.07	2.41E-32
rs147390509	G	C	0.46	0.03	2.43E-32
rs112620050	A	G	0.44	0.03	2.46E-32
rs528097110	C	G	0.47	0.04	2.57E-32
rs112427880	A	C	0.46	0.03	2.63E-32
rs115128799	G	A	0.44	0.03	2.65E-32
rs139083844	T	C	0.52	0.04	2.66E-32
rs138398452	G	A	0.45	0.03	2.71E-32
rs297164	C	T	0.5	0.04	2.75E-32
rs115116498	T	A	0.44	0.03	2.87E-32
rs191095561	T	A	0.44	0.03	2.93E-32
rs76448103	A	C	0.44	0.03	2.98E-32
rs181502691	T	G	0.44	0.03	2.99E-32
rs555191667	T	A	0.44	0.03	2.99E-32
rs190021611	G	A	0.45	0.03	3.02E-32
rs562805963	C	T	0.44	0.03	3.02E-32
rs189525648	T	C	0.44	0.03	3.02E-32
rs557114015	T	C	0.44	0.03	3.16E-32
rs140484802	T	G	0.44	0.03	3.17E-32
rs151254038	T	G	0.46	0.03	3.19E-32
rs141804663	A	G	0.44	0.03	3.20E-32
rs540195772	C	A	0.39	0.03	3.24E-32
rs138560724	G	A	0.55	0.04	3.26E-32
rs189872001	A	G	0.44	0.03	3.28E-32
rs111961175	G	A	0.44	0.03	3.30E-32
rs184045756	G	A	0.44	0.03	3.32E-32
rs568095756	C	A	0.43	0.03	3.40E-32
rs6723246	C	T	0.44	0.03	3.40E-32
rs143476624	T	C	0.21	0.01	3.40E-32
rs79941155	G	A	0.44	0.03	3.41E-32

rs184647477	C	G	0.44	0.03	3.56E-32
rs139288031	C	T	0.51	0.04	3.68E-32
rs182907949	A	G	0.68	0.05	3.68E-32
rs116646950	G	T	0.44	0.03	3.78E-32
rs182322812	C	T	0.57	0.04	3.85E-32
rs111802944	A	G	0.44	0.03	3.95E-32
rs113904011	A	G	0.44	0.03	4.06E-32
rs148930899	C	G	0.43	0.03	4.12E-32
rs190403369	T	C	0.65	0.05	4.14E-32
rs191648006	C	T	0.44	0.03	4.17E-32
rs199579547	C	T	0.44	0.03	4.36E-32
rs114783990	G	A	0.44	0.03	4.44E-32
rs12092524	C	A	0.34	0.02	4.47E-32
rs186946360	C	T	0.44	0.03	4.50E-32
rs371923789	G	A	0.44	0.03	4.50E-32
rs142802654	T	G	0.45	0.03	4.51E-32
rs369987773	T	C	0.44	0.03	4.68E-32
rs147964715	T	G	0.44	0.03	4.70E-32
rs76322034	T	C	0.44	0.03	4.73E-32
rs533251852	A	G	0.44	0.03	4.77E-32
rs74471651	T	G	0.44	0.03	4.87E-32
rs114072249	C	A	0.44	0.03	4.87E-32
rs78527207	G	A	0.53	0.04	4.91E-32
rs575086848	A	G	0.44	0.03	5.07E-32
rs529655616	A	G	0.44	0.03	5.17E-32
rs572759332	G	A	0.43	0.03	5.36E-32
rs142651532	G	T	0.44	0.03	5.38E-32
rs144818155	C	T	0.44	0.03	5.41E-32
rs114625119	T	C	0.22	0.01	5.47E-32
rs369664793	A	G	0.44	0.03	5.49E-32
rs529184392	G	A	0.7	0.05	5.56E-32
rs73099067	G	T	0.44	0.03	5.70E-32
rs532798238	T	C	0.44	0.03	5.84E-32
rs191553405	T	C	0.44	0.03	5.85E-32
rs181647143	A	G	0.44	0.03	5.90E-32
rs76348226	C	T	0.22	0.01	5.97E-32
rs149645236	C	G	0.44	0.03	6.06E-32
rs548850383	C	T	0.44	0.03	6.11E-32
rs151134348	T	C	0.44	0.03	6.22E-32
rs114924021	T	C	0.44	0.03	6.26E-32
rs555710163	A	G	0.44	0.03	6.50E-32
rs116613919	A	G	0.44	0.03	6.62E-32
rs544972385	T	C	0.44	0.03	6.94E-32
rs546792729	T	C	0.69	0.05	6.94E-32
rs144104947	C	A	0.88	0.07	7.12E-32
rs550740321	A	C	0.46	0.03	7.16E-32
rs72975060	C	T	0.44	0.03	7.28E-32
rs577467057	G	C	0.44	0.03	7.36E-32
rs150111350	G	T	0.68	0.05	7.45E-32
rs138660609	C	T	0.43	0.03	7.57E-32
rs115732390	A	G	0.43	0.03	7.57E-32
rs182067070	T	C	0.7	0.05	7.59E-32
rs186699285	G	A	0.58	0.04	7.75E-32
rs76689252	G	T	0.15	0.01	8.03E-32
rs188388334	A	G	0.44	0.03	8.28E-32
rs182716023	T	A	0.43	0.03	8.29E-32
rs184541467	A	G	0.43	0.03	8.29E-32
rs193139492	A	C	0.43	0.03	8.29E-32
rs530571477	G	A	0.43	0.03	8.29E-32
rs183573426	C	G	0.43	0.03	8.29E-32
rs180738599	C	A	0.43	0.03	8.29E-32

rs184493918	T	G	0.43	0.03	8.29E-32
rs186016373	C	T	0.43	0.03	8.29E-32
rs191812230	G	T	0.37	0.03	8.33E-32
rs146952551	C	A	1.87	0.15	8.40E-32
rs537313913	G	T	0.43	0.03	8.43E-32
rs149502232	G	A	0.43	0.03	8.44E-32
rs371608143	A	C	0.43	0.03	8.52E-32
rs149840439	C	T	0.43	0.03	8.58E-32
rs553016759	T	A	0.43	0.03	8.77E-32
rs75652113	C	A	0.55	0.04	8.95E-32
rs187531180	G	A	0.43	0.03	9.07E-32
rs149261291	A	G	0.44	0.03	9.12E-32
rs139183749	G	A	0.44	0.03	9.25E-32
rs112797859	C	T	0.43	0.03	9.28E-32
rs367955645	T	G	0.43	0.03	9.29E-32
rs139594801	C	T	0.43	0.03	9.34E-32
rs181770914	T	C	8.7	0.74	9.38E-32
rs181490124	T	C	0.44	0.03	9.49E-32
rs79345547	C	G	0.44	0.03	9.52E-32
rs181884164	A	C	0.43	0.03	9.54E-32
rs563399929	T	A	0.43	0.03	9.97E-32
rs76928405	T	A	0.44	0.03	9.98E-32
rs115591842	G	A	0.43	0.03	1.01E-31
rs564184530	C	A	0.44	0.03	1.04E-31
rs150120027	C	T	0.48	0.04	1.08E-31
rs78497450	C	T	0.44	0.03	1.10E-31
rs571576119	A	C	1.45	0.12	1.11E-31
rs375672622	G	A	0.43	0.03	1.13E-31
rs114843069	A	T	0.41	0.03	1.13E-31
rs192292547	C	T	0.46	0.03	1.14E-31
rs115076088	A	G	0.27	0.02	1.17E-31
rs573838845	A	G	0.22	0.01	1.22E-31
rs75759391	A	G	0.43	0.03	1.24E-31
rs76097484	T	C	0.43	0.03	1.28E-31
rs181030116	T	A	0.43	0.03	1.28E-31
rs17088174	T	C	0.44	0.03	1.31E-31
rs9866574	A	C	0.44	0.03	1.36E-31
rs114271312	G	A	0.64	0.05	1.36E-31
rs150205922	A	C	0.45	0.03	1.38E-31
rs74349721	A	G	0.43	0.03	1.38E-31
rs189115032	A	C	0.43	0.03	1.38E-31
rs139841989	A	G	0.44	0.03	1.40E-31
rs576930090	A	G	0.54	0.04	1.43E-31
rs115112948	C	T	0.43	0.03	1.45E-31
rs112804447	G	A	0.44	0.03	1.49E-31
rs189113374	A	C	0.43	0.03	1.53E-31
rs576897304	G	A	2.24	0.19	1.59E-31
rs147970502	G	A	0.47	0.04	1.60E-31
rs544510625	C	A	0.41	0.03	1.62E-31
rs148859594	T	C	0.43	0.03	1.62E-31
rs138523014	T	C	0.45	0.03	1.67E-31
rs114278563	C	G	0.43	0.03	1.68E-31
rs138084839	G	A	0.41	0.03	1.73E-31
rs185323306	G	C	0.42	0.03	1.76E-31
rs192446599	C	T	0.15	0.01	1.77E-31
rs145914141	G	A	0.43	0.03	1.80E-31
rs140974794	A	G	0.43	0.03	1.80E-31
rs144377269	T	C	0.43	0.03	1.83E-31
rs140267529	T	A	0.43	0.03	1.87E-31
rs142856344	C	A	0.43	0.03	1.87E-31
rs116622230	A	C	0.39	0.03	1.89E-31

rs114771796	C	A	0.43	0.03	1.89E-31
rs149243610	A	G	0.45	0.03	1.98E-31
rs147198674	C	T	0.53	0.04	1.99E-31
rs111898294	T	C	0.42	0.03	2.01E-31
rs181874068	C	A	0.43	0.03	2.04E-31
rs140976020	C	G	0.43	0.03	2.07E-31
rs139171625	A	G	0.4	0.03	2.11E-31
rs6847375	G	A	1.58	0.13	2.12E-31
rs16836330	C	A	0.45	0.03	2.12E-31
rs74618195	G	T	0.21	0.01	2.16E-31
rs6727549	T	C	0.43	0.03	2.18E-31
rs146162308	G	A	0.21	0.01	2.27E-31
rs141270420	C	T	0.29	0.02	2.27E-31
rs74573158	C	T	0.43	0.03	2.27E-31
rs116418312	A	G	0.43	0.03	2.35E-31
rs10168948	G	A	0.43	0.03	2.46E-31
rs79777424	T	C	0.43	0.03	2.47E-31
rs193246071	A	C	0.45	0.03	2.48E-31
rs116679499	T	C	0.74	0.06	2.49E-31
rs370124989	T	C	0.53	0.04	2.57E-31
rs140683543	G	A	0.52	0.04	2.66E-31
rs149329033	G	T	0.47	0.04	2.66E-31
rs114530695	C	G	0.43	0.03	2.66E-31
rs112760752	T	C	0.43	0.03	2.67E-31
rs528800856	C	T	0.48	0.04	2.70E-31
rs375287582	A	C	0.66	0.05	2.74E-31
rs144191685	T	G	0.47	0.04	2.82E-31
rs150490038	T	C	0.43	0.03	2.85E-31
rs79634797	G	C	0.59	0.05	2.90E-31
rs193010697	A	G	0.79	0.06	2.90E-31
rs151088890	T	C	0.43	0.03	2.93E-31
rs144029397	A	G	0.42	0.03	2.95E-31
rs184886314	T	G	0.85	0.07	2.96E-31
rs528939854	C	T	0.43	0.03	2.98E-31
rs570519506	A	G	0.42	0.03	3.00E-31
rs142409203	A	C	0.42	0.03	3.08E-31
rs141877358	G	A	0.43	0.03	3.09E-31
rs570268680	A	C	0.43	0.03	3.30E-31
rs138091364	C	G	0.43	0.03	3.36E-31
rs112582503	A	G	0.43	0.03	3.45E-31
rs113461886	T	C	0.43	0.03	3.45E-31
rs182273489	G	A	0.6	0.05	3.45E-31
rs190086105	A	G	0.46	0.04	3.47E-31
rs148650147	G	T	0.42	0.03	3.67E-31
rs76094909	T	C	0.43	0.03	3.74E-31
rs143499956	A	G	0.43	0.03	3.89E-31
rs541219316	G	A	0.48	0.04	3.89E-31
rs114706289	A	G	0.43	0.03	3.90E-31
rs73547153	A	T	0.43	0.03	4.03E-31
rs142724072	T	G	0.44	0.03	4.22E-31
rs147392867	T	C	0.44	0.03	4.52E-31
rs190978984	G	A	0.43	0.03	4.61E-31
rs183579329	G	A	0.42	0.03	4.81E-31
rs560137332	G	C	0.42	0.03	4.83E-31
rs146503900	T	C	0.99	0.08	4.91E-31
rs193079203	A	G	0.86	0.07	4.94E-31
rs542410840	T	C	0.14	0.01	4.97E-31
rs138800026	T	C	0.43	0.03	4.99E-31
rs547796112	G	A	0.45	0.03	5.03E-31
rs116758912	A	C	0.42	0.03	5.15E-31
rs527666654	G	A	0.21	0.01	5.33E-31

rs149209549	T	C	0.42	0.03	5.41E-31
rs140044111	A	G	0.77	0.06	5.47E-31
rs184909900	T	C	0.42	0.03	5.63E-31
rs532065260	C	G	0.42	0.03	5.73E-31
rs184408668	A	T	0.42	0.03	5.76E-31
rs61201539	A	T	0.56	0.04	5.77E-31
rs115541871	T	G	0.42	0.03	6.04E-31
rs73564257	G	A	0.64	0.05	6.22E-31
rs80275209	A	C	0.21	0.01	6.38E-31
rs115980117	C	T	0.41	0.03	6.53E-31
rs144474156	G	A	0.42	0.03	6.55E-31
rs112638260	G	C	0.63	0.05	6.63E-31
rs116304434	T	C	0.43	0.03	6.64E-31
rs138925035	A	G	0.44	0.03	6.70E-31
rs148838985	T	A	1.35	0.11	6.79E-31
rs73787754	G	A	0.42	0.03	6.95E-31
rs181184748	C	A	0.42	0.03	7.02E-31
rs558042442	G	A	0.46	0.04	7.14E-31
rs145512021	T	C	0.48	0.04	7.37E-31
rs149978796	C	T	0.74	0.06	7.39E-31
rs547957683	A	C	0.42	0.03	7.42E-31
rs190507572	C	T	0.39	0.03	7.51E-31
rs193103528	T	C	0.41	0.03	7.72E-31
rs116478704	A	C	0.42	0.03	7.86E-31
rs182390498	C	T	0.42	0.03	7.86E-31
rs188241397	T	G	0.46	0.04	8.12E-31
rs185189694	T	C	0.42	0.03	8.15E-31
rs144779960	T	C	0.42	0.03	8.28E-31
rs28687359	T	G	0.42	0.03	8.31E-31
rs191108098	G	A	0.46	0.04	8.42E-31
rs115522420	C	G	0.43	0.03	8.50E-31
rs140344679	A	G	0.44	0.03	8.67E-31
rs139994004	T	C	0.43	0.03	8.70E-31
rs112646885	T	C	0.21	0.01	8.80E-31
rs191685368	C	G	0.21	0.01	8.92E-31
rs200287463	A	G	0.52	0.04	9.06E-31
rs144971640	C	A	0.19	0.01	9.13E-31
rs142899611	A	T	0.44	0.03	9.56E-31
rs140804669	G	T	0.43	0.03	9.66E-31
rs562489044	G	C	0.28	0.02	1.01E-30
rs139641578	T	G	0.42	0.03	1.02E-30
rs114676625	G	A	0.42	0.03	1.02E-30
rs114168185	G	A	0.47	0.04	1.02E-30
rs531968802	A	G	0.48	0.04	1.03E-30
rs113005979	T	C	0.43	0.03	1.04E-30
rs77528812	T	C	0.42	0.03	1.04E-30
rs183524183	A	G	0.47	0.04	1.06E-30
rs78842906	T	G	0.36	0.03	1.07E-30
rs145569348	T	A	0.2	0.01	1.12E-30
rs75982970	G	A	0.42	0.03	1.14E-30
rs547633363	A	G	1.03	0.08	1.14E-30
rs188536818	C	A	0.42	0.03	1.16E-30
rs147031974	T	C	0.48	0.04	1.18E-30
rs78215311	A	T	0.2	0.01	1.20E-30
rs561759084	G	A	0.45	0.03	1.22E-30
rs575134953	T	A	0.39	0.03	1.25E-30
rs114550187	G	T	0.42	0.03	1.26E-30
rs144607457	C	G	0.42	0.03	1.28E-30
rs78766641	C	T	0.42	0.03	1.30E-30
rs28535927	T	C	0.58	0.05	1.31E-30
rs554411853	G	C	0.51	0.04	1.31E-30



rs188572871	A	G	0.42	0.03	1.31E-30
rs373961091	G	C	0.42	0.03	1.32E-30
rs531079219	A	T	0.42	0.03	1.37E-30
rs568293632	C	A	2.9	0.25	1.40E-30
rs370522467	G	A	0.63	0.05	1.41E-30
rs114949594	C	T	1.15	0.1	1.45E-30
rs185397068	A	T	0.42	0.03	1.46E-30
rs115150107	T	C	0.42	0.03	1.49E-30
rs183729052	A	C	2.79	0.24	1.49E-30
rs146829515	G	T	0.21	0.01	1.50E-30
rs75483151	G	A	0.42	0.03	1.51E-30
rs555751413	C	T	0.42	0.03	1.53E-30
rs141570447	A	T	1.57	0.13	1.54E-30
rs189230014	A	T	0.55	0.04	1.59E-30
rs73854353	G	C	0.42	0.03	1.64E-30
rs188135861	G	A	0.42	0.03	1.65E-30
rs183896325	A	G	0.72	0.06	1.74E-30
rs193284922	A	G	0.42	0.03	1.74E-30
rs114219116	C	G	0.42	0.03	1.76E-30
rs141223013	T	C	0.44	0.03	1.78E-30
rs544418959	C	T	0.68	0.05	1.80E-30
rs527903505	A	G	0.42	0.03	1.82E-30
rs116291131	T	G	0.41	0.03	1.83E-30
rs149388762	G	C	0.41	0.03	1.95E-30
rs190378716	T	C	0.41	0.03	2.00E-30
rs140760510	G	C	0.42	0.03	2.01E-30
rs114825389	C	T	0.42	0.03	2.01E-30
rs73099051	T	G	0.41	0.03	2.02E-30
rs145847516	C	T	0.41	0.03	2.08E-30
rs115959689	T	C	0.42	0.03	2.08E-30
rs137962773	A	G	0.42	0.03	2.21E-30
rs550590116	T	C	0.46	0.04	2.25E-30
rs560985407	G	A	0.42	0.03	2.28E-30
rs144603558	A	T	0.41	0.03	2.31E-30
rs190810584	G	C	0.38	0.03	2.37E-30
rs116651972	C	G	0.42	0.03	2.38E-30
rs527597228	A	T	0.38	0.03	2.39E-30
rs140042295	A	G	0.26	0.02	2.44E-30
rs141304947	C	A	0.41	0.03	2.45E-30
rs147423397	G	A	0.42	0.03	2.48E-30
rs73709205	A	G	0.42	0.03	2.48E-30
rs143651116	T	C	0.41	0.03	2.56E-30
rs568719035	A	G	0.41	0.03	2.56E-30
rs113649117	T	C	0.42	0.03	2.60E-30
rs188610921	T	C	0.41	0.03	2.63E-30
rs78381384	C	T	0.14	0.01	2.65E-30
rs549698260	G	T	0.66	0.05	2.74E-30
rs115466158	C	T	0.41	0.03	2.81E-30
rs144548033	G	A	0.42	0.03	2.84E-30
rs539098711	G	A	0.41	0.03	2.88E-30
rs565876082	C	T	0.41	0.03	2.88E-30
rs150489688	C	G	0.42	0.03	2.94E-30
rs115722493	T	G	0.41	0.03	2.94E-30
rs148651161	C	T	0.41	0.03	2.97E-30
rs115870224	A	G	0.21	0.01	2.98E-30
rs539407133	G	A	0.44	0.03	3.02E-30
rs184193379	A	G	0.62	0.05	3.09E-30
rs147265574	C	T	0.41	0.03	3.15E-30
rs187856218	G	A	0.41	0.03	3.17E-30
rs58848379	T	C	11.8	1.03	3.17E-30
rs10119970	T	C	0.65	0.05	3.28E-30

rs116333302	C	T	0.41	0.03	3.33E-30
rs116786623	T	C	0.42	0.03	3.34E-30
rs6889718	T	C	0.21	0.01	3.60E-30
rs145610573	A	G	0.43	0.03	3.60E-30
rs186736938	G	C	0.41	0.03	3.64E-30
rs78851674	T	G	0.41	0.03	3.67E-30
rs117040271	A	G	0.42	0.03	3.70E-30
rs573888827	C	A	0.41	0.03	3.80E-30
rs190199765	A	G	0.41	0.03	3.89E-30
rs550998859	A	C	0.41	0.03	3.89E-30
rs58422484	T	C	0.46	0.04	3.96E-30
rs372179469	T	C	0.68	0.05	4.01E-30
rs564664043	G	T	0.41	0.03	4.02E-30
rs10093610	C	T	0.4	0.03	4.15E-30
rs368684193	A	G	0.42	0.03	4.21E-30
rs369246862	A	G	0.39	0.03	4.28E-30
rs116455352	G	T	0.41	0.03	4.30E-30
rs115152816	T	C	0.41	0.03	4.30E-30
rs538503821	C	T	0.98	0.08	4.38E-30
rs145705837	T	G	0.89	0.07	4.38E-30
rs78289759	C	T	0.2	0.01	4.38E-30
rs187475535	A	G	1.51	0.13	4.39E-30
rs114588955	T	C	0.41	0.03	4.39E-30
rs191185986	A	G	0.41	0.03	4.46E-30
rs114214036	G	T	0.2	0.01	4.53E-30
rs78756063	T	A	0.41	0.03	4.53E-30
rs144843301	T	C	0.56	0.04	4.59E-30
rs575290306	G	A	0.41	0.03	4.61E-30
rs377078682	C	T	0.4	0.03	4.64E-30
rs116481028	C	G	0.2	0.01	4.79E-30
rs139003490	T	A	0.49	0.04	4.81E-30
rs146318003	G	T	8.21	0.72	4.85E-30
rs116962496	C	G	0.42	0.03	4.91E-30
rs151052380	G	C	0.41	0.03	4.96E-30
rs137874871	G	C	0.41	0.03	5.20E-30
rs190850169	C	T	0.41	0.03	5.20E-30
rs146386556	G	A	0.41	0.03	5.23E-30
rs537419846	G	A	0.41	0.03	5.26E-30
rs111746316	T	C	0.41	0.03	5.35E-30
rs144543606	A	G	0.53	0.04	5.35E-30
rs140125295	T	C	0.19	0.01	5.41E-30
rs144825784	T	G	0.76	0.06	5.50E-30
rs184013439	A	C	0.41	0.03	5.52E-30
rs78535046	T	C	0.41	0.03	5.62E-30
rs146049328	C	A	0.4	0.03	5.63E-30
rs139492518	C	G	0.41	0.03	5.68E-30
rs114168615	G	A	0.2	0.01	5.70E-30
rs148112941	C	G	0.41	0.03	5.77E-30
rs187164759	G	A	0.2	0.01	5.84E-30
rs150576645	G	C	0.53	0.04	6.06E-30
rs553072364	T	C	1.45	0.12	6.11E-30
rs184367722	G	A	0.41	0.03	6.14E-30
rs115149380	A	G	0.2	0.01	6.18E-30
rs557293194	T	C	0.41	0.03	6.23E-30
rs116663779	T	A	0.4	0.03	6.27E-30
rs147349550	T	C	0.53	0.04	6.30E-30
rs138251919	A	C	0.83	0.07	6.36E-30
rs142934279	T	C	0.41	0.03	6.61E-30
rs545374226	T	C	1	0.08	6.64E-30
rs149406312	A	G	0.53	0.04	6.73E-30
rs184498613	A	G	0.88	0.07	6.77E-30

rs186187880	A	G	0.39	0.03	7.01E-30
rs79645632	G	A	0.41	0.03	7.04E-30
rs141951524	A	G	0.53	0.04	7.16E-30
rs74378080	T	C	0.41	0.03	7.29E-30
rs114508172	C	A	0.42	0.03	7.30E-30
rs115618770	A	G	0.41	0.03	7.30E-30
rs542640479	C	T	0.41	0.03	7.30E-30
rs78319881	G	A	0.47	0.04	7.32E-30
rs146386561	C	T	0.4	0.03	7.36E-30
rs138239747	G	A	0.41	0.03	7.38E-30
rs142971453	A	G	0.41	0.03	7.38E-30
rs192496342	G	A	0.42	0.03	7.47E-30
rs185625595	C	G	0.34	0.03	7.55E-30
rs368397592	G	A	0.41	0.03	7.75E-30
rs368939379	T	C	0.41	0.03	7.75E-30
rs369128383	A	G	0.41	0.03	7.75E-30
rs370279386	A	G	0.41	0.03	7.75E-30
rs375314313	T	G	0.41	0.03	7.75E-30
rs377128745	C	G	0.41	0.03	7.75E-30
rs565157948	A	C	0.41	0.03	7.75E-30
rs144072848	T	C	0.41	0.03	7.86E-30
rs114503648	A	C	0.4	0.03	8.17E-30
rs147831198	T	C	0.46	0.04	8.57E-30
rs116074765	A	G	0.41	0.03	8.68E-30
rs146672607	G	C	0.19	0.01	8.75E-30
rs186334196	T	C	1.49	0.13	9.19E-30
rs368716116	G	A	0.41	0.03	9.22E-30
rs79766023	A	T	0.41	0.03	9.24E-30
rs529291643	T	C	0.41	0.03	9.36E-30
rs114687766	A	G	0.85	0.07	9.47E-30
rs369785411	C	T	0.41	0.03	9.55E-30
rs146068782	A	G	0.48	0.04	9.63E-30
rs28645259	G	A	0.41	0.03	9.86E-30
rs188975945	T	C	0.72	0.06	9.92E-30
rs376202353	T	C	0.41	0.03	9.99E-30
rs6802505	A	C	0.41	0.03	9.99E-30
rs187005361	C	T	0.32	0.02	1.00E-29
rs377399159	C	A	0.41	0.03	1.01E-29
rs147227089	C	G	0.4	0.03	1.02E-29
rs147711327	G	C	0.4	0.03	1.03E-29
rs28710413	G	A	0.4	0.03	1.03E-29
rs151234696	G	A	0.7	0.06	1.05E-29
rs367728788	T	C	0.41	0.03	1.05E-29
rs147986029	A	G	0.41	0.03	1.06E-29
rs185710379	A	G	0.4	0.03	1.06E-29
rs10106011	T	C	0.4	0.03	1.07E-29
rs28508489	G	C	0.4	0.03	1.08E-29
rs571367965	A	G	0.4	0.03	1.10E-29
rs188659408	C	G	0.44	0.03	1.11E-29
rs77056098	G	A	0.2	0.01	1.12E-29
rs559968073	A	G	0.41	0.03	1.12E-29
rs554140361	A	G	1	0.08	1.13E-29
rs76064860	A	G	0.4	0.03	1.16E-29
rs79254961	A	G	0.2	0.01	1.16E-29
rs149836415	G	A	0.42	0.03	1.16E-29
rs181164159	A	G	0.4	0.03	1.17E-29
rs137963443	A	C	0.4	0.03	1.18E-29
rs148063847	A	G	0.4	0.03	1.18E-29
rs146316052	T	G	0.4	0.03	1.19E-29
rs572400173	A	G	0.2	0.01	1.19E-29
rs191735073	T	C	0.41	0.03	1.19E-29

rs184969833	G	C	0.44	0.03	1.23E-29
rs555360863	T	C	0.4	0.03	1.23E-29
rs551940950	G	A	0.37	0.03	1.25E-29
rs181298510	A	G	0.61	0.05	1.26E-29
rs542952131	A	G	0.2	0.01	1.28E-29
rs115768935	A	G	0.41	0.03	1.30E-29
rs138637423	A	G	0.39	0.03	1.32E-29
rs186833592	C	A	0.54	0.04	1.39E-29
rs113076341	G	C	0.4	0.03	1.42E-29
rs556549360	T	C	0.4	0.03	1.44E-29
rs142027066	G	A	0.44	0.03	1.50E-29
rs151193971	C	T	0.32	0.02	1.51E-29
rs549742448	T	G	0.44	0.03	1.55E-29
rs183530472	C	A	0.4	0.03	1.55E-29
rs114147086	A	G	1.44	0.12	1.56E-29
rs190621337	G	A	0.72	0.06	1.60E-29
rs115185958	T	G	0.43	0.03	1.60E-29
rs116105337	G	A	0.41	0.03	1.61E-29
rs560186989	A	T	0.41	0.03	1.62E-29
rs538800100	G	C	0.4	0.03	1.64E-29
rs78032460	T	C	0.32	0.02	1.65E-29
rs75443241	A	G	0.42	0.03	1.66E-29
rs192697001	T	C	0.4	0.03	1.67E-29
rs116415735	C	T	0.4	0.03	1.73E-29
rs58701016	T	C	0.4	0.03	1.77E-29
rs193274515	G	A	0.5	0.04	1.77E-29
rs149285039	G	A	0.4	0.03	1.79E-29
rs140007336	T	C	0.4	0.03	1.82E-29
rs187614863	T	A	0.46	0.04	1.83E-29
rs151243908	C	G	0.54	0.04	1.86E-29
rs147456528	A	C	0.4	0.03	1.86E-29
rs137980465	T	A	0.4	0.03	1.86E-29
rs563825169	A	G	0.32	0.02	1.91E-29
rs114451168	G	A	0.3	0.02	1.92E-29
rs150546952	G	A	0.4	0.03	1.99E-29
rs148840318	C	T	0.4	0.03	2.02E-29
rs186048354	G	A	34.26	3.04	2.04E-29
rs76223342	G	A	0.42	0.03	2.06E-29
rs147126993	G	T	0.4	0.03	2.07E-29
rs148979258	G	A	0.4	0.03	2.07E-29
rs150208635	A	G	0.4	0.03	2.07E-29
rs185412712	C	T	0.4	0.03	2.09E-29
rs559085400	G	A	0.4	0.03	2.12E-29
rs566222260	T	C	0.41	0.03	2.12E-29
rs137884922	T	C	0.46	0.04	2.12E-29
rs560892022	C	A	0.95	0.08	2.14E-29
rs563301381	C	T	0.23	0.02	2.23E-29
rs188882129	A	G	0.5	0.04	2.23E-29
rs151304304	T	A	0.4	0.03	2.31E-29
rs79525917	T	C	0.46	0.04	2.32E-29
rs372540714	C	A	0.4	0.03	2.34E-29
rs145106733	G	A	0.29	0.02	2.34E-29
rs75966664	G	A	0.4	0.03	2.35E-29
rs145382842	G	A	0.45	0.04	2.36E-29
rs138890266	T	C	0.4	0.03	2.38E-29
rs539066200	T	C	0.81	0.07	2.54E-29
rs150818493	A	G	0.4	0.03	2.61E-29
rs191378099	G	A	0.14	0.01	2.62E-29
rs187516340	G	A	0.49	0.04	2.65E-29
rs189597440	A	G	0.32	0.02	2.76E-29
rs191916505	T	C	1.52	0.13	2.80E-29

rs373308523	T	C	0.26	0.02	2.87E-29
rs79639601	G	T	0.68	0.06	2.90E-29
rs76307306	C	A	0.4	0.03	3.01E-29
rs116059706	A	G	0.4	0.03	3.05E-29
rs77695362	T	C	0.42	0.03	3.07E-29
rs185149308	T	C	0.4	0.03	3.09E-29
rs571329406	A	G	0.4	0.03	3.10E-29
rs374502825	C	A	0.4	0.03	3.12E-29
rs188890221	C	G	0.41	0.03	3.13E-29
rs115545172	T	C	0.15	0.01	3.15E-29
rs115638917	C	T	0.74	0.06	3.16E-29
rs138641554	C	G	0.41	0.03	3.17E-29
rs140668960	A	G	0.39	0.03	3.35E-29
rs182121896	T	G	0.4	0.03	3.35E-29
rs114470408	C	T	0.4	0.03	3.39E-29
rs183608897	C	T	0.46	0.04	3.40E-29
rs543996366	T	C	0.65	0.05	3.46E-29
rs184189359	G	T	0.38	0.03	3.46E-29
rs188756586	T	G	0.38	0.03	3.46E-29
rs113390184	C	T	0.46	0.04	3.48E-29
rs556281667	T	C	0.41	0.03	3.50E-29
rs185535364	C	T	0.4	0.03	3.54E-29
rs144504774	G	A	0.4	0.03	3.58E-29
rs191572615	C	G	0.4	0.03	3.60E-29
rs182616107	T	C	0.4	0.03	3.65E-29
rs77712844	A	G	0.21	0.01	3.66E-29
rs536296729	A	G	0.38	0.03	3.67E-29
rs181282172	C	T	0.38	0.03	3.67E-29
rs111877785	C	T	0.55	0.04	3.70E-29
rs573643871	A	G	0.41	0.03	3.77E-29
rs187462739	T	G	0.4	0.03	3.79E-29
rs193281004	C	T	0.4	0.03	3.84E-29
rs569382764	G	A	0.39	0.03	3.92E-29
rs143712217	A	C	0.65	0.05	3.95E-29
rs79210004	C	A	0.38	0.03	3.98E-29
rs147658655	C	T	0.61	0.05	3.99E-29
rs146836296	G	A	0.39	0.03	4.08E-29
rs192119476	G	T	0.4	0.03	4.23E-29
rs561821341	A	G	0.41	0.03	4.27E-29
rs114381696	C	T	0.43	0.03	4.30E-29
rs138781513	A	G	0.42	0.03	4.35E-29
rs141099681	A	C	0.4	0.03	4.35E-29
rs112538718	A	G	0.4	0.03	4.38E-29
rs112479288	T	C	0.39	0.03	4.40E-29
rs529635025	A	C	0.42	0.03	4.44E-29
rs187531546	A	G	0.38	0.03	4.44E-29
rs138691886	G	A	0.41	0.03	4.46E-29
rs77513616	G	A	0.39	0.03	4.46E-29
rs78556426	A	T	0.43	0.03	4.50E-29
rs371877860	C	T	0.38	0.03	4.56E-29
rs544606883	T	C	0.4	0.03	4.59E-29
rs77587857	T	C	0.39	0.03	4.68E-29
rs560524949	C	T	5.15	0.46	4.68E-29
rs190561021	G	A	0.47	0.04	4.87E-29
rs181094700	C	T	0.47	0.04	4.94E-29
rs115258545	T	C	0.4	0.03	4.94E-29
rs193224613	A	C	0.41	0.03	4.94E-29
rs113226275	T	C	0.13	0.01	4.95E-29
rs113334766	T	G	0.4	0.03	5.15E-29
rs149254952	C	T	0.41	0.03	5.18E-29
rs181657051	A	G	0.47	0.04	5.20E-29

rs297199	T	C	0.45	0.04	5.21E-29
rs189993412	C	T	0.39	0.03	5.26E-29
rs182646531	C	T	0.4	0.03	5.30E-29
rs182411234	G	A	0.39	0.03	5.33E-29
rs555007017	C	G	0.4	0.03	5.47E-29
rs147287416	A	G	0.33	0.02	5.54E-29
rs144322260	G	A	0.4	0.03	5.61E-29
rs149273080	C	T	0.4	0.03	5.68E-29
rs143858260	T	C	0.2	0.01	5.78E-29
rs111283585	T	G	0.39	0.03	5.96E-29
rs370464263	C	T	0.74	0.06	6.06E-29
rs186669015	T	C	0.39	0.03	6.08E-29
rs554637960	A	G	0.44	0.04	6.10E-29
rs183112790	A	T	0.4	0.03	6.16E-29
rs181381874	T	C	0.39	0.03	6.20E-29
rs141491515	A	G	0.4	0.03	6.20E-29
rs141150573	T	C	0.39	0.03	6.23E-29
rs112486551	C	T	0.43	0.03	6.25E-29
rs182549306	A	G	0.39	0.03	6.44E-29
rs191323862	T	C	0.4	0.03	6.47E-29
rs144340417	A	G	0.39	0.03	6.49E-29
rs142899285	G	A	0.27	0.02	6.58E-29
rs143622430	T	G	0.39	0.03	6.69E-29
rs115384924	C	T	0.39	0.03	6.91E-29
rs61581476	A	C	0.39	0.03	6.97E-29
rs529612207	G	A	0.41	0.03	7.06E-29
rs79975478	A	G	0.39	0.03	7.14E-29
rs563343951	A	T	0.4	0.03	7.18E-29
rs13316076	T	C	0.4	0.03	7.20E-29
rs191262661	G	A	0.37	0.03	7.27E-29
rs143435813	A	G	0.39	0.03	7.41E-29
rs139495871	C	T	0.39	0.03	7.50E-29
rs554806605	T	C	0.45	0.04	7.59E-29
rs145205211	T	C	0.41	0.03	7.71E-29
rs115539994	C	T	0.39	0.03	7.83E-29
rs116254301	C	T	0.39	0.03	7.83E-29
rs75966235	T	C	0.39	0.03	7.85E-29
rs564839358	C	A	0.39	0.03	7.88E-29
rs116705973	T	G	0.39	0.03	7.90E-29
rs77933962	G	A	0.39	0.03	7.98E-29
rs139192733	C	T	0.41	0.03	8.07E-29
rs77799048	T	C	0.21	0.01	8.33E-29
rs143656665	C	T	0.41	0.03	8.33E-29
rs185752856	T	G	0.39	0.03	8.35E-29
rs535854633	A	G	0.39	0.03	8.55E-29
rs148419266	A	C	0.39	0.03	8.61E-29
rs567891034	C	T	0.4	0.03	8.69E-29
rs533692978	T	C	0.39	0.03	8.79E-29
rs114344332	C	A	0.51	0.04	8.81E-29
rs192301278	C	T	0.47	0.04	8.82E-29
rs144072615	G	A	0.49	0.04	8.86E-29
rs180978570	G	T	0.39	0.03	9.03E-29
rs185491569	G	T	0.39	0.03	9.03E-29
rs532511710	T	C	0.47	0.04	9.03E-29
rs140340234	C	T	0.26	0.02	9.09E-29
rs112918943	T	C	0.38	0.03	9.12E-29
rs142516152	C	G	0.42	0.03	9.25E-29
rs530952895	T	A	0.48	0.04	9.33E-29
rs553611459	A	G	0.39	0.03	9.35E-29
rs546121297	A	G	0.39	0.03	9.36E-29
rs73099056	A	G	0.39	0.03	9.93E-29

rs76925134	A	G	0.39	0.03	1.00E-28
rs191964856	A	G	0.39	0.03	1.01E-28
rs145546386	T	G	0.47	0.04	1.01E-28
rs138489356	G	A	0.39	0.03	1.07E-28
rs75260461	G	A	0.39	0.03	1.09E-28
rs535789460	C	T	0.47	0.04	1.10E-28
rs142375602	A	G	0.41	0.03	1.12E-28
rs531264582	A	G	0.39	0.03	1.16E-28
rs148183463	T	C	0.22	0.02	1.18E-28
rs540908871	A	C	0.47	0.04	1.22E-28
2:2128697_T_C	C	T	0.4	0.03	1.22E-28
rs191661965	A	T	0.39	0.03	1.23E-28
rs551964007	T	C	0.47	0.04	1.25E-28
rs78220746	T	A	1.03	0.09	1.25E-28
rs545468089	C	G	0.39	0.03	1.28E-28
rs183806448	C	A	0.39	0.03	1.29E-28
rs181502068	C	T	0.47	0.04	1.29E-28
rs79333897	A	G	0.41	0.03	1.32E-28
rs181604374	C	T	0.39	0.03	1.32E-28
rs148289059	G	T	0.39	0.03	1.33E-28
rs150969807	A	T	0.42	0.03	1.34E-28
rs138975665	T	C	1.69	0.15	1.40E-28
rs116402695	T	C	0.44	0.03	1.42E-28
rs150135635	T	C	0.39	0.03	1.46E-28
rs527278451	T	C	0.43	0.03	1.46E-28
rs187006218	G	A	0.39	0.03	1.49E-28
rs142197230	T	C	0.34	0.03	1.49E-28
rs79707897	T	C	0.42	0.03	1.50E-28
rs77979582	G	A	0.39	0.03	1.51E-28
rs58778167	T	C	0.39	0.03	1.54E-28
rs79675872	G	A	2.12	0.19	1.57E-28
rs539299724	A	T	0.13	0.01	1.57E-28
rs115400776	C	A	0.39	0.03	1.58E-28
rs77962906	A	C	0.39	0.03	1.58E-28
rs146406084	G	A	0.4	0.03	1.60E-28
rs113541022	G	T	0.45	0.04	1.60E-28
rs149717711	G	C	0.54	0.04	1.61E-28
rs28714179	G	C	0.39	0.03	1.64E-28
rs543897127	C	A	0.39	0.03	1.67E-28
rs190377726	C	T	0.39	0.03	1.67E-28
rs116663017	G	A	0.39	0.03	1.68E-28
rs183214390	C	A	0.19	0.01	1.71E-28
rs149557428	A	C	0.39	0.03	1.71E-28
rs142457905	G	T	0.39	0.03	1.72E-28
rs139563994	C	T	0.41	0.03	1.77E-28
rs185136183	G	A	0.56	0.05	1.81E-28
rs149125405	T	C	0.13	0.01	1.83E-28
rs149334029	A	G	0.4	0.03	1.83E-28
rs58220550	A	G	0.31	0.02	1.86E-28
rs191900494	G	A	0.39	0.03	1.88E-28
rs531850705	C	A	0.39	0.03	1.89E-28
rs143769454	C	T	0.39	0.03	1.91E-28
rs561319698	G	A	0.39	0.03	1.91E-28
rs114828544	T	C	0.6	0.05	1.94E-28
rs187787746	G	A	0.39	0.03	1.96E-28
rs148107054	C	G	0.38	0.03	1.98E-28
rs115447657	G	A	0.39	0.03	2.02E-28
rs187015358	A	G	0.39	0.03	2.02E-28
rs563524689	A	C	0.34	0.03	2.04E-28
rs115158545	A	G	0.38	0.03	2.05E-28
rs115709295	A	G	0.39	0.03	2.06E-28

rs114454132	C	G	0.42	0.03	2.08E-28
rs116712357	G	A	0.38	0.03	2.08E-28
rs114016437	G	T	0.38	0.03	2.11E-28
rs76833944	G	C	0.38	0.03	2.11E-28
rs578015427	T	C	0.42	0.03	2.24E-28
rs143670438	A	G	0.19	0.01	2.28E-28
rs181067159	A	G	0.38	0.03	2.37E-28
rs140119531	A	T	0.39	0.03	2.39E-28
rs140816604	T	C	0.39	0.03	2.40E-28
rs74852842	C	T	0.39	0.03	2.45E-28
rs11965092	A	G	0.38	0.03	2.47E-28
rs374190718	A	G	1.27	0.11	2.49E-28
rs115321022	G	A	0.19	0.01	2.51E-28
rs139869294	G	A	0.38	0.03	2.60E-28
rs150196118	G	A	0.4	0.03	2.61E-28
rs187190150	C	G	0.56	0.05	2.62E-28
rs77376661	T	A	0.37	0.03	2.62E-28
rs532054096	A	G	0.45	0.04	2.64E-28
rs117591299	C	T	0.73	0.06	2.65E-28
rs115792589	A	G	0.42	0.03	2.74E-28
rs187764892	G	T	0.39	0.03	2.80E-28
rs543114151	A	G	0.33	0.03	2.80E-28
rs186142371	A	G	0.47	0.04	2.81E-28
rs190098209	C	G	0.55	0.05	2.84E-28
rs141977381	A	G	0.41	0.03	2.89E-28
rs192616926	C	T	0.38	0.03	2.92E-28
rs116037046	A	G	0.5	0.04	2.96E-28
rs371616016	T	C	0.38	0.03	2.97E-28
rs569482958	T	G	0.5	0.04	2.98E-28
rs186563524	T	C	0.41	0.03	3.05E-28
rs571935249	T	C	0.38	0.03	3.07E-28
rs142854747	G	T	0.39	0.03	3.09E-28
rs183780476	G	T	0.38	0.03	3.09E-28
rs75864199	T	C	0.42	0.03	3.16E-28
rs77825720	C	T	0.38	0.03	3.22E-28
rs147346051	T	G	0.45	0.04	3.22E-28
rs182657098	A	G	0.47	0.04	3.23E-28
rs148800982	A	G	0.39	0.03	3.24E-28
rs142561940	G	A	0.37	0.03	3.25E-28
rs142554727	A	G	0.38	0.03	3.31E-28
rs189146561	G	A	0.4	0.03	3.34E-28
rs112519977	T	C	0.38	0.03	3.35E-28
rs561334427	G	A	0.39	0.03	3.37E-28
rs74960850	C	T	0.39	0.03	3.45E-28
rs58999781	A	G	0.38	0.03	3.49E-28
rs182690602	G	A	0.38	0.03	3.50E-28
rs138755938	T	C	0.37	0.03	3.50E-28
rs369282219	G	T	0.4	0.03	3.57E-28
rs563687498	T	G	0.38	0.03	3.58E-28
rs116822802	C	T	0.38	0.03	3.59E-28
rs147598232	A	T	0.38	0.03	3.59E-28
rs147306730	C	T	1.55	0.14	3.65E-28
rs377586034	T	C	0.39	0.03	3.65E-28
rs551347312	C	T	0.38	0.03	3.66E-28
rs144456195	G	A	0.41	0.03	3.68E-28
rs559705770	A	T	0.38	0.03	3.69E-28
rs114984722	T	C	0.38	0.03	3.71E-28
rs147512574	A	G	0.32	0.02	3.78E-28
rs114319485	A	G	0.38	0.03	3.79E-28
rs145351460	G	C	32.73	2.97	3.88E-28
rs140391116	A	G	0.75	0.06	3.96E-28



rs141694016	A	G	0.4	0.03	4.01E-28
rs57872660	G	T	0.38	0.03	4.05E-28
rs377183303	G	T	0.38	0.03	4.06E-28
rs147305485	G	A	0.4	0.03	4.28E-28
rs543626823	C	T	0.39	0.03	4.44E-28
rs189060494	G	A	0.42	0.03	4.48E-28
rs140204613	A	G	0.38	0.03	4.51E-28
rs79895915	T	G	0.38	0.03	4.53E-28
rs116261966	T	C	0.38	0.03	4.54E-28
rs146113218	G	C	0.19	0.01	4.55E-28
rs148180386	A	G	0.2	0.01	4.58E-28
rs189316821	T	G	0.38	0.03	4.63E-28
rs116390376	A	C	0.38	0.03	4.64E-28
rs116623579	G	A	0.38	0.03	4.68E-28
rs188818651	C	G	0.47	0.04	4.76E-28
rs201381614	T	C	0.42	0.03	4.78E-28
rs149598170	A	G	0.5	0.04	4.81E-28
rs371462440	G	A	0.38	0.03	4.88E-28
rs564806314	C	T	0.38	0.03	4.99E-28
rs114278423	A	T	2.67	0.24	5.13E-28
rs78991048	T	C	0.38	0.03	5.30E-28
rs114783804	G	T	0.41	0.03	5.32E-28
rs76711829	T	C	0.54	0.04	5.35E-28
rs141541005	A	G	0.45	0.04	5.42E-28
rs191960550	T	C	0.32	0.02	5.62E-28
rs138952424	G	T	0.19	0.01	5.62E-28
rs557935862	G	A	0.63	0.05	5.73E-28
rs185450902	T	C	0.38	0.03	5.79E-28
rs146267793	T	A	0.45	0.04	5.85E-28
rs190989179	G	C	1.08	0.09	5.86E-28
rs17471597	T	C	0.36	0.03	5.96E-28
rs568132943	C	G	0.38	0.03	6.23E-28
rs141966284	T	C	0.19	0.01	6.42E-28
rs141470265	C	A	0.38	0.03	6.68E-28
rs368097372	T	G	0.38	0.03	6.70E-28
rs116695987	G	A	2.73	0.24	6.75E-28
rs368024969	C	T	0.38	0.03	6.84E-28
rs116549117	G	A	0.19	0.01	6.86E-28
rs114199405	C	A	0.37	0.03	6.94E-28
rs369052599	T	C	0.38	0.03	7.03E-28
rs186573970	G	T	0.39	0.03	7.06E-28
rs189953396	G	A	0.38	0.03	7.21E-28
rs567398410	A	G	0.38	0.03	7.25E-28
rs190337292	T	C	0.44	0.04	7.29E-28
rs187127953	A	T	0.38	0.03	7.35E-28
rs146316612	T	C	3.38	0.3	7.59E-28
rs76316048	T	C	0.76	0.07	7.80E-28
rs115479607	T	C	0.38	0.03	7.89E-28
rs115204518	C	T	0.38	0.03	7.89E-28
rs73099057	T	C	0.38	0.03	7.90E-28
rs185890212	C	T	0.38	0.03	7.93E-28
rs76612065	A	G	0.39	0.03	7.94E-28
rs149837149	G	T	0.38	0.03	8.01E-28
rs114311113	T	G	0.38	0.03	8.20E-28
rs149417359	A	T	0.38	0.03	8.20E-28
rs10052885	A	G	0.19	0.01	8.40E-28
rs114679059	C	G	0.44	0.04	8.50E-28
rs180686964	T	A	0.38	0.03	8.63E-28
rs76678369	G	A	0.37	0.03	8.66E-28
rs191800554	A	G	0.38	0.03	8.74E-28
rs115500589	T	C	0.38	0.03	8.79E-28

rs138122077	G	A	0.32	0.02	8.83E-28
rs139042442	T	C	2.22	0.2	9.04E-28
rs114107918	G	C	0.38	0.03	9.12E-28
rs77243665	C	T	0.18	0.01	9.23E-28
rs552246562	C	T	0.38	0.03	9.27E-28
rs28453859	T	G	0.38	0.03	9.32E-28
rs61526781	A	G	0.38	0.03	9.36E-28
rs184373784	G	A	0.39	0.03	9.40E-28
rs149677266	C	G	0.38	0.03	9.43E-28
rs149531835	A	G	0.38	0.03	9.47E-28
rs540457843	C	T	0.38	0.03	9.58E-28
rs189777298	A	G	0.38	0.03	9.63E-28
rs147313986	C	G	0.38	0.03	9.76E-28
rs76785701	C	A	0.37	0.03	9.96E-28
rs114111218	T	G	0.37	0.03	1.02E-27
rs200623784	T	C	0.19	0.01	1.04E-27
rs145478405	T	C	0.38	0.03	1.07E-27
rs139037135	T	C	0.38	0.03	1.07E-27
rs372144555	C	G	0.4	0.03	1.08E-27
rs573398420	T	A	0.38	0.03	1.12E-27
rs141873126	T	A	0.38	0.03	1.17E-27
rs141345080	G	A	0.38	0.03	1.18E-27
rs79932115	A	G	0.19	0.01	1.21E-27
rs562973154	T	G	0.37	0.03	1.21E-27
rs147455721	T	C	0.36	0.03	1.21E-27
rs148130605	C	T	0.38	0.03	1.22E-27
rs191157253	C	A	0.37	0.03	1.22E-27
rs143961941	C	G	0.37	0.03	1.23E-27
rs115358606	C	A	0.19	0.01	1.25E-27
rs140327231	G	A	0.19	0.01	1.25E-27
rs116590462	A	T	0.19	0.01	1.27E-27
rs145327183	G	A	0.44	0.04	1.28E-27
rs565402493	G	A	0.38	0.03	1.29E-27
rs114869468	T	C	0.38	0.03	1.31E-27
rs150458630	A	T	0.38	0.03	1.34E-27
rs138499592	A	G	0.38	0.03	1.36E-27
rs148353905	A	T	0.38	0.03	1.36E-27
rs561361279	T	C	0.6	0.05	1.36E-27
rs115399864	G	A	0.37	0.03	1.38E-27
rs570839033	G	A	0.37	0.03	1.39E-27
rs186883641	G	A	0.38	0.03	1.39E-27
rs552424259	G	A	0.4	0.03	1.41E-27
rs141002904	C	T	0.29	0.02	1.44E-27
rs144453738	G	A	0.38	0.03	1.53E-27
rs527571149	G	T	0.58	0.05	1.60E-27
rs145172077	T	C	0.47	0.04	1.63E-27
rs143782081	G	A	0.37	0.03	1.63E-27
rs140320286	T	G	0.37	0.03	1.67E-27
rs189852758	A	G	6.08	0.56	1.67E-27
rs143312058	T	C	0.2	0.01	1.70E-27
rs143111606	G	A	0.37	0.03	1.74E-27
rs76601252	G	T	0.18	0.01	1.77E-27
rs568009621	G	A	0.38	0.03	1.77E-27
rs148124876	A	T	0.25	0.02	1.77E-27
rs73517645	C	T	0.37	0.03	1.79E-27
rs138816477	T	C	0.37	0.03	1.81E-27
rs556930901	A	G	0.65	0.06	1.85E-27
rs147944901	G	T	0.41	0.03	1.86E-27
rs147394924	A	T	0.37	0.03	1.88E-27
rs142031660	A	G	0.31	0.02	1.88E-27
rs186420722	A	G	0.38	0.03	1.91E-27

rs554989204	T	C	0.36	0.03	1.93E-27
rs116784938	A	G	0.4	0.03	1.93E-27
rs143791028	G	C	0.3	0.02	1.94E-27
rs148075478	C	A	0.75	0.06	1.95E-27
rs139856951	T	C	0.4	0.03	1.99E-27
rs137984012	G	A	0.31	0.02	2.04E-27
rs571266052	T	C	0.82	0.07	2.04E-27
rs191417073	T	C	0.37	0.03	2.04E-27
rs114398317	A	G	0.37	0.03	2.04E-27
rs527897723	A	C	0.37	0.03	2.04E-27
rs181213948	A	G	0.37	0.03	2.05E-27
rs145801746	A	G	0.38	0.03	2.07E-27
rs185646693	G	A	0.37	0.03	2.08E-27
rs145338434	T	C	0.37	0.03	2.08E-27
rs528667588	G	A	0.37	0.03	2.10E-27
rs184325217	G	A	0.37	0.03	2.10E-27
rs553769585	A	G	0.37	0.03	2.10E-27
rs116561568	C	T	0.37	0.03	2.11E-27
rs541153361	A	G	0.37	0.03	2.12E-27
rs190177081	C	T	0.36	0.03	2.14E-27
rs138809626	A	G	0.37	0.03	2.15E-27
rs138634220	C	T	0.42	0.03	2.18E-27
rs150564753	A	T	0.42	0.03	2.18E-27
rs189414601	G	C	0.37	0.03	2.18E-27
rs560567893	C	T	0.37	0.03	2.20E-27
rs185847828	G	T	0.38	0.03	2.23E-27
rs75826730	T	G	0.37	0.03	2.23E-27
rs116109055	T	C	0.37	0.03	2.24E-27
rs569181275	C	G	0.37	0.03	2.27E-27
rs116697922	C	T	0.37	0.03	2.27E-27
rs563502396	C	T	2.19	0.2	2.29E-27
rs541897027	C	G	0.37	0.03	2.29E-27
rs566000715	C	T	0.37	0.03	2.30E-27
rs557736298	C	T	0.37	0.03	2.30E-27
rs115870020	A	T	0.29	0.02	2.32E-27
rs549652401	T	G	0.37	0.03	2.33E-27
rs558898168	C	T	0.37	0.03	2.33E-27
rs571904756	G	A	0.37	0.03	2.33E-27
rs561353236	A	C	0.37	0.03	2.34E-27
rs549331154	A	G	0.46	0.04	2.35E-27
rs72923504	T	C	0.46	0.04	2.41E-27
rs150142915	C	T	0.37	0.03	2.41E-27
rs114230491	A	T	0.37	0.03	2.42E-27
rs546859039	T	A	0.37	0.03	2.45E-27
rs114161846	T	C	0.37	0.03	2.45E-27
rs540362295	C	T	0.37	0.03	2.45E-27
rs567354057	C	G	0.37	0.03	2.48E-27
rs150844851	T	C	0.38	0.03	2.54E-27
rs141127206	A	G	0.37	0.03	2.55E-27
rs553008563	C	A	0.58	0.05	2.56E-27
rs111774305	T	A	0.37	0.03	2.58E-27
rs139135569	C	G	0.37	0.03	2.61E-27
rs562417884	G	A	0.38	0.03	2.62E-27
rs574315113	A	C	0.37	0.03	2.62E-27
rs147752544	C	T	0.42	0.03	2.63E-27
rs555808333	A	G	0.37	0.03	2.65E-27
rs191926100	C	T	0.38	0.03	2.66E-27
rs190881939	C	T	0.35	0.03	2.67E-27
rs181287283	A	G	0.36	0.03	2.68E-27
rs180858859	T	C	0.37	0.03	2.69E-27
rs77442854	A	G	0.37	0.03	2.70E-27

rs139723726	T	C	0.37	0.03	2.70E-27
rs369232981	C	T	0.37	0.03	2.72E-27
rs143160815	A	G	0.37	0.03	2.72E-27
rs149967456	A	T	0.37	0.03	2.72E-27
rs375825539	G	C	0.2	0.01	2.73E-27
rs138076636	T	C	0.37	0.03	2.73E-27
rs543503173	A	G	0.37	0.03	2.80E-27
rs116466314	C	T	0.37	0.03	2.81E-27
rs536378448	C	T	0.46	0.04	2.81E-27
rs116540110	A	C	0.32	0.03	2.83E-27
rs77614699	A	C	0.37	0.03	2.84E-27
rs564810465	A	C	0.38	0.03	2.86E-27
rs142415737	T	C	0.36	0.03	2.89E-27
rs142828157	G	A	0.38	0.03	2.91E-27
rs190411922	G	T	0.41	0.03	2.98E-27
rs10095795	A	G	0.37	0.03	3.03E-27
rs150084874	A	G	0.37	0.03	3.05E-27
rs560607703	C	G	0.37	0.03	3.08E-27
rs560300353	G	C	0.58	0.05	3.09E-27
rs535237751	T	C	4.15	0.38	3.11E-27
rs149585799	T	C	0.37	0.03	3.12E-27
rs115954118	T	C	0.78	0.07	3.13E-27
rs569932759	T	C	0.37	0.03	3.14E-27
rs150651058	C	T	0.46	0.04	3.14E-27
rs562011628	T	C	0.46	0.04	3.23E-27
rs556814589	T	C	0.37	0.03	3.24E-27
rs576340337	T	C	0.37	0.03	3.25E-27
rs12659010	C	T	0.39	0.03	3.27E-27
rs140729074	T	C	0.37	0.03	3.27E-27
rs191159877	A	G	0.37	0.03	3.27E-27
rs147858775	G	A	0.4	0.03	3.28E-27
rs140845618	T	C	0.37	0.03	3.33E-27
rs180714397	A	C	0.37	0.03	3.34E-27
rs144383430	A	G	0.37	0.03	3.37E-27
rs184247865	G	A	0.37	0.03	3.37E-27
rs7794121	T	A	1.16	0.1	3.38E-27
rs143014140	C	T	0.37	0.03	3.38E-27
rs145979028	G	A	0.37	0.03	3.39E-27
rs193289697	C	G	0.37	0.03	3.40E-27
rs553225771	T	C	0.37	0.03	3.42E-27
rs142607642	C	T	0.37	0.03	3.45E-27
rs138317517	A	G	0.37	0.03	3.46E-27
rs186051710	T	C	0.37	0.03	3.52E-27
rs141666526	G	A	0.37	0.03	3.60E-27
rs149999077	A	G	0.37	0.03	3.62E-27
rs150101310	G	A	0.37	0.03	3.63E-27
rs556030184	C	T	0.37	0.03	3.64E-27
rs115796994	A	G	0.38	0.03	3.67E-27
rs183831293	T	C	0.37	0.03	3.70E-27
rs138911831	C	G	0.37	0.03	3.72E-27
rs560301986	A	T	0.37	0.03	3.72E-27
rs191217917	T	C	0.37	0.03	3.77E-27
rs78352662	T	G	0.37	0.03	3.81E-27
rs115039140	T	C	0.37	0.03	3.82E-27
rs144009940	C	T	0.37	0.03	4.05E-27
rs186562208	A	G	0.37	0.03	4.09E-27
rs141286591	T	A	0.37	0.03	4.18E-27
rs113914941	G	A	0.37	0.03	4.23E-27
rs148504831	C	A	2.73	0.25	4.25E-27
rs550211522	C	G	0.57	0.05	4.40E-27
rs140633773	A	C	0.38	0.03	4.40E-27

rs79078966	A	G	0.57	0.05	4.40E-27
rs116626826	G	C	0.37	0.03	4.42E-27
rs146449595	T	A	1.41	0.13	4.49E-27
rs141817858	C	A	0.37	0.03	4.57E-27
rs143169017	A	T	0.37	0.03	4.60E-27
rs114971651	T	G	0.37	0.03	4.74E-27
rs77390028	C	G	1.26	0.11	4.77E-27
rs145877836	T	C	0.37	0.03	4.79E-27
rs140266368	G	T	0.35	0.03	4.83E-27
rs546692760	T	C	0.37	0.03	4.84E-27
rs140032469	A	G	0.37	0.03	4.84E-27
rs112857678	A	G	0.37	0.03	4.87E-27
rs75336715	C	T	0.37	0.03	4.89E-27
rs138471948	T	C	0.37	0.03	4.92E-27
rs372879565	T	C	0.38	0.03	4.95E-27
2:2146738_T_C	C	T	0.37	0.03	5.00E-27
rs115343774	G	T	0.18	0.01	5.01E-27
rs78790033	C	T	0.95	0.08	5.14E-27
rs140703522	T	C	0.36	0.03	5.15E-27
rs146480907	A	G	0.37	0.03	5.22E-27
rs115573124	T	G	0.18	0.01	5.26E-27
rs74920689	C	T	0.37	0.03	5.26E-27
rs545255166	C	T	0.36	0.03	5.27E-27
rs560370692	A	C	0.18	0.01	5.34E-27
rs114711308	C	T	0.37	0.03	5.36E-27
rs73099070	C	G	0.37	0.03	5.48E-27
rs190207031	T	C	0.32	0.03	5.57E-27
rs370231500	C	T	0.36	0.03	5.61E-27
rs539932075	G	C	0.46	0.04	5.74E-27
rs372673316	G	T	0.37	0.03	5.77E-27
rs74877092	T	G	0.37	0.03	5.82E-27
rs141274968	A	T	0.37	0.03	5.83E-27
rs150768326	A	C	0.37	0.03	5.83E-27
rs76958036	T	C	0.37	0.03	5.83E-27
rs79377867	C	T	0.54	0.05	5.84E-27
rs116148242	T	G	0.36	0.03	6.05E-27
rs189754067	C	T	0.37	0.03	6.13E-27
rs182574970	A	T	0.47	0.04	6.18E-27
rs28631797	T	C	0.41	0.03	6.40E-27
rs187798523	A	G	1.36	0.12	6.42E-27
rs112580536	T	C	0.36	0.03	6.47E-27
rs138383881	A	G	0.37	0.03	6.48E-27
rs566176919	A	G	0.36	0.03	6.50E-27
rs143865609	A	G	0.37	0.03	6.78E-27
rs112385100	C	T	0.37	0.03	6.78E-27
rs112071044	T	C	0.35	0.03	6.84E-27
rs115360978	G	A	1.25	0.11	7.04E-27
rs572444717	A	C	0.36	0.03	7.12E-27
rs541553869	T	A	0.36	0.03	7.12E-27
rs147860022	T	C	0.91	0.08	7.17E-27
rs566813962	A	G	0.29	0.02	7.26E-27
rs145017658	A	T	0.36	0.03	7.29E-27
rs145372538	G	A	0.37	0.03	7.35E-27
rs182792446	T	G	0.37	0.03	7.41E-27
rs149063758	C	T	0.74	0.06	7.49E-27
rs145780606	T	C	0.36	0.03	7.75E-27
rs147631870	G	A	0.37	0.03	7.84E-27
rs115083727	G	A	0.64	0.06	7.91E-27
rs140321825	C	A	0.37	0.03	8.05E-27
rs550695586	T	A	0.45	0.04	8.07E-27
rs147832301	A	G	0.36	0.03	8.09E-27

rs149920164	T	C	0.37	0.03	8.14E-27
rs185179512	T	C	0.38	0.03	8.26E-27
rs191792543	A	C	0.42	0.03	8.35E-27
rs565881023	T	G	0.36	0.03	8.60E-27
rs563461650	G	A	0.36	0.03	8.67E-27
rs139580639	G	A	0.54	0.05	8.75E-27
rs80213343	G	T	0.36	0.03	8.76E-27
rs141257515	A	G	0.37	0.03	8.87E-27
rs191109815	C	G	0.37	0.03	8.96E-27
rs191548076	G	A	0.36	0.03	8.97E-27
rs146158330	C	T	0.36	0.03	9.03E-27
rs190037921	G	C	0.66	0.06	9.15E-27
rs137958143	A	G	0.37	0.03	9.22E-27
rs148280707	C	T	0.37	0.03	9.22E-27
rs188666917	C	G	0.37	0.03	9.37E-27
rs550248775	G	A	0.3	0.02	9.38E-27
rs188729709	T	G	2.18	0.2	9.48E-27
rs146877727	G	A	0.36	0.03	9.55E-27
rs563538829	C	T	0.38	0.03	9.59E-27
rs359117	A	G	0.34	0.03	9.73E-27
rs138833593	C	A	0.36	0.03	9.76E-27
rs138447961	A	G	0.36	0.03	9.83E-27
rs112154568	A	G	0.36	0.03	9.84E-27
10:42412442_G_T	T	G	0.16	0.01	9.93E-27
rs73671024	A	G	0.39	0.03	9.97E-27
rs77337490	G	A	2.23	0.2	1.00E-26
rs536961860	G	A	3.02	0.28	1.01E-26
rs6471534	C	T	0.46	0.04	1.01E-26
rs542176602	T	C	9.49	0.88	1.03E-26
rs139437654	G	A	0.36	0.03	1.03E-26
rs191794761	A	G	0.37	0.03	1.04E-26
rs146163845	G	A	0.36	0.03	1.05E-26
rs146534898	A	G	0.36	0.03	1.06E-26
rs149437227	A	C	0.36	0.03	1.06E-26
rs552864992	G	C	0.37	0.03	1.06E-26
rs181296643	A	T	0.45	0.04	1.09E-26
rs141326311	C	G	0.36	0.03	1.10E-26
rs555221105	G	T	0.36	0.03	1.14E-26
rs150078364	C	T	0.37	0.03	1.14E-26
rs114866074	A	G	0.36	0.03	1.15E-26
rs150477949	A	C	0.36	0.03	1.17E-26
rs191447058	C	A	0.4	0.03	1.18E-26
rs533276427	A	G	0.34	0.03	1.19E-26
rs114779368	T	C	0.46	0.04	1.20E-26
rs359118	C	T	0.34	0.03	1.20E-26
rs139605228	G	A	0.36	0.03	1.21E-26
rs183786016	C	T	0.34	0.03	1.21E-26
rs112138562	C	A	0.36	0.03	1.21E-26
rs140047704	G	A	0.36	0.03	1.21E-26
rs181169532	G	A	0.77	0.07	1.22E-26
rs59071151	A	G	0.39	0.03	1.22E-26
rs58611163	T	C	0.39	0.03	1.22E-26
rs568820529	T	G	0.36	0.03	1.23E-26
rs150368584	C	T	0.36	0.03	1.23E-26
rs547543700	T	C	0.39	0.03	1.23E-26
rs115201836	A	T	0.42	0.03	1.23E-26
rs372755713	C	G	0.74	0.06	1.24E-26
rs6773436	T	C	0.36	0.03	1.25E-26
rs116517029	G	T	0.36	0.03	1.26E-26
rs144290411	G	A	0.36	0.03	1.26E-26
rs143603547	C	T	0.36	0.03	1.30E-26

rs146459121	A	T	0.36	0.03	1.30E-26
rs141428054	T	G	0.36	0.03	1.30E-26
rs75831245	C	G	0.36	0.03	1.31E-26
rs115554271	T	C	0.35	0.03	1.32E-26
rs79757218	C	T	0.36	0.03	1.34E-26
rs190054872	G	A	0.36	0.03	1.35E-26
rs146803440	T	C	0.36	0.03	1.36E-26
rs148577566	T	C	0.36	0.03	1.36E-26
rs189617891	A	C	0.36	0.03	1.37E-26
rs142452663	A	G	0.36	0.03	1.38E-26
rs139467667	T	C	0.36	0.03	1.39E-26
rs192078968	C	G	0.23	0.02	1.41E-26
rs143558447	A	G	0.36	0.03	1.44E-26
rs75582854	G	C	0.37	0.03	1.44E-26
rs114186126	T	C	0.33	0.03	1.49E-26
rs542220486	G	A	0.42	0.03	1.50E-26
rs143704328	A	T	0.37	0.03	1.52E-26
rs149300001	T	G	0.44	0.04	1.53E-26
rs192812436	A	C	0.18	0.01	1.55E-26
rs115451360	T	A	0.36	0.03	1.63E-26
rs112888993	A	T	0.36	0.03	1.63E-26
rs113858217	T	G	0.36	0.03	1.64E-26
rs150781674	A	G	0.36	0.03	1.64E-26
rs115928016	C	T	0.36	0.03	1.64E-26
rs570936873	G	C	0.39	0.03	1.64E-26
rs187619809	A	T	0.38	0.03	1.66E-26
rs142913401	G	A	0.36	0.03	1.67E-26
rs145023932	A	G	2.45	0.23	1.69E-26
rs142174961	T	C	0.36	0.03	1.70E-26
rs112830917	T	A	0.36	0.03	1.74E-26
rs145581724	A	G	0.59	0.05	1.76E-26
rs73095020	T	C	0.41	0.03	1.79E-26
rs189425117	T	C	0.34	0.03	1.79E-26
rs78913477	A	G	0.18	0.01	1.85E-26
rs535823466	T	C	0.36	0.03	1.85E-26
rs115215962	C	A	0.36	0.03	1.86E-26
rs570369508	A	G	0.35	0.03	1.87E-26
rs146793950	C	T	0.36	0.03	1.87E-26
rs73699125	T	A	0.41	0.03	1.88E-26
rs116633756	T	C	0.45	0.04	1.91E-26
rs541133144	T	C	0.37	0.03	1.92E-26
rs141329346	G	A	0.36	0.03	1.96E-26
rs188581106	C	T	0.35	0.03	1.98E-26
rs556534577	T	C	3.17	0.29	2.01E-26
rs140554547	C	T	0.36	0.03	2.01E-26
rs190206345	G	C	0.36	0.03	2.01E-26
rs149511850	A	G	0.57	0.05	2.02E-26
rs56349706	A	G	0.18	0.01	2.02E-26
rs376249926	G	A	0.36	0.03	2.04E-26
rs150365599	T	C	0.36	0.03	2.04E-26
rs75102034	T	C	0.36	0.03	2.06E-26
rs144622773	T	G	0.36	0.03	2.09E-26
rs143242872	T	C	0.15	0.01	2.11E-26
rs114594035	C	G	0.98	0.09	2.21E-26
rs187558908	A	G	0.46	0.04	2.21E-26
rs359121	A	G	0.33	0.03	2.22E-26
rs568765544	T	C	0.36	0.03	2.22E-26
rs140856951	C	A	0.36	0.03	2.24E-26
rs115203254	C	G	0.35	0.03	2.33E-26
rs187690313	C	T	0.36	0.03	2.34E-26
rs147059738	T	C	0.28	0.02	2.39E-26

rs555716938	A	G	0.35	0.03	2.41E-26
rs74523771	A	G	0.36	0.03	2.43E-26
rs140455067	A	G	0.35	0.03	2.50E-26
rs111467232	G	T	0.28	0.02	2.51E-26
rs144165451	T	C	0.36	0.03	2.52E-26
rs186513643	A	G	0.47	0.04	2.54E-26
rs115081693	C	A	0.42	0.03	2.61E-26
rs141628521	G	C	0.44	0.04	2.61E-26
rs115177847	T	A	1.08	0.1	2.65E-26
rs150134026	G	A	0.36	0.03	2.68E-26
rs549819993	A	G	0.39	0.03	2.70E-26
rs143424150	A	G	0.35	0.03	2.71E-26
rs114334728	A	G	0.42	0.03	2.72E-26
rs150787674	T	C	0.36	0.03	2.73E-26
rs359124	G	C	0.33	0.03	2.74E-26
rs77595442	A	G	0.38	0.03	2.78E-26
rs180879250	T	C	0.47	0.04	2.85E-26
rs75266389	C	T	0.36	0.03	2.86E-26
rs145032095	G	C	0.36	0.03	2.87E-26
rs115901573	C	A	0.35	0.03	2.87E-26
rs139932394	A	G	0.47	0.04	2.90E-26
rs114726339	G	A	0.35	0.03	2.92E-26
rs73936874	G	A	0.29	0.02	2.93E-26
rs328930	C	T	0.36	0.03	3.02E-26
rs141963887	A	T	0.36	0.03	3.06E-26
rs80052479	G	A	0.47	0.04	3.07E-26
rs186030728	C	G	0.36	0.03	3.09E-26
rs7860789	C	A	0.36	0.03	3.12E-26
rs376273701	T	C	0.35	0.03	3.24E-26
rs540022596	G	A	0.35	0.03	3.27E-26
rs79399906	C	T	0.35	0.03	3.30E-26
rs114720000	G	A	0.35	0.03	3.32E-26
rs147043018	C	A	0.35	0.03	3.32E-26
rs192942583	C	A	0.46	0.04	3.34E-26
rs150974407	T	C	0.35	0.03	3.34E-26
rs149781320	A	G	0.36	0.03	3.35E-26
rs185164888	A	G	0.46	0.04	3.36E-26
rs146575433	T	A	0.35	0.03	3.37E-26
rs540693207	T	C	0.35	0.03	3.40E-26
rs139131402	G	A	0.35	0.03	3.43E-26
rs139512778	C	T	0.21	0.02	3.50E-26
rs57935657	A	C	0.39	0.03	3.52E-26
rs150928519	G	A	0.36	0.03	3.54E-26
rs183694901	A	G	0.39	0.03	3.56E-26
rs73938741	A	G	0.35	0.03	3.61E-26
rs115918842	C	T	0.37	0.03	3.63E-26
rs79147433	C	T	0.34	0.03	3.65E-26
rs370998083	A	T	0.35	0.03	3.72E-26
rs150060352	C	A	0.35	0.03	3.82E-26
rs189534220	G	A	0.41	0.03	3.82E-26
rs568230615	C	T	0.34	0.03	3.83E-26
rs146653715	A	G	0.38	0.03	3.86E-26
rs528187857	T	C	0.36	0.03	3.91E-26
rs9845305	G	A	0.36	0.03	3.99E-26
rs141567132	G	A	0.35	0.03	4.02E-26
rs116068183	A	G	0.41	0.03	4.02E-26
rs143243083	A	G	1.01	0.09	4.03E-26
rs142574028	A	G	1	0.09	4.13E-26
rs59069500	A	G	0.36	0.03	4.16E-26
rs188204584	A	C	0.36	0.03	4.18E-26
rs545196057	A	G	0.37	0.03	4.18E-26



rs375028655	G	A	0.35	0.03	4.28E-26
rs28418897	G	A	0.34	0.03	4.30E-26
rs140790849	T	C	0.64	0.06	4.36E-26
rs150992784	A	T	0.36	0.03	4.39E-26
rs374914837	G	A	0.35	0.03	4.47E-26
rs181420517	A	G	0.37	0.03	4.55E-26
rs28479693	T	G	0.35	0.03	4.57E-26
rs144029478	C	T	0.99	0.09	4.59E-26
rs28571074	A	G	0.35	0.03	4.59E-26
rs60629740	G	A	0.72	0.06	4.61E-26
rs142125074	T	C	0.36	0.03	4.71E-26
rs558607946	T	C	0.57	0.05	4.78E-26
rs573604967	A	T	0.36	0.03	4.85E-26
rs114369395	A	C	0.33	0.03	4.86E-26
rs548623572	C	A	0.38	0.03	4.97E-26
rs192889665	T	C	0.18	0.01	4.98E-26
rs144739454	C	T	0.35	0.03	4.99E-26
rs114077918	A	C	0.18	0.01	5.01E-26
rs191288661	T	C	0.35	0.03	5.03E-26
rs141018122	A	C	0.37	0.03	5.06E-26
rs184532809	G	T	3.12	0.29	5.09E-26
rs115882445	T	C	0.36	0.03	5.15E-26
rs147489570	G	A	0.35	0.03	5.26E-26
rs79843541	C	G	0.35	0.03	5.31E-26
rs145398188	C	G	0.71	0.06	5.31E-26
rs140105958	T	C	0.28	0.02	5.32E-26
rs150049348	T	G	0.28	0.02	5.33E-26
rs78263348	T	C	0.33	0.03	5.37E-26
rs145227327	A	T	0.35	0.03	5.38E-26
rs142596326	T	C	0.35	0.03	5.41E-26
rs146828628	G	C	0.35	0.03	5.46E-26
rs112556085	G	A	0.35	0.03	5.54E-26
rs79376052	C	T	0.36	0.03	5.65E-26
rs115488088	G	A	0.36	0.03	5.67E-26
rs144217286	C	T	0.35	0.03	5.67E-26
rs531475748	G	A	0.3	0.02	6.00E-26
rs114847744	G	A	0.36	0.03	6.08E-26
rs180797570	T	C	0.47	0.04	6.12E-26
rs111640860	G	T	0.28	0.02	6.14E-26
rs115575365	A	G	0.32	0.03	6.15E-26
rs192253107	T	A	0.73	0.06	6.17E-26
rs150785833	G	A	0.36	0.03	6.43E-26
rs150256640	G	A	0.35	0.03	6.46E-26
rs149369079	C	G	0.17	0.01	6.49E-26
rs562233621	C	T	0.2	0.01	6.53E-26
rs115939855	T	C	0.46	0.04	6.54E-26
rs184685406	C	T	0.35	0.03	6.55E-26
rs115680904	T	G	0.35	0.03	6.61E-26
rs140044480	A	T	0.36	0.03	6.68E-26
rs114155908	T	C	0.46	0.04	6.76E-26
rs138877032	G	A	0.56	0.05	6.77E-26
rs79023968	A	G	0.35	0.03	6.97E-26
rs114026998	C	G	0.18	0.01	7.01E-26
rs181651527	A	G	0.18	0.01	7.03E-26
rs114446415	T	C	0.35	0.03	7.16E-26
rs570860242	G	C	0.41	0.03	7.24E-26
rs560168776	T	C	0.12	0.01	7.43E-26
rs143562544	C	T	0.35	0.03	7.68E-26
rs138348647	C	T	0.24	0.02	7.76E-26
rs146765061	A	G	0.36	0.03	7.78E-26
rs138071777	C	G	0.35	0.03	7.90E-26

rs189646994	G	A	0.35	0.03	7.90E-26
rs184060237	A	T	0.35	0.03	8.01E-26
rs550362746	A	T	0.35	0.03	8.06E-26
rs144968840	T	C	0.17	0.01	8.35E-26
rs146948408	C	T	0.35	0.03	8.37E-26
rs11582226	C	T	0.35	0.03	8.41E-26
rs141649624	T	G	0.18	0.01	8.60E-26
rs149257889	T	C	0.36	0.03	8.61E-26
rs149849292	A	G	0.38	0.03	8.82E-26
rs536649319	C	T	0.35	0.03	8.85E-26
rs140031745	A	G	0.4	0.03	8.88E-26
rs191301654	A	C	0.47	0.04	8.92E-26
rs140302219	T	C	0.37	0.03	9.10E-26
rs140702994	C	T	0.36	0.03	9.18E-26
rs143558090	G	A	0.35	0.03	9.31E-26
rs140700433	A	G	0.13	0.01	9.50E-26
rs146605586	T	C	0.46	0.04	9.53E-26
rs140961730	A	G	10.12	0.96	9.56E-26
rs538562763	G	T	0.43	0.04	9.65E-26
rs539592627	G	A	0.39	0.03	9.78E-26
rs190753772	C	T	1.34	0.12	9.84E-26
rs191332500	C	A	0.34	0.03	1.01E-25
rs140531324	C	T	0.35	0.03	1.02E-25
rs181636742	C	T	0.34	0.03	1.03E-25
rs187717030	A	G	0.35	0.03	1.03E-25
rs377623094	T	G	0.35	0.03	1.04E-25
rs142520756	G	T	0.55	0.05	1.06E-25
rs150771634	G	A	0.34	0.03	1.08E-25
rs559368419	T	C	0.43	0.04	1.09E-25
rs77943623	A	T	0.7	0.06	1.10E-25
rs35620270	T	C	0.35	0.03	1.10E-25
rs189164970	C	T	0.35	0.03	1.12E-25
rs76076412	A	G	0.35	0.03	1.16E-25
rs567907804	G	T	0.54	0.05	1.18E-25
rs115228068	G	C	0.13	0.01	1.20E-25
rs576460941	T	C	0.36	0.03	1.22E-25
rs190668129	T	G	0.35	0.03	1.25E-25
rs192610318	A	G	3.56	0.34	1.27E-25
rs570970474	C	T	0.35	0.03	1.28E-25
rs187476609	C	T	0.34	0.03	1.28E-25
rs576502214	T	C	0.31	0.03	1.30E-25
rs79333176	G	A	0.35	0.03	1.34E-25
rs140794250	A	C	0.38	0.03	1.37E-25
rs114964927	T	C	0.35	0.03	1.37E-25
rs149871499	A	G	0.34	0.03	1.39E-25
rs13426751	G	A	8.88	0.85	1.41E-25
rs145436737	G	C	0.38	0.03	1.42E-25
rs77838791	T	C	0.36	0.03	1.42E-25
rs190787281	G	A	0.43	0.04	1.43E-25
rs138109224	A	G	0.43	0.04	1.44E-25
rs149791588	T	C	0.43	0.04	1.44E-25
rs116571668	C	G	0.35	0.03	1.44E-25
rs187993386	C	A	0.34	0.03	1.45E-25
rs114136218	T	C	0.37	0.03	1.45E-25
rs114277249	A	G	0.35	0.03	1.45E-25
rs149491170	A	G	0.73	0.07	1.47E-25
rs187936133	A	C	0.35	0.03	1.48E-25
rs113185681	T	A	0.43	0.04	1.48E-25
rs372199400	C	A	0.35	0.03	1.48E-25
rs115920930	T	C	0.35	0.03	1.48E-25
rs116597380	A	G	0.35	0.03	1.49E-25

rs78606040	A	G	0.34	0.03	1.52E-25
rs141046369	T	C	0.34	0.03	1.52E-25
rs192231396	A	T	0.35	0.03	1.56E-25
rs139255510	C	T	0.35	0.03	1.58E-25
rs373222896	A	G	0.45	0.04	1.60E-25
rs147359681	A	G	0.35	0.03	1.62E-25
rs114185020	A	G	0.39	0.03	1.64E-25
rs181387843	T	C	0.34	0.03	1.64E-25
rs192411987	C	T	0.42	0.04	1.66E-25
rs568331104	C	T	0.34	0.03	1.67E-25
rs192724960	T	C	0.35	0.03	1.68E-25
rs149838778	A	C	0.39	0.03	1.68E-25
rs182202683	T	C	0.35	0.03	1.68E-25
rs181269556	G	A	0.34	0.03	1.70E-25
rs115103104	G	A	0.47	0.04	1.71E-25
rs113935892	T	C	0.33	0.03	1.71E-25
rs201390017	C	G	0.41	0.03	1.71E-25
rs550221165	G	C	0.35	0.03	1.73E-25
rs149763340	G	C	0.35	0.03	1.73E-25
rs148245297	G	A	0.13	0.01	1.77E-25
rs142629859	G	T	0.35	0.03	1.80E-25
rs76160835	A	G	0.36	0.03	1.80E-25
rs75873985	A	G	0.34	0.03	1.84E-25
rs181010488	T	G	0.35	0.03	1.88E-25
rs149006418	G	A	0.21	0.02	1.88E-25
rs116723094	T	C	0.35	0.03	1.90E-25
rs140587313	C	G	0.35	0.03	1.92E-25
rs564560836	C	G	0.34	0.03	1.93E-25
rs114859763	A	G	0.34	0.03	1.94E-25
rs181992041	T	C	0.33	0.03	1.95E-25
rs76327896	C	T	0.34	0.03	1.97E-25
rs141299706	T	C	0.18	0.01	1.99E-25
rs191580542	G	T	0.34	0.03	1.99E-25
rs527363057	T	A	0.34	0.03	1.99E-25
rs570201724	C	T	0.34	0.03	2.00E-25
rs555765422	G	A	0.34	0.03	2.01E-25
rs73357631	G	C	0.43	0.04	2.06E-25
rs541894298	T	C	0.33	0.03	2.10E-25
rs568481966	A	G	0.33	0.03	2.10E-25
rs9491875	T	C	0.37	0.03	2.11E-25
rs567081376	T	C	0.33	0.03	2.13E-25
rs80197733	T	C	0.35	0.03	2.13E-25
rs10125733	T	C	0.2	0.01	2.13E-25
rs559556999	A	T	0.35	0.03	2.15E-25
rs148441772	C	G	0.34	0.03	2.15E-25
rs77353597	A	G	0.18	0.01	2.16E-25
rs192179986	A	C	0.34	0.03	2.21E-25
rs116679494	G	A	0.18	0.01	2.23E-25
rs139088445	G	T	0.35	0.03	2.24E-25
rs540796525	G	A	0.35	0.03	2.24E-25
rs531175071	G	A	0.31	0.02	2.27E-25
rs555407692	A	C	0.33	0.03	2.29E-25
rs187326923	A	G	0.2	0.01	2.36E-25
rs142207119	C	T	0.16	0.01	2.36E-25
rs144824400	A	C	0.18	0.01	2.38E-25
rs12091515	G	T	0.27	0.02	2.38E-25
rs140151465	T	C	0.33	0.03	2.39E-25
rs185486194	A	G	0.34	0.03	2.40E-25
rs116135588	G	A	0.28	0.02	2.45E-25
rs112164681	C	T	0.27	0.02	2.45E-25
rs141043731	T	C	0.34	0.03	2.45E-25

rs80180437	C	T	0.34	0.03	2.45E-25
rs140277718	T	G	0.64	0.06	2.49E-25
rs569518187	T	C	0.34	0.03	2.50E-25
rs16868232	C	A	0.17	0.01	2.51E-25
rs186979183	C	A	1.05	0.1	2.57E-25
rs148286562	C	T	0.47	0.04	2.58E-25
rs528131324	T	C	0.34	0.03	2.59E-25
rs555489489	T	C	0.35	0.03	2.60E-25
rs190891588	T	C	0.28	0.02	2.62E-25
rs571726227	A	G	0.34	0.03	2.62E-25
rs142109934	A	G	0.34	0.03	2.64E-25
rs79507376	G	C	0.47	0.04	2.65E-25
rs148639460	G	A	0.29	0.02	2.65E-25
rs73384305	A	G	0.35	0.03	2.70E-25
rs150415067	C	G	0.35	0.03	2.70E-25
rs566761594	G	A	0.34	0.03	2.73E-25
rs77860041	A	G	0.31	0.02	2.73E-25
rs536911698	T	C	0.18	0.01	2.80E-25
rs114742993	C	T	0.18	0.01	2.80E-25
rs189831533	C	G	0.18	0.01	2.80E-25
rs140983240	T	C	0.18	0.01	2.80E-25
rs149317631	G	C	0.18	0.01	2.80E-25
rs139088019	A	G	0.18	0.01	2.80E-25
rs147114316	C	T	0.18	0.01	2.86E-25
rs77170707	C	T	0.18	0.01	2.88E-25
rs141931212	G	A	1.74	0.16	2.89E-25
rs150940347	C	G	0.18	0.01	2.89E-25
rs111951565	A	G	0.44	0.04	2.89E-25
rs189240084	A	G	0.34	0.03	2.91E-25
rs146095117	G	A	0.34	0.03	2.91E-25
rs148923371	C	T	0.34	0.03	3.01E-25
rs73517650	G	C	0.34	0.03	3.07E-25
rs113018433	T	C	0.43	0.04	3.10E-25
rs546175213	C	A	0.18	0.01	3.13E-25
rs192084162	T	G	0.17	0.01	3.22E-25
rs147226027	G	A	0.34	0.03	3.36E-25
rs112133354	T	C	0.45	0.04	3.41E-25
rs116205331	A	G	0.65	0.06	3.41E-25
rs535274809	G	C	0.12	0.01	3.42E-25
rs141132418	G	A	0.36	0.03	3.44E-25
rs183550883	T	C	0.44	0.04	3.44E-25
rs114133689	T	C	0.45	0.04	3.46E-25
rs564525286	A	G	0.45	0.04	3.46E-25
rs145755150	C	T	0.34	0.03	3.47E-25
rs532432933	A	G	0.38	0.03	3.54E-25
rs587713355	A	T	0.2	0.01	3.56E-25
rs73862006	G	A	0.34	0.03	3.61E-25
rs138904972	A	C	0.32	0.03	3.63E-25
rs79500563	A	G	0.44	0.04	3.65E-25
rs139426270	C	T	0.34	0.03	3.67E-25
rs137908309	T	A	0.34	0.03	3.71E-25
rs141964647	G	C	0.34	0.03	3.71E-25
rs114966736	A	G	0.31	0.03	3.75E-25
rs183218480	G	C	0.4	0.03	3.78E-25
rs116585479	C	G	0.53	0.05	3.82E-25
rs553825256	A	T	0.17	0.01	3.91E-25
rs114028094	C	G	0.33	0.03	3.93E-25
rs535272568	A	G	0.34	0.03	3.96E-25
rs143750537	A	C	0.43	0.04	4.02E-25
rs114368746	A	G	0.34	0.03	4.04E-25
rs149149089	T	C	0.34	0.03	4.05E-25

rs142934494	C	G	0.16	0.01	4.07E-25
rs139949966	T	A	6.86	0.66	4.15E-25
rs147616989	G	A	0.31	0.03	4.16E-25
rs143998985	A	T	0.53	0.05	4.19E-25
rs552906868	T	C	0.34	0.03	4.20E-25
rs185433733	C	A	0.55	0.05	4.25E-25
rs147399803	T	C	0.14	0.01	4.31E-25
rs146032493	G	A	0.34	0.03	4.33E-25
rs113324920	G	T	0.34	0.03	4.33E-25
rs61149468	C	T	0.43	0.04	4.34E-25
rs142622217	T	C	0.34	0.03	4.34E-25
rs183371485	T	C	0.34	0.03	4.35E-25
rs189748772	T	A	0.34	0.03	4.44E-25
rs569306766	G	A	0.34	0.03	4.46E-25
rs340169	G	T	-0.11	0.01	4.46E-25
rs77267749	A	C	0.33	0.03	4.49E-25
rs186179439	T	G	2.58	0.24	4.50E-25
rs556753101	C	A	0.34	0.03	4.73E-25
rs115721085	G	C	0.45	0.04	4.76E-25
rs115146099	G	A	0.34	0.03	4.84E-25
rs567143389	C	T	0.33	0.03	4.96E-25
rs140319622	T	C	1.45	0.14	4.97E-25
rs141437651	G	T	0.88	0.08	5.05E-25
rs148347447	C	T	0.42	0.04	5.07E-25
rs531034730	G	A	0.7	0.06	5.24E-25
rs116499061	C	T	0.34	0.03	5.26E-25
rs113166071	T	A	7.46	0.72	5.27E-25
rs566672620	T	C	0.33	0.03	5.34E-25
rs150123627	G	C	0.32	0.03	5.35E-25
rs190801197	A	T	0.36	0.03	5.38E-25
rs114987624	C	T	0.4	0.03	5.45E-25
rs144164681	A	G	0.34	0.03	5.51E-25
rs340167	A	G	-0.11	0.01	5.57E-25
rs190676282	G	T	0.33	0.03	5.58E-25
rs188814478	A	G	0.34	0.03	5.64E-25
rs150362910	T	C	0.64	0.06	5.66E-25
rs116827057	T	G	0.33	0.03	5.68E-25
rs180822047	T	C	0.33	0.03	5.68E-25
rs185623573	C	T	0.33	0.03	5.68E-25
rs78635290	T	C	0.33	0.03	5.68E-25
rs77180780	G	A	0.33	0.03	5.71E-25
rs77836630	C	T	0.33	0.03	5.71E-25
rs79256911	A	G	0.33	0.03	5.73E-25
rs182484889	A	G	0.33	0.03	5.75E-25
rs116568001	C	G	0.18	0.01	5.75E-25
rs115454391	G	A	0.34	0.03	5.77E-25
rs568570253	C	T	0.33	0.03	5.80E-25
rs116294699	C	T	0.34	0.03	5.81E-25
rs150858008	T	C	0.51	0.04	5.95E-25
rs114165319	A	C	0.34	0.03	6.03E-25
rs73357624	T	A	0.43	0.04	6.04E-25
rs187283386	C	T	0.33	0.03	6.07E-25
rs80310904	T	C	0.33	0.03	6.07E-25
rs114094517	A	G	0.35	0.03	6.08E-25
rs77484455	A	C	0.32	0.03	6.11E-25
rs545181095	A	G	0.31	0.03	6.12E-25
rs193198944	A	G	0.17	0.01	6.14E-25
rs60289385	C	A	0.31	0.03	6.19E-25
rs577740992	A	G	0.33	0.03	6.21E-25
rs562635729	C	T	0.33	0.03	6.21E-25
rs140215671	G	A	0.3	0.02	6.33E-25

rs148895615	G	A	0.48	0.04	6.34E-25
rs545214236	T	C	0.35	0.03	6.35E-25
rs191689694	G	A	0.3	0.02	6.37E-25
rs187939228	T	C	0.33	0.03	6.41E-25
rs545631433	C	T	0.33	0.03	6.44E-25
rs183177323	T	C	0.34	0.03	6.54E-25
rs532410678	A	C	0.34	0.03	6.55E-25
rs564551445	T	C	0.34	0.03	6.55E-25
rs76262980	C	G	0.61	0.05	6.57E-25
rs192661937	A	G	0.3	0.02	6.57E-25
rs17086715	G	A	0.33	0.03	6.61E-25
rs138148258	A	G	0.34	0.03	6.61E-25
rs115074376	C	T	0.34	0.03	6.61E-25
rs553745377	C	T	0.37	0.03	6.62E-25
rs112374658	A	G	0.44	0.04	6.63E-25
rs115671384	G	C	0.31	0.03	6.70E-25
rs138146159	C	A	0.34	0.03	6.72E-25
rs118135757	A	G	0.17	0.01	6.75E-25
rs559158493	G	C	0.35	0.03	6.75E-25
rs547835712	C	T	0.21	0.02	6.77E-25
rs533398944	A	C	0.33	0.03	6.78E-25
rs146946936	C	T	0.34	0.03	6.83E-25
rs146037197	G	A	0.34	0.03	6.90E-25
rs9994723	G	T	0.34	0.03	6.95E-25
rs114743187	C	T	0.33	0.03	6.96E-25
rs139501160	C	T	0.34	0.03	7.01E-25
rs75726928	G	T	0.32	0.03	7.03E-25
rs79194081	T	C	0.33	0.03	7.09E-25
rs149319624	C	T	0.43	0.04	7.13E-25
rs188470277	G	A	0.4	0.03	7.17E-25
rs562320040	A	C	0.18	0.01	7.28E-25
rs139486014	A	G	0.34	0.03	7.36E-25
rs77641767	G	A	0.33	0.03	7.38E-25
rs78661197	G	T	0.33	0.03	7.39E-25
rs181679166	C	T	0.33	0.03	7.41E-25
rs181934659	A	T	0.33	0.03	7.41E-25
rs76822270	A	G	0.33	0.03	7.41E-25
rs116040077	T	C	0.33	0.03	7.42E-25
rs192348320	T	C	0.33	0.03	7.42E-25
rs74968593	G	A	0.33	0.03	7.49E-25
rs10118212	T	C	0.34	0.03	7.60E-25
rs150418752	T	C	0.45	0.04	7.62E-25
rs115716477	G	A	0.33	0.03	7.72E-25
rs115712660	C	T	0.33	0.03	7.72E-25
rs55757053	G	A	0.33	0.03	7.73E-25
rs117423758	C	G	0.22	0.02	7.75E-25
rs14732	G	C	0.33	0.03	7.79E-25
rs116046243	A	G	0.33	0.03	7.86E-25
rs182238090	A	T	0.33	0.03	7.86E-25
rs79402599	G	A	0.33	0.03	7.86E-25
rs551873996	A	G	0.32	0.03	7.86E-25
rs115575575	A	C	0.33	0.03	7.88E-25
rs139695116	A	G	0.33	0.03	7.92E-25
rs193121406	A	G	0.36	0.03	7.95E-25
rs148273236	C	T	0.33	0.03	7.97E-25
rs186971974	G	C	0.33	0.03	7.97E-25
rs569200218	T	C	0.34	0.03	7.99E-25
rs190002281	A	G	0.31	0.03	8.01E-25
rs116805644	C	T	0.31	0.03	8.17E-25
rs558558731	C	T	0.33	0.03	8.20E-25
rs181232485	T	C	0.34	0.03	8.23E-25

rs183801079	T	C	0.33	0.03	8.24E-25
rs143964850	G	A	0.18	0.01	8.36E-25
rs143751280	C	T	0.18	0.01	8.50E-25
rs116465086	T	C	0.18	0.01	8.50E-25
rs139209463	T	C	0.34	0.03	8.58E-25
rs188342469	C	T	0.34	0.03	8.60E-25
rs143827998	C	G	0.46	0.04	8.60E-25
rs186079756	T	C	0.33	0.03	8.64E-25
rs146172840	A	T	0.39	0.03	8.68E-25
rs554032234	C	T	0.3	0.02	9.00E-25
rs73940104	G	A	0.59	0.05	9.05E-25
rs73936894	T	C	0.35	0.03	9.13E-25
rs116300221	T	C	0.33	0.03	9.28E-25
rs576394248	T	C	0.32	0.03	9.30E-25
rs76297113	A	G	0.33	0.03	9.41E-25
rs114105293	G	A	0.34	0.03	9.42E-25
rs572021598	A	G	1.24	0.12	9.52E-25
rs539109584	G	T	0.6	0.05	9.55E-25
rs115858037	G	A	0.35	0.03	9.74E-25
rs151235641	A	G	0.22	0.02	9.80E-25
rs143867150	C	A	0.34	0.03	9.80E-25
rs191749426	T	C	1.19	0.11	9.98E-25
rs143251210	C	T	0.45	0.04	1.00E-24
rs140644501	T	C	0.33	0.03	1.00E-24
rs117809629	G	C	0.33	0.03	1.00E-24
rs114334506	A	G	0.33	0.03	1.02E-24
rs13353733	C	T	0.29	0.02	1.02E-24
rs140377774	T	C	0.34	0.03	1.02E-24
rs140992729	A	C	0.33	0.03	1.02E-24
rs11970899	A	G	0.33	0.03	1.02E-24
rs11971565	A	G	0.33	0.03	1.02E-24
rs183240939	T	C	0.33	0.03	1.03E-24
rs571469990	T	C	0.35	0.03	1.05E-24
rs145006311	T	G	0.34	0.03	1.07E-24
rs141191623	G	C	0.17	0.01	1.07E-24
rs373129897	T	C	0.17	0.01	1.08E-24
rs148644797	A	G	0.33	0.03	1.08E-24
rs185202801	T	G	0.33	0.03	1.08E-24
rs329282	T	C	0.85	0.08	1.08E-24
rs551406680	G	T	0.32	0.03	1.11E-24
rs143430362	T	C	0.5	0.04	1.11E-24
rs116790102	T	C	0.33	0.03	1.11E-24
rs193151656	C	G	0.33	0.03	1.12E-24
rs189633654	C	T	0.33	0.03	1.12E-24
rs542539824	A	C	0.11	0.01	1.13E-24
rs573777055	G	A	0.34	0.03	1.15E-24
rs547889739	T	C	0.33	0.03	1.16E-24
rs138119658	G	A	0.34	0.03	1.16E-24
rs138509882	A	G	0.3	0.02	1.16E-24
rs543587971	T	C	0.34	0.03	1.17E-24
rs79041217	G	A	0.33	0.03	1.18E-24
rs77883018	T	C	0.34	0.03	1.18E-24
rs142543429	A	G	0.33	0.03	1.18E-24
rs114165191	A	G	0.33	0.03	1.18E-24
rs191192321	T	A	0.35	0.03	1.19E-24
rs57098716	G	A	0.33	0.03	1.21E-24
rs146196189	T	C	0.17	0.01	1.21E-24
rs187210077	C	G	0.3	0.03	1.23E-24
rs112269755	A	G	0.48	0.04	1.24E-24
rs140433311	A	G	0.34	0.03	1.24E-24
rs143552411	T	C	0.33	0.03	1.29E-24

rs139443432	A	G	0.31	0.03	1.29E-24
rs141622319	G	C	0.49	0.04	1.30E-24
rs116155790	A	C	0.65	0.06	1.30E-24
rs116308970	C	T	0.16	0.01	1.32E-24
rs369273375	C	T	0.33	0.03	1.34E-24
rs144422206	A	G	0.32	0.03	1.34E-24
rs572182322	C	T	0.54	0.05	1.36E-24
rs75175702	C	T	0.33	0.03	1.36E-24
rs75477885	C	T	0.34	0.03	1.37E-24
rs73357623	T	G	0.42	0.04	1.37E-24
rs113761211	C	T	0.3	0.02	1.38E-24
rs183061538	C	T	0.28	0.02	1.41E-24
rs148771831	C	A	0.36	0.03	1.42E-24
rs142276542	T	G	0.23	0.02	1.43E-24
rs137971996	A	T	0.33	0.03	1.45E-24
rs532458924	A	G	0.33	0.03	1.45E-24
rs561367411	C	G	0.32	0.03	1.46E-24
rs115393040	C	T	0.29	0.02	1.47E-24
rs530444984	A	G	1.52	0.14	1.47E-24
rs115918183	G	C	0.34	0.03	1.49E-24
rs79643780	A	G	0.32	0.03	1.49E-24
rs145476551	C	T	0.51	0.05	1.50E-24
rs182853695	T	C	0.33	0.03	1.50E-24
rs144114498	A	T	0.3	0.02	1.52E-24
rs148416826	A	C	0.34	0.03	1.53E-24
rs181069213	C	T	0.33	0.03	1.54E-24
rs555642282	G	A	0.33	0.03	1.55E-24
rs570597658	A	G	0.33	0.03	1.55E-24
rs532399253	G	T	0.45	0.04	1.55E-24
rs191272646	A	G	0.76	0.07	1.58E-24
rs75287912	C	T	0.33	0.03	1.59E-24
rs569195032	T	A	0.32	0.03	1.59E-24
rs544674474	T	C	0.32	0.03	1.59E-24
rs148883683	C	G	0.33	0.03	1.60E-24
rs148985258	G	A	0.21	0.02	1.62E-24
rs139089355	C	G	0.3	0.03	1.63E-24
rs376687626	A	G	0.26	0.02	1.64E-24
rs550204187	C	T	0.28	0.02	1.64E-24
rs118102345	G	A	0.31	0.03	1.65E-24
rs113601889	T	C	0.33	0.03	1.66E-24
rs144021272	C	G	0.3	0.03	1.66E-24
rs147052932	C	A	0.41	0.04	1.67E-24
rs10013940	A	G	0.41	0.04	1.67E-24
rs114881594	G	A	0.37	0.03	1.68E-24
rs147522909	T	C	0.33	0.03	1.70E-24
rs189221187	G	A	0.33	0.03	1.71E-24
rs550614847	T	C	0.33	0.03	1.76E-24
rs574426960	A	G	0.08	0.0084898	1.77E-24
rs539864462	C	T	0.36	0.03	1.81E-24
rs151110072	C	A	2.06	0.2	1.82E-24
rs558304510	T	C	0.32	0.03	1.84E-24
rs140489911	C	T	0.33	0.03	1.87E-24
rs150667576	T	C	0.33	0.03	1.88E-24
rs151198337	T	A	0.33	0.03	1.88E-24
rs139835606	G	A	0.33	0.03	1.88E-24
rs114277983	A	G	0.33	0.03	1.89E-24
rs370170314	A	C	0.32	0.03	1.92E-24
rs111875791	T	A	0.43	0.04	1.94E-24
rs77109515	T	G	0.43	0.04	1.94E-24
rs143095725	C	G	0.12	0.01	1.97E-24
rs73101546	G	T	0.41	0.04	2.00E-24



rs533359899	T	C	0.34	0.03	2.03E-24
rs150667793	A	G	0.32	0.03	2.05E-24
rs139964138	T	C	0.33	0.03	2.06E-24
rs328941	T	C	0.33	0.03	2.07E-24
rs531545244	G	A	0.32	0.03	2.07E-24
rs189985795	T	C	0.33	0.03	2.07E-24
rs147280381	T	C	0.33	0.03	2.08E-24
rs147097352	T	C	0.33	0.03	2.09E-24
rs114001717	C	T	0.32	0.03	2.09E-24
rs10439992	C	G	0.33	0.03	2.09E-24
rs554955035	C	T	0.33	0.03	2.10E-24
rs576694828	G	A	0.32	0.03	2.10E-24
rs183511311	A	G	0.33	0.03	2.10E-24
rs76825444	A	T	0.32	0.03	2.11E-24
rs551142689	C	T	0.33	0.03	2.11E-24
rs144924107	A	G	0.33	0.03	2.14E-24
rs184493503	G	A	0.33	0.03	2.14E-24
rs143723113	A	G	0.33	0.03	2.16E-24
rs150385768	G	C	0.43	0.04	2.17E-24
rs566646824	G	A	0.35	0.03	2.21E-24
rs114399754	C	T	0.45	0.04	2.27E-24
rs116344998	C	T	0.28	0.02	2.29E-24
rs116056946	G	A	0.25	0.02	2.29E-24
rs73363355	G	C	0.32	0.03	2.34E-24
rs183539104	T	A	0.33	0.03	2.36E-24
rs184648317	T	C	0.33	0.03	2.36E-24
rs186100034	T	G	0.31	0.03	2.36E-24
rs143330515	T	A	0.33	0.03	2.37E-24
rs149200899	A	G	0.33	0.03	2.37E-24
rs139042932	G	C	0.31	0.03	2.37E-24
rs192980138	C	G	0.33	0.03	2.37E-24
rs187332613	C	T	0.41	0.04	2.38E-24
rs10225010	T	C	0.32	0.03	2.41E-24
rs567283820	T	C	0.92	0.09	2.43E-24
rs139523021	C	T	0.33	0.03	2.43E-24
rs116704655	G	T	0.33	0.03	2.43E-24
rs143001683	A	G	0.31	0.03	2.45E-24
rs149789141	C	A	0.33	0.03	2.52E-24
rs184077083	A	C	1.22	0.11	2.55E-24
rs114663430	A	G	0.32	0.03	2.57E-24
rs147534209	T	G	0.33	0.03	2.58E-24
rs74409426	G	A	0.3	0.02	2.59E-24
rs138173596	G	A	0.34	0.03	2.60E-24
rs528918450	C	A	0.32	0.03	2.61E-24
rs551513145	G	T	0.32	0.03	2.63E-24
rs567862001	C	T	0.32	0.03	2.63E-24
rs529390396	G	C	0.32	0.03	2.63E-24
rs112694946	G	A	0.32	0.03	2.65E-24
rs573306602	C	T	0.33	0.03	2.67E-24
rs562979225	G	T	0.32	0.03	2.69E-24
rs75556277	T	C	0.31	0.03	2.69E-24
rs363702	G	C	0.17	0.01	2.75E-24
rs189052255	G	A	0.95	0.09	2.79E-24
rs73357613	C	T	0.42	0.04	2.79E-24
rs114824696	A	C	0.5	0.04	2.79E-24
rs76795651	C	T	0.32	0.03	2.79E-24
rs183474164	C	T	0.4	0.04	2.81E-24
rs185288366	G	A	83.8	8.24	2.82E-24
rs548276411	G	A	0.32	0.03	2.87E-24
rs73005467	G	A	0.32	0.03	2.92E-24
rs73005447	G	C	0.32	0.03	2.92E-24

rs192413071	T	G	0.32	0.03	2.92E-24
rs6681226	G	T	0.32	0.03	2.92E-24
rs58830839	G	A	0.32	0.03	2.92E-24
rs73005464	T	C	0.32	0.03	2.92E-24
rs538392652	A	G	0.32	0.03	2.93E-24
rs73003266	G	T	0.32	0.03	2.93E-24
rs145170363	A	G	0.32	0.03	2.93E-24
rs143263437	T	C	0.32	0.03	2.94E-24
rs146387318	A	T	0.49	0.04	2.94E-24
rs190084355	A	C	0.33	0.03	3.00E-24
rs114415822	T	C	0.16	0.01	3.00E-24
rs145829886	G	C	0.35	0.03	3.00E-24
rs76217406	A	G	0.35	0.03	3.01E-24
rs147339638	G	A	0.32	0.03	3.02E-24
rs145690446	G	A	0.33	0.03	3.06E-24
rs151277085	G	A	0.6	0.05	3.07E-24
rs141786690	T	G	0.32	0.03	3.09E-24
rs10251379	G	A	0.32	0.03	3.11E-24
rs115209114	A	C	0.32	0.03	3.12E-24
rs181671457	C	T	0.33	0.03	3.12E-24
rs113931609	C	G	0.33	0.03	3.12E-24
rs146225774	C	T	0.32	0.03	3.13E-24
rs11252841	C	G	0.32	0.03	3.13E-24
rs140597673	G	A	0.32	0.03	3.14E-24
rs530718588	C	T	0.32	0.03	3.16E-24
rs139597459	C	T	0.32	0.03	3.17E-24
rs142888228	C	G	0.32	0.03	3.18E-24
rs553670023	A	C	0.32	0.03	3.20E-24
rs142494578	A	C	0.93	0.09	3.21E-24
rs183013081	A	G	0.33	0.03	3.21E-24
rs112883686	C	T	0.29	0.02	3.23E-24
rs191656953	A	G	0.32	0.03	3.26E-24
rs183991259	G	T	0.32	0.03	3.26E-24
rs146245149	A	G	0.16	0.01	3.26E-24
rs377114975	G	A	0.32	0.03	3.26E-24
rs544473250	A	T	0.32	0.03	3.28E-24
rs191950142	C	T	0.34	0.03	3.30E-24
rs116153356	T	A	0.33	0.03	3.31E-24
rs113807175	C	T	0.33	0.03	3.39E-24
rs533463085	G	A	0.34	0.03	3.41E-24
rs141784489	T	C	0.33	0.03	3.41E-24
rs191896132	G	A	0.33	0.03	3.41E-24
rs114073374	G	C	0.32	0.03	3.41E-24
rs79048732	A	G	0.32	0.03	3.45E-24
rs116475064	C	T	0.29	0.02	3.50E-24
rs13389757	A	G	0.16	0.01	3.52E-24
rs148912317	A	G	0.32	0.03	3.54E-24
rs147744681	G	A	0.44	0.04	3.57E-24
rs558819373	C	T	0.32	0.03	3.61E-24
rs114363218	T	A	0.32	0.03	3.62E-24
rs370793521	G	C	0.32	0.03	3.65E-24
rs114477250	C	T	0.34	0.03	3.65E-24
rs139041031	C	A	0.32	0.03	3.66E-24
rs139293779	T	C	0.46	0.04	3.67E-24
rs113312090	T	C	0.32	0.03	3.67E-24
rs149066062	A	T	0.32	0.03	3.69E-24
rs114012777	T	C	0.32	0.03	3.73E-24
rs61068332	G	A	0.32	0.03	3.74E-24
rs114067503	G	A	0.42	0.04	3.75E-24
rs574906734	A	G	0.33	0.03	3.78E-24
rs111361533	G	C	0.33	0.03	3.81E-24

rs367773523	G	A	0.32	0.03	3.83E-24
rs148475133	T	C	0.33	0.03	3.85E-24
rs571223064	G	A	0.33	0.03	3.86E-24
rs190104520	G	C	1.87	0.18	3.88E-24
rs138049169	A	G	0.32	0.03	3.90E-24
rs117425656	C	T	0.34	0.03	3.91E-24
rs114814475	A	C	0.32	0.03	3.91E-24
rs146446263	A	C	0.32	0.03	3.91E-24
rs147434575	A	C	0.3	0.03	3.97E-24
rs189882062	T	C	0.32	0.03	3.99E-24
rs112406083	G	A	0.33	0.03	4.03E-24
rs141933318	T	C	0.16	0.01	4.03E-24
rs116451032	T	C	0.3	0.03	4.06E-24
rs112376339	A	G	0.33	0.03	4.09E-24
rs144874691	C	G	0.32	0.03	4.10E-24
rs184396205	G	A	0.36	0.03	4.11E-24
rs540263218	T	C	0.32	0.03	4.13E-24
rs150330042	A	C	0.32	0.03	4.15E-24
rs560141461	C	A	0.32	0.03	4.16E-24
rs114406045	C	G	0.33	0.03	4.18E-24
rs114981083	A	G	0.33	0.03	4.18E-24
rs149567271	T	C	0.32	0.03	4.18E-24
rs1688286	C	A	-0.11	0.01	4.21E-24
rs141340457	G	T	0.32	0.03	4.21E-24
rs6904009	A	C	0.32	0.03	4.22E-24
rs116347389	T	C	0.33	0.03	4.23E-24
rs115874517	T	C	0.38	0.03	4.24E-24
rs114651115	C	G	0.3	0.03	4.31E-24
rs150338885	A	T	0.32	0.03	4.31E-24
rs573814605	A	G	0.32	0.03	4.31E-24
rs141169915	T	C	0.32	0.03	4.32E-24
rs76976863	G	C	0.32	0.03	4.33E-24
rs150803177	C	T	0.32	0.03	4.34E-24
rs146452149	T	C	0.32	0.03	4.42E-24
rs116706786	T	A	0.34	0.03	4.42E-24
rs112019461	C	A	0.32	0.03	4.43E-24
rs146122651	C	T	0.32	0.03	4.46E-24
rs145242339	G	C	0.34	0.03	4.46E-24
rs111326744	A	G	0.42	0.04	4.47E-24
rs148463384	G	A	0.16	0.01	4.47E-24
rs140557219	C	T	0.32	0.03	4.50E-24
rs137901076	C	G	0.32	0.03	4.51E-24
rs147221942	T	C	0.33	0.03	4.53E-24
rs545573051	A	G	0.35	0.03	4.57E-24
rs538113365	G	A	0.32	0.03	4.60E-24
rs79687656	G	A	0.16	0.01	4.61E-24
rs76825034	C	T	0.32	0.03	4.62E-24
rs114934773	A	G	0.16	0.01	4.62E-24
rs201000509	A	G	0.31	0.03	4.65E-24
rs79383716	T	C	0.17	0.01	4.69E-24
rs80140114	C	T	0.32	0.03	4.74E-24
rs142805047	C	A	0.32	0.03	4.78E-24
rs552596005	G	A	0.32	0.03	4.83E-24
rs139966576	A	C	0.32	0.03	4.85E-24
rs10239290	G	A	0.32	0.03	4.88E-24
rs145266473	T	C	0.32	0.03	4.96E-24
rs374934530	C	T	0.32	0.03	4.99E-24
rs139338201	C	T	0.32	0.03	5.02E-24
rs114599906	C	T	0.38	0.03	5.07E-24
rs116287386	C	A	0.41	0.04	5.08E-24
rs78470976	C	T	0.32	0.03	5.10E-24

rs79484437	G	A	0.37	0.03	5.14E-24
rs141809415	T	C	0.32	0.03	5.14E-24
rs181640344	T	G	0.41	0.04	5.16E-24
rs190788611	C	T	0.32	0.03	5.16E-24
rs149636956	G	C	0.27	0.02	5.16E-24
rs185995449	A	G	0.16	0.01	5.20E-24
rs150608673	T	C	0.32	0.03	5.21E-24
rs116229473	G	T	3.16	0.31	5.25E-24
rs137912862	G	C	0.34	0.03	5.26E-24
rs112101186	A	G	0.32	0.03	5.31E-24
rs185995159	T	C	0.34	0.03	5.32E-24
rs113508620	C	G	0.32	0.03	5.34E-24
rs116029066	G	A	0.25	0.02	5.34E-24
rs113435269	C	G	0.32	0.03	5.39E-24
rs142259099	C	T	0.32	0.03	5.39E-24
rs568649407	T	C	0.32	0.03	5.48E-24
rs573262988	A	G	0.32	0.03	5.48E-24
rs113333506	A	T	0.32	0.03	5.49E-24
rs537089331	G	A	0.32	0.03	5.51E-24
rs147931210	T	C	0.16	0.01	5.52E-24
rs144575929	A	G	0.27	0.02	5.52E-24
rs12045124	A	T	0.33	0.03	5.53E-24
rs556289415	G	C	0.34	0.03	5.61E-24
rs148025547	C	T	0.32	0.03	5.71E-24
rs187104732	G	A	0.32	0.03	5.71E-24
rs190845928	G	T	0.32	0.03	5.74E-24
rs188605779	A	G	0.32	0.03	5.75E-24
rs184527181	C	A	0.31	0.03	5.76E-24
rs139967256	A	G	0.32	0.03	5.76E-24
rs537360110	A	G	0.32	0.03	5.82E-24
rs538574317	C	T	0.39	0.03	5.83E-24
rs146220988	T	G	0.44	0.04	5.84E-24
rs147152020	C	T	0.32	0.03	5.96E-24
rs151283821	G	A	0.32	0.03	5.96E-24
rs558829382	A	G	0.37	0.03	6.00E-24
rs143479202	T	C	0.3	0.03	6.02E-24
rs73105562	G	A	0.33	0.03	6.02E-24
rs542077976	C	T	0.32	0.03	6.02E-24
rs7844525	C	T	0.32	0.03	6.03E-24
rs554600636	G	A	0.32	0.03	6.09E-24
rs549533080	A	G	0.24	0.02	6.11E-24
rs142400542	G	A	0.32	0.03	6.15E-24
rs544884325	A	G	0.42	0.04	6.20E-24
rs76675175	A	C	0.32	0.03	6.21E-24
rs144479622	T	C	0.32	0.03	6.26E-24
rs151163985	G	A	0.32	0.03	6.31E-24
rs189120414	A	G	0.42	0.04	6.35E-24
rs16924320	A	G	0.34	0.03	6.42E-24
rs147233482	C	T	0.4	0.03	6.46E-24
rs180976858	T	C	0.32	0.03	6.55E-24
rs546092335	C	T	0.32	0.03	6.57E-24
rs564888136	T	G	0.32	0.03	6.60E-24
rs7597922	G	C	0.32	0.03	6.65E-24
rs142412810	T	C	0.33	0.03	6.69E-24
rs559832847	G	T	0.32	0.03	6.70E-24
rs183809886	C	A	0.32	0.03	6.71E-24
rs1982712	G	A	0.35	0.03	6.73E-24
rs10250854	G	A	0.32	0.03	6.73E-24
rs148381312	A	G	0.28	0.02	6.81E-24
rs192409475	C	G	0.32	0.03	6.84E-24
rs150118833	C	T	0.32	0.03	6.85E-24

rs544955338	G	T	0.31	0.03	6.87E-24
rs113405551	C	T	0.78	0.07	6.92E-24
rs141858388	G	A	0.45	0.04	6.99E-24
rs534963511	T	C	0.32	0.03	7.02E-24
rs192533925	G	T	0.4	0.04	7.07E-24
rs11466530	T	C	0.32	0.03	7.10E-24
rs567488725	G	A	0.32	0.03	7.10E-24
rs149908025	C	T	0.32	0.03	7.20E-24
rs529339754	C	T	0.32	0.03	7.25E-24
rs78553646	A	G	0.11	0.01	7.25E-24
rs149019115	G	A	0.32	0.03	7.30E-24
rs142554113	C	T	1.26	0.12	7.32E-24
rs189163640	T	A	0.32	0.03	7.42E-24
rs187674746	A	G	0.32	0.03	7.47E-24
rs186244350	C	A	0.32	0.03	7.47E-24
rs115202507	T	C	0.32	0.03	7.54E-24
rs190660753	G	A	0.32	0.03	7.57E-24
rs186534780	C	T	0.32	0.03	7.63E-24
rs150023468	T	C	0.55	0.05	7.67E-24
rs115636279	A	G	0.32	0.03	7.71E-24
rs140148366	A	G	0.32	0.03	7.80E-24
rs150111780	T	G	0.32	0.03	7.85E-24
rs142718424	A	G	0.31	0.03	7.96E-24
rs182038783	C	A	0.31	0.03	8.04E-24
rs115851010	T	C	0.78	0.07	8.06E-24
rs114458173	T	C	0.32	0.03	8.06E-24
rs561475507	A	C	0.32	0.03	8.09E-24
rs142590881	G	C	0.32	0.03	8.17E-24
rs149957278	T	A	0.32	0.03	8.17E-24
rs142915114	C	T	20.51	2.03	8.20E-24
rs138573940	T	C	0.32	0.03	8.24E-24
rs577868088	T	C	0.39	0.03	8.25E-24
rs188079473	C	A	1.4	0.14	8.25E-24
rs116018302	T	C	0.35	0.03	8.26E-24
rs149409298	A	G	0.32	0.03	8.27E-24
rs148357611	G	T	0.33	0.03	8.36E-24
rs76580661	A	G	0.35	0.03	8.46E-24
rs185326610	G	T	0.33	0.03	8.55E-24
rs186693014	G	T	0.32	0.03	8.56E-24
rs143144582	A	G	0.16	0.01	8.59E-24
rs73001310	T	G	0.32	0.03	8.61E-24
rs112339922	G	A	0.42	0.04	8.63E-24
rs151169675	T	C	0.32	0.03	8.66E-24
rs145175727	G	A	0.35	0.03	8.69E-24
rs12544563	C	T	0.31	0.03	8.71E-24
rs190755383	G	A	0.31	0.03	8.71E-24
rs535327240	C	A	0.31	0.03	8.71E-24
rs536996934	A	C	0.32	0.03	8.72E-24
rs185258994	T	C	0.31	0.03	8.72E-24
rs140612843	C	A	4.93	0.49	8.78E-24
rs145578016	G	A	0.32	0.03	8.78E-24
rs531906307	G	A	0.31	0.03	8.81E-24
rs146496193	A	C	0.32	0.03	8.94E-24
rs549790696	G	A	0.31	0.03	8.99E-24
rs2391981	T	A	0.32	0.03	9.03E-24
rs144781469	T	C	0.32	0.03	9.04E-24
rs574563433	T	C	0.31	0.03	9.30E-24
rs528129323	G	C	0.31	0.03	9.32E-24
rs141570545	A	T	0.32	0.03	9.33E-24
rs189035788	G	A	0.32	0.03	9.34E-24
rs12233783	T	C	0.18	0.01	9.34E-24

rs151309381	A	G	0.32	0.03	9.35E-24
rs574584626	A	T	0.33	0.03	9.38E-24
rs537547926	C	T	0.49	0.04	9.43E-24
rs570729888	C	G	0.31	0.03	9.45E-24
rs189091632	T	G	0.32	0.03	9.46E-24
rs77786179	T	C	0.31	0.03	9.52E-24
rs116980553	A	G	0.52	0.05	9.62E-24
rs114133362	G	A	0.16	0.01	9.66E-24
rs147287693	A	G	0.35	0.03	9.73E-24
rs144220908	T	G	0.26	0.02	9.76E-24
rs537523860	A	G	0.31	0.03	9.79E-24
rs544942479	C	A	0.32	0.03	9.84E-24
rs575107858	T	G	0.31	0.03	9.89E-24
rs543085489	C	T	0.31	0.03	9.94E-24
rs75792784	T	C	0.28	0.02	9.95E-24
rs568359549	G	C	0.31	0.03	1.00E-23
rs575359138	A	C	0.31	0.03	1.00E-23
rs549116786	G	A	0.32	0.03	1.01E-23
rs529753296	G	C	0.31	0.03	1.01E-23
rs150224720	A	C	0.32	0.03	1.01E-23
rs75158689	A	T	0.32	0.03	1.01E-23
rs113952903	C	T	0.32	0.03	1.01E-23
rs146239993	T	A	0.32	0.03	1.02E-23
rs151106891	G	C	0.32	0.03	1.02E-23
rs181754165	A	G	0.32	0.03	1.02E-23
rs145482198	C	A	0.32	0.03	1.02E-23
rs571477340	A	G	0.31	0.03	1.02E-23
rs577422829	A	T	0.31	0.03	1.03E-23
rs184905482	A	T	0.27	0.02	1.03E-23
rs139196885	T	C	0.32	0.03	1.03E-23
rs145705355	A	C	0.32	0.03	1.03E-23
rs185056766	T	C	0.32	0.03	1.03E-23
rs562327460	T	C	0.32	0.03	1.04E-23
rs141236165	T	C	0.32	0.03	1.05E-23
rs78451440	T	C	0.29	0.02	1.05E-23
rs191548127	C	T	0.28	0.02	1.05E-23
rs144062520	A	C	0.16	0.01	1.06E-23
rs143562612	G	T	0.32	0.03	1.06E-23
rs182361246	C	A	20.67	2.06	1.06E-23
rs111667223	G	T	0.32	0.03	1.07E-23
rs145737926	A	G	0.16	0.01	1.08E-23
rs144948429	A	C	0.32	0.03	1.08E-23
rs574069784	T	C	0.3	0.03	1.08E-23
rs192379440	T	A	0.32	0.03	1.08E-23
rs138120515	G	A	0.32	0.03	1.08E-23
rs116476668	A	G	0.32	0.03	1.09E-23
rs180771620	C	G	0.32	0.03	1.09E-23
rs548177184	T	G	0.32	0.03	1.09E-23
rs141293519	G	T	0.32	0.03	1.09E-23
rs141871866	C	A	0.41	0.04	1.10E-23
rs144084965	C	T	0.32	0.03	1.10E-23
rs188156500	A	G	0.32	0.03	1.10E-23
rs182044662	C	T	0.1	0.01	1.11E-23
rs79646509	T	G	0.32	0.03	1.11E-23
rs79855142	T	C	0.32	0.03	1.11E-23
rs141444743	G	A	0.3	0.03	1.11E-23
rs180671374	T	C	0.3	0.03	1.11E-23
rs549219716	A	T	0.3	0.03	1.11E-23
rs112154711	A	C	0.42	0.04	1.11E-23
rs532962707	G	C	0.3	0.03	1.12E-23
rs145964221	C	G	0.32	0.03	1.12E-23

rs143512480	T	C	0.32	0.03	1.13E-23
rs560015371	C	A	0.29	0.02	1.13E-23
rs529486885	T	A	0.3	0.03	1.14E-23
rs533619651	T	C	0.3	0.03	1.14E-23
rs59702376	C	A	0.32	0.03	1.15E-23
rs138079830	T	C	0.19	0.01	1.15E-23
rs182070918	C	T	0.31	0.03	1.15E-23
rs10268131	A	G	0.32	0.03	1.17E-23
rs28380681	G	C	0.32	0.03	1.18E-23
rs186917658	A	G	0.31	0.03	1.18E-23
rs138259963	A	T	0.32	0.03	1.19E-23
rs114721799	A	G	0.32	0.03	1.19E-23
rs149920734	A	G	0.32	0.03	1.20E-23
rs76113550	G	A	0.32	0.03	1.20E-23
rs371990503	G	T	0.34	0.03	1.20E-23
rs144307596	C	T	0.32	0.03	1.21E-23
rs6740437	G	A	0.21	0.02	1.22E-23
rs115758753	T	C	0.34	0.03	1.23E-23
rs115919135	G	A	0.34	0.03	1.23E-23
rs546658177	A	G	0.31	0.03	1.24E-23
rs146275019	C	T	0.49	0.04	1.24E-23
rs535823947	A	G	0.3	0.03	1.26E-23
rs181631376	G	A	0.32	0.03	1.27E-23
rs574753826	A	G	0.31	0.03	1.27E-23
rs77142805	A	C	0.16	0.01	1.27E-23
rs149777664	A	G	0.4	0.04	1.27E-23
rs528831393	G	A	0.3	0.03	1.27E-23
rs113704936	T	C	0.32	0.03	1.28E-23
rs531699673	A	G	0.76	0.07	1.28E-23
rs111617871	T	A	0.32	0.03	1.28E-23
rs140548173	A	C	0.32	0.03	1.30E-23
rs74359835	C	T	0.59	0.05	1.32E-23
rs183308720	T	C	0.36	0.03	1.33E-23
rs114952173	C	G	0.32	0.03	1.34E-23
rs150938981	A	G	0.32	0.03	1.34E-23
rs16936723	C	A	0.32	0.03	1.34E-23
rs16936734	C	T	0.32	0.03	1.35E-23
rs546562944	G	A	0.31	0.03	1.36E-23
rs146511534	C	T	0.24	0.02	1.36E-23
rs542518523	G	A	0.33	0.03	1.36E-23
rs114562394	A	C	0.16	0.01	1.37E-23
rs113516594	T	C	0.32	0.03	1.38E-23
rs191586448	C	T	0.27	0.02	1.38E-23
rs73096847	C	G	0.32	0.03	1.39E-23
rs111850197	A	G	0.32	0.03	1.39E-23
rs187468516	C	T	0.34	0.03	1.39E-23
rs138693983	A	C	0.32	0.03	1.40E-23
rs28830825	G	A	0.31	0.03	1.41E-23
rs6796964	T	C	0.32	0.03	1.41E-23
rs115496662	G	C	0.32	0.03	1.43E-23
rs115552895	A	G	0.33	0.03	1.44E-23
rs566866020	T	C	0.32	0.03	1.44E-23
rs144209628	G	A	0.34	0.03	1.44E-23
rs188090459	T	C	0.31	0.03	1.44E-23
rs143179893	T	C	0.32	0.03	1.45E-23
rs143545904	G	A	0.32	0.03	1.45E-23
rs147515412	T	C	0.33	0.03	1.45E-23
rs139421478	T	C	3.97	0.39	1.46E-23
rs552752221	C	A	0.31	0.03	1.46E-23
rs114725699	G	C	0.31	0.03	1.47E-23
rs192074347	T	C	0.12	0.01	1.47E-23

rs551559089	G	C	0.3	0.03	1.48E-23
rs528997232	T	C	0.31	0.03	1.48E-23
rs185441024	A	G	0.32	0.03	1.49E-23
rs116540577	G	A	0.31	0.03	1.49E-23
rs138438401	T	C	0.37	0.03	1.49E-23
rs192859474	G	A	0.33	0.03	1.50E-23
rs183161744	G	A	0.33	0.03	1.51E-23
rs543151090	C	T	0.31	0.03	1.52E-23
rs76512188	A	G	0.32	0.03	1.52E-23
rs114595584	A	T	0.32	0.03	1.55E-23
rs147496683	C	T	0.32	0.03	1.58E-23
rs149857357	A	C	0.31	0.03	1.61E-23
rs144461716	C	T	0.32	0.03	1.61E-23
rs375555500	G	T	0.32	0.03	1.63E-23
rs192130212	A	C	0.32	0.03	1.63E-23
rs73096870	C	T	0.31	0.03	1.64E-23
rs559720495	A	G	0.32	0.03	1.66E-23
rs115423657	G	A	0.31	0.03	1.67E-23
rs77663998	G	C	0.32	0.03	1.68E-23
rs146964612	A	T	0.32	0.03	1.69E-23
rs111356388	G	C	0.32	0.03	1.69E-23
rs139514611	C	T	0.64	0.06	1.71E-23
rs73570433	T	C	0.31	0.03	1.71E-23
rs184440204	T	C	0.31	0.03	1.71E-23
rs185811467	C	T	0.31	0.03	1.71E-23
rs370669168	A	C	0.32	0.03	1.72E-23
rs115499371	C	T	0.31	0.03	1.73E-23
rs142761533	C	T	0.32	0.03	1.73E-23
rs73570440	C	T	0.31	0.03	1.73E-23
rs148466491	A	G	0.32	0.03	1.74E-23
rs139783976	T	C	0.31	0.03	1.75E-23
rs373653238	G	A	0.21	0.02	1.76E-23
rs76297196	C	G	0.31	0.03	1.77E-23
rs140401138	T	C	0.31	0.03	1.78E-23
rs532705149	G	C	0.32	0.03	1.78E-23
rs139515133	G	T	0.3	0.03	1.78E-23
rs561359925	C	T	0.31	0.03	1.79E-23
rs140718475	T	C	0.28	0.02	1.80E-23
rs146081377	C	T	0.31	0.03	1.80E-23
rs576601673	G	A	0.32	0.03	1.80E-23
rs564753899	C	A	0.68	0.06	1.80E-23
rs139085555	A	C	0.32	0.03	1.80E-23
rs193066609	G	A	0.31	0.03	1.82E-23
rs547086857	G	A	0.32	0.03	1.82E-23
rs76645339	T	A	0.32	0.03	1.83E-23
rs545132987	G	T	0.31	0.03	1.83E-23
rs567179497	C	T	2.01	0.2	1.83E-23
rs150416216	A	G	0.32	0.03	1.84E-23
rs140846914	T	C	1.07	0.1	1.86E-23
rs555113942	C	G	0.31	0.03	1.87E-23
rs142496573	G	A	0.47	0.04	1.87E-23
rs149318205	G	A	0.31	0.03	1.87E-23
rs73096860	G	A	0.31	0.03	1.88E-23
rs546902803	T	C	0.31	0.03	1.88E-23
rs115522358	A	G	0.31	0.03	1.89E-23
rs144664841	G	A	0.31	0.03	1.90E-23
rs115280651	C	G	0.31	0.03	1.92E-23
rs553713861	T	C	0.31	0.03	1.92E-23
rs139128815	A	C	0.32	0.03	1.96E-23
rs188320402	G	C	0.42	0.04	1.96E-23
rs78003210	A	G	0.31	0.03	1.97E-23



rs188052274	G	A	0.4	0.04	1.99E-23
rs74494264	A	G	0.31	0.03	1.99E-23
rs115592863	A	G	0.31	0.03	2.00E-23
rs147591446	T	G	0.32	0.03	2.03E-23
rs187284869	G	A	1.05	0.1	2.04E-23
rs189204093	C	T	0.28	0.02	2.07E-23
rs16936770	T	G	0.32	0.03	2.08E-23
rs16936771	T	C	0.32	0.03	2.08E-23
rs141737105	T	C	0.32	0.03	2.09E-23
rs181448413	T	C	0.39	0.03	2.10E-23
rs534870836	T	C	0.32	0.03	2.12E-23
rs76540833	C	A	0.31	0.03	2.12E-23
rs113696463	C	T	0.42	0.04	2.15E-23
rs148698646	C	T	0.32	0.03	2.15E-23
rs148715199	T	C	0.31	0.03	2.15E-23
rs190918501	G	A	0.32	0.03	2.15E-23
rs148744469	T	C	0.31	0.03	2.16E-23
rs559067421	G	T	0.3	0.03	2.18E-23
rs6977937	G	C	0.31	0.03	2.19E-23
rs149706832	T	C	0.32	0.03	2.22E-23
rs560172490	A	C	0.3	0.03	2.22E-23
rs78891245	C	T	0.31	0.03	2.24E-23
rs113465703	T	C	0.31	0.03	2.24E-23
rs116028916	T	C	0.4	0.04	2.26E-23
rs10234608	A	G	0.34	0.03	2.27E-23
rs116718366	A	G	0.32	0.03	2.28E-23
rs139864783	A	G	0.31	0.03	2.29E-23
rs183760625	A	G	0.32	0.03	2.32E-23
rs191793900	G	A	0.31	0.03	2.34E-23
rs10224831	C	T	0.31	0.03	2.35E-23
rs28393392	A	G	0.31	0.03	2.37E-23
rs540104503	G	A	0.31	0.03	2.38E-23
rs543771979	C	A	0.31	0.03	2.40E-23
rs575072034	C	G	0.31	0.03	2.40E-23
rs183764329	G	A	0.31	0.03	2.40E-23
rs184931595	T	A	0.31	0.03	2.41E-23
rs192358932	C	G	0.31	0.03	2.41E-23
rs552382481	A	G	0.31	0.03	2.41E-23
rs184658795	A	G	1.03	0.1	2.42E-23
rs115650021	G	A	0.31	0.03	2.42E-23
rs16936797	T	C	0.31	0.03	2.42E-23
rs543811331	A	C	0.35	0.03	2.43E-23
rs537311617	T	C	0.31	0.03	2.44E-23
rs78760066	C	T	0.29	0.02	2.46E-23
rs143981685	A	T	0.21	0.02	2.47E-23
rs73066908	A	G	0.32	0.03	2.49E-23
rs190307019	G	A	0.31	0.03	2.50E-23
rs141377250	A	G	0.31	0.03	2.50E-23
rs573573877	G	A	0.31	0.03	2.50E-23
rs111450096	A	T	0.31	0.03	2.51E-23
rs372586024	G	A	0.22	0.02	2.51E-23
rs187675907	G	T	0.27	0.02	2.51E-23
rs547138860	T	C	0.3	0.03	2.52E-23
rs558085363	G	T	0.32	0.03	2.53E-23
rs546187660	T	G	0.31	0.03	2.53E-23
rs77512048	A	G	0.31	0.03	2.54E-23
rs189354290	C	T	0.31	0.03	2.58E-23
rs544393188	G	A	0.31	0.03	2.59E-23
rs80157992	C	T	0.46	0.04	2.62E-23
rs181446285	C	T	0.31	0.03	2.63E-23
rs188858644	T	C	0.31	0.03	2.64E-23

rs187447262	A	G	0.16	0.01	2.66E-23
rs116694382	C	T	0.32	0.03	2.72E-23
rs141202620	A	G	1.07	0.1	2.75E-23
rs554212547	G	A	0.31	0.03	2.76E-23
rs139772823	T	G	0.32	0.03	2.77E-23
rs148960934	A	G	1.3	0.13	2.80E-23
rs148778213	G	C	0.31	0.03	2.80E-23
rs73372611	T	A	0.31	0.03	2.80E-23
rs76946843	T	C	0.34	0.03	2.83E-23
rs140224125	A	G	0.31	0.03	2.86E-23
rs146366353	C	T	0.31	0.03	2.87E-23
rs559850929	C	T	0.31	0.03	2.89E-23
rs115254814	A	G	0.31	0.03	2.92E-23
rs140045944	C	G	0.31	0.03	2.92E-23
rs114021628	T	A	0.4	0.04	2.93E-23
rs73096843	T	G	0.31	0.03	2.96E-23
rs555890006	C	T	0.37	0.03	2.96E-23
rs114566575	T	C	0.41	0.04	2.97E-23
rs78427318	A	G	0.32	0.03	2.97E-23
rs113884425	A	G	0.31	0.03	2.98E-23
rs6908687	C	T	0.13	0.01	3.03E-23
rs191577381	C	T	0.31	0.03	3.04E-23
rs569758231	A	T	0.31	0.03	3.06E-23
rs138152073	G	A	0.31	0.03	3.11E-23
rs55857799	C	T	0.31	0.03	3.11E-23
rs191498113	T	C	0.4	0.04	3.11E-23
rs28669985	A	T	0.27	0.02	3.12E-23
rs61079181	C	G	1.54	0.15	3.13E-23
rs144500719	T	C	0.31	0.03	3.14E-23
rs138037942	G	T	0.33	0.03	3.14E-23
rs142637676	G	A	0.3	0.03	3.16E-23
rs143407063	G	T	0.15	0.01	3.18E-23
rs189740871	T	C	1.21	0.12	3.21E-23
rs79079075	C	T	0.54	0.05	3.21E-23
rs73854352	C	T	0.31	0.03	3.22E-23
rs186529709	A	G	0.31	0.03	3.26E-23
rs548894904	C	T	0.39	0.03	3.32E-23
rs114340435	C	G	0.31	0.03	3.32E-23
rs147960321	C	T	0.34	0.03	3.35E-23
rs532462554	C	T	0.41	0.04	3.36E-23
rs150407952	A	G	0.34	0.03	3.37E-23
rs79520039	T	C	0.32	0.03	3.39E-23
rs574406111	C	T	0.23	0.02	3.43E-23
rs115500997	G	T	0.31	0.03	3.43E-23
rs114009174	A	G	0.31	0.03	3.43E-23
rs115206666	T	C	0.31	0.03	3.44E-23
rs533230483	G	T	0.31	0.03	3.46E-23
rs80027190	T	A	0.1	0.01	3.49E-23
rs562756406	G	C	0.31	0.03	3.50E-23
rs569044870	G	A	0.31	0.03	3.58E-23
rs113078850	G	A	0.31	0.03	3.59E-23
rs116267739	A	G	0.31	0.03	3.59E-23
rs558683317	T	C	0.32	0.03	3.60E-23
rs184700945	C	T	0.17	0.01	3.63E-23
rs554887217	C	T	0.3	0.03	3.63E-23
rs76934381	G	C	0.3	0.03	3.65E-23
rs372248611	A	C	0.35	0.03	3.69E-23
rs141517197	A	G	0.32	0.03	3.70E-23
rs542013863	G	A	0.31	0.03	3.74E-23
rs558026314	T	C	0.31	0.03	3.80E-23
rs139102248	A	G	0.31	0.03	3.84E-23

rs528973415	T	C	0.32	0.03	3.85E-23
rs79704495	G	A	0.31	0.03	3.94E-23
rs548640825	A	G	0.29	0.03	3.95E-23
rs77706038	C	G	0.31	0.03	3.96E-23
rs142520619	C	A	0.31	0.03	4.00E-23
rs73854359	G	A	0.31	0.03	4.02E-23
rs531607167	C	A	0.33	0.03	4.02E-23
rs183527804	G	A	0.9	0.09	4.04E-23
rs182615777	A	G	0.31	0.03	4.06E-23
rs116300849	C	T	0.4	0.04	4.07E-23
rs187430959	T	C	0.19	0.01	4.14E-23
rs149700543	A	G	0.31	0.03	4.17E-23
rs114701557	A	G	0.39	0.04	4.19E-23
rs572572801	C	T	0.31	0.03	4.26E-23
rs1528864	G	A	0.31	0.03	4.26E-23
rs78904857	G	T	0.31	0.03	4.26E-23
rs151231425	G	A	0.33	0.03	4.26E-23
rs143479545	A	C	0.38	0.03	4.29E-23
rs534799579	C	G	0.21	0.02	4.32E-23
rs73777506	G	T	0.31	0.03	4.34E-23
rs79246179	A	C	0.31	0.03	4.38E-23
rs532831320	T	G	0.31	0.03	4.42E-23
rs114354431	A	C	0.15	0.01	4.47E-23
rs73357607	G	T	0.4	0.04	4.50E-23
rs74888022	T	C	1.96	0.19	4.53E-23
rs182253771	G	A	0.31	0.03	4.55E-23
rs143109025	C	T	0.31	0.03	4.57E-23
rs544269674	A	G	0.31	0.03	4.60E-23
rs182374488	A	G	0.31	0.03	4.61E-23
rs567241374	G	T	0.31	0.03	4.66E-23
rs141728100	A	G	0.31	0.03	4.68E-23
rs114904225	G	A	0.31	0.03	4.72E-23
rs138879566	C	T	0.31	0.03	4.76E-23
rs140773284	C	G	0.31	0.03	4.77E-23
rs531421990	C	T	0.31	0.03	4.78E-23
rs146020499	T	C	0.31	0.03	4.81E-23
rs78333651	G	A	0.24	0.02	4.82E-23
rs192256630	C	T	0.31	0.03	4.85E-23
rs533073956	G	C	0.31	0.03	4.88E-23
rs188558751	G	C	0.31	0.03	4.90E-23
rs529367878	C	T	0.33	0.03	4.91E-23
rs376128978	A	G	0.23	0.02	4.93E-23
rs115731731	G	C	0.3	0.03	4.93E-23
rs183617418	T	C	0.32	0.03	4.98E-23
rs558781186	G	A	0.32	0.03	5.01E-23
rs28642141	T	C	0.28	0.02	5.06E-23
rs151051524	A	G	0.27	0.02	5.07E-23
rs116336659	A	T	0.31	0.03	5.11E-23
rs577070119	A	T	0.31	0.03	5.12E-23
rs181795284	T	C	0.15	0.01	5.13E-23
rs114108718	A	G	0.31	0.03	5.16E-23
rs535026340	A	G	0.16	0.01	5.17E-23
rs115387640	C	T	0.28	0.02	5.19E-23
rs541499208	A	C	0.31	0.03	5.22E-23
rs191762981	C	G	0.31	0.03	5.23E-23
rs149445016	C	T	0.31	0.03	5.30E-23
rs114451750	T	C	0.31	0.03	5.30E-23
rs144851496	C	T	0.31	0.03	5.34E-23
rs191303385	A	G	0.31	0.03	5.35E-23
rs180763695	T	G	0.31	0.03	5.36E-23
rs183469129	T	C	0.31	0.03	5.36E-23

rs188450819	C	T	0.31	0.03	5.36E-23
rs112749714	C	A	0.4	0.04	5.36E-23
rs183451454	G	A	0.31	0.03	5.37E-23
rs180942002	T	C	0.31	0.03	5.39E-23
rs79403230	G	A	0.31	0.03	5.43E-23
rs147378274	T	G	0.37	0.03	5.43E-23
rs138231907	C	T	0.16	0.01	5.47E-23
rs112777077	G	A	0.31	0.03	5.51E-23
rs138464393	C	T	0.39	0.03	5.54E-23
rs182758344	T	C	2.44	0.24	5.57E-23
rs539059582	C	A	0.31	0.03	5.63E-23
rs141067578	T	C	0.3	0.03	5.72E-23
rs149246791	C	G	0.31	0.03	5.73E-23
rs189536973	G	T	0.63	0.06	5.76E-23
rs28569881	A	G	0.28	0.02	5.78E-23
rs73371411	A	G	0.34	0.03	5.79E-23
rs539268070	A	G	11.54	1.17	5.91E-23
rs145297964	A	G	0.31	0.03	5.92E-23
rs115976999	T	G	0.31	0.03	5.99E-23
rs534469252	G	C	0.32	0.03	6.02E-23
rs563760555	C	T	0.32	0.03	6.04E-23
rs369341534	C	T	2.58	0.26	6.14E-23
rs12347254	G	A	0.3	0.03	6.17E-23
rs144990410	A	G	0.27	0.02	6.28E-23
rs150411413	T	C	0.31	0.03	6.29E-23
rs114173770	G	T	0.31	0.03	6.31E-23
rs139906559	C	A	0.15	0.01	6.31E-23
rs75485513	G	T	0.15	0.01	6.33E-23
rs55813411	C	T	0.31	0.03	6.36E-23
rs187983149	T	C	0.3	0.03	6.37E-23
rs150480398	A	G	0.23	0.02	6.38E-23
rs139269924	T	G	0.15	0.01	6.41E-23
rs28502510	T	C	0.27	0.02	6.46E-23
rs143164667	G	A	0.31	0.03	6.50E-23
rs147203805	G	A	0.31	0.03	6.57E-23
rs186012017	C	T	0.31	0.03	6.58E-23
rs530548450	T	C	0.3	0.03	6.59E-23
rs550548414	C	T	0.3	0.03	6.59E-23
rs112795797	T	G	0.38	0.03	6.59E-23
rs61576601	C	T	0.07	0.0080128	6.73E-23
rs532853651	A	C	0.3	0.03	6.77E-23
rs56696279	C	T	0.3	0.03	6.77E-23
rs137857364	A	C	0.3	0.03	6.86E-23
rs115086842	T	C	0.22	0.02	6.90E-23
rs140664830	T	G	0.15	0.01	6.90E-23
rs190720643	G	A	0.31	0.03	6.91E-23
rs140069434	T	C	0.25	0.02	6.94E-23
rs185155131	A	G	0.31	0.03	6.96E-23
rs143042892	C	T	0.3	0.03	7.28E-23
rs183211411	C	T	0.3	0.03	7.29E-23
rs28403945	A	G	0.58	0.05	7.35E-23
rs76605353	T	C	0.15	0.01	7.42E-23
rs79329009	T	C	0.31	0.03	7.45E-23
rs73854354	C	G	0.3	0.03	7.51E-23
rs115861106	A	T	0.31	0.03	7.52E-23
rs183554009	A	G	0.3	0.03	7.52E-23
rs114977264	T	C	0.66	0.06	7.53E-23
rs73854356	C	T	0.3	0.03	7.54E-23
rs144928046	A	G	0.3	0.03	7.56E-23
rs151215372	A	C	0.3	0.03	7.70E-23
rs542159057	C	T	0.3	0.03	7.72E-23

rs555501890	A	T	0.3	0.03	7.72E-23
rs112888349	T	C	0.35	0.03	7.77E-23
rs115477471	G	C	0.3	0.03	7.81E-23
rs114043399	A	G	0.27	0.02	7.84E-23
rs147016521	A	T	0.15	0.01	7.91E-23
rs28562314	G	A	0.27	0.02	7.92E-23
rs139584691	T	C	0.2	0.02	7.92E-23
rs73944978	G	A	0.31	0.03	7.95E-23
rs148373155	T	A	0.3	0.03	7.96E-23
rs548386541	G	T	0.3	0.03	7.96E-23
rs28606000	T	A	0.31	0.03	7.96E-23
rs111667150	T	G	0.41	0.04	7.96E-23
rs114384787	G	A	0.32	0.03	7.99E-23
rs73096855	T	C	0.28	0.02	8.03E-23
rs79176859	G	A	0.31	0.03	8.09E-23
rs138717490	T	C	0.3	0.03	8.15E-23
rs115835879	A	C	0.24	0.02	8.18E-23
rs73096838	G	C	0.3	0.03	8.25E-23
rs73096840	C	T	0.3	0.03	8.25E-23
rs75370076	C	T	0.3	0.03	8.25E-23
rs574981362	C	T	0.3	0.03	8.33E-23
rs140802054	G	T	0.3	0.03	8.35E-23
rs190168900	C	T	0.32	0.03	8.40E-23
rs183489556	A	G	0.3	0.03	8.43E-23
rs114175543	T	C	0.32	0.03	8.50E-23
rs186151618	G	A	0.3	0.03	8.52E-23
rs73854350	A	G	0.3	0.03	8.52E-23
rs537784626	A	G	0.31	0.03	8.55E-23
rs559057998	C	G	0.4	0.04	8.55E-23
rs149374057	G	A	0.31	0.03	8.61E-23
rs138189910	C	T	0.28	0.02	8.63E-23
rs577650158	T	G	0.31	0.03	8.72E-23
rs73096836	C	G	0.3	0.03	8.74E-23
rs185098754	T	C	0.3	0.03	8.84E-23
rs142721290	A	C	0.16	0.01	8.96E-23
rs144221178	T	C	0.43	0.04	8.97E-23
rs114174615	G	T	0.31	0.03	9.00E-23
rs78263008	T	C	0.41	0.04	9.17E-23
rs190761616	A	G	0.3	0.03	9.18E-23
rs147000430	A	G	0.3	0.03	9.23E-23
rs76822485	G	A	0.3	0.03	9.25E-23
rs150497970	G	A	0.61	0.06	9.28E-23
rs139187730	C	G	0.3	0.03	9.34E-23
rs115191560	T	C	0.31	0.03	9.40E-23
rs114632457	T	C	0.31	0.03	9.45E-23
rs558533937	C	T	0.3	0.03	9.46E-23
rs140407352	A	G	0.49	0.05	9.59E-23
rs550108994	T	C	0.3	0.03	9.60E-23
rs76185202	A	G	0.31	0.03	9.83E-23
rs139898429	A	G	0.3	0.03	9.90E-23
rs146107488	A	T	0.31	0.03	9.93E-23
rs185632282	T	C	0.3	0.03	1.00E-22
rs144301714	G	A	0.3	0.03	1.00E-22
rs546736796	C	T	0.32	0.03	1.01E-22
rs368139467	T	A	0.21	0.02	1.02E-22
rs116095750	A	T	0.3	0.03	1.02E-22
rs139786813	C	T	0.3	0.03	1.02E-22
rs191490959	C	T	0.3	0.03	1.03E-22
rs143919577	A	T	0.3	0.03	1.03E-22
rs115807488	T	G	0.45	0.04	1.03E-22
rs148425517	G	A	0.3	0.03	1.03E-22

rs138298503	C	T	0.3	0.03	1.03E-22
rs558355521	A	C	0.63	0.06	1.04E-22
rs148991410	T	C	0.29	0.02	1.04E-22
rs140833163	G	A	0.3	0.03	1.04E-22
rs192371833	A	G	0.31	0.03	1.04E-22
rs537664594	G	C	0.31	0.03	1.04E-22
rs186274353	T	C	0.3	0.03	1.05E-22
rs149844114	C	T	0.3	0.03	1.05E-22
rs187871915	A	G	0.3	0.03	1.05E-22
rs562859824	A	G	0.29	0.02	1.06E-22
rs186930658	A	G	0.3	0.03	1.06E-22
rs568048539	T	C	0.37	0.03	1.07E-22
rs144421429	T	G	0.3	0.03	1.08E-22
rs76178484	G	A	0.3	0.03	1.09E-22
rs79922413	G	A	0.07	0.0079722	1.09E-22
rs59924993	C	G	0.3	0.03	1.10E-22
rs149546581	A	G	0.3	0.03	1.10E-22
rs147107405	A	G	0.3	0.03	1.11E-22
rs141114068	T	G	0.15	0.01	1.12E-22
rs184043181	T	C	0.31	0.03	1.13E-22
rs534949647	G	A	0.65	0.06	1.14E-22
rs188640990	G	A	0.27	0.02	1.14E-22
rs142130277	G	A	0.3	0.03	1.15E-22
rs190768590	T	G	0.39	0.04	1.17E-22
rs140288989	C	T	0.15	0.01	1.17E-22
rs375306852	T	A	1.37	0.14	1.17E-22
rs79329616	C	T	0.07	0.0079715	1.18E-22
rs147478280	T	C	0.29	0.03	1.19E-22
rs115398362	T	C	0.3	0.03	1.20E-22
rs189913968	C	T	0.3	0.03	1.20E-22
rs58846261	G	C	0.3	0.03	1.21E-22
rs141778470	T	C	0.3	0.03	1.22E-22
rs146898839	G	C	0.97	0.1	1.23E-22
rs141612076	G	A	0.15	0.01	1.24E-22
rs114192706	G	A	0.15	0.01	1.24E-22
rs111496776	A	G	0.07	0.0079723	1.24E-22
rs575823664	T	C	0.31	0.03	1.25E-22
rs76608567	T	C	0.07	0.007969	1.25E-22
rs79056243	A	G	0.31	0.03	1.25E-22
rs150513257	G	T	0.3	0.03	1.26E-22
rs113540087	A	G	0.3	0.03	1.26E-22
rs73701417	G	A	0.3	0.03	1.26E-22
rs114684247	C	T	0.3	0.03	1.27E-22
rs141812095	C	G	0.3	0.03	1.29E-22
rs114730792	A	G	0.3	0.03	1.30E-22
rs141689106	G	A	0.32	0.03	1.30E-22
rs115386289	C	T	0.15	0.01	1.30E-22
rs111472155	T	C	0.16	0.01	1.30E-22
rs113612071	G	C	0.16	0.01	1.30E-22
rs116583688	G	A	0.16	0.01	1.31E-22
rs75764627	C	T	0.3	0.03	1.33E-22
rs142041330	G	A	0.3	0.03	1.34E-22
rs180837706	A	G	0.31	0.03	1.35E-22
rs113058509	A	T	0.31	0.03	1.37E-22
rs149840511	A	G	0.3	0.03	1.40E-22
rs574037203	A	G	0.41	0.04	1.41E-22
rs114112037	T	C	0.29	0.03	1.42E-22
rs111677757	C	T	0.3	0.03	1.42E-22
rs116476546	C	G	0.3	0.03	1.43E-22
rs540040020	C	T	0.31	0.03	1.46E-22
rs115076979	G	A	0.26	0.02	1.46E-22

rs114696095	G	A	0.3	0.03	1.46E-22
rs142697251	T	C	0.41	0.04	1.46E-22
rs528807779	A	T	0.3	0.03	1.47E-22
rs542453174	T	C	0.29	0.02	1.49E-22
rs575104957	A	T	0.29	0.02	1.49E-22
rs531077453	T	G	0.3	0.03	1.50E-22
rs534865166	G	C	0.3	0.03	1.50E-22
rs144645549	T	C	0.3	0.03	1.50E-22
rs188115830	G	A	0.3	0.03	1.50E-22
rs115645452	A	T	0.15	0.01	1.51E-22
rs576432236	A	G	0.3	0.03	1.52E-22
rs146252240	A	G	0.1	0.01	1.52E-22
rs187486008	G	C	0.3	0.03	1.54E-22
rs150660452	C	T	0.31	0.03	1.55E-22
rs78794340	A	G	0.15	0.01	1.55E-22
rs28362990	G	A	0.3	0.03	1.57E-22
rs139729252	A	T	0.31	0.03	1.58E-22
rs186420567	G	T	1.19	0.12	1.58E-22
rs149972233	A	G	0.23	0.02	1.59E-22
rs191105105	G	A	0.3	0.03	1.59E-22
rs572804618	C	T	0.27	0.02	1.60E-22
rs183738149	C	A	0.3	0.03	1.60E-22
rs73709504	G	A	0.48	0.04	1.61E-22
rs149657781	G	A	0.3	0.03	1.62E-22
rs115650748	C	T	0.1	0.01	1.62E-22
rs558495755	G	T	0.3	0.03	1.62E-22
rs78519553	C	T	0.31	0.03	1.63E-22
rs538877353	A	G	0.32	0.03	1.64E-22
rs151001121	A	T	0.3	0.03	1.64E-22
rs149836565	C	T	0.3	0.03	1.67E-22
rs141269830	G	A	0.2	0.02	1.69E-22
rs151157527	G	C	0.2	0.02	1.69E-22
rs114644528	G	A	0.3	0.03	1.69E-22
rs112124420	T	C	0.39	0.04	1.70E-22
rs73854378	G	A	0.3	0.03	1.70E-22
rs115862782	T	C	0.11	0.01	1.71E-22
rs185962060	A	G	0.3	0.03	1.71E-22
rs79542106	T	C	0.33	0.03	1.72E-22
rs116172058	T	C	0.48	0.04	1.72E-22
rs143269015	A	G	0.3	0.03	1.73E-22
rs187359113	A	G	0.15	0.01	1.75E-22
rs79580791	T	C	0.07	0.0079448	1.76E-22
rs76681135	T	C	0.15	0.01	1.76E-22
rs75698824	C	G	0.15	0.01	1.76E-22
rs147279486	G	A	0.15	0.01	1.78E-22
rs115178117	G	A	0.3	0.03	1.79E-22
rs115519992	T	C	0.3	0.03	1.79E-22
rs77793800	A	G	0.3	0.03	1.79E-22
rs6875878	A	G	0.3	0.03	1.80E-22
rs148893470	G	A	0.31	0.03	1.81E-22
rs187914487	A	G	0.38	0.03	1.81E-22
rs145349173	T	C	0.43	0.04	1.81E-22
rs7854923	A	G	0.3	0.03	1.82E-22
rs530166002	A	G	0.37	0.03	1.82E-22
rs115368157	G	A	0.3	0.03	1.82E-22
rs79088075	C	G	0.15	0.01	1.82E-22
rs115166923	A	G	0.3	0.03	1.83E-22
rs73105576	T	C	0.32	0.03	1.83E-22
rs116460713	C	T	1.62	0.16	1.84E-22
rs114662783	A	C	0.15	0.01	1.84E-22
rs546607687	A	G	0.3	0.03	1.85E-22

rs191545600	G	A	0.3	0.03	1.85E-22
rs148772482	C	T	0.3	0.03	1.88E-22
rs140679650	C	G	0.3	0.03	1.89E-22
rs73007748	T	C	0.3	0.03	1.89E-22
rs140542443	C	G	0.3	0.03	1.90E-22
rs149767328	C	T	0.31	0.03	1.90E-22
rs138431721	G	A	0.31	0.03	1.90E-22
rs111616455	G	T	0.3	0.03	1.91E-22
rs74630920	T	C	0.3	0.03	1.91E-22
rs140819888	C	T	0.5	0.05	1.91E-22
rs570627927	G	A	0.3	0.03	1.95E-22
rs186166429	A	G	0.28	0.02	1.95E-22
rs149411042	A	G	0.3	0.03	1.97E-22
rs535726874	G	T	0.3	0.03	2.03E-22
rs149398180	T	G	0.3	0.03	2.05E-22
rs192881694	G	A	0.3	0.03	2.06E-22
rs117852936	G	C	0.38	0.04	2.11E-22
rs116013648	T	C	0.3	0.03	2.11E-22
rs114424676	A	G	0.3	0.03	2.12E-22
rs185366178	G	A	0.3	0.03	2.13E-22
rs150483624	A	G	0.3	0.03	2.14E-22
rs77090652	T	C	0.15	0.01	2.14E-22
rs149962458	T	C	0.3	0.03	2.15E-22
rs369758285	G	A	0.3	0.03	2.17E-22
rs111948033	G	A	0.07	0.0079316	2.18E-22
rs115826466	T	C	0.31	0.03	2.18E-22
rs73094852	C	T	0.3	0.03	2.18E-22
rs73671982	T	G	0.34	0.03	2.19E-22
rs115769789	A	G	0.3	0.03	2.21E-22
rs147345170	G	A	0.15	0.01	2.21E-22
rs76537210	C	G	0.3	0.03	2.27E-22
rs138727152	G	A	0.07	0.0079458	2.28E-22
rs143425836	T	C	0.62	0.06	2.29E-22
rs150136700	T	C	0.3	0.03	2.29E-22
rs147920206	T	C	0.3	0.03	2.29E-22
rs572000803	G	A	0.3	0.03	2.30E-22
rs187856530	A	G	1.19	0.12	2.30E-22
rs188659479	C	A	0.48	0.04	2.30E-22
rs186693458	G	T	0.21	0.02	2.32E-22
rs146493256	T	C	0.28	0.02	2.33E-22
rs77621323	C	A	0.3	0.03	2.34E-22
rs76802989	C	T	0.3	0.03	2.36E-22
rs536103665	T	C	0.31	0.03	2.36E-22
rs189362458	T	C	0.29	0.03	2.38E-22
rs141560909	T	A	0.3	0.03	2.38E-22
rs114280398	C	T	0.15	0.01	2.39E-22
rs564975743	G	A	0.58	0.06	2.41E-22
rs546876144	T	C	0.31	0.03	2.43E-22
rs188681424	C	A	0.15	0.01	2.44E-22
rs113978242	C	A	0.31	0.03	2.46E-22
rs146727442	A	G	0.15	0.01	2.46E-22
rs189038023	G	A	0.3	0.03	2.47E-22
rs149182649	A	G	0.44	0.04	2.48E-22
rs141893581	A	G	0.3	0.03	2.48E-22
rs150214645	T	C	0.3	0.03	2.48E-22
rs2074601	C	G	0.29	0.03	2.50E-22
rs547118713	A	C	0.29	0.03	2.51E-22
rs114572884	A	G	0.29	0.03	2.56E-22
rs191371594	G	A	0.31	0.03	2.57E-22
rs116050296	C	T	0.15	0.01	2.60E-22
rs58053836	C	T	0.3	0.03	2.63E-22



rs150137470	G	C	0.3	0.03	2.65E-22
rs112362324	C	T	0.31	0.03	2.65E-22
rs535013386	C	G	0.3	0.03	2.70E-22
rs112543534	A	G	0.3	0.03	2.71E-22
rs79564089	G	A	0.31	0.03	2.71E-22
rs115387346	A	G	0.26	0.02	2.71E-22
rs114500178	G	A	0.3	0.03	2.73E-22
rs187216253	G	C	0.32	0.03	2.73E-22
rs111945532	A	G	0.39	0.04	2.76E-22
rs148853576	C	T	0.31	0.03	2.78E-22
rs74491909	G	A	0.29	0.03	2.79E-22
rs74867765	T	C	0.26	0.02	2.84E-22
rs113485193	C	G	0.3	0.03	2.85E-22
rs745839948	T	C	0.07	0.0075812	2.88E-22
rs185347655	C	T	0.3	0.03	2.88E-22
rs541444999	T	G	0.29	0.03	2.90E-22
rs551950269	C	T	0.3	0.03	2.91E-22
rs191294161	G	C	0.35	0.03	2.93E-22
rs112542270	T	G	0.38	0.04	2.97E-22
rs113681039	A	G	0.3	0.03	3.00E-22
rs535378121	A	T	0.3	0.03	3.01E-22
rs539974545	A	T	0.29	0.03	3.02E-22
rs113708358	A	G	0.38	0.04	3.03E-22
rs142578962	C	T	0.15	0.01	3.03E-22
rs184247013	C	T	0.24	0.02	3.05E-22
rs140240801	A	G	0.52	0.05	3.08E-22
rs549802778	G	A	0.29	0.03	3.08E-22
rs146054230	T	A	0.3	0.03	3.13E-22
rs188097758	A	G	0.3	0.03	3.17E-22
rs114234165	T	G	0.15	0.01	3.18E-22
rs116034346	G	A	0.15	0.01	3.18E-22
rs533781159	C	G	0.36	0.03	3.25E-22
rs187723954	A	G	0.3	0.03	3.27E-22
rs76394733	T	C	0.15	0.01	3.31E-22
rs75791949	T	G	0.3	0.03	3.31E-22
rs141153574	T	G	0.36	0.03	3.34E-22
rs80209118	T	A	0.31	0.03	3.37E-22
rs148348093	G	A	0.29	0.03	3.37E-22
rs78092582	A	G	0.62	0.06	3.39E-22
rs115615966	T	C	0.3	0.03	3.42E-22
rs183181670	C	T	0.3	0.03	3.46E-22
rs115057697	C	A	0.3	0.03	3.46E-22
rs79132809	C	A	0.3	0.03	3.48E-22
rs7832788	G	A	0.3	0.03	3.51E-22
rs73808964	G	A	0.19	0.01	3.57E-22
rs558157862	T	C	0.15	0.01	3.63E-22
rs139904094	T	C	0.3	0.03	3.66E-22
rs531098506	A	C	0.3	0.03	3.66E-22
rs144428041	A	T	0.31	0.03	3.68E-22
rs138415946	A	G	0.28	0.02	3.68E-22
rs530697060	A	G	0.31	0.03	3.68E-22
rs569442279	T	C	0.31	0.03	3.69E-22
rs116302687	G	A	0.31	0.03	3.71E-22
rs190842978	T	G	0.07	0.007366	3.73E-22
rs544784454	T	G	0.3	0.03	3.76E-22
rs141029790	T	C	0.21	0.02	3.76E-22
rs141830206	T	C	0.3	0.03	3.77E-22
rs145090245	A	G	0.35	0.03	3.82E-22
rs571570166	G	A	0.32	0.03	3.87E-22
rs58263215	A	G	0.3	0.03	3.88E-22
rs148099365	A	G	0.29	0.03	3.89E-22

rs543974061	C	T	0.32	0.03	3.89E-22
rs79554195	C	T	0.45	0.04	3.90E-22
rs146211316	T	A	0.29	0.03	3.91E-22
rs143702830	C	T	0.2	0.02	3.95E-22
rs549985357	G	C	0.3	0.03	3.96E-22
rs185431312	T	C	0.7	0.07	3.97E-22
rs141862199	T	G	0.3	0.03	4.07E-22
rs575606201	A	T	0.3	0.03	4.10E-22
rs140178536	C	T	0.3	0.03	4.13E-22
rs536841858	T	C	1.73	0.17	4.13E-22
rs116679470	A	C	0.29	0.03	4.14E-22
rs115760114	A	G	0.29	0.03	4.18E-22
rs139791633	C	G	0.3	0.03	4.18E-22
rs541429992	T	C	0.29	0.03	4.18E-22
rs140816255	T	C	0.31	0.03	4.18E-22
rs111395690	G	A	0.31	0.03	4.20E-22
rs554491613	A	C	0.38	0.03	4.21E-22
rs372121270	A	G	0.2	0.02	4.28E-22
rs377590385	G	A	0.29	0.03	4.31E-22
rs569113302	T	C	0.3	0.03	4.31E-22
rs150382475	T	A	0.29	0.03	4.32E-22
rs182353667	T	C	0.28	0.02	4.34E-22
rs115590104	C	T	0.3	0.03	4.36E-22
rs111510607	G	A	0.3	0.03	4.38E-22
rs182134408	C	T	0.3	0.03	4.39E-22
rs113505993	T	C	0.3	0.03	4.41E-22
rs142102722	C	G	0.3	0.03	4.42E-22
rs114838690	T	A	0.3	0.03	4.45E-22
rs114303036	T	A	0.3	0.03	4.45E-22
rs142206204	A	T	0.2	0.02	4.48E-22
rs142743174	G	A	0.35	0.03	4.48E-22
rs140999528	T	C	0.3	0.03	4.50E-22
rs142699245	C	A	0.3	0.03	4.51E-22
rs188509376	A	G	0.38	0.03	4.53E-22
rs181796504	C	A	0.29	0.03	4.59E-22
rs531906772	G	A	0.29	0.03	4.59E-22
rs150030083	T	C	0.37	0.03	4.61E-22
rs144534480	G	A	0.3	0.03	4.62E-22
rs143290644	A	T	0.3	0.03	4.63E-22
rs112900781	C	T	0.31	0.03	4.65E-22
rs114926757	T	G	0.29	0.03	4.74E-22
rs548221202	G	C	0.41	0.04	4.76E-22
rs137937848	A	G	0.47	0.04	4.84E-22
rs181719710	T	C	0.29	0.03	4.87E-22
rs561825391	C	T	0.29	0.03	4.89E-22
rs376311252	A	T	0.29	0.03	4.89E-22
rs116307908	A	G	0.35	0.03	4.91E-22
rs368017384	T	C	0.63	0.06	4.95E-22
rs562260343	A	G	0.3	0.03	4.97E-22
rs75397832	C	A	0.29	0.03	4.97E-22
rs150550548	T	C	0.58	0.06	4.98E-22
rs185932486	C	T	0.29	0.03	5.01E-22
rs28588128	T	G	0.15	0.01	5.04E-22
rs188586833	G	A	0.11	0.01	5.05E-22
rs142604208	T	G	0.3	0.03	5.08E-22
rs139547123	A	T	0.3	0.03	5.10E-22
rs150777203	T	G	0.3	0.03	5.16E-22
rs80169234	G	A	0.29	0.03	5.16E-22
rs140546236	C	T	0.39	0.04	5.19E-22
rs150064680	G	A	0.29	0.03	5.23E-22
rs77721984	G	C	0.3	0.03	5.23E-22

rs181560271	T	C	0.29	0.03	5.26E-22
rs143635735	G	T	0.29	0.03	5.34E-22
rs73105558	A	G	0.3	0.03	5.41E-22
rs180851239	A	G	0.29	0.03	5.42E-22
rs185725706	A	C	0.3	0.03	5.43E-22
rs7446260	T	G	0.3	0.03	5.43E-22
rs141332221	A	G	0.3	0.03	5.46E-22
rs139746653	A	C	0.29	0.03	5.47E-22
rs115121392	G	C	0.3	0.03	5.56E-22
rs555615900	A	G	0.29	0.03	5.58E-22
rs73105565	T	A	0.3	0.03	5.58E-22
rs73105567	T	G	0.3	0.03	5.58E-22
rs190487026	T	C	0.29	0.03	5.60E-22
rs114933358	C	G	0.29	0.03	5.62E-22
rs75213858	G	A	0.15	0.01	5.66E-22
rs113067570	C	T	0.28	0.02	5.67E-22
rs191166760	T	C	0.24	0.02	5.69E-22
rs553555033	G	A	0.3	0.03	5.69E-22
rs116395906	T	C	0.29	0.03	5.70E-22
rs552444775	A	G	0.29	0.03	5.71E-22
rs116071686	T	C	0.29	0.03	5.72E-22
rs58817083	G	A	0.29	0.03	5.85E-22
rs184314453	A	C	0.3	0.03	5.94E-22
rs564468354	G	A	0.29	0.03	5.95E-22
rs182568315	C	T	0.32	0.03	5.99E-22
rs145610145	C	A	0.3	0.03	6.01E-22
rs138450444	A	G	0.3	0.03	6.03E-22
rs114292239	A	G	0.3	0.03	6.05E-22
rs113389387	T	A	0.07	0.0078722	6.06E-22
rs192109498	T	A	0.29	0.03	6.10E-22
rs12346904	G	C	0.32	0.03	6.15E-22
rs140598414	T	G	0.19	0.02	6.24E-22
rs116406305	A	G	0.29	0.03	6.26E-22
rs74407842	A	G	1.14	0.11	6.26E-22
rs73105564	T	C	0.3	0.03	6.29E-22
rs150221475	T	G	0.29	0.03	6.31E-22
rs111973352	T	C	0.31	0.03	6.32E-22
rs185902175	G	A	0.29	0.03	6.34E-22
rs116240365	C	T	0.29	0.03	6.41E-22
rs144546379	T	C	0.43	0.04	6.46E-22
rs111940463	C	T	0.22	0.02	6.46E-22
rs145175410	T	C	0.29	0.03	6.46E-22
rs189137238	A	C	0.27	0.02	6.51E-22
rs142434382	T	C	0.31	0.03	6.55E-22
rs115966531	G	A	0.96	0.1	6.56E-22
rs375863467	T	C	0.29	0.03	6.57E-22
rs551038357	G	A	0.29	0.03	6.58E-22
rs145065645	C	T	0.4	0.04	6.58E-22
rs540963386	A	G	0.29	0.03	6.58E-22
rs75308800	T	C	0.27	0.02	6.61E-22
rs141308065	T	C	0.3	0.03	6.67E-22
rs143717732	C	A	0.32	0.03	6.72E-22
rs76871648	T	C	0.29	0.03	6.78E-22
rs17150657	C	G	0.8	0.08	6.81E-22
rs76137158	A	T	0.29	0.03	6.84E-22
rs73855365	C	A	0.29	0.03	6.91E-22
rs543015686	C	T	0.39	0.04	6.95E-22
rs114236305	C	T	0.29	0.03	6.99E-22
rs587601720	T	G	0.3	0.03	7.05E-22
rs116297843	C	T	0.35	0.03	7.05E-22
rs145417109	A	C	0.37	0.03	7.22E-22

rs185361684	T	C	0.25	0.02	7.22E-22
rs529430525	C	G	0.25	0.02	7.23E-22
rs181538919	C	G	0.29	0.03	7.26E-22
rs116693905	G	A	0.29	0.03	7.35E-22
rs182159067	A	T	0.14	0.01	7.40E-22
rs182911258	A	C	0.29	0.03	7.42E-22
rs371779882	A	G	0.29	0.03	7.48E-22
rs114336206	T	C	1.13	0.11	7.51E-22
rs181096162	T	C	0.29	0.03	7.60E-22
rs116069486	G	C	0.29	0.03	7.63E-22
rs73105561	C	T	0.3	0.03	7.67E-22
rs377404383	A	G	0.29	0.03	7.69E-22
rs114093843	T	G	0.29	0.03	7.70E-22
rs530365894	T	C	0.29	0.03	7.73E-22
rs138851780	A	G	0.29	0.03	7.79E-22
rs28399375	G	A	0.31	0.03	7.80E-22
rs78539628	T	C	0.28	0.03	7.82E-22
rs150030162	T	C	0.36	0.03	7.82E-22
rs115362907	A	G	0.29	0.03	7.86E-22
rs75879130	G	C	0.3	0.03	7.87E-22
rs150740890	T	C	0.29	0.03	7.89E-22
rs74903443	T	G	0.29	0.03	7.94E-22
rs149375918	G	C	0.29	0.03	7.95E-22
rs151307585	C	T	0.35	0.03	8.06E-22
rs146384903	A	C	0.29	0.03	8.08E-22
rs144354632	G	C	0.29	0.03	8.12E-22
rs144920966	C	T	0.29	0.03	8.21E-22
rs77807088	G	T	0.29	0.03	8.23E-22
rs74337968	A	G	0.29	0.03	8.24E-22
rs191058455	A	G	0.33	0.03	8.28E-22
rs561826379	T	C	0.29	0.03	8.36E-22
rs149485117	T	C	0.28	0.03	8.41E-22
rs138469131	G	A	0.12	0.01	8.45E-22
rs76093121	G	A	0.15	0.01	8.45E-22
rs140626744	C	T	0.21	0.02	8.60E-22
rs148874315	G	A	0.31	0.03	8.61E-22
rs185956935	A	G	0.29	0.03	8.62E-22
rs115254455	T	G	0.29	0.03	8.62E-22
rs141032408	G	A	0.29	0.03	8.69E-22
rs113883133	C	T	0.29	0.03	8.79E-22
rs575271598	T	C	0.29	0.03	8.89E-22
rs78633530	A	G	0.38	0.03	9.02E-22
rs187851287	G	A	0.14	0.01	9.22E-22
rs74395214	T	G	0.29	0.03	9.23E-22
rs150580036	C	T	0.29	0.03	9.28E-22
rs114286847	T	G	0.29	0.03	9.34E-22
rs115646799	C	T	0.29	0.03	9.38E-22
rs151148720	T	A	0.31	0.03	9.41E-22
rs562570346	C	T	0.18	0.01	9.44E-22
rs181848168	C	A	0.29	0.03	9.45E-22
rs188786618	G	A	0.29	0.03	9.46E-22
rs151010060	C	T	0.31	0.03	9.52E-22
rs77916858	G	A	0.29	0.03	9.69E-22
rs183600897	G	A	0.29	0.03	9.70E-22
rs534908672	A	G	0.29	0.03	9.70E-22
rs186875969	G	T	0.29	0.03	9.71E-22
rs116366721	T	C	0.28	0.02	9.72E-22
rs188479122	T	C	1.02	0.1	9.75E-22
rs568497039	A	G	1.02	0.1	9.86E-22
rs139252844	G	C	0.31	0.03	9.86E-22
rs188433546	C	T	1.12	0.11	9.88E-22

rs531709643	A	G	0.43	0.04	1.01E-21
rs116525754	T	C	0.08	0.0092235	1.01E-21
rs193074392	G	C	0.29	0.03	1.01E-21
rs182113801	C	G	0.29	0.03	1.01E-21
rs116260484	A	G	0.29	0.03	1.02E-21
rs77675527	T	C	0.29	0.03	1.02E-21
rs114624110	A	T	0.29	0.03	1.02E-21
rs141780320	A	G	1.67	0.17	1.03E-21
rs143529597	A	G	0.29	0.03	1.03E-21
rs190101995	C	T	0.29	0.03	1.04E-21
rs145119294	G	A	0.55	0.05	1.05E-21
rs78920506	T	C	0.27	0.02	1.05E-21
rs139515434	G	A	0.55	0.05	1.06E-21
rs189835436	T	C	0.26	0.02	1.06E-21
rs147223150	A	C	0.29	0.03	1.09E-21
rs76262630	A	G	0.35	0.03	1.09E-21
rs116312608	T	C	0.29	0.03	1.09E-21
rs140252188	A	G	0.29	0.03	1.10E-21
rs112315670	G	C	0.23	0.02	1.11E-21
rs138114235	T	C	0.33	0.03	1.11E-21
rs138936709	A	G	0.29	0.03	1.11E-21
rs189450636	A	G	0.3	0.03	1.11E-21
rs139904955	T	C	0.29	0.03	1.11E-21
rs138682526	T	C	0.29	0.03	1.11E-21
rs531896657	T	C	0.29	0.03	1.13E-21
rs571019932	G	T	0.29	0.03	1.14E-21
rs146045229	T	C	0.29	0.03	1.14E-21
rs111918831	T	C	0.29	0.03	1.15E-21
rs148911904	A	G	0.29	0.03	1.15E-21
rs150011313	G	A	0.26	0.02	1.16E-21
rs142335338	G	A	0.29	0.03	1.17E-21
rs139271631	G	A	0.29	0.03	1.17E-21
rs77591673	T	C	0.31	0.03	1.17E-21
rs148724287	A	G	0.29	0.03	1.19E-21
rs551934141	G	C	0.33	0.03	1.20E-21
rs201224112	G	A	0.3	0.03	1.22E-21
rs182078511	T	A	0.32	0.03	1.22E-21
rs145158966	T	A	0.29	0.03	1.23E-21
rs73938112	A	G	0.25	0.02	1.23E-21
rs113550409	T	C	0.32	0.03	1.23E-21
rs532001456	G	A	1.54	0.16	1.24E-21
rs60146555	T	G	0.26	0.02	1.24E-21
rs147189108	C	A	0.29	0.03	1.24E-21
rs112574310	A	G	0.28	0.02	1.25E-21
rs377300043	T	G	3.55	0.37	1.25E-21
rs182165663	A	G	0.24	0.02	1.25E-21
rs184230114	A	C	1.06	0.11	1.26E-21
rs11466221	C	T	0.29	0.03	1.26E-21
rs147347770	G	C	0.14	0.01	1.26E-21
rs141610742	T	C	0.28	0.02	1.26E-21
rs115498144	G	A	0.29	0.03	1.27E-21
rs149265991	A	G	0.29	0.03	1.28E-21
rs147556110	G	C	0.29	0.03	1.28E-21
rs184955373	T	A	0.29	0.03	1.28E-21
rs73005434	T	C	0.29	0.03	1.28E-21
rs567729243	A	G	0.49	0.05	1.30E-21
rs374738568	G	C	0.29	0.03	1.30E-21
rs7544718	G	A	0.29	0.03	1.31E-21
rs6679991	T	G	0.29	0.03	1.31E-21
rs73003241	T	C	0.29	0.03	1.31E-21
rs446633	T	G	0.27	0.02	1.31E-21

rs142393195	C	T	0.24	0.02	1.31E-21
rs114293569	T	C	0.31	0.03	1.31E-21
rs79622772	T	C	0.3	0.03	1.32E-21
rs148674526	T	C	0.3	0.03	1.32E-21
rs192877797	T	C	0.29	0.03	1.33E-21
rs114167544	T	C	0.55	0.05	1.35E-21
rs186193564	A	G	0.29	0.03	1.35E-21
rs116241071	C	T	0.14	0.01	1.35E-21
rs561468554	T	A	0.29	0.03	1.36E-21
rs572066302	G	A	0.35	0.03	1.36E-21
rs536285298	T	C	1.53	0.16	1.36E-21
rs138554948	G	A	0.53	0.05	1.38E-21
rs115336493	A	G	0.29	0.03	1.38E-21
rs77919159	T	C	0.28	0.02	1.38E-21
rs191730164	C	A	0.29	0.03	1.40E-21
rs544090156	C	A	0.29	0.03	1.41E-21
rs12343202	T	G	0.32	0.03	1.41E-21
rs140576238	G	A	0.28	0.03	1.42E-21
rs143212147	A	G	0.29	0.03	1.42E-21
rs10114866	G	A	0.32	0.03	1.43E-21
rs149319742	A	G	0.29	0.03	1.43E-21
rs139972516	T	C	0.29	0.03	1.43E-21
rs182339884	C	T	0.3	0.03	1.44E-21
rs114539315	T	C	0.25	0.02	1.45E-21
rs142905649	G	A	0.28	0.03	1.45E-21
rs141436874	C	T	0.29	0.03	1.45E-21
rs115554531	T	C	0.26	0.02	1.47E-21
rs552895731	C	T	0.3	0.03	1.48E-21
rs566381248	A	G	0.29	0.03	1.49E-21
rs146385572	A	G	0.29	0.03	1.49E-21
rs143081563	G	C	0.14	0.01	1.49E-21
rs10034584	A	G	0.37	0.03	1.50E-21
rs552394139	T	C	0.35	0.03	1.51E-21
rs142477077	C	G	0.29	0.03	1.51E-21
rs75277362	G	A	0.37	0.03	1.51E-21
rs116415548	T	C	0.28	0.03	1.52E-21
rs73309229	A	T	0.29	0.03	1.52E-21
rs115546997	T	C	0.3	0.03	1.53E-21
rs57268232	T	C	0.25	0.02	1.53E-21
rs145340022	T	G	0.29	0.03	1.58E-21
rs529740457	T	C	0.43	0.04	1.58E-21
rs329228	T	C	0.29	0.03	1.59E-21
rs185932744	C	T	0.29	0.03	1.60E-21
rs186997576	A	G	0.3	0.03	1.60E-21
rs184106409	G	T	0.27	0.02	1.61E-21
rs139138335	T	G	0.17	0.01	1.61E-21
rs10024382	G	A	0.37	0.03	1.62E-21
rs186092925	G	T	0.29	0.03	1.62E-21
rs116428599	T	A	0.29	0.03	1.62E-21
rs150175656	A	G	0.28	0.03	1.63E-21
rs142433313	A	G	0.3	0.03	1.64E-21
rs576212244	G	A	0.29	0.03	1.64E-21
rs111492909	C	T	0.15	0.01	1.64E-21
rs141159955	G	T	0.29	0.03	1.65E-21
rs560811684	A	G	0.29	0.03	1.66E-21
rs187838821	C	A	0.29	0.03	1.66E-21
rs190307078	C	T	0.28	0.03	1.67E-21
rs192686995	A	G	0.28	0.03	1.67E-21
rs77200319	C	T	0.1	0.01	1.69E-21
rs138364482	G	A	0.29	0.03	1.69E-21
rs116288774	C	G	0.14	0.01	1.69E-21

rs146808901	G	A	0.26	0.02	1.70E-21
rs140373099	C	T	0.29	0.03	1.70E-21
rs114403347	A	C	0.7	0.07	1.72E-21
rs114825263	C	G	0.15	0.01	1.72E-21
rs140248265	A	G	2.02	0.21	1.72E-21
rs114412676	G	A	0.29	0.03	1.73E-21
rs146615768	C	T	0.29	0.03	1.74E-21
rs564880699	G	A	0.4	0.04	1.75E-21
rs114102200	A	G	0.29	0.03	1.75E-21
rs116837376	T	C	0.3	0.03	1.76E-21
rs115937489	C	G	0.29	0.03	1.76E-21
rs536258529	G	A	0.29	0.03	1.76E-21
rs150156495	A	C	0.29	0.03	1.77E-21
rs141151192	C	G	0.28	0.03	1.79E-21
rs180949061	A	G	0.27	0.02	1.80E-21
rs12065312	T	C	0.29	0.03	1.81E-21
rs564526795	A	G	0.4	0.04	1.81E-21
rs73687076	G	A	0.18	0.01	1.83E-21
rs116745053	G	C	0.29	0.03	1.83E-21
rs9996181	C	T	0.4	0.04	1.83E-21
rs114126733	C	T	0.29	0.03	1.84E-21
rs115822452	T	A	0.27	0.02	1.84E-21
rs28746193	A	G	0.29	0.03	1.84E-21
rs149235274	C	T	0.3	0.03	1.85E-21
rs59242050	T	A	0.29	0.03	1.85E-21
rs180958586	T	C	0.33	0.03	1.85E-21
rs548738706	G	A	1.51	0.15	1.85E-21
rs115150037	T	G	0.27	0.02	1.87E-21
rs184202094	G	A	0.29	0.03	1.87E-21
rs138839846	G	C	0.29	0.03	1.87E-21
rs544342630	C	A	0.28	0.03	1.87E-21
rs148416984	A	G	0.29	0.03	1.88E-21
rs114734602	C	T	0.61	0.06	1.88E-21
rs189419523	C	A	0.28	0.03	1.88E-21
rs567113578	T	C	0.28	0.03	1.89E-21
rs138256515	C	T	0.28	0.02	1.90E-21
rs150088687	G	T	0.27	0.02	1.91E-21
rs147335978	T	A	0.27	0.02	1.91E-21
rs114984001	A	G	0.29	0.03	1.92E-21
rs146914630	A	T	0.37	0.03	1.92E-21
rs192916922	G	A	0.37	0.03	1.92E-21
rs558076055	T	C	0.37	0.03	1.92E-21
rs557339577	T	C	0.27	0.02	1.92E-21
rs531931192	T	C	0.38	0.04	1.93E-21
rs9998753	C	T	0.29	0.03	1.94E-21
rs75591182	T	G	0.29	0.03	1.95E-21
rs189741954	A	C	1.11	0.11	1.95E-21
rs115017547	T	C	0.12	0.01	1.98E-21
rs139291124	C	A	0.37	0.03	2.00E-21
rs139941008	C	T	0.37	0.03	2.00E-21
rs147958651	T	A	0.37	0.03	2.00E-21
rs113593520	T	C	0.14	0.01	2.00E-21
rs28369576	G	A	0.37	0.03	2.01E-21
rs146714705	A	C	0.29	0.03	2.01E-21
rs189922958	C	T	0.28	0.03	2.02E-21
rs189158243	C	T	0.29	0.03	2.03E-21
rs28456032	A	C	0.29	0.03	2.04E-21
rs537837652	A	G	0.35	0.03	2.04E-21
rs144614888	C	T	0.29	0.03	2.05E-21
rs28635241	T	A	0.29	0.03	2.07E-21
rs146888800	G	C	0.35	0.03	2.08E-21

rs148329262	C	T	0.29	0.03	2.09E-21
rs115812845	G	C	0.28	0.03	2.10E-21
rs185552309	A	G	0.29	0.03	2.11E-21
rs142303784	G	A	0.3	0.03	2.12E-21
rs528205790	C	A	0.28	0.03	2.13E-21
rs574506211	G	C	0.29	0.03	2.15E-21
rs139766982	G	A	0.29	0.03	2.16E-21
rs192550523	G	T	0.15	0.01	2.17E-21
rs115204191	T	C	0.14	0.01	2.18E-21
rs532208503	C	A	0.28	0.03	2.19E-21
rs149132822	C	T	0.29	0.03	2.19E-21
rs77031700	C	T	0.28	0.03	2.20E-21
rs76954577	T	C	0.27	0.02	2.20E-21
rs560026946	G	C	0.38	0.04	2.20E-21
rs75754634	G	A	0.25	0.02	2.20E-21
rs115435041	C	T	0.27	0.02	2.21E-21
rs115735631	T	C	0.27	0.02	2.21E-21
rs142047898	A	G	0.28	0.03	2.22E-21
rs10008729	C	T	0.28	0.03	2.23E-21
rs185119217	T	C	0.29	0.03	2.23E-21
rs72944223	A	G	0.11	0.01	2.24E-21
rs10034363	C	G	0.37	0.03	2.24E-21
rs75728656	T	C	0.28	0.03	2.25E-21
rs57187679	C	T	0.29	0.03	2.26E-21
rs147136347	C	A	0.35	0.03	2.27E-21
rs370327140	G	C	0.17	0.01	2.28E-21
rs192264716	C	T	0.14	0.01	2.31E-21
rs150341420	G	T	0.38	0.04	2.31E-21
rs529722301	A	G	0.4	0.04	2.31E-21
rs558782943	A	T	0.4	0.04	2.31E-21
rs150136178	T	C	0.28	0.03	2.32E-21
rs10024480	C	A	0.37	0.03	2.33E-21
rs146155733	T	C	0.3	0.03	2.34E-21
rs112435471	A	G	0.15	0.01	2.35E-21
rs150361225	C	G	0.28	0.03	2.35E-21
rs187823532	A	G	0.28	0.03	2.35E-21
rs555686786	T	C	0.28	0.03	2.35E-21
rs146039054	C	T	0.28	0.03	2.35E-21
rs376451095	A	G	0.25	0.02	2.36E-21
rs543660860	G	A	0.31	0.03	2.38E-21
rs184302267	G	A	0.3	0.03	2.39E-21
rs139375752	A	T	0.18	0.01	2.39E-21
rs141728575	T	G	0.3	0.03	2.40E-21
rs184629395	G	A	0.29	0.03	2.42E-21
rs138787401	A	G	0.29	0.03	2.43E-21
rs115493926	C	T	0.29	0.03	2.47E-21
rs10012251	A	G	0.28	0.03	2.47E-21
rs114423750	A	G	0.14	0.01	2.47E-21
rs79572605	A	G	0.29	0.03	2.48E-21
rs549402472	G	A	0.28	0.03	2.51E-21
rs529908342	A	G	0.36	0.03	2.52E-21
rs185282191	G	T	1.05	0.11	2.52E-21
rs115218220	G	A	0.28	0.03	2.54E-21
rs115269201	A	G	0.27	0.02	2.54E-21
rs114946039	A	G	0.28	0.03	2.56E-21
rs147551171	T	C	0.29	0.03	2.56E-21
rs185305024	A	G	0.28	0.03	2.58E-21
rs113889801	G	A	0.28	0.03	2.59E-21
rs114562687	C	T	0.29	0.03	2.60E-21
rs141805836	T	C	0.36	0.03	2.60E-21
rs182049720	T	C	0.29	0.03	2.61E-21



rs540313058	G	A	0.31	0.03	2.62E-21
rs114115770	C	T	0.29	0.03	2.63E-21
rs141565950	C	G	0.29	0.03	2.63E-21
rs186946268	C	T	0.29	0.03	2.66E-21
rs144058801	A	G	0.21	0.02	2.67E-21
rs536558059	G	C	0.28	0.03	2.68E-21
rs114037896	G	A	0.28	0.03	2.68E-21
rs144309305	T	C	0.21	0.02	2.69E-21
rs141660473	T	C	0.28	0.03	2.71E-21
rs145962068	T	G	0.13	0.01	2.72E-21
rs544495433	T	C	0.28	0.03	2.72E-21
rs79026376	T	C	0.29	0.03	2.74E-21
rs137968649	C	T	0.3	0.03	2.74E-21
rs199720279	T	C	0.15	0.01	2.74E-21
rs145054360	T	C	0.12	0.01	2.76E-21
rs56247110	C	A	0.18	0.01	2.77E-21
rs115486977	C	T	0.28	0.03	2.79E-21
rs539046163	G	A	0.28	0.03	2.86E-21
rs190096654	G	A	0.28	0.03	2.87E-21
rs115456030	G	C	1.93	0.2	2.87E-21
rs61229931	C	A	0.25	0.02	2.90E-21
rs114049289	G	A	0.29	0.03	2.91E-21
rs542382134	G	A	0.28	0.03	2.92E-21
rs536902142	C	T	0.13	0.01	2.93E-21
rs73426898	G	T	0.28	0.02	2.94E-21
rs367603071	A	G	0.28	0.02	2.95E-21
rs78230498	T	C	0.28	0.03	2.95E-21
rs142982654	A	G	0.28	0.03	2.96E-21
rs77479422	C	T	0.28	0.03	2.97E-21
rs182569075	A	G	0.28	0.02	2.98E-21
rs73537017	T	C	0.19	0.02	2.99E-21
rs572943479	T	C	0.29	0.03	2.99E-21
rs143702206	T	G	1.51	0.16	3.03E-21
rs143671843	G	C	0.28	0.03	3.04E-21
rs78650494	G	C	0.29	0.03	3.05E-21
rs147364934	G	A	0.21	0.02	3.06E-21
rs190333373	A	G	0.35	0.03	3.07E-21
rs116738860	T	C	0.28	0.03	3.08E-21
rs114831589	A	C	0.28	0.03	3.08E-21
rs78700068	G	A	0.28	0.03	3.09E-21
rs12105922	T	A	0.29	0.03	3.10E-21
rs150263223	A	T	0.28	0.03	3.13E-21
rs144378547	G	C	0.29	0.03	3.14E-21
rs140067447	G	A	0.5	0.05	3.16E-21
rs185696469	C	G	0.31	0.03	3.16E-21
rs114642741	T	C	0.29	0.03	3.17E-21
rs115527535	G	A	0.14	0.01	3.18E-21
rs150644495	C	G	0.28	0.03	3.20E-21
rs185594294	A	C	0.28	0.03	3.20E-21
rs115505019	C	G	0.28	0.03	3.20E-21
rs112547052	A	G	0.28	0.03	3.22E-21
rs75965760	T	C	0.31	0.03	3.23E-21
rs181671513	G	T	0.28	0.03	3.23E-21
rs141989434	C	T	0.28	0.03	3.26E-21
rs577836599	A	G	0.28	0.03	3.28E-21
rs146964307	A	G	0.33	0.03	3.31E-21
rs115782475	G	A	0.16	0.01	3.33E-21
rs114752651	A	G	0.16	0.01	3.33E-21
rs551405780	G	A	0.31	0.03	3.33E-21
rs143456540	G	A	0.35	0.03	3.34E-21
rs150034714	T	C	0.17	0.01	3.35E-21

rs571756411	A	G	0.61	0.06	3.37E-21
rs10006624	C	T	0.31	0.03	3.37E-21
rs141599114	T	C	0.28	0.02	3.44E-21
rs148586117	G	A	0.3	0.03	3.47E-21
rs139709844	C	T	0.28	0.03	3.47E-21
rs145821348	C	T	0.44	0.04	3.49E-21
rs58806658	G	A	0.07	0.0077236	3.49E-21
rs79937616	G	C	0.31	0.03	3.49E-21
rs139924473	G	A	0.28	0.03	3.50E-21
rs76454379	A	G	0.28	0.03	3.51E-21
rs150155297	T	C	1.1	0.11	3.54E-21
rs80006747	T	C	0.24	0.02	3.55E-21
rs79511471	G	T	0.28	0.03	3.56E-21
rs141489957	T	G	0.33	0.03	3.59E-21
rs145071533	A	G	0.17	0.01	3.60E-21
rs140226307	T	C	0.95	0.1	3.63E-21
rs116032449	G	A	0.28	0.03	3.66E-21
rs551611723	T	C	0.37	0.03	3.66E-21
rs116704732	G	A	0.21	0.02	3.68E-21
rs186008737	C	T	0.63	0.06	3.68E-21
rs77703441	A	G	0.14	0.01	3.72E-21
rs186324263	A	T	0.28	0.03	3.73E-21
rs533535191	A	G	0.28	0.03	3.74E-21
rs139852947	A	G	0.28	0.03	3.75E-21
rs111207651	C	G	0.16	0.01	3.75E-21
rs79616012	G	T	0.38	0.04	3.77E-21
rs148273658	A	G	0.57	0.06	3.77E-21
rs113351044	T	C	0.28	0.02	3.78E-21
rs557155632	C	A	0.28	0.03	3.79E-21
rs143495783	T	C	0.28	0.03	3.84E-21
rs190669447	T	C	0.28	0.03	3.93E-21
rs527666560	T	C	0.28	0.03	3.94E-21
rs61127073	T	C	0.28	0.03	3.95E-21
rs567643739	A	G	0.28	0.02	3.95E-21
rs73854361	A	C	0.28	0.03	3.97E-21
rs114714171	T	C	0.32	0.03	3.98E-21
rs536226558	T	C	0.28	0.03	4.03E-21
rs115023928	T	A	0.09	0.0099729	4.04E-21
rs189975472	A	T	0.36	0.03	4.10E-21
rs143957417	C	T	0.28	0.02	4.13E-21
rs13395112	G	A	0.14	0.01	4.20E-21
rs150597913	G	C	0.53	0.05	4.20E-21
rs188406362	T	C	0.17	0.01	4.23E-21
rs10207686	T	C	0.14	0.01	4.24E-21
rs73938477	G	A	0.28	0.03	4.31E-21
rs76247895	T	G	0.16	0.01	4.32E-21
rs143288077	A	G	0.21	0.02	4.32E-21
rs10074412	T	C	0.28	0.03	4.36E-21
rs139674161	C	T	0.28	0.03	4.37E-21
rs76007432	G	A	0.25	0.02	4.37E-21
rs142742442	T	C	0.27	0.02	4.38E-21
rs111326617	T	C	0.16	0.01	4.39E-21
rs139163868	T	C	1.09	0.11	4.42E-21
rs188078313	C	T	0.28	0.03	4.45E-21
rs28686974	G	T	0.36	0.03	4.51E-21
rs138168972	C	A	0.28	0.03	4.51E-21
rs73537039	T	C	0.19	0.02	4.56E-21
rs114490963	A	G	0.1	0.01	4.59E-21
rs587673990	C	T	0.17	0.01	4.59E-21
rs534827277	C	A	0.42	0.04	4.60E-21
rs142326526	A	C	0.28	0.03	4.69E-21

rs77581427	T	C	0.26	0.02	4.70E-21
rs145302058	A	G	0.28	0.02	4.71E-21
rs73372649	A	G	0.28	0.03	4.74E-21
rs182850298	C	T	0.18	0.01	4.75E-21
rs114116258	A	C	0.28	0.03	4.75E-21
rs77459766	G	T	0.25	0.02	4.76E-21
rs150617037	T	G	0.27	0.02	4.85E-21
rs181067505	T	A	0.28	0.03	4.88E-21
rs72944218	C	A	0.1	0.01	4.89E-21
rs192811312	T	C	0.22	0.02	4.90E-21
rs559181850	A	G	0.42	0.04	4.92E-21
rs181796762	A	G	0.28	0.03	4.93E-21
rs57145409	G	A	0.28	0.03	4.93E-21
rs183912689	C	G	0.28	0.03	4.95E-21
rs116675566	A	C	0.28	0.02	4.96E-21
rs60772988	T	C	0.28	0.03	4.97E-21
rs143935110	T	G	0.28	0.03	4.97E-21
rs116421395	T	C	0.25	0.02	4.98E-21
rs140809651	T	C	10.4	1.1	5.03E-21
rs115623126	T	C	0.14	0.01	5.09E-21
rs73959710	T	C	0.14	0.01	5.11E-21
rs142857125	A	G	0.28	0.03	5.12E-21
rs531738497	G	A	0.28	0.03	5.13E-21
rs142346657	A	C	0.28	0.03	5.14E-21
rs185098898	T	A	0.28	0.03	5.14E-21
rs79796020	A	G	0.28	0.02	5.14E-21
rs116855512	C	T	0.28	0.02	5.15E-21
rs114471454	C	T	0.28	0.03	5.16E-21
rs73686270	T	C	0.28	0.03	5.16E-21
rs150360323	A	G	0.28	0.03	5.17E-21
rs562980298	T	G	0.28	0.03	5.19E-21
rs138045641	C	T	0.28	0.03	5.19E-21
rs183310594	T	A	0.28	0.03	5.20E-21
rs182072772	A	C	0.28	0.03	5.22E-21
rs142998325	A	G	0.28	0.03	5.29E-21
rs150485487	A	G	0.37	0.03	5.30E-21
rs554858335	A	C	1.11	0.11	5.31E-21
rs57504110	G	C	1.06	0.11	5.31E-21
rs184169238	T	G	0.09	0.01	5.34E-21
rs145619617	A	G	0.28	0.03	5.36E-21
rs74480534	T	C	1.09	0.11	5.39E-21
rs142668135	C	T	0.28	0.03	5.39E-21
rs151105068	T	A	0.29	0.03	5.41E-21
rs116397088	A	C	0.14	0.01	5.46E-21
rs372405058	C	T	0.28	0.03	5.49E-21
rs144948294	C	G	0.32	0.03	5.53E-21
rs139870289	G	C	0.28	0.03	5.58E-21
rs139912136	A	G	0.4	0.04	5.58E-21
rs188372249	C	G	0.28	0.03	5.59E-21
rs186089625	C	T	0.28	0.03	5.59E-21
rs138539938	A	G	0.16	0.01	5.63E-21
rs146713835	T	A	0.83	0.08	5.66E-21
rs149283557	C	A	0.51	0.05	5.67E-21
rs150988755	A	G	0.28	0.03	5.68E-21
rs141000821	G	A	0.15	0.01	5.71E-21
rs185433876	C	T	1.03	0.11	5.71E-21
rs116382687	G	C	0.25	0.02	5.73E-21
rs567649115	G	A	0.45	0.04	5.84E-21
rs186647692	G	A	0.28	0.03	5.84E-21
rs181921099	T	C	0.31	0.03	5.86E-21
rs73003250	T	G	0.28	0.02	5.89E-21

rs182425398	T	G	0.32	0.03	6.04E-21
rs190246268	T	G	0.32	0.03	6.04E-21
rs556813051	A	G	0.27	0.02	6.08E-21
rs28491619	C	T	0.36	0.03	6.10E-21
rs115649040	A	G	0.28	0.03	6.12E-21
rs146006210	A	C	0.27	0.02	6.12E-21
rs142058223	A	G	0.28	0.03	6.18E-21
rs147539909	A	G	0.42	0.04	6.18E-21
rs116448647	G	C	0.14	0.01	6.29E-21
rs144966377	A	T	0.41	0.04	6.30E-21
rs76184255	G	A	0.32	0.03	6.31E-21
rs13412777	T	G	0.28	0.03	6.31E-21
rs76411793	G	A	0.28	0.02	6.35E-21
rs186547312	A	G	0.28	0.02	6.35E-21
rs371519635	G	C	0.55	0.05	6.43E-21
rs191099136	C	G	0.3	0.03	6.43E-21
rs141042865	T	A	0.27	0.02	6.46E-21
rs189612706	C	T	0.09	0.01	6.47E-21
rs552387967	A	G	0.31	0.03	6.54E-21
rs115105540	A	T	0.28	0.03	6.58E-21
rs77212341	A	T	0.28	0.03	6.58E-21
rs79282768	T	G	0.28	0.03	6.58E-21
rs76199169	T	C	0.28	0.03	6.59E-21
rs146661030	C	G	0.35	0.03	6.60E-21
rs73094894	A	G	0.28	0.03	6.66E-21
rs115427290	C	A	0.28	0.02	6.66E-21
rs73094872	T	A	0.28	0.03	6.69E-21
rs567369139	A	G	0.34	0.03	6.75E-21
rs147001405	A	G	0.28	0.03	6.82E-21
rs563576952	T	G	0.28	0.03	6.85E-21
rs76384326	C	A	0.28	0.03	6.88E-21
rs567507010	C	T	0.28	0.03	6.91E-21
rs138099074	C	T	0.27	0.02	6.92E-21
rs139416703	T	C	0.27	0.02	6.92E-21
rs115636566	A	T	0.28	0.03	6.96E-21
rs148307764	C	G	0.35	0.03	6.96E-21
rs188566438	A	G	0.28	0.03	6.99E-21
rs568312377	A	G	0.28	0.03	6.99E-21
rs80303415	T	G	0.28	0.03	6.99E-21
rs114082827	C	T	0.32	0.03	6.99E-21
rs77027316	T	C	0.28	0.03	7.00E-21
rs147137305	C	T	0.28	0.02	7.01E-21
rs150482344	C	T	0.28	0.03	7.01E-21
rs17030713	T	G	0.43	0.04	7.06E-21
rs140173700	T	C	0.28	0.03	7.10E-21
rs118117325	C	T	0.28	0.03	7.11E-21
rs543297985	A	G	0.28	0.03	7.18E-21
rs144417599	T	C	1.03	0.1	7.19E-21
rs190892645	G	A	1.03	0.1	7.19E-21
rs567122197	A	C	0.28	0.02	7.19E-21
rs145112778	T	C	0.28	0.02	7.20E-21
rs147098906	G	A	0.28	0.03	7.24E-21
rs188439458	A	T	0.37	0.04	7.24E-21
rs111803164	T	C	0.28	0.03	7.29E-21
rs115519698	T	C	0.14	0.01	7.32E-21
rs73094888	T	A	0.28	0.03	7.33E-21
rs73936888	C	T	0.29	0.03	7.35E-21
rs114985371	C	T	0.28	0.03	7.38E-21
rs587658275	A	G	0.28	0.02	7.40E-21
rs138230426	T	A	0.28	0.02	7.40E-21
rs369748538	A	G	0.31	0.03	7.42E-21

rs142113124	C	T	0.28	0.03	7.49E-21
rs79147756	G	A	0.57	0.06	7.53E-21
rs571897271	C	T	0.28	0.03	7.55E-21
rs145836902	A	T	0.21	0.02	7.55E-21
rs73094897	A	G	0.28	0.03	7.57E-21
rs78369325	A	G	0.28	0.03	7.60E-21
rs114250341	G	A	0.44	0.04	7.69E-21
rs59261034	G	A	0.27	0.02	7.75E-21
rs188586006	G	A	0.28	0.02	7.79E-21
rs113001314	C	T	0.3	0.03	7.88E-21
rs186570807	T	C	0.28	0.02	7.90E-21
rs80252302	A	G	0.28	0.03	7.92E-21
rs77347759	G	A	0.28	0.03	7.97E-21
rs189703064	C	T	0.36	0.03	7.98E-21
rs114624604	A	G	0.27	0.02	8.01E-21
rs576764552	A	G	0.17	0.01	8.02E-21
rs368238538	A	G	0.3	0.03	8.02E-21
rs58072554	A	G	0.14	0.01	8.03E-21
rs543485006	A	G	0.27	0.02	8.05E-21
rs192107398	T	A	0.28	0.02	8.18E-21
rs144444049	A	C	0.27	0.02	8.20E-21
rs183173012	T	A	0.27	0.02	8.20E-21
rs148505004	G	A	0.28	0.03	8.23E-21
rs115764737	T	C	0.14	0.01	8.23E-21
rs143707805	A	G	0.16	0.01	8.24E-21
rs144460942	G	A	0.28	0.03	8.32E-21
rs147067943	C	T	0.14	0.01	8.34E-21
rs140024997	C	T	0.29	0.03	8.35E-21
rs73094860	C	T	0.28	0.03	8.35E-21
rs76254641	A	G	0.14	0.01	8.36E-21
rs150646940	T	G	0.28	0.03	8.43E-21
rs78181313	G	A	0.28	0.03	8.43E-21
rs144487935	A	G	0.28	0.03	8.45E-21
rs138052248	T	C	0.27	0.02	8.48E-21
rs7839767	T	C	0.29	0.03	8.51E-21
rs530699064	T	A	0.41	0.04	8.52E-21
rs149496010	C	T	0.28	0.03	8.58E-21
rs9992963	G	A	0.3	0.03	8.60E-21
rs141182039	C	T	0.28	0.03	8.61E-21
rs114879811	A	G	0.28	0.03	8.63E-21
rs7762178	G	A	0.29	0.03	8.63E-21
rs78886041	G	T	0.28	0.03	8.70E-21
rs149280366	G	A	0.28	0.02	8.70E-21
rs80194121	A	G	0.28	0.03	8.75E-21
rs146229105	C	G	0.28	0.03	8.75E-21
rs147019488	C	A	0.28	0.03	8.77E-21
rs114724054	T	C	0.28	0.03	8.78E-21
rs144838876	A	T	0.28	0.03	8.81E-21
rs188599142	A	G	0.11	0.01	8.82E-21
rs186406340	G	A	0.93	0.09	8.89E-21
rs143513473	C	A	0.27	0.02	8.95E-21
rs149356143	A	G	0.27	0.02	8.95E-21
rs546215517	G	T	0.28	0.03	8.95E-21
rs143239855	G	A	0.28	0.03	8.98E-21
rs73094840	G	T	0.28	0.02	8.98E-21
rs10122435	T	C	0.31	0.03	8.99E-21
rs138878065	G	A	0.28	0.03	9.00E-21
rs150243057	A	G	0.28	0.03	9.00E-21
rs145442720	A	G	0.28	0.03	9.01E-21
rs538038138	G	A	0.28	0.03	9.04E-21
rs181958863	C	G	0.57	0.06	9.12E-21

rs143266094	C	T	0.28	0.03	9.14E-21
rs532620759	C	T	0.27	0.02	9.14E-21
rs10124420	T	C	0.14	0.01	9.15E-21
rs372921918	C	A	0.28	0.02	9.19E-21
rs190600721	A	G	0.28	0.03	9.19E-21
rs138188058	A	G	0.28	0.03	9.22E-21
rs559255770	G	T	0.22	0.02	9.23E-21
rs145542871	C	A	0.27	0.02	9.39E-21
rs529971290	C	G	0.17	0.01	9.41E-21
rs115141397	A	C	0.31	0.03	9.46E-21
rs115403962	A	G	0.31	0.03	9.46E-21
rs76165600	C	G	0.28	0.03	9.50E-21
rs145668348	T	C	0.26	0.02	9.50E-21
rs116811194	A	G	0.28	0.03	9.52E-21
rs115381931	T	C	2.57	0.27	9.52E-21
rs75276774	G	T	0.27	0.02	9.53E-21
rs139723650	T	C	0.27	0.02	9.54E-21
rs190544089	A	G	1.02	0.1	9.57E-21
rs577214330	C	T	0.28	0.03	9.57E-21
rs137864011	C	G	0.42	0.04	9.58E-21
rs6458055	G	A	0.27	0.02	9.60E-21
rs556151527	A	G	0.83	0.08	9.63E-21
rs147303449	A	G	0.26	0.02	9.74E-21
rs190416511	C	T	0.27	0.02	9.75E-21
rs563873823	G	A	0.27	0.02	9.75E-21
rs142198130	T	G	0.31	0.03	9.80E-21
rs113521857	G	A	0.31	0.03	9.82E-21
rs563245738	G	A	0.31	0.03	9.87E-21
rs112777073	T	C	0.31	0.03	9.87E-21
rs182471714	T	C	0.28	0.03	9.91E-21
rs181647627	G	T	0.28	0.03	9.93E-21
rs111442484	T	C	0.3	0.03	9.95E-21
rs147489900	G	C	0.16	0.01	1.00E-20
rs191373777	T	A	0.28	0.03	1.00E-20
rs766154502	A	G	0.06	0.0064653	1.00E-20
rs549332495	C	G	0.32	0.03	1.04E-20
rs552597552	T	C	5.9	0.63	1.04E-20
rs183571714	G	T	0.26	0.02	1.04E-20
rs61706325	G	T	0.28	0.03	1.04E-20
rs74752752	C	T	0.14	0.01	1.04E-20
rs528053172	T	G	0.7	0.07	1.05E-20
rs34311462	A	G	0.1	0.01	1.05E-20
rs187149473	A	G	0.28	0.03	1.06E-20
rs542955130	C	G	0.3	0.03	1.07E-20
rs544082076	T	A	0.28	0.03	1.07E-20
rs186332201	T	G	0.27	0.02	1.07E-20
rs144500897	G	A	0.27	0.02	1.07E-20
rs143043055	G	T	0.28	0.03	1.08E-20
rs146998454	A	G	0.28	0.03	1.08E-20
rs140303661	T	C	0.29	0.03	1.09E-20
rs189396322	T	G	2.04	0.21	1.09E-20
rs368264876	C	T	0.27	0.02	1.10E-20
rs148592548	T	C	0.28	0.03	1.11E-20
rs116296969	T	A	0.3	0.03	1.11E-20
rs115247717	G	A	0.28	0.03	1.11E-20
rs115958384	G	A	0.28	0.03	1.11E-20
rs149823704	T	C	0.29	0.03	1.11E-20
rs184172678	G	T	0.81	0.08	1.12E-20
rs145547079	G	A	0.28	0.03	1.13E-20
rs9684332	A	G	0.36	0.03	1.14E-20
rs114333127	C	G	0.28	0.03	1.14E-20

rs142714082	T	C	0.28	0.03	1.14E-20
rs117427167	T	C	0.27	0.02	1.15E-20
rs141643984	C	T	0.3	0.03	1.16E-20
rs187765135	A	T	0.93	0.09	1.16E-20
rs150467731	G	A	0.54	0.05	1.16E-20
rs147501029	G	T	0.28	0.03	1.18E-20
rs147897637	A	G	0.27	0.02	1.18E-20
rs141387705	C	T	1.02	0.11	1.20E-20
rs563992085	T	G	0.28	0.03	1.22E-20
rs183838299	G	T	0.27	0.02	1.22E-20
rs57812228	C	A	0.14	0.01	1.23E-20
rs149142571	A	C	0.28	0.03	1.24E-20
rs116537569	T	C	0.29	0.03	1.24E-20
rs140805616	T	C	35.54	3.81	1.24E-20
rs572005165	A	G	0.3	0.03	1.24E-20
rs530318196	T	C	0.28	0.03	1.25E-20
rs76616161	A	C	0.27	0.02	1.25E-20
rs561303541	G	A	0.27	0.02	1.26E-20
rs547517056	A	G	0.27	0.02	1.26E-20
rs139470398	G	A	0.16	0.01	1.27E-20
rs118141502	A	G	0.29	0.03	1.28E-20
rs10116822	C	A	0.14	0.01	1.28E-20
rs143821405	C	T	0.29	0.03	1.29E-20
rs115669216	C	A	0.14	0.01	1.30E-20
rs115251784	T	C	0.28	0.03	1.30E-20
rs185949451	G	A	0.26	0.02	1.31E-20
rs138274030	C	T	0.41	0.04	1.31E-20
rs535816447	C	T	0.19	0.02	1.31E-20
rs181903757	A	T	0.28	0.03	1.33E-20
rs185288274	A	G	0.42	0.04	1.33E-20
rs57474719	T	C	0.25	0.02	1.33E-20
rs555298075	G	A	0.3	0.03	1.34E-20
rs541420108	T	A	0.27	0.02	1.35E-20
rs572598955	T	C	0.27	0.02	1.35E-20
rs182866409	A	G	0.28	0.03	1.35E-20
rs572920735	A	G	0.38	0.04	1.35E-20
rs144521958	A	T	0.29	0.03	1.35E-20
rs115916245	T	C	0.29	0.03	1.37E-20
rs145802304	G	A	0.36	0.03	1.37E-20
rs184124747	T	G	0.27	0.02	1.38E-20
rs141324748	G	A	0.46	0.05	1.39E-20
rs114167932	A	G	0.27	0.02	1.40E-20
rs200136859	G	A	0.27	0.02	1.40E-20
rs116446440	G	A	0.27	0.02	1.41E-20
rs150114623	C	T	0.24	0.02	1.41E-20
rs187012647	T	A	0.28	0.03	1.41E-20
rs142193164	G	T	0.28	0.03	1.42E-20
rs114844132	A	G	0.28	0.03	1.43E-20
rs186138218	A	G	0.27	0.02	1.43E-20
rs148153330	T	C	0.27	0.02	1.43E-20
rs188965411	T	C	0.27	0.03	1.44E-20
rs559114858	A	G	0.27	0.02	1.44E-20
rs531577424	T	C	0.32	0.03	1.44E-20
rs184466806	A	G	0.27	0.02	1.44E-20
rs115761243	T	C	0.3	0.03	1.45E-20
rs185001157	T	A	0.27	0.03	1.45E-20
rs563963637	G	C	0.27	0.02	1.46E-20
rs536785258	A	G	0.32	0.03	1.47E-20
rs112556646	G	A	0.27	0.02	1.47E-20
rs114915762	T	A	0.51	0.05	1.47E-20
rs553979754	A	G	0.28	0.03	1.48E-20

rs199596774	A	G	0.27	0.02	1.48E-20
rs548081191	C	A	0.29	0.03	1.48E-20
rs114588301	A	C	0.55	0.05	1.49E-20
rs532961271	T	C	0.27	0.02	1.49E-20
rs543120582	T	A	0.27	0.02	1.49E-20
rs147236844	A	G	0.27	0.03	1.50E-20
rs148893526	C	A	0.32	0.03	1.51E-20
rs1109207	G	C	0.13	0.01	1.51E-20
rs552817521	C	A	0.28	0.03	1.52E-20
rs143184745	A	T	0.27	0.02	1.52E-20
rs138633238	G	A	0.34	0.03	1.52E-20
rs539555662	A	C	0.28	0.03	1.54E-20
rs111291953	C	T	0.37	0.04	1.56E-20
rs183675695	G	A	0.27	0.02	1.57E-20
rs375914011	A	G	1.89	0.2	1.58E-20
rs6998166	C	T	0.23	0.02	1.58E-20
rs141054415	A	G	1.01	0.1	1.59E-20
rs180810424	T	C	1.01	0.1	1.59E-20
rs141803445	A	G	0.27	0.02	1.59E-20
rs148330890	T	C	0.26	0.02	1.60E-20
rs375844761	C	A	0.37	0.04	1.64E-20
rs190309342	T	C	0.27	0.02	1.64E-20
rs76130596	C	T	0.27	0.02	1.64E-20
rs144414924	A	G	0.29	0.03	1.64E-20
rs116485438	C	T	0.27	0.02	1.65E-20
rs115569584	T	A	0.28	0.03	1.67E-20
rs532760706	T	C	0.3	0.03	1.67E-20
rs569191034	T	C	1.46	0.15	1.67E-20
rs77934825	A	T	0.37	0.04	1.68E-20
rs112897014	T	C	0.27	0.02	1.70E-20
rs76006974	G	A	0.27	0.02	1.70E-20
rs115390815	T	C	0.27	0.02	1.70E-20
rs111258376	C	T	0.27	0.02	1.70E-20
rs368104833	G	A	0.27	0.02	1.73E-20
rs150804381	T	C	0.27	0.02	1.73E-20
rs527793458	A	G	0.27	0.02	1.74E-20
rs190204879	G	A	0.37	0.03	1.75E-20
rs11892503	A	T	0.27	0.02	1.76E-20
rs73808756	C	T	0.19	0.02	1.76E-20
rs112036674	G	A	0.31	0.03	1.76E-20
rs187465907	G	A	0.28	0.03	1.79E-20
rs115834827	C	T	0.27	0.02	1.79E-20
rs575187557	G	T	0.28	0.03	1.81E-20
rs114213843	A	T	0.27	0.02	1.81E-20
rs73808764	T	G	0.19	0.02	1.82E-20
rs150442720	G	T	0.3	0.03	1.83E-20
rs141785808	C	T	0.28	0.03	1.83E-20
rs78655472	G	A	0.27	0.02	1.83E-20
rs113597117	G	C	0.27	0.02	1.85E-20
rs186438862	A	T	0.37	0.04	1.86E-20
rs4150433	A	C	0.34	0.03	1.89E-20
rs78895725	A	T	0.27	0.03	1.89E-20
rs185624605	T	C	0.06	0.0065633	1.90E-20
rs146390154	T	C	0.27	0.02	1.90E-20
rs192078740	A	G	0.27	0.02	1.90E-20
rs140058516	T	C	0.27	0.02	1.91E-20
rs138527353	T	C	0.27	0.02	1.92E-20
rs187534373	A	G	0.27	0.02	1.94E-20
rs191017639	A	G	0.29	0.03	1.94E-20
rs114932368	T	C	0.14	0.01	1.96E-20
rs144902693	A	C	0.27	0.02	1.97E-20



rs75118928	C	G	0.26	0.02	1.99E-20
rs73007784	G	A	0.27	0.02	2.01E-20
rs115398172	C	T	0.27	0.02	2.01E-20
rs142934334	T	C	0.3	0.03	2.02E-20
rs72999326	A	G	0.27	0.02	2.02E-20
rs144496487	T	C	0.27	0.03	2.04E-20
rs147325247	C	T	0.27	0.02	2.04E-20
rs113256491	C	T	0.09	0.0099353	2.05E-20
rs79928444	G	A	0.27	0.02	2.06E-20
rs111682593	G	A	0.27	0.02	2.07E-20
rs78430751	C	A	0.27	0.02	2.07E-20
rs138314126	T	C	0.25	0.02	2.09E-20
rs72999316	C	T	0.27	0.02	2.09E-20
rs12345097	G	A	0.14	0.01	2.12E-20
rs193251101	T	C	0.27	0.02	2.13E-20
rs115888436	T	C	0.27	0.02	2.14E-20
rs147873233	G	A	0.29	0.03	2.15E-20
rs577570533	T	C	0.12	0.01	2.17E-20
rs188224661	G	A	0.27	0.02	2.18E-20
rs115772772	A	T	0.27	0.02	2.18E-20
rs116319610	G	A	0.27	0.02	2.18E-20
rs140893968	G	C	0.27	0.02	2.18E-20
rs149597559	G	A	0.27	0.02	2.18E-20
rs140753568	T	C	0.32	0.03	2.19E-20
rs114674470	A	C	0.09	0.01	2.20E-20
rs113599513	T	C	0.32	0.03	2.24E-20
rs188155748	C	A	0.27	0.02	2.24E-20
rs181281697	T	C	0.54	0.05	2.24E-20
rs114003348	G	C	0.34	0.03	2.27E-20
rs112535787	G	A	0.27	0.02	2.30E-20
rs147950994	C	G	0.23	0.02	2.30E-20
rs565680925	T	C	0.27	0.02	2.32E-20
rs147459968	G	T	0.27	0.02	2.32E-20
rs201987333	A	T	0.22	0.02	2.34E-20
rs7675497	G	A	0.27	0.02	2.34E-20
rs111553612	A	G	0.27	0.02	2.34E-20
rs569828802	T	C	0.34	0.03	2.35E-20
rs182107572	G	C	0.27	0.02	2.35E-20
rs138367562	A	C	0.27	0.02	2.36E-20
rs115644622	A	G	0.27	0.02	2.37E-20
rs112535864	A	C	0.27	0.02	2.37E-20
rs144937698	G	A	0.21	0.02	2.38E-20
rs114320101	G	A	0.27	0.02	2.39E-20
rs28607146	C	A	0.28	0.03	2.39E-20
rs189655698	T	G	0.62	0.06	2.41E-20
rs10121979	T	A	0.13	0.01	2.41E-20
rs372073912	C	T	0.27	0.02	2.46E-20
rs192499653	G	C	0.27	0.02	2.47E-20
rs115322582	C	G	0.27	0.02	2.47E-20
rs140032926	T	C	0.27	0.02	2.48E-20
rs186543807	A	G	0.27	0.02	2.49E-20
rs6461302	A	G	0.13	0.01	2.50E-20
rs138875818	C	T	0.18	0.02	2.50E-20
rs59911272	C	A	0.27	0.03	2.50E-20
rs142450908	C	T	0.27	0.02	2.50E-20
rs557072055	G	A	0.27	0.02	2.51E-20
rs115699795	C	T	0.27	0.02	2.51E-20
rs186402581	A	G	0.27	0.02	2.51E-20
rs147632507	T	C	0.27	0.02	2.55E-20
rs144760237	C	T	0.27	0.02	2.55E-20
rs80242370	T	C	0.27	0.02	2.56E-20

rs146640403	G	A	1.63	0.17	2.56E-20
rs139759922	C	T	0.32	0.03	2.57E-20
rs114843991	G	T	0.36	0.03	2.57E-20
rs187345369	C	T	0.32	0.03	2.59E-20
rs141677395	C	A	0.27	0.03	2.60E-20
rs375913416	T	C	0.29	0.03	2.60E-20
rs115922099	G	A	0.27	0.02	2.61E-20
rs191616031	T	G	0.27	0.02	2.61E-20
rs114652244	T	C	0.27	0.02	2.65E-20
rs116319468	A	G	1.71	0.18	2.66E-20
rs571722381	T	C	0.27	0.02	2.69E-20
rs147763630	T	C	0.13	0.01	2.73E-20
rs188103784	C	G	0.18	0.01	2.75E-20
rs181372975	T	C	0.27	0.02	2.76E-20
rs148476362	A	G	0.11	0.01	2.76E-20
rs10033744	T	C	0.34	0.03	2.82E-20
rs9991463	G	C	0.34	0.03	2.82E-20
rs537665266	A	G	0.14	0.01	2.83E-20
rs145607147	T	C	0.25	0.02	2.83E-20
rs56097757	T	C	0.17	0.01	2.85E-20
rs115930560	T	C	0.28	0.03	2.87E-20
rs139042444	A	C	0.27	0.02	2.90E-20
rs61518679	G	C	0.13	0.01	2.90E-20
rs190714932	C	T	0.27	0.02	2.91E-20
rs116529244	G	T	0.26	0.02	2.91E-20
rs528906948	T	G	0.27	0.02	2.92E-20
rs193137126	A	T	0.18	0.02	2.92E-20
rs75712732	C	T	0.13	0.01	2.92E-20
rs188319573	T	C	0.24	0.02	2.94E-20
rs180950635	C	T	0.09	0.0099415	2.94E-20
rs144312811	T	G	3.5	0.38	2.94E-20
rs116004239	C	A	0.27	0.02	2.96E-20
rs562640705	T	C	0.27	0.02	2.99E-20
rs187808081	T	C	0.33	0.03	3.01E-20
rs142755637	A	G	0.27	0.03	3.02E-20
rs558514309	T	C	0.27	0.02	3.02E-20
rs144342126	G	A	0.19	0.02	3.03E-20
rs185533011	G	A	0.27	0.02	3.04E-20
rs544585688	A	G	0.27	0.02	3.05E-20
rs559859810	C	T	0.27	0.02	3.05E-20
rs563887554	C	T	0.27	0.02	3.12E-20
rs542279750	A	G	0.27	0.02	3.12E-20
rs372792159	T	C	0.32	0.03	3.13E-20
rs193194310	A	T	0.27	0.02	3.14E-20
rs192774601	T	G	0.14	0.01	3.16E-20
rs564935887	T	C	0.27	0.02	3.20E-20
rs55781816	G	A	0.28	0.03	3.21E-20
rs149901482	G	A	0.31	0.03	3.21E-20
rs138019663	T	C	0.27	0.02	3.23E-20
rs370793732	G	A	0.31	0.03	3.24E-20
rs140855825	T	C	0.25	0.02	3.24E-20
rs143502123	G	C	0.31	0.03	3.25E-20
rs114447750	C	A	0.66	0.07	3.25E-20
rs76737895	G	C	0.27	0.02	3.26E-20
rs139453685	C	G	0.1	0.01	3.30E-20
rs150485288	G	C	0.27	0.03	3.30E-20
rs569157913	C	A	0.26	0.02	3.30E-20
rs145988579	C	T	0.24	0.02	3.34E-20
rs149416015	A	C	0.27	0.03	3.35E-20
rs115134468	C	T	0.13	0.01	3.36E-20
rs576911454	A	G	0.19	0.02	3.36E-20

rs116395054	A	G	0.27	0.02	3.39E-20
rs185546164	T	C	0.27	0.02	3.39E-20
rs189404384	A	G	0.26	0.02	3.43E-20
rs527925770	T	C	0.71	0.07	3.45E-20
rs151224917	T	C	0.27	0.02	3.45E-20
rs116102584	G	T	0.27	0.03	3.47E-20
rs189892840	A	T	0.27	0.03	3.51E-20
rs532854943	T	C	0.33	0.03	3.52E-20
rs576477771	T	C	0.26	0.02	3.53E-20
rs150519925	A	G	0.28	0.03	3.53E-20
rs147402156	G	A	0.27	0.02	3.53E-20
rs555904164	T	C	0.26	0.02	3.54E-20
rs115337914	C	T	0.27	0.02	3.56E-20
rs137910659	C	A	0.16	0.01	3.58E-20
rs116367072	T	C	0.26	0.02	3.58E-20
rs190047519	C	T	0.34	0.03	3.64E-20
rs188324304	T	G	0.13	0.01	3.64E-20
rs139813286	C	T	0.15	0.01	3.65E-20
rs73855352	G	A	0.27	0.02	3.65E-20
rs538225763	G	A	0.27	0.02	3.66E-20
rs111829780	T	C	0.27	0.02	3.68E-20
rs181997393	A	G	0.27	0.02	3.68E-20
rs143743980	T	C	0.26	0.02	3.69E-20
rs546437905	T	G	0.28	0.03	3.69E-20
rs533014004	C	T	0.11	0.01	3.70E-20
rs143314831	T	G	0.27	0.02	3.71E-20
rs181491428	G	C	0.37	0.04	3.73E-20
rs192599141	A	G	0.26	0.02	3.73E-20
rs10006821	T	A	0.34	0.03	3.76E-20
rs191786180	A	G	2.25	0.24	3.77E-20
rs538892599	T	C	2.25	0.24	3.77E-20
rs187354905	A	G	0.07	0.0077285	3.82E-20
rs549438941	C	T	0.27	0.02	3.82E-20
rs144288385	A	G	0.27	0.02	3.83E-20
rs147320066	C	T	0.26	0.02	3.87E-20
rs150263120	G	A	0.13	0.01	3.87E-20
rs73808755	G	A	0.19	0.02	3.89E-20
rs188881761	T	C	0.27	0.02	3.90E-20
rs28506895	T	C	0.13	0.01	3.91E-20
rs574870508	T	C	0.33	0.03	3.91E-20
rs186906030	C	T	0.4	0.04	3.92E-20
rs115234669	A	G	0.26	0.02	3.94E-20
rs114753240	C	A	0.27	0.02	3.95E-20
rs143633290	A	G	0.27	0.02	3.96E-20
rs189004562	A	C	0.21	0.02	3.96E-20
rs114417929	C	T	0.19	0.02	3.99E-20
rs554167581	T	C	0.56	0.06	4.07E-20
rs559856054	G	C	0.26	0.02	4.09E-20
rs574847221	T	A	0.28	0.03	4.11E-20
rs141427983	G	A	0.23	0.02	4.16E-20
rs186025211	G	T	0.29	0.03	4.17E-20
rs543202485	A	C	0.26	0.02	4.17E-20
rs114599523	C	T	0.27	0.02	4.22E-20
rs116016910	T	A	0.13	0.01	4.23E-20
rs575996544	C	T	0.26	0.02	4.25E-20
rs148014302	C	T	0.27	0.03	4.25E-20
rs77899499	T	C	0.28	0.03	4.27E-20
rs10114533	C	T	0.13	0.01	4.27E-20
rs79652426	A	C	0.15	0.01	4.29E-20
rs145157214	C	T	0.27	0.03	4.31E-20
rs185220201	T	A	0.25	0.02	4.31E-20

rs139414392	A	C	0.26	0.02	4.31E-20
rs186177677	A	G	0.27	0.03	4.32E-20
rs78177117	G	A	0.27	0.02	4.34E-20
rs532169661	A	G	0.28	0.03	4.36E-20
rs373406506	A	G	0.39	0.04	4.40E-20
rs578211746	T	C	0.27	0.02	4.41E-20
rs147937801	T	A	0.27	0.03	4.41E-20
rs116339160	A	G	0.27	0.03	4.44E-20
rs116520503	T	C	0.26	0.02	4.46E-20
rs533638950	C	A	0.3	0.03	4.46E-20
rs551088900	C	T	0.3	0.03	4.49E-20
rs150257200	T	C	0.26	0.02	4.54E-20
rs138970777	C	T	0.26	0.02	4.55E-20
rs139938672	G	C	0.19	0.02	4.55E-20
rs149408014	T	C	0.26	0.02	4.57E-20
rs140128605	T	C	0.18	0.01	4.59E-20
rs528339714	G	C	0.26	0.02	4.61E-20
rs190441300	T	C	0.18	0.02	4.62E-20
rs115486835	A	T	0.26	0.02	4.65E-20
rs146747545	A	G	0.26	0.02	4.65E-20
rs58912615	C	A	0.17	0.01	4.65E-20
rs77351747	G	A	0.26	0.02	4.66E-20
rs141768488	G	A	0.27	0.02	4.71E-20
rs185719218	A	G	0.27	0.02	4.74E-20
rs117901803	T	C	1.18	0.12	4.74E-20
rs143322272	A	G	0.16	0.01	4.76E-20
rs188797366	T	C	0.27	0.02	4.78E-20
rs74923985	A	G	0.31	0.03	4.79E-20
rs527401848	T	G	0.27	0.02	4.79E-20
rs527487792	A	G	0.27	0.02	4.82E-20
rs145830839	G	A	0.13	0.01	4.84E-20
rs3777191	G	A	0.33	0.03	4.85E-20
rs565204397	A	G	0.26	0.02	4.85E-20
rs180970668	G	C	0.25	0.02	4.86E-20
rs568335656	G	C	0.27	0.02	4.86E-20
rs181700924	A	T	0.41	0.04	4.86E-20
rs114936417	A	G	0.69	0.07	4.90E-20
rs537797831	G	A	0.27	0.02	4.94E-20
rs571160514	A	G	0.27	0.02	4.95E-20
rs539386864	A	G	0.3	0.03	4.96E-20
rs551354193	T	C	0.27	0.02	4.97E-20
rs376245998	G	C	0.33	0.03	4.99E-20
rs139862067	C	G	0.27	0.02	5.01E-20
rs144705337	T	C	0.15	0.01	5.02E-20
rs181354790	C	T	0.26	0.02	5.02E-20
rs55887644	T	C	0.19	0.02	5.04E-20
rs186635283	C	G	0.14	0.01	5.04E-20
rs540431970	C	G	0.17	0.01	5.05E-20
rs370443586	T	C	0.26	0.02	5.06E-20
rs115595581	T	G	0.19	0.02	5.07E-20
rs556874989	G	C	0.27	0.02	5.07E-20
rs72991760	C	T	0.26	0.02	5.07E-20
rs115776105	T	C	0.26	0.02	5.08E-20
rs144288966	G	A	0.09	0.01	5.11E-20
rs77154309	A	G	0.27	0.02	5.15E-20
rs140832984	A	G	0.28	0.03	5.20E-20
rs141742769	G	T	0.33	0.03	5.20E-20
rs115975344	T	A	0.07	0.0078056	5.21E-20
rs374169276	C	T	0.29	0.03	5.27E-20
rs145673902	C	A	0.24	0.02	5.32E-20
rs73357629	A	G	0.33	0.03	5.34E-20

rs187418558	C	A	0.26	0.02	5.34E-20
rs145085823	A	C	0.24	0.02	5.36E-20
rs150104936	C	G	0.29	0.03	5.37E-20
rs145551699	T	C	0.26	0.02	5.41E-20
rs149792365	G	A	0.32	0.03	5.43E-20
rs147264555	A	G	0.28	0.03	5.43E-20
rs151224801	T	G	0.27	0.02	5.45E-20
rs2279505	C	T	0.26	0.02	5.46E-20
rs148359288	C	A	0.26	0.02	5.46E-20
rs566465754	C	A	0.29	0.03	5.47E-20
rs191238788	C	T	0.29	0.03	5.47E-20
rs73656145	G	C	0.29	0.03	5.52E-20
rs145066246	C	T	0.26	0.02	5.56E-20
rs73936892	C	G	0.28	0.03	5.57E-20
rs141957390	T	C	0.14	0.01	5.58E-20
rs569812965	T	G	0.26	0.02	5.64E-20
rs564951231	A	C	0.26	0.02	5.64E-20
rs189794229	G	A	0.66	0.07	5.66E-20
rs143534452	A	T	0.26	0.02	5.68E-20
rs74916369	T	C	0.25	0.02	5.70E-20
rs150799420	A	G	0.27	0.02	5.71E-20
rs188618086	G	C	0.27	0.02	5.72E-20
rs145413872	G	A	0.26	0.02	5.76E-20
rs142704756	T	C	0.27	0.02	5.78E-20
rs146953235	A	G	0.26	0.02	5.90E-20
rs148008702	G	T	0.27	0.03	5.91E-20
rs115908222	T	C	0.26	0.02	5.91E-20
rs149710689	A	C	0.26	0.02	5.92E-20
rs150196814	G	A	0.27	0.02	5.96E-20
rs116308350	C	T	0.3	0.03	5.98E-20
rs59347770	T	C	0.26	0.02	5.99E-20
rs369323751	C	T	0.26	0.02	6.02E-20
rs112105472	G	T	0.26	0.02	6.03E-20
rs375473076	T	G	0.33	0.03	6.03E-20
rs146544988	A	G	0.28	0.03	6.06E-20
rs75470036	G	A	0.18	0.02	6.11E-20
rs139136872	T	C	0.13	0.01	6.13E-20
rs116750051	T	C	0.08	0.009838	6.19E-20
rs569688340	C	A	0.3	0.03	6.21E-20
rs536977699	T	A	0.24	0.02	6.21E-20
rs10962452	C	T	0.13	0.01	6.26E-20
rs139573118	T	C	0.26	0.02	6.29E-20
rs531022486	T	G	0.27	0.03	6.33E-20
rs116688809	T	C	0.28	0.03	6.35E-20
rs549619757	T	C	0.53	0.05	6.36E-20
rs527288124	C	T	0.26	0.02	6.39E-20
rs560353172	G	T	0.27	0.02	6.40E-20
rs188833874	C	T	0.26	0.02	6.44E-20
rs192133770	T	G	0.26	0.02	6.44E-20
rs114136566	A	G	0.26	0.02	6.44E-20
rs186716846	T	C	0.26	0.02	6.53E-20
rs536480304	T	C	0.32	0.03	6.54E-20
rs186441312	A	T	0.26	0.02	6.58E-20
rs73667840	C	T	0.14	0.01	6.59E-20
rs551846043	G	A	0.24	0.02	6.63E-20
rs77051717	T	C	0.13	0.01	6.65E-20
rs148045809	T	C	0.33	0.03	6.66E-20
rs530205008	C	A	0.28	0.03	6.67E-20
rs189093373	T	C	0.26	0.02	6.77E-20
rs143258012	T	C	0.26	0.02	6.80E-20
rs28553381	G	A	0.29	0.03	6.81E-20

rs113672182	T	C	0.4	0.04	6.84E-20
rs116458909	T	C	0.26	0.02	6.93E-20
rs115853800	C	A	0.27	0.02	6.99E-20
rs558801230	A	C	0.25	0.02	7.01E-20
rs181007205	A	G	0.22	0.02	7.03E-20
rs545550608	T	G	0.26	0.02	7.04E-20
rs150634422	C	T	0.26	0.02	7.05E-20
rs367914842	G	T	0.27	0.03	7.13E-20
rs60484777	A	G	0.26	0.02	7.13E-20
rs192469184	G	A	1.79	0.19	7.14E-20
rs139382192	T	A	0.43	0.04	7.14E-20
rs188528144	C	T	0.24	0.02	7.20E-20
rs557353119	G	A	0.28	0.03	7.21E-20
rs116219030	T	C	0.29	0.03	7.24E-20
rs141078895	C	T	0.13	0.01	7.24E-20
rs115563397	C	G	0.38	0.04	7.26E-20
rs150564303	C	T	0.27	0.02	7.26E-20
rs78262435	G	C	0.28	0.03	7.28E-20
rs142608010	C	G	0.26	0.02	7.30E-20
rs112677905	G	A	0.35	0.03	7.41E-20
rs531910242	A	G	0.27	0.02	7.50E-20
rs114779002	G	C	0.27	0.02	7.53E-20
rs534738655	T	C	0.4	0.04	7.55E-20
rs115055126	A	G	0.09	0.01	7.56E-20
rs571221187	C	G	0.43	0.04	7.67E-20
rs28394247	G	T	0.29	0.03	7.75E-20
rs114122242	A	G	0.13	0.01	7.77E-20
rs182932624	T	C	0.18	0.02	7.78E-20
rs544515423	A	G	0.18	0.02	7.78E-20
rs368874098	C	G	0.27	0.03	7.88E-20
rs7001859	A	G	0.27	0.03	7.89E-20
rs190673807	A	G	0.17	0.01	7.92E-20
rs553724124	A	T	0.22	0.02	7.96E-20
rs115416534	T	C	0.23	0.02	7.97E-20
rs139191276	A	G	0.24	0.02	7.98E-20
rs538725132	G	A	0.26	0.02	7.99E-20
rs534859167	A	G	0.26	0.02	7.99E-20
rs528760899	A	C	0.26	0.02	7.99E-20
rs564596443	G	A	0.26	0.02	7.99E-20
rs553734807	T	C	0.26	0.02	7.99E-20
rs529526599	C	T	0.26	0.02	7.99E-20
rs568054243	C	A	0.26	0.02	7.99E-20
rs557967468	G	T	0.26	0.02	7.99E-20
rs545289354	G	A	0.26	0.02	7.99E-20
rs533231742	T	A	0.26	0.02	7.99E-20
rs541190758	A	G	0.26	0.02	7.99E-20
rs577067757	A	T	0.26	0.02	7.99E-20
rs550891049	A	G	0.26	0.02	7.99E-20
rs570096007	C	T	0.26	0.02	7.99E-20
rs146366076	G	A	0.21	0.02	7.99E-20
rs111964221	G	A	0.27	0.03	8.12E-20
rs57191022	C	A	0.26	0.02	8.14E-20
rs115147440	T	C	0.26	0.02	8.16E-20
rs184501074	G	T	0.29	0.03	8.21E-20
rs183818553	T	G	0.23	0.02	8.23E-20
rs539895992	A	G	0.14	0.01	8.25E-20
rs145639738	T	G	0.33	0.03	8.35E-20
rs367715305	T	C	0.37	0.04	8.36E-20
rs577242919	C	G	0.27	0.03	8.37E-20
rs182343288	A	G	0.49	0.05	8.39E-20
rs549626967	G	T	0.14	0.01	8.45E-20

rs141488756	A	G	0.26	0.02	8.46E-20
rs146633151	A	T	0.26	0.02	8.47E-20
rs185491955	G	A	0.26	0.02	8.48E-20
rs76464952	C	A	0.3	0.03	8.52E-20
rs73096827	G	A	0.26	0.02	8.54E-20
rs79757393	A	G	0.26	0.02	8.55E-20
rs145875804	G	A	0.08	0.0097409	8.58E-20
rs114499071	T	C	0.13	0.01	8.58E-20
rs189927578	G	A	0.35	0.03	8.59E-20
rs139072056	T	C	0.25	0.02	8.64E-20
rs146688986	T	G	0.32	0.03	8.67E-20
rs114147502	A	G	0.26	0.02	8.69E-20
rs17120037	T	C	0.24	0.02	8.71E-20
rs186353220	A	G	0.27	0.02	8.72E-20
rs145529939	T	C	0.26	0.02	8.78E-20
rs148278463	T	A	0.26	0.02	8.84E-20
rs115905660	T	C	2.74	0.3	8.89E-20
rs73096811	T	G	0.26	0.02	8.90E-20
rs73096816	T	A	0.26	0.02	8.90E-20
rs537239979	C	T	0.24	0.02	8.92E-20
rs138640475	T	C	0.26	0.02	8.93E-20
rs111437871	A	G	0.14	0.01	8.99E-20
rs73095018	C	T	0.28	0.03	9.03E-20
rs559233922	G	T	0.26	0.02	9.08E-20
rs538479724	G	A	0.26	0.02	9.08E-20
rs537415632	T	C	0.26	0.02	9.08E-20
rs111358043	C	T	0.14	0.01	9.10E-20
rs529385276	T	C	0.26	0.02	9.13E-20
rs114567814	A	G	0.19	0.02	9.17E-20
rs73102981	G	A	0.14	0.01	9.19E-20
rs567828671	C	G	0.24	0.02	9.27E-20
rs564610090	C	T	0.33	0.03	9.40E-20
rs13414106	A	G	0.2	0.02	9.43E-20
rs111643721	G	C	0.26	0.02	9.49E-20
rs116532883	T	C	0.26	0.02	9.57E-20
rs143011755	G	A	0.26	0.02	9.60E-20
rs371577655	G	T	0.26	0.02	9.61E-20
rs116710588	G	A	0.37	0.04	9.61E-20
rs540062105	G	A	0.26	0.02	9.65E-20
rs574139630	A	G	0.26	0.02	9.65E-20
rs575729501	T	C	0.26	0.02	9.65E-20
rs181111308	A	C	0.29	0.03	9.67E-20
rs114540366	C	A	0.26	0.02	9.68E-20
rs189726665	A	G	0.26	0.02	9.69E-20
rs150513366	A	G	0.41	0.04	9.69E-20
rs149014501	A	C	0.26	0.02	9.70E-20
rs144576997	A	G	0.26	0.02	9.75E-20
rs139565878	A	G	0.26	0.02	9.77E-20
rs57294564	T	C	0.28	0.03	9.79E-20
rs80125199	A	C	0.25	0.02	9.80E-20
rs568005229	A	C	0.26	0.02	9.81E-20
rs528227429	T	C	0.24	0.02	1.00E-19
rs149220782	T	C	0.26	0.02	1.01E-19
rs573300748	A	C	0.28	0.03	1.01E-19
rs144011170	G	C	8.65	0.95	1.01E-19
rs372266147	T	C	0.26	0.02	1.02E-19
rs114932795	A	G	0.26	0.02	1.02E-19
rs201777566	A	G	0.26	0.02	1.03E-19
rs569745374	C	T	0.26	0.02	1.03E-19
rs116243645	T	C	0.26	0.02	1.03E-19
rs184230596	G	T	0.26	0.02	1.03E-19

1:172141293_G_A	A	G	0.13	0.01	1.03E-19
rs373858743	G	T	0.25	0.02	1.04E-19
rs114733487	A	G	0.26	0.02	1.04E-19
rs566618600	C	G	2.03	0.22	1.07E-19
rs74717458	C	A	0.14	0.01	1.07E-19
rs78080748	C	T	0.13	0.01	1.08E-19
rs564393112	G	A	0.13	0.01	1.08E-19
rs549651115	C	T	0.32	0.03	1.08E-19
rs560459500	G	A	0.27	0.03	1.09E-19
rs186896706	C	T	0.44	0.04	1.09E-19
rs565850441	C	T	0.26	0.02	1.10E-19
rs565385658	G	A	0.26	0.02	1.10E-19
rs561226802	C	T	0.26	0.02	1.10E-19
rs148277166	A	C	0.37	0.04	1.11E-19
rs142865798	G	A	0.17	0.01	1.12E-19
rs551281614	A	G	0.26	0.02	1.13E-19
rs115612055	T	G	0.26	0.02	1.13E-19
rs559977180	G	A	0.26	0.02	1.14E-19
rs544135068	A	C	0.13	0.01	1.14E-19
rs574309970	C	T	0.27	0.02	1.15E-19
rs147198626	C	G	0.26	0.02	1.15E-19
rs147902990	A	G	0.18	0.02	1.15E-19
rs76298305	T	C	0.28	0.03	1.16E-19
rs138195562	T	G	0.28	0.03	1.16E-19
rs190785274	T	A	0.86	0.09	1.17E-19
rs148932704	T	C	0.27	0.03	1.17E-19
rs114008811	T	A	0.37	0.04	1.17E-19
rs114758120	T	C	0.77	0.08	1.18E-19
rs79224345	A	G	0.26	0.02	1.20E-19
rs79626705	G	T	0.26	0.02	1.20E-19
rs536340469	G	C	0.26	0.02	1.20E-19
rs183852511	C	T	0.28	0.03	1.21E-19
rs116419720	G	C	0.26	0.02	1.21E-19
rs75659941	T	C	0.26	0.02	1.22E-19
rs561733496	A	G	0.28	0.03	1.22E-19
rs571990224	C	A	0.26	0.02	1.23E-19
rs76522126	C	A	0.09	0.01	1.24E-19
rs188305653	T	C	0.26	0.02	1.24E-19
rs566536478	A	G	0.26	0.02	1.25E-19
rs141494408	C	T	0.24	0.02	1.27E-19
rs186360227	A	G	0.15	0.01	1.27E-19
rs540999200	A	G	0.26	0.02	1.28E-19
rs561481727	G	A	0.26	0.02	1.28E-19
rs547754960	T	C	0.26	0.02	1.28E-19
rs114959946	C	G	0.14	0.01	1.28E-19
rs532238930	A	G	0.27	0.02	1.28E-19
rs561885956	A	T	0.26	0.02	1.28E-19
rs141048002	T	A	0.27	0.02	1.29E-19
rs369911265	A	T	0.35	0.03	1.30E-19
rs567683738	T	G	0.46	0.05	1.31E-19
rs528608007	T	C	0.26	0.02	1.33E-19
rs77479849	G	T	0.17	0.01	1.34E-19
rs76023450	G	A	0.26	0.02	1.35E-19
rs144141455	A	T	0.2	0.02	1.35E-19
rs75105595	C	T	0.27	0.03	1.35E-19
rs77394509	C	A	0.27	0.03	1.35E-19
rs184723981	C	G	0.27	0.03	1.36E-19
rs150950839	T	C	0.27	0.03	1.36E-19
rs148845508	A	G	0.26	0.02	1.36E-19
rs530176223	G	A	0.36	0.04	1.37E-19
rs752830439	A	G	0.06	0.0076449	1.37E-19



rs147497231	A	G	0.36	0.04	1.38E-19
rs527861441	C	G	0.36	0.04	1.38E-19
rs139386046	T	C	0.26	0.02	1.38E-19
rs149125875	T	C	0.28	0.03	1.39E-19
rs13406070	A	G	0.28	0.03	1.40E-19
rs180859828	C	T	0.29	0.03	1.40E-19
rs79753800	G	A	0.25	0.02	1.40E-19
rs555880825	C	T	0.25	0.02	1.41E-19
rs141876260	C	T	0.28	0.03	1.41E-19
rs193128898	A	C	0.71	0.07	1.42E-19
rs557610754	G	C	0.26	0.02	1.42E-19
rs191381696	A	T	0.36	0.04	1.42E-19
rs28729503	T	G	0.28	0.03	1.42E-19
rs188141100	T	C	0.26	0.02	1.43E-19
rs559011207	C	T	0.26	0.02	1.46E-19
rs556043779	C	G	0.26	0.02	1.46E-19
rs577808158	C	G	0.26	0.02	1.46E-19
rs549792890	A	G	0.26	0.02	1.46E-19
rs576479514	T	C	0.26	0.02	1.46E-19
rs140930059	T	C	0.26	0.02	1.46E-19
rs77019983	A	G	0.08	0.0096922	1.46E-19
rs148031590	A	G	0.26	0.02	1.46E-19
rs114658271	T	C	0.25	0.02	1.46E-19
rs116099081	C	A	0.26	0.02	1.48E-19
rs114164562	G	C	0.25	0.02	1.50E-19
rs187612228	T	G	0.26	0.02	1.50E-19
rs117256710	A	G	0.18	0.02	1.53E-19
rs139457129	G	A	0.28	0.03	1.53E-19
rs548876966	A	G	0.3	0.03	1.53E-19
rs79796642	A	G	0.27	0.03	1.53E-19
rs143076005	T	G	0.08	0.0096671	1.54E-19
rs144929842	A	G	0.25	0.02	1.55E-19
rs185867827	A	G	0.26	0.02	1.56E-19
rs531193239	A	G	0.26	0.02	1.56E-19
rs116143332	A	C	0.29	0.03	1.58E-19
rs192116066	C	T	0.13	0.01	1.58E-19
rs141609893	T	C	0.26	0.02	1.61E-19
rs143438245	T	C	0.25	0.02	1.61E-19
rs75656588	C	T	1.26	0.13	1.61E-19
rs557884698	A	G	0.29	0.03	1.61E-19
rs187760115	G	T	0.22	0.02	1.61E-19
rs185362437	T	C	0.42	0.04	1.61E-19
rs143671562	C	A	0.26	0.02	1.62E-19
rs143930498	T	G	0.26	0.02	1.62E-19
rs375637729	C	T	0.26	0.02	1.63E-19
rs115180027	A	C	0.26	0.02	1.63E-19
rs184496144	C	A	0.26	0.02	1.64E-19
rs77313537	G	T	0.18	0.02	1.64E-19
rs142454167	G	A	0.23	0.02	1.64E-19
rs189529353	G	A	0.26	0.02	1.65E-19
rs143900882	G	C	0.05	0.0061035	1.65E-19
rs566048921	C	A	0.39	0.04	1.65E-19
rs530281111	G	A	0.39	0.04	1.67E-19
rs561339577	T	C	0.25	0.02	1.68E-19
rs192208087	G	A	0.26	0.02	1.69E-19
rs114812498	C	T	0.25	0.02	1.69E-19
rs73948912	G	A	0.3	0.03	1.69E-19
rs562320966	C	T	0.28	0.03	1.69E-19
rs139096732	A	G	0.52	0.05	1.71E-19
rs540946048	C	A	0.27	0.03	1.71E-19
rs75216182	C	T	0.13	0.01	1.75E-19

rs150161402	C	T	0.26	0.02	1.76E-19
rs561827069	G	A	0.25	0.02	1.77E-19
rs180873171	G	T	1.06	0.11	1.77E-19
rs183414615	T	C	0.26	0.02	1.82E-19
rs73940537	T	A	0.25	0.02	1.82E-19
rs147452599	T	C	0.24	0.02	1.83E-19
rs73007753	A	G	0.26	0.02	1.83E-19
rs16833939	C	T	0.26	0.02	1.83E-19
rs138764560	C	T	0.15	0.01	1.84E-19
rs149614615	A	C	0.35	0.03	1.84E-19
rs139001988	G	C	0.25	0.02	1.84E-19
rs551468305	A	G	0.26	0.02	1.86E-19
rs544013498	C	G	0.26	0.02	1.87E-19
rs546914961	A	G	0.15	0.01	1.88E-19
rs147735398	G	A	0.26	0.02	1.88E-19
rs115032795	G	A	0.28	0.03	1.88E-19
rs539847616	T	C	0.25	0.02	1.89E-19
rs188943088	T	C	0.52	0.05	1.89E-19
rs192159314	T	C	0.26	0.02	1.90E-19
rs549693754	G	T	0.26	0.02	1.92E-19
rs116487122	T	C	0.13	0.01	1.92E-19
rs142067889	T	C	0.14	0.01	1.92E-19
rs115902945	A	G	0.3	0.03	1.92E-19
rs182037399	T	G	0.26	0.02	1.93E-19
rs78600188	G	A	0.13	0.01	1.94E-19
rs185785292	T	C	0.26	0.02	1.95E-19
rs541206311	T	C	0.26	0.02	1.96E-19
rs150836109	G	A	0.26	0.02	1.96E-19
rs142749491	A	C	0.27	0.03	1.96E-19
rs142481112	T	A	0.25	0.02	1.96E-19
rs190013153	G	A	0.26	0.02	1.97E-19
rs370724780	A	G	0.26	0.02	1.97E-19
rs145950951	C	G	0.29	0.03	1.98E-19
rs187538907	T	G	0.26	0.02	1.98E-19
rs114492481	A	G	0.26	0.02	1.99E-19
rs557804128	G	A	0.25	0.02	2.00E-19
rs190461832	C	T	0.26	0.02	2.00E-19
rs547168156	G	A	0.35	0.03	2.01E-19
rs151098663	T	G	0.16	0.01	2.03E-19
rs191396736	G	A	0.27	0.03	2.03E-19
rs142573802	T	C	0.24	0.02	2.04E-19
rs146627178	C	A	0.28	0.03	2.05E-19
rs139101520	A	C	0.24	0.02	2.05E-19
rs151078766	T	C	0.12	0.01	2.06E-19
rs190752500	A	G	0.26	0.02	2.07E-19
rs78401611	T	A	0.28	0.03	2.08E-19
rs190597974	G	A	0.26	0.02	2.08E-19
rs146059550	G	C	0.27	0.03	2.09E-19
rs188172024	G	A	0.96	0.1	2.10E-19
rs182549628	T	C	0.26	0.02	2.12E-19
rs185793830	T	C	0.29	0.03	2.12E-19
rs145573429	G	A	0.15	0.01	2.13E-19
rs142212099	T	G	0.25	0.02	2.13E-19
rs545544241	C	T	0.26	0.02	2.15E-19
rs190504251	A	G	0.26	0.02	2.15E-19
rs570395779	G	A	0.25	0.02	2.15E-19
rs115820802	G	A	0.14	0.01	2.17E-19
rs73102983	C	T	0.13	0.01	2.17E-19
rs563370492	G	A	0.26	0.02	2.18E-19
rs557103115	T	C	0.39	0.04	2.18E-19
rs75938315	A	G	0.25	0.02	2.18E-19

rs188528210	G	A	0.26	0.02	2.19E-19
rs4312816	G	A	1.44	0.16	2.19E-19
rs571037859	C	G	0.26	0.02	2.20E-19
rs146832145	A	G	0.27	0.03	2.21E-19
rs138812201	T	C	0.1	0.01	2.22E-19
rs547647965	G	T	0.25	0.02	2.23E-19
rs143085605	T	C	0.26	0.02	2.26E-19
rs146933705	G	A	0.26	0.02	2.26E-19
rs151336536	A	G	0.25	0.02	2.27E-19
rs182226393	A	T	1.03	0.11	2.28E-19
rs148704226	A	C	0.26	0.02	2.29E-19
rs183784312	G	C	0.63	0.07	2.29E-19
rs7647799	G	A	0.25	0.02	2.30E-19
rs568561863	T	G	0.24	0.02	2.30E-19
rs180690493	T	A	0.37	0.04	2.32E-19
rs575385944	G	T	0.3	0.03	2.33E-19
rs116094332	C	T	0.25	0.02	2.34E-19
rs118157544	C	G	0.16	0.01	2.34E-19
rs147534537	T	G	0.25	0.02	2.36E-19
rs569160255	A	G	0.26	0.02	2.36E-19
rs572749143	T	C	0.25	0.02	2.37E-19
rs534242289	G	A	0.25	0.02	2.37E-19
rs144605712	C	A	0.24	0.02	2.38E-19
rs190196609	G	A	0.35	0.03	2.39E-19
rs138179160	T	C	0.25	0.02	2.39E-19
rs544221972	A	G	0.25	0.02	2.40E-19
rs566690677	C	T	0.25	0.02	2.40E-19
rs549462453	A	G	0.25	0.02	2.40E-19
rs551872996	C	T	0.25	0.02	2.40E-19
rs539826672	T	G	0.25	0.02	2.40E-19
rs535093452	G	T	0.25	0.02	2.40E-19
rs2068082	C	A	0.25	0.02	2.40E-19
rs556856261	A	G	0.25	0.02	2.40E-19
rs16844564	T	C	0.24	0.02	2.41E-19
rs533224483	G	A	0.82	0.09	2.41E-19
rs78157806	G	A	0.25	0.02	2.41E-19
rs527279383	A	G	0.09	0.01	2.42E-19
rs141671253	C	T	0.34	0.03	2.42E-19
rs200529939	A	C	0.09	0.01	2.43E-19
rs72989233	A	G	0.13	0.01	2.43E-19
rs117413199	C	T	0.33	0.03	2.44E-19
rs189283687	T	C	0.25	0.02	2.44E-19
rs138623575	A	G	0.24	0.02	2.47E-19
rs143475475	C	A	0.26	0.02	2.49E-19
rs117418007	T	C	0.21	0.02	2.49E-19
rs562519374	A	G	0.27	0.03	2.49E-19
rs10204542	T	C	0.13	0.01	2.50E-19
rs556626256	C	T	0.25	0.02	2.51E-19
rs531798560	A	C	0.25	0.02	2.51E-19
rs566389883	A	G	0.25	0.02	2.51E-19
rs141698215	T	A	0.26	0.02	2.51E-19
rs10172067	C	T	0.13	0.01	2.51E-19
rs115819219	A	G	0.22	0.02	2.52E-19
rs568733832	A	G	0.29	0.03	2.54E-19
rs189167453	T	G	0.33	0.03	2.54E-19
rs151144556	T	C	0.27	0.03	2.56E-19
rs151139770	C	T	0.25	0.02	2.58E-19
rs79986423	A	T	0.43	0.04	2.58E-19
rs117778248	T	C	0.43	0.04	2.58E-19
rs187399272	C	G	0.26	0.02	2.59E-19
rs115023177	T	C	0.51	0.05	2.61E-19

rs377375560	G	A	0.09	0.01	2.66E-19
rs115230293	T	A	0.27	0.03	2.67E-19
rs182787840	G	T	0.25	0.02	2.69E-19
rs146700106	C	G	0.26	0.02	2.70E-19
rs146874391	A	G	0.26	0.02	2.72E-19
rs149659540	G	A	0.29	0.03	2.73E-19
rs115128094	A	C	0.25	0.02	2.77E-19
rs542024753	C	T	0.29	0.03	2.79E-19
rs181922694	A	G	0.25	0.02	2.80E-19
rs144936677	C	T	0.26	0.02	2.80E-19
rs143586688	A	G	0.19	0.02	2.83E-19
rs73412309	G	A	0.25	0.02	2.83E-19
rs146756290	C	G	0.26	0.02	2.86E-19
rs147734072	G	A	1.93	0.21	2.86E-19
rs114278171	G	A	0.26	0.02	2.86E-19
rs184318767	T	C	0.25	0.02	2.89E-19
rs74786901	A	G	0.25	0.02	2.90E-19
rs28434590	C	T	0.25	0.02	2.91E-19
rs13385566	A	T	0.13	0.01	2.91E-19
rs534319576	A	G	0.25	0.02	2.92E-19
rs191048806	A	G	0.26	0.02	2.92E-19
rs115265894	C	T	0.25	0.02	2.93E-19
rs142142197	C	T	0.17	0.01	2.94E-19
rs114750086	C	T	0.26	0.02	2.94E-19
rs139330163	C	G	0.27	0.03	2.94E-19
rs181513869	T	C	0.07	0.0079272	2.95E-19
rs190664239	T	A	0.25	0.02	2.96E-19
rs73808751	A	G	0.19	0.02	2.98E-19
rs112551893	C	T	0.25	0.02	2.98E-19
rs145525714	C	T	0.25	0.02	2.98E-19
rs115639174	C	T	0.26	0.02	3.00E-19
rs181914871	A	C	0.23	0.02	3.01E-19
rs149134198	A	G	1.37	0.15	3.01E-19
rs538940771	C	T	0.3	0.03	3.02E-19
rs549468319	G	A	0.25	0.02	3.03E-19
rs371526682	T	G	0.25	0.02	3.03E-19
rs370112726	C	A	0.23	0.02	3.03E-19
rs191049892	T	A	0.21	0.02	3.08E-19
rs562180824	C	T	0.29	0.03	3.08E-19
rs139256027	A	G	0.26	0.02	3.12E-19
rs141126808	A	C	0.25	0.02	3.14E-19
rs571190480	G	C	0.26	0.02	3.14E-19
rs10122800	C	G	0.28	0.03	3.20E-19
rs140223085	G	A	0.24	0.02	3.20E-19
rs139921935	A	G	0.19	0.02	3.21E-19
rs370060222	T	C	0.71	0.07	3.21E-19
rs116449872	C	T	0.26	0.02	3.21E-19
rs188163182	C	T	0.28	0.03	3.22E-19
rs116676014	C	T	0.25	0.02	3.25E-19
rs6942168	C	T	0.25	0.02	3.31E-19
rs193108828	G	A	0.25	0.02	3.32E-19
rs114823563	G	T	0.25	0.02	3.32E-19
rs77095063	T	C	0.13	0.01	3.37E-19
rs115754111	T	C	0.35	0.03	3.39E-19
rs115226549	C	T	0.37	0.04	3.39E-19
rs568075207	A	C	0.26	0.02	3.39E-19
rs563921469	A	G	0.52	0.05	3.40E-19
rs116546774	A	G	0.26	0.02	3.43E-19
rs111488751	C	T	2.17	0.24	3.51E-19
rs189840241	G	A	0.28	0.03	3.54E-19
rs186678831	G	C	0.25	0.02	3.54E-19

rs372578681	A	G	0.26	0.02	3.54E-19
rs61522633	C	T	0.25	0.02	3.55E-19
rs78750216	G	A	0.25	0.02	3.56E-19
rs78876487	T	C	0.25	0.02	3.56E-19
rs14488831	G	A	0.26	0.02	3.56E-19
rs114159277	G	C	0.25	0.02	3.56E-19
rs73469633	A	C	0.12	0.01	3.57E-19
rs79559839	A	G	0.26	0.02	3.60E-19
rs73961456	T	C	0.24	0.02	3.61E-19
rs114621510	A	G	0.13	0.01	3.62E-19
rs142060831	C	G	0.51	0.05	3.62E-19
rs574932671	A	G	0.3	0.03	3.64E-19
rs567751218	A	G	0.55	0.06	3.67E-19
rs184437270	G	A	0.34	0.03	3.69E-19
rs140216714	G	A	0.62	0.06	3.69E-19
rs540314773	G	A	0.25	0.02	3.71E-19
rs188532510	A	G	0.19	0.02	3.71E-19
rs531636955	G	C	0.25	0.02	3.75E-19
rs142181538	A	C	0.24	0.02	3.79E-19
rs562054393	C	G	0.25	0.02	3.82E-19
rs147690413	T	C	0.26	0.03	3.84E-19
rs540469466	G	A	0.25	0.02	3.86E-19
rs115857393	G	A	0.25	0.02	3.87E-19
rs140654693	T	C	0.17	0.01	3.87E-19
rs114781776	T	C	0.26	0.02	3.89E-19
rs73007750	T	C	0.25	0.02	3.90E-19
rs576886558	T	A	0.28	0.03	3.90E-19
rs181270113	G	A	0.25	0.02	3.90E-19
rs137981469	G	A	0.25	0.02	3.90E-19
rs28534806	G	A	0.28	0.03	3.90E-19
rs137865730	A	G	0.25	0.02	3.90E-19
rs9473465	A	G	0.25	0.02	3.91E-19
rs188005529	T	C	0.25	0.02	3.92E-19
rs185035513	A	G	0.25	0.02	3.92E-19
rs530157596	C	T	0.27	0.03	3.92E-19
rs550886633	G	T	0.25	0.02	3.94E-19
rs9473466	A	G	0.25	0.02	3.94E-19
rs568575415	T	C	0.31	0.03	3.94E-19
rs75078495	C	T	0.12	0.01	3.94E-19
rs190864025	A	G	0.13	0.01	3.95E-19
rs146137150	G	T	0.26	0.03	3.97E-19
rs111757122	G	C	0.22	0.02	3.97E-19
rs148788635	T	A	0.13	0.01	3.99E-19
rs76742628	C	T	0.27	0.03	4.02E-19
rs143198269	T	C	0.12	0.01	4.02E-19
rs116541046	T	C	0.25	0.02	4.07E-19
rs576897585	C	T	0.25	0.02	4.07E-19
rs142936278	G	A	0.26	0.03	4.08E-19
rs141218638	T	G	0.25	0.02	4.08E-19
rs116568241	A	G	0.26	0.02	4.12E-19
rs370344632	T	C	0.23	0.02	4.16E-19
rs192764722	A	G	0.25	0.02	4.19E-19
rs574309716	T	C	0.25	0.02	4.22E-19
rs142547406	C	G	0.26	0.02	4.25E-19
rs565326169	C	T	0.25	0.02	4.26E-19
rs527942156	T	C	0.25	0.02	4.27E-19
rs548118787	C	T	0.25	0.02	4.27E-19
rs115052988	G	A	0.25	0.02	4.32E-19
rs534571575	G	A	0.25	0.02	4.32E-19
rs554466199	A	G	0.25	0.02	4.32E-19
rs565348127	T	C	0.25	0.02	4.32E-19

rs527700907	G	A	0.25	0.02	4.33E-19
rs570575459	T	C	0.25	0.02	4.34E-19
rs181115866	T	C	0.12	0.01	4.34E-19
rs536532340	A	G	0.25	0.02	4.35E-19
rs561540152	G	A	0.25	0.02	4.35E-19
rs187578524	C	T	0.25	0.02	4.39E-19
3:109177709_A_G	G	A	0.09	0.01	4.41E-19
rs148523251	G	A	0.26	0.03	4.41E-19
rs143002756	T	C	0.3	0.03	4.42E-19
rs77008933	C	T	6.73	0.75	4.45E-19
rs73944976	A	C	0.25	0.02	4.46E-19
rs114733962	G	C	0.25	0.02	4.47E-19
rs190620240	C	T	0.26	0.02	4.48E-19
rs193113612	A	G	0.26	0.02	4.48E-19
rs558296834	C	T	0.26	0.03	4.49E-19
rs77908261	A	G	0.2	0.02	4.49E-19
rs9993209	C	G	0.32	0.03	4.51E-19
rs151328885	G	A	0.25	0.02	4.53E-19
rs181464655	A	T	0.12	0.01	4.55E-19
rs554122799	C	T	0.25	0.02	4.56E-19
rs190853917	T	C	0.25	0.02	4.56E-19
rs115500304	G	A	3.55	0.39	4.58E-19
rs150626720	A	C	0.25	0.02	4.61E-19
rs76752562	G	T	0.26	0.02	4.63E-19
rs28429049	C	T	0.32	0.03	4.63E-19
rs2330444	T	A	0.11	0.01	4.64E-19
rs115145811	C	T	0.15	0.01	4.64E-19
rs150790377	T	C	0.25	0.02	4.65E-19
rs142455879	G	A	0.32	0.03	4.65E-19
rs182123921	A	G	0.25	0.02	4.68E-19
rs556582805	C	A	0.25	0.02	4.68E-19
rs139215061	G	T	0.28	0.03	4.70E-19
rs146880776	A	G	0.26	0.02	4.74E-19
rs75063801	T	G	0.12	0.01	4.76E-19
rs112819924	T	C	0.25	0.02	4.77E-19
rs567824989	G	A	0.25	0.02	4.79E-19
rs13412049	T	C	0.12	0.01	4.79E-19
rs114929145	G	T	0.25	0.02	4.81E-19
rs116230954	A	G	0.11	0.01	4.84E-19
rs182529361	C	T	0.26	0.02	4.86E-19
rs115430803	G	A	0.25	0.02	4.86E-19
rs148122361	G	C	0.25	0.02	4.90E-19
rs113416369	T	C	0.25	0.02	4.90E-19
7:31626964_C_A	A	C	0.04	0.005243	4.92E-19
rs139940926	A	G	0.25	0.02	4.97E-19
rs150766404	T	C	0.25	0.02	5.00E-19
rs190018567	C	A	2.72	0.3	5.00E-19
rs114036282	T	C	0.25	0.02	5.00E-19
rs114961281	A	G	0.24	0.02	5.03E-19
rs4519934	T	C	0.13	0.01	5.05E-19
rs144084161	A	G	0.25	0.02	5.07E-19
rs142354880	G	A	0.25	0.02	5.09E-19
rs191986664	A	G	0.25	0.02	5.13E-19
rs148980727	A	G	0.26	0.03	5.14E-19
rs6984713	G	C	0.26	0.02	5.15E-19
rs112384594	A	G	0.25	0.02	5.15E-19
rs145504422	T	A	0.15	0.01	5.15E-19
rs187680804	T	C	0.27	0.03	5.15E-19
rs560576939	T	G	1.27	0.14	5.17E-19
rs141044151	T	C	0.32	0.03	5.18E-19
rs80292513	C	T	0.25	0.02	5.19E-19

rs375512176	C	T	0.25	0.02	5.20E-19
rs75049190	G	A	0.25	0.02	5.26E-19
rs146763406	T	A	0.25	0.02	5.28E-19
rs182327893	G	A	0.25	0.02	5.29E-19
rs528907759	C	T	0.31	0.03	5.30E-19
rs544166519	C	T	0.24	0.02	5.30E-19
rs142424778	G	A	0.25	0.02	5.34E-19
rs543577576	G	A	0.52	0.05	5.36E-19
rs74688756	T	G	0.25	0.02	5.38E-19
rs116580830	G	A	0.24	0.02	5.43E-19
rs74412691	A	G	0.26	0.02	5.44E-19
rs115717260	C	T	0.25	0.02	5.44E-19
rs78991349	C	T	0.25	0.02	5.45E-19
rs151129193	T	C	1	0.11	5.46E-19
rs148958027	G	C	0.25	0.02	5.50E-19
rs543869465	T	C	0.25	0.02	5.50E-19
rs145357900	T	C	0.25	0.02	5.51E-19
rs17120496	G	A	0.24	0.02	5.52E-19
rs73839891	G	T	0.25	0.02	5.53E-19
rs145233292	C	T	0.24	0.02	5.54E-19
rs556642759	A	G	0.25	0.02	5.56E-19
rs9473475	G	C	0.25	0.02	5.57E-19
rs116099013	T	A	0.33	0.03	5.58E-19
rs560985464	C	A	0.33	0.03	5.59E-19
rs138065912	G	C	0.26	0.02	5.67E-19
rs186349324	T	C	0.25	0.02	5.68E-19
rs375358306	A	G	0.31	0.03	5.72E-19
rs150789498	T	C	0.25	0.02	5.74E-19
rs148057838	T	C	0.25	0.02	5.79E-19
rs141139570	A	G	0.25	0.02	5.85E-19
rs192810126	A	G	0.25	0.02	5.85E-19
rs192046343	T	G	0.25	0.02	5.93E-19
rs73944980	T	C	0.25	0.02	5.93E-19
rs531975532	T	A	0.25	0.02	5.95E-19
rs190866259	A	G	0.25	0.02	6.00E-19
rs116491751	G	C	0.28	0.03	6.03E-19
rs184594122	T	C	0.28	0.03	6.04E-19
rs537945821	G	C	0.29	0.03	6.05E-19
rs114951541	A	G	0.24	0.02	6.06E-19
rs114469363	C	T	0.25	0.02	6.08E-19
rs138162072	A	G	0.25	0.02	6.12E-19
rs546755195	A	G	0.25	0.02	6.13E-19
rs148457723	C	T	0.27	0.03	6.19E-19
rs145761139	A	G	0.24	0.02	6.19E-19
rs181238363	T	G	0.21	0.02	6.21E-19
rs74746690	G	C	0.25	0.02	6.25E-19
rs75267757	A	C	0.26	0.03	6.25E-19
rs184013664	C	T	0.26	0.03	6.26E-19
rs552790671	C	T	0.25	0.02	6.27E-19
rs559389594	T	C	0.29	0.03	6.31E-19
rs528934772	C	T	0.25	0.02	6.31E-19
rs369828766	G	A	0.12	0.01	6.34E-19
rs545277226	A	C	0.26	0.02	6.34E-19
rs116878882	A	G	0.32	0.03	6.39E-19
rs140311187	A	G	0.24	0.02	6.39E-19
rs139362202	T	C	0.25	0.02	6.44E-19
rs116614706	T	C	0.19	0.02	6.44E-19
rs773076794	A	G	0.1	0.01	6.48E-19
rs532892481	C	T	0.3	0.03	6.52E-19
rs114194944	A	G	0.24	0.02	6.59E-19
rs149555144	A	G	0.3	0.03	6.64E-19

rs144834557	C	G	0.13	0.01	6.65E-19
rs147966578	A	G	0.26	0.02	6.70E-19
rs76691549	C	A	0.26	0.02	6.73E-19
rs185642074	A	G	0.25	0.02	6.73E-19
rs555773831	T	C	0.25	0.02	6.79E-19
rs182941280	A	G	0.31	0.03	6.81E-19
rs182539143	G	T	0.26	0.02	6.90E-19
rs569625854	T	A	0.25	0.02	6.92E-19
rs151097860	A	T	0.32	0.03	6.95E-19
rs73808747	G	C	0.19	0.02	7.02E-19
rs114168693	T	C	0.12	0.01	7.06E-19
rs545434151	A	G	0.27	0.03	7.07E-19
rs78479658	C	G	0.25	0.02	7.08E-19
rs78967288	A	G	0.21	0.02	7.08E-19
rs534080582	T	C	0.36	0.04	7.16E-19
rs20526	A	G	0.27	0.03	7.16E-19
rs185026569	C	T	0.25	0.02	7.18E-19
rs115768539	A	T	0.21	0.02	7.19E-19
rs148631110	T	C	0.25	0.02	7.20E-19
rs559054637	A	G	0.25	0.02	7.24E-19
rs540665661	T	C	0.25	0.02	7.25E-19
rs541540033	C	T	0.25	0.02	7.25E-19
rs147182919	G	A	0.25	0.02	7.33E-19
rs143412132	A	G	0.27	0.03	7.41E-19
rs77206085	A	G	0.25	0.02	7.41E-19
rs114829248	C	T	0.25	0.02	7.42E-19
rs58860575	G	C	0.32	0.03	7.47E-19
rs115827689	A	G	0.24	0.02	7.47E-19
rs113784714	C	T	0.47	0.05	7.49E-19
rs183980959	T	A	0.25	0.02	7.50E-19
rs562315949	T	G	0.27	0.03	7.56E-19
rs187256041	A	C	0.25	0.02	7.57E-19
rs138130212	A	G	0.25	0.02	7.65E-19
rs144649072	A	G	0.25	0.02	7.66E-19
rs115193511	T	G	0.28	0.03	7.67E-19
rs78308776	C	T	0.08	0.0099544	7.74E-19
rs36225145	C	T	0.27	0.03	7.75E-19
rs75079408	C	T	0.25	0.02	7.75E-19
rs138132540	T	C	0.21	0.02	7.76E-19
rs79778503	A	G	0.25	0.02	7.77E-19
rs144342744	G	A	0.25	0.02	7.80E-19
rs74372686	A	G	0.12	0.01	7.80E-19
rs188899075	T	C	0.25	0.02	7.81E-19
rs552460980	C	T	5.93	0.66	7.82E-19
rs10122301	C	G	0.26	0.03	7.83E-19
rs573184341	G	C	0.25	0.02	7.87E-19
rs143628021	A	T	0.25	0.02	7.90E-19
rs149306810	T	G	0.25	0.02	7.90E-19
rs115054610	A	G	0.24	0.02	7.93E-19
rs114537421	A	G	0.17	0.01	7.96E-19
rs191587567	G	A	0.12	0.01	8.07E-19
rs193095078	G	C	0.26	0.03	8.08E-19
rs114216412	T	C	0.24	0.02	8.09E-19
rs144532654	G	C	0.62	0.07	8.10E-19
rs115950176	A	G	0.25	0.02	8.11E-19
rs565502904	T	G	0.25	0.02	8.15E-19
rs143409143	A	G	0.25	0.02	8.19E-19
rs77081691	A	G	1.62	0.18	8.26E-19
rs147131009	C	T	0.25	0.02	8.30E-19
rs533894029	G	C	0.26	0.03	8.31E-19
rs140576005	G	A	0.25	0.02	8.35E-19



rs188010701	G	A	0.25	0.02	8.36E-19
rs2040484	G	A	0.25	0.02	8.37E-19
rs566051629	C	T	0.27	0.03	8.39E-19
rs116708409	T	G	0.25	0.02	8.40E-19
rs143370849	G	A	0.25	0.02	8.50E-19
rs148363605	G	A	0.25	0.02	8.50E-19
rs191543643	T	A	0.53	0.06	8.56E-19
rs141624585	C	T	0.13	0.01	8.57E-19
rs74460995	C	T	0.25	0.02	8.59E-19
rs144964100	C	T	0.12	0.01	8.60E-19
rs142485110	G	C	0.26	0.02	8.60E-19
rs141239853	A	T	0.25	0.02	8.62E-19
rs76182422	C	G	0.26	0.02	8.66E-19
rs145307921	G	C	0.25	0.02	8.74E-19
rs146382222	G	A	0.25	0.02	8.74E-19
rs78832546	G	A	0.25	0.02	8.75E-19
rs144929601	A	C	0.24	0.02	8.77E-19
rs577738687	C	A	0.27	0.03	8.93E-19
rs116252396	A	G	0.24	0.02	8.95E-19
rs555022972	C	G	0.25	0.02	9.02E-19
rs150174095	C	G	0.29	0.03	9.03E-19
rs143537206	T	C	0.25	0.02	9.05E-19
rs182981927	T	G	0.24	0.02	9.10E-19
rs190708886	T	A	0.24	0.02	9.10E-19
rs139313403	A	G	0.25	0.02	9.11E-19
rs116560462	A	G	0.23	0.02	9.15E-19
rs192466394	C	T	0.33	0.03	9.15E-19
rs564650021	A	T	0.25	0.02	9.16E-19
rs149616059	G	T	0.36	0.04	9.19E-19
rs141696087	A	C	0.24	0.02	9.21E-19
rs565657694	C	T	0.26	0.02	9.23E-19
rs538608687	A	T	0.25	0.02	9.29E-19
rs147373473	A	T	0.25	0.02	9.33E-19
rs73685064	C	G	0.32	0.03	9.33E-19
rs10188809	G	A	0.24	0.02	9.41E-19
rs114850971	G	A	0.24	0.02	9.43E-19
rs369712320	T	A	0.14	0.01	9.43E-19
rs116094592	C	G	0.25	0.02	9.47E-19
rs371013627	C	T	0.16	0.01	9.49E-19
rs148955497	G	T	0.94	0.1	9.50E-19
rs192365851	T	C	0.25	0.02	9.54E-19
rs78710141	G	C	0.24	0.02	9.60E-19
rs188048173	C	T	0.24	0.02	9.61E-19
rs566415253	G	C	0.12	0.01	9.63E-19
rs140581023	A	T	0.24	0.02	9.63E-19
rs114853552	C	T	0.24	0.02	9.66E-19
rs114928547	C	G	3.32	0.37	9.70E-19
rs191287395	G	T	0.25	0.02	9.82E-19
rs141084409	A	G	0.26	0.03	9.83E-19
rs115007787	G	A	0.29	0.03	9.83E-19
rs139778153	T	C	3.35	0.38	9.91E-19
rs115050098	T	C	0.71	0.08	9.92E-19
rs140891269	C	T	0.25	0.02	9.97E-19
rs146521851	C	G	0.17	0.01	1.00E-18
rs74999870	G	A	0.25	0.02	1.01E-18
rs146760297	T	C	0.19	0.02	1.01E-18
rs144787208	T	G	0.25	0.02	1.02E-18
rs192584416	A	G	0.25	0.02	1.02E-18
rs143828498	G	A	0.24	0.02	1.02E-18
rs111659907	C	T	0.25	0.02	1.03E-18
rs149667673	C	A	0.3	0.03	1.03E-18

rs181668468	C	T	0.27	0.03	1.03E-18
rs186662403	G	T	0.25	0.02	1.04E-18
rs73003247	C	A	0.24	0.02	1.04E-18
rs146357385	T	G	0.25	0.02	1.05E-18
rs181866596	T	C	0.25	0.02	1.05E-18
rs533275528	G	A	0.25	0.02	1.06E-18
rs77511349	C	T	0.24	0.02	1.06E-18
rs75613271	A	G	0.25	0.02	1.07E-18
rs138940305	T	C	0.25	0.02	1.08E-18
rs35659283	C	T	0.25	0.02	1.08E-18
rs531784013	A	G	0.13	0.01	1.09E-18
rs142541445	G	A	0.25	0.02	1.09E-18
rs149018430	T	C	0.24	0.02	1.09E-18
rs138347202	A	C	0.25	0.02	1.10E-18
rs140905356	A	T	31.51	3.57	1.10E-18
rs548186060	C	T	31.51	3.57	1.10E-18
rs183808494	C	G	0.75	0.08	1.10E-18
rs575135392	C	G	0.23	0.02	1.11E-18
rs138751341	T	C	0.18	0.02	1.12E-18
rs187627809	T	C	0.25	0.02	1.12E-18
rs148946638	C	T	0.24	0.02	1.13E-18
rs151228701	G	A	0.25	0.02	1.14E-18
rs144463210	A	G	0.24	0.02	1.14E-18
rs143316875	T	G	0.25	0.02	1.14E-18
rs139108661	T	A	0.26	0.02	1.15E-18
rs193232394	G	T	0.85	0.09	1.15E-18
rs143640749	A	G	0.25	0.02	1.16E-18
rs141531491	A	T	0.25	0.02	1.16E-18
rs282734	C	T	-0.25	0.02	1.16E-18
rs116025672	A	T	0.11	0.01	1.16E-18
rs201755384	T	C	0.23	0.02	1.17E-18
rs187766230	T	C	0.25	0.02	1.17E-18
rs150707638	T	C	0.11	0.01	1.17E-18
rs542429478	G	A	0.25	0.02	1.17E-18
rs115348166	T	C	0.24	0.02	1.17E-18
rs142455846	A	G	0.25	0.02	1.18E-18
rs372842266	T	C	0.46	0.05	1.18E-18
rs76713103	A	G	0.25	0.02	1.18E-18
rs141016181	C	G	0.26	0.02	1.19E-18
rs114528628	A	G	0.25	0.02	1.19E-18
rs147870395	A	G	0.12	0.01	1.19E-18
rs149422889	T	C	0.24	0.02	1.20E-18
rs74974036	T	C	0.24	0.02	1.20E-18
rs199570340	T	C	0.25	0.02	1.20E-18
rs143283474	G	C	0.25	0.02	1.21E-18
rs148504500	A	G	0.41	0.04	1.21E-18
rs141388397	G	A	0.19	0.02	1.21E-18
rs146605214	G	T	0.12	0.01	1.22E-18
rs73299504	G	A	0.25	0.02	1.23E-18
rs148532722	A	G	0.25	0.02	1.23E-18
rs77874987	T	C	0.33	0.03	1.24E-18
rs116856778	T	C	0.27	0.03	1.24E-18
rs114996894	A	G	0.24	0.02	1.24E-18
rs115210420	T	C	0.24	0.02	1.24E-18
rs570179064	C	T	0.25	0.02	1.24E-18
rs115444218	C	T	0.29	0.03	1.25E-18
rs60778778	T	C	0.24	0.02	1.25E-18
rs115114339	G	A	0.26	0.02	1.25E-18
rs545614159	T	G	0.25	0.02	1.25E-18
rs543772353	C	A	2.89	0.32	1.26E-18
rs116353682	T	G	0.25	0.02	1.26E-18

rs567189645	A	G	0.27	0.03	1.27E-18
rs138311390	T	C	0.24	0.02	1.27E-18
rs145214307	G	A	0.24	0.02	1.27E-18
rs114076326	T	C	0.25	0.02	1.27E-18
rs543651773	T	C	0.23	0.02	1.28E-18
rs184787809	A	G	0.24	0.02	1.28E-18
rs184162495	A	G	0.28	0.03	1.28E-18
rs184601413	T	C	0.26	0.02	1.29E-18
rs77063619	C	T	0.16	0.01	1.29E-18
rs116638519	A	T	0.24	0.02	1.29E-18
rs184812807	A	G	0.27	0.03	1.30E-18
rs143234627	C	T	0.24	0.02	1.30E-18
rs186266197	T	G	0.24	0.02	1.30E-18
rs149766880	A	G	0.24	0.02	1.31E-18
rs539233484	T	C	0.76	0.08	1.31E-18
rs181148525	A	G	0.24	0.02	1.31E-18
rs144271919	C	T	0.24	0.02	1.32E-18
rs187917459	G	A	0.24	0.02	1.32E-18
rs145480249	T	C	0.24	0.02	1.32E-18
rs181202486	T	C	0.24	0.02	1.32E-18
rs116420024	C	T	0.24	0.02	1.32E-18
rs116131425	A	G	0.24	0.02	1.33E-18
rs138339673	A	G	0.24	0.02	1.34E-18
rs116201502	T	G	0.24	0.02	1.34E-18
rs181729817	A	G	0.24	0.02	1.34E-18
rs150351158	A	G	0.24	0.02	1.34E-18
rs145037718	G	A	0.24	0.02	1.34E-18
rs138224329	C	T	0.24	0.02	1.34E-18
rs149049325	C	G	0.24	0.02	1.34E-18
rs574935488	A	C	0.24	0.02	1.34E-18
rs115843048	C	T	0.24	0.02	1.34E-18
rs72969127	G	A	0.24	0.02	1.34E-18
rs73431392	T	C	0.25	0.02	1.34E-18
rs146172433	C	G	0.26	0.02	1.34E-18
rs146238571	T	G	0.24	0.02	1.34E-18
rs138876808	A	G	0.24	0.02	1.35E-18
rs147209067	A	C	0.24	0.02	1.35E-18
rs189483468	C	T	0.42	0.04	1.35E-18
rs138474166	T	A	0.24	0.02	1.35E-18
rs16825015	C	T	0.24	0.02	1.36E-18
rs116329917	T	A	0.24	0.02	1.36E-18
rs568553838	T	G	0.67	0.07	1.36E-18
rs139672518	A	G	0.22	0.02	1.36E-18
rs148334394	A	G	0.88	0.1	1.37E-18
rs138640992	G	A	0.24	0.02	1.37E-18
rs114191563	T	G	0.24	0.02	1.37E-18
rs142744613	T	C	0.24	0.02	1.37E-18
rs115916438	T	G	0.24	0.02	1.37E-18
rs142723374	T	G	0.25	0.02	1.38E-18
rs183693303	A	G	0.25	0.02	1.38E-18
rs144256462	C	T	0.22	0.02	1.38E-18
rs4856070	G	T	-0.22	0.02	1.38E-18
rs116498140	G	A	0.24	0.02	1.39E-18
rs116729435	A	T	0.24	0.02	1.39E-18
rs80109550	T	G	0.19	0.02	1.40E-18
rs79462985	G	C	0.27	0.03	1.40E-18
rs73424707	A	T	0.24	0.02	1.41E-18
rs552365267	C	T	0.34	0.03	1.41E-18
rs146500650	G	T	0.24	0.02	1.41E-18
rs143972758	T	C	0.24	0.02	1.42E-18
rs56225214	G	A	0.63	0.07	1.42E-18

rs150372950	A	G	0.1	0.01	1.42E-18
rs115483355	G	T	0.26	0.03	1.43E-18
rs150542898	G	A	0.24	0.02	1.43E-18
rs116454091	T	C	0.19	0.02	1.43E-18
rs148464098	A	G	0.24	0.02	1.43E-18
rs146685390	A	G	0.24	0.02	1.44E-18
rs150345356	A	C	0.24	0.02	1.44E-18
rs142987360	C	A	0.74	0.08	1.44E-18
rs329239	A	G	0.25	0.02	1.45E-18
rs116191177	G	A	0.25	0.02	1.46E-18
rs139760672	A	G	0.24	0.02	1.46E-18
rs139160501	G	A	0.24	0.02	1.47E-18
rs73702535	C	T	0.24	0.02	1.47E-18
rs77141905	A	C	0.18	0.02	1.48E-18
rs114981411	G	A	0.24	0.02	1.48E-18
rs114880779	G	A	0.24	0.02	1.48E-18
rs192444085	A	G	0.24	0.02	1.48E-18
rs144673686	A	C	0.24	0.02	1.49E-18
rs183716061	T	C	0.24	0.02	1.49E-18
rs148481234	A	T	0.24	0.02	1.49E-18
rs116722301	G	A	0.24	0.02	1.50E-18
rs73691835	T	C	0.1	0.01	1.50E-18
rs151077365	T	C	0.24	0.02	1.50E-18
rs148959243	G	A	0.16	0.01	1.52E-18
rs114986794	G	T	0.12	0.01	1.53E-18
rs147042068	G	C	0.24	0.02	1.53E-18
rs143241516	A	C	0.42	0.04	1.53E-18
rs537551626	A	G	0.1	0.01	1.54E-18
rs115573955	T	C	0.23	0.02	1.54E-18
rs533114529	C	T	0.34	0.03	1.54E-18
rs558111955	A	G	0.24	0.02	1.54E-18
rs185300639	A	G	0.27	0.03	1.56E-18
rs544088807	T	C	0.51	0.05	1.57E-18
rs141997931	T	C	0.23	0.02	1.57E-18
rs186616196	A	G	0.27	0.03	1.58E-18
rs142034545	T	A	0.24	0.02	1.58E-18
rs57333884	G	A	0.24	0.02	1.58E-18
rs140914538	T	C	0.09	0.01	1.59E-18
rs149999519	G	A	0.32	0.03	1.59E-18
rs114239784	C	T	0.67	0.07	1.59E-18
rs142616030	T	C	0.24	0.02	1.59E-18
rs147230919	A	G	0.24	0.02	1.60E-18
rs181082984	A	G	0.24	0.02	1.60E-18
rs181474397	A	G	0.24	0.02	1.60E-18
rs553639575	T	C	0.28	0.03	1.60E-18
rs192681479	A	G	0.88	0.1	1.61E-18
rs558159846	A	G	0.25	0.02	1.61E-18
rs138955629	A	G	0.25	0.02	1.62E-18
rs114721957	A	G	0.24	0.02	1.62E-18
rs146793270	C	A	0.24	0.02	1.62E-18
rs371732933	A	G	0.25	0.02	1.63E-18
rs115330125	T	C	0.25	0.02	1.63E-18
rs150666166	T	C	0.24	0.02	1.63E-18
rs139254646	C	A	0.24	0.02	1.63E-18
rs146641325	A	G	0.24	0.02	1.64E-18
rs532827846	A	G	1.05	0.12	1.65E-18
rs117895674	C	T	0.26	0.02	1.66E-18
rs150467618	T	C	0.24	0.02	1.66E-18
rs554790853	G	C	0.24	0.02	1.66E-18
rs115918222	G	T	0.24	0.02	1.66E-18
rs561406114	A	G	0.24	0.02	1.66E-18

rs539136158	G	A	0.32	0.03	1.67E-18
rs61732195	T	C	0.15	0.01	1.67E-18
rs140209162	A	G	0.24	0.02	1.68E-18
rs115854169	A	G	0.24	0.02	1.68E-18
rs184050549	C	G	0.29	0.03	1.69E-18
rs544598587	A	T	0.25	0.02	1.69E-18
rs544198882	T	G	0.28	0.03	1.70E-18
rs28527791	A	T	0.27	0.03	1.70E-18
rs143415111	C	T	0.09	0.01	1.72E-18
rs184400167	A	G	1.34	0.15	1.72E-18
rs185813153	T	C	0.23	0.02	1.73E-18
rs149760193	A	G	0.22	0.02	1.73E-18
rs28373333	A	T	0.27	0.03	1.75E-18
rs148957519	G	A	0.24	0.02	1.75E-18
rs75223440	T	C	0.14	0.01	1.76E-18
rs140210185	G	A	0.24	0.02	1.76E-18
rs186172762	C	T	0.28	0.03	1.76E-18
rs192259064	C	T	0.24	0.02	1.76E-18
rs146904778	C	G	0.08	0.009443	1.77E-18
rs571547989	G	A	0.24	0.02	1.77E-18
rs141103707	C	T	0.23	0.02	1.78E-18
rs142920848	A	T	0.24	0.02	1.78E-18
rs11987674	C	A	0.24	0.02	1.78E-18
rs114642504	A	G	0.24	0.02	1.78E-18
rs79166071	T	C	0.25	0.02	1.78E-18
rs11994261	C	T	0.24	0.02	1.78E-18
rs11994553	T	C	0.24	0.02	1.78E-18
rs115454333	A	C	0.24	0.02	1.78E-18
rs114468826	T	A	0.24	0.02	1.78E-18
rs11996306	C	T	0.24	0.02	1.78E-18
rs188289837	C	T	0.24	0.02	1.79E-18
rs138863551	A	C	0.24	0.02	1.79E-18
rs188120906	G	C	0.24	0.02	1.79E-18
rs79330303	G	T	0.72	0.08	1.79E-18
rs116662224	T	C	0.24	0.02	1.80E-18
rs145865203	G	A	0.11	0.01	1.80E-18
rs75996445	A	G	0.86	0.09	1.80E-18
rs79984594	A	G	0.23	0.02	1.80E-18
rs187773170	C	T	0.24	0.02	1.80E-18
rs114248754	T	A	0.24	0.02	1.80E-18
rs78627087	G	A	0.24	0.02	1.81E-18
rs147685093	G	T	0.24	0.02	1.81E-18
rs183676718	T	C	0.42	0.04	1.81E-18
rs144319896	G	A	0.24	0.02	1.81E-18
rs114395240	C	A	0.24	0.02	1.82E-18
rs28594823	C	T	0.24	0.02	1.82E-18
rs74883705	G	A	0.33	0.03	1.82E-18
rs144821729	G	A	0.24	0.02	1.83E-18
rs60039240	G	C	3.51	0.4	1.83E-18
rs553000364	T	C	0.24	0.02	1.83E-18
rs115866803	C	T	0.24	0.02	1.83E-18
rs73478846	C	T	0.25	0.02	1.84E-18
rs544828656	A	G	0.12	0.01	1.84E-18
rs112822324	G	A	0.16	0.01	1.85E-18
rs555842854	T	C	0.24	0.02	1.85E-18
rs565988100	G	A	0.24	0.02	1.85E-18
rs146857338	G	A	0.21	0.02	1.85E-18
rs75969273	G	A	0.16	0.01	1.86E-18
rs146965551	A	G	0.33	0.03	1.86E-18
rs73662322	T	C	0.58	0.06	1.87E-18
rs187410576	T	C	0.33	0.03	1.88E-18

rs139955722	A	G	0.24	0.02	1.88E-18
rs116008426	G	T	0.24	0.02	1.89E-18
rs114009499	A	C	0.32	0.03	1.89E-18
rs569522783	T	G	0.25	0.02	1.90E-18
rs145810086	T	C	0.24	0.02	1.90E-18
rs185922006	T	G	0.25	0.02	1.90E-18
rs17086756	T	G	0.22	0.02	1.90E-18
rs146237195	G	A	0.24	0.02	1.91E-18
rs141140686	G	A	0.42	0.04	1.92E-18
rs143962459	G	A	0.24	0.02	1.92E-18
rs59666431	G	A	0.42	0.04	1.93E-18
rs116577471	T	C	0.24	0.02	1.93E-18
rs78054522	C	T	0.42	0.04	1.93E-18
rs145073539	A	G	0.24	0.02	1.94E-18
rs145871913	A	G	0.24	0.02	1.94E-18
rs138630338	T	C	0.24	0.02	1.96E-18
rs188783458	T	A	0.47	0.05	1.96E-18
rs547575749	A	G	0.24	0.02	1.97E-18
rs372022932	G	A	0.25	0.02	1.98E-18
rs3802416	G	A	0.22	0.02	2.00E-18
rs147627296	T	C	0.24	0.02	2.01E-18
rs10122548	A	G	0.26	0.03	2.02E-18
rs537782680	G	A	0.24	0.02	2.02E-18
rs138985954	G	C	0.24	0.02	2.02E-18
rs115257755	T	C	0.24	0.02	2.05E-18
rs116227182	A	G	0.24	0.02	2.05E-18
rs188424042	T	A	0.24	0.02	2.05E-18
rs530560095	A	G	0.25	0.02	2.06E-18
rs2331972	T	C	0.25	0.02	2.07E-18
rs115705614	C	A	0.34	0.03	2.08E-18
rs143164265	A	G	0.31	0.03	2.08E-18
rs182342863	G	A	1.45	0.16	2.08E-18
rs191011596	T	C	0.13	0.01	2.08E-18
rs34163122	A	G	0.24	0.02	2.09E-18
rs114272769	T	A	0.24	0.02	2.10E-18
rs114709232	A	C	0.09	0.01	2.11E-18
rs114003205	C	T	0.24	0.02	2.12E-18
rs145096936	C	T	0.24	0.02	2.12E-18
rs552739322	A	C	0.43	0.05	2.13E-18
rs116085663	A	G	0.15	0.01	2.13E-18
rs75310621	T	C	0.25	0.02	2.13E-18
rs530295061	C	T	0.24	0.02	2.15E-18
rs115202585	G	A	0.24	0.02	2.16E-18
rs200795293	G	A	1.78	0.2	2.16E-18
rs140241807	G	A	0.23	0.02	2.18E-18
rs78893920	C	A	1.01	0.11	2.19E-18
rs78489792	T	A	1.01	0.11	2.19E-18
rs74825477	T	C	0.12	0.01	2.20E-18
rs193218255	T	C	0.24	0.02	2.20E-18
rs548864996	C	G	0.24	0.02	2.20E-18
rs10033809	G	A	0.27	0.03	2.21E-18
rs148230500	G	T	0.23	0.02	2.21E-18
rs76853435	T	A	0.24	0.02	2.22E-18
rs10174415	A	G	0.24	0.02	2.24E-18
rs16824883	C	G	0.24	0.02	2.26E-18
rs141879113	G	A	0.24	0.02	2.26E-18
rs188187736	A	G	0.26	0.03	2.26E-18
rs113468985	A	G	0.23	0.02	2.27E-18
rs141696555	G	T	0.24	0.02	2.27E-18
rs114568423	T	C	0.24	0.02	2.28E-18
rs188701858	C	T	0.69	0.07	2.28E-18

rs56239320	T	C	0.24	0.02	2.29E-18
rs58383921	A	G	0.24	0.02	2.29E-18
rs77939139	C	T	0.24	0.02	2.29E-18
rs546517551	G	A	0.24	0.02	2.29E-18
rs149979015	C	G	0.24	0.02	2.30E-18
rs563658745	T	C	0.24	0.02	2.30E-18
rs573245580	T	C	0.24	0.02	2.30E-18
rs150878463	C	T	0.23	0.02	2.30E-18
rs114566325	T	C	0.24	0.02	2.31E-18
rs113150234	G	A	0.22	0.02	2.31E-18
rs573780203	C	T	0.28	0.03	2.31E-18
rs111401198	C	T	0.25	0.02	2.32E-18
rs182718280	A	G	0.24	0.02	2.32E-18
rs138958611	T	G	0.17	0.01	2.32E-18
rs181962010	T	C	0.32	0.03	2.32E-18
rs142505816	T	C	0.17	0.01	2.32E-18
rs150489612	T	C	0.24	0.02	2.32E-18
rs182561506	C	T	0.24	0.02	2.33E-18
rs73859602	A	G	0.14	0.01	2.35E-18
rs573950296	C	T	0.12	0.01	2.35E-18
rs9996122	A	G	0.27	0.03	2.35E-18
rs533429010	C	T	0.24	0.02	2.36E-18
rs567958302	C	T	0.24	0.02	2.37E-18
rs115328289	G	A	0.12	0.01	2.37E-18
rs142612718	A	T	0.24	0.02	2.39E-18
rs113739092	C	A	0.24	0.02	2.41E-18
rs150983413	T	C	0.24	0.02	2.41E-18
rs542171600	T	C	0.28	0.03	2.43E-18
rs113266065	T	A	0.24	0.02	2.43E-18
rs61224006	G	C	0.24	0.02	2.44E-18
rs551243107	A	G	0.26	0.03	2.45E-18
rs555983634	C	A	0.12	0.01	2.47E-18
rs114013272	A	G	0.23	0.02	2.47E-18
rs192425373	A	G	0.24	0.02	2.48E-18
rs28368048	A	G	0.24	0.02	2.48E-18
rs116010352	T	C	0.24	0.02	2.49E-18
rs16824879	C	T	0.24	0.02	2.49E-18
rs139945984	A	C	0.24	0.02	2.49E-18
rs11737766	G	A	-0.24	0.02	2.50E-18
rs146917320	A	G	0.24	0.02	2.50E-18
rs531880311	T	A	0.28	0.03	2.51E-18
rs186058453	T	G	2.04	0.23	2.52E-18
rs569498808	A	G	0.24	0.02	2.52E-18
rs76971419	G	C	0.24	0.02	2.54E-18
rs79304042	G	T	0.24	0.02	2.54E-18
rs144605180	G	C	0.24	0.02	2.54E-18
rs749101874	C	T	0.04	0.0054354	2.54E-18
rs530777960	T	G	0.3	0.03	2.54E-18
rs115359038	C	T	0.12	0.01	2.54E-18
rs60456271	C	T	0.24	0.02	2.55E-18
rs151054784	G	C	0.24	0.02	2.56E-18
rs114198521	G	A	0.24	0.02	2.57E-18
rs114895206	G	A	0.24	0.02	2.57E-18
rs556749927	T	G	0.24	0.02	2.57E-18
rs75780071	G	A	0.18	0.02	2.57E-18
rs144327525	C	T	0.24	0.02	2.58E-18
rs115601184	G	T	0.24	0.02	2.58E-18
rs142423823	C	T	0.24	0.02	2.59E-18
rs140999339	A	C	0.24	0.02	2.59E-18
rs16824604	G	A	0.24	0.02	2.60E-18
rs75213410	G	A	0.24	0.02	2.60E-18

rs75286458	G	C	0.24	0.02	2.61E-18
rs139943651	G	A	0.24	0.02	2.62E-18
rs59192968	T	C	0.25	0.02	2.63E-18
rs191621512	A	C	0.24	0.02	2.65E-18
rs556642753	T	G	0.24	0.02	2.66E-18
rs189776796	A	G	0.26	0.03	2.66E-18
rs537797209	G	C	0.24	0.02	2.67E-18
rs112149633	G	A	0.27	0.03	2.67E-18
rs142706609	C	T	0.24	0.02	2.68E-18
rs13353757	G	A	0.26	0.03	2.69E-18
rs138980148	T	C	0.26	0.03	2.69E-18
rs116692433	T	A	0.24	0.02	2.69E-18
rs76041815	G	A	0.23	0.02	2.70E-18
rs534104778	T	C	0.24	0.02	2.71E-18
rs182564061	T	C	0.24	0.02	2.72E-18
rs73701221	A	C	0.24	0.02	2.72E-18
rs73273315	G	A	0.17	0.02	2.72E-18
rs138471462	C	T	0.1	0.01	2.73E-18
rs79415288	T	G	0.24	0.02	2.73E-18
rs578124142	G	C	0.24	0.02	2.74E-18
rs74947574	G	T	0.24	0.02	2.74E-18
rs139771047	A	G	0.24	0.02	2.75E-18
rs115394548	G	A	0.25	0.02	2.75E-18
rs151066478	T	C	0.24	0.02	2.76E-18
rs10993931	G	A	0.24	0.02	2.76E-18
rs184762310	A	T	0.29	0.03	2.76E-18
rs116013405	G	A	0.24	0.02	2.78E-18
rs145006297	A	G	0.24	0.02	2.78E-18
rs78494098	A	G	0.24	0.02	2.79E-18
rs550585991	G	T	0.24	0.02	2.79E-18
rs143999257	G	A	0.23	0.02	2.79E-18
rs150071727	A	G	0.26	0.03	2.79E-18
rs113716604	T	A	0.11	0.01	2.80E-18
rs150608712	T	C	0.24	0.02	2.80E-18
rs114614174	C	T	0.24	0.02	2.80E-18
rs567266913	T	C	0.24	0.02	2.80E-18
rs183141127	T	G	0.24	0.02	2.82E-18
rs76371958	G	A	0.18	0.02	2.82E-18
rs142097583	G	A	0.24	0.02	2.83E-18
rs139863673	C	T	0.24	0.02	2.83E-18
rs115500682	T	C	1.46	0.16	2.84E-18
rs141782066	A	C	0.24	0.02	2.84E-18
rs531520341	C	T	0.24	0.02	2.86E-18
rs557054580	G	T	0.69	0.08	2.86E-18
rs6982382	G	A	0.16	0.01	2.88E-18
rs567972933	G	A	0.23	0.02	2.90E-18
rs77816782	C	G	0.13	0.01	2.91E-18
rs78137850	A	G	0.1	0.01	2.92E-18
rs116006321	G	A	0.24	0.02	2.93E-18
rs140858012	A	C	0.24	0.02	2.93E-18
rs9996159	A	G	0.24	0.02	2.93E-18
rs145127925	A	T	0.12	0.01	2.94E-18
rs188753800	G	A	0.24	0.02	2.94E-18
rs545485516	T	C	0.24	0.02	2.94E-18
rs6775257	G	C	0.24	0.02	2.94E-18
rs116123846	G	T	0.14	0.01	2.96E-18
rs116568578	G	C	0.73	0.08	2.96E-18
rs116495456	G	A	0.24	0.02	2.97E-18
rs114381311	T	C	0.24	0.02	2.97E-18
rs115303901	T	C	0.24	0.02	2.97E-18
rs16824855	C	T	0.24	0.02	2.97E-18



rs594988	G	A	0.25	0.02	2.98E-18
rs145800976	G	A	0.24	0.02	3.00E-18
rs146730998	C	T	0.24	0.02	3.01E-18
rs113800735	A	C	0.24	0.02	3.02E-18
rs143361396	G	A	0.24	0.02	3.03E-18
rs142242251	T	C	0.24	0.02	3.03E-18
rs150714891	G	A	0.24	0.02	3.03E-18
rs138293487	G	A	0.24	0.02	3.04E-18
rs186561558	G	A	0.24	0.02	3.04E-18
rs7039023	A	G	0.24	0.02	3.04E-18
rs7045646	T	C	0.24	0.02	3.04E-18
rs150197917	G	T	0.24	0.02	3.04E-18
rs187620140	C	G	0.24	0.02	3.05E-18
rs574024080	T	A	0.25	0.02	3.07E-18
rs76844881	C	G	0.12	0.01	3.07E-18
rs147953243	T	C	0.24	0.02	3.07E-18
rs566775890	A	G	0.24	0.02	3.08E-18
rs143099574	C	G	0.24	0.02	3.08E-18
rs147154503	G	C	0.24	0.02	3.09E-18
rs114998371	C	T	0.24	0.02	3.10E-18
rs563490818	T	G	0.24	0.02	3.11E-18
rs57027468	G	A	0.22	0.02	3.11E-18
rs72946761	A	G	0.24	0.02	3.11E-18
rs113194268	T	A	0.25	0.02	3.11E-18
rs140501652	A	G	0.22	0.02	3.11E-18
rs139376700	T	C	0.12	0.01	3.12E-18
rs182522317	A	C	0.24	0.02	3.12E-18
rs6784991	A	G	0.24	0.02	3.14E-18
rs554451639	A	G	0.17	0.01	3.14E-18
rs73642139	C	G	0.24	0.02	3.15E-18
rs143643339	A	G	0.24	0.02	3.15E-18
rs553044305	T	G	0.24	0.02	3.16E-18
rs79667871	G	A	0.24	0.02	3.16E-18
rs375368332	C	T	0.24	0.02	3.17E-18
rs9463435	C	G	0.24	0.02	3.17E-18
rs185842650	C	G	0.24	0.02	3.18E-18
rs550509084	C	T	0.24	0.02	3.18E-18
1:103774169_G_A	A	G	0.24	0.02	3.19E-18
rs529823189	A	G	0.24	0.02	3.19E-18
rs149521252	C	G	0.24	0.02	3.19E-18
rs140218098	T	C	0.26	0.03	3.21E-18
rs191528797	C	T	0.24	0.02	3.21E-18
rs115260838	C	G	0.23	0.02	3.21E-18
rs182344686	C	T	0.24	0.02	3.21E-18
rs140351421	G	A	0.24	0.02	3.22E-18
rs114207224	C	T	0.24	0.02	3.22E-18
rs73825073	C	T	0.21	0.02	3.23E-18
rs76687580	A	G	0.24	0.02	3.25E-18
rs186615181	G	A	0.12	0.01	3.25E-18
rs116521009	G	A	0.24	0.02	3.25E-18
rs78880713	G	A	0.24	0.02	3.26E-18
rs138592192	A	G	0.24	0.02	3.27E-18
rs142977248	C	T	0.38	0.04	3.29E-18
rs114474338	T	A	0.24	0.02	3.30E-18
rs140252959	T	C	0.12	0.01	3.30E-18
rs190117102	T	C	0.24	0.02	3.31E-18
rs115027172	G	A	0.24	0.02	3.34E-18
rs194090	A	T	0.26	0.03	3.35E-18
rs559757806	T	A	0.24	0.02	3.36E-18
rs558103175	T	C	0.14	0.01	3.36E-18
rs150713589	C	T	0.24	0.02	3.37E-18

rs114132046	A	T	0.23	0.02	3.38E-18
rs563935119	A	G	0.26	0.02	3.38E-18
rs113536888	A	G	0.24	0.02	3.38E-18
rs77409734	T	G	0.24	0.02	3.38E-18
rs569211663	A	G	0.38	0.04	3.38E-18
rs111317691	G	A	0.24	0.02	3.39E-18
rs141066146	G	A	0.26	0.03	3.41E-18
rs149680009	A	G	0.24	0.02	3.43E-18
rs573668197	A	G	0.24	0.02	3.44E-18
rs114059452	G	C	0.24	0.02	3.44E-18
rs574173995	T	C	0.24	0.02	3.45E-18
rs77752406	C	G	0.26	0.03	3.46E-18
rs562799854	A	G	0.24	0.02	3.46E-18
rs146847491	C	T	0.24	0.02	3.47E-18
rs151124381	C	T	0.24	0.02	3.47E-18
rs114897323	C	T	0.12	0.01	3.48E-18
rs529423848	A	G	0.49	0.05	3.49E-18
rs139477632	A	G	0.24	0.02	3.49E-18
rs140052203	G	A	0.24	0.02	3.51E-18
rs144373574	G	A	0.21	0.02	3.52E-18
rs144950604	G	A	0.25	0.02	3.52E-18
rs13271869	A	T	0.24	0.02	3.53E-18
rs140762351	G	A	0.23	0.02	3.53E-18
rs28672193	T	C	0.23	0.02	3.53E-18
rs192288361	C	A	0.12	0.01	3.54E-18
rs115769457	C	T	0.24	0.02	3.58E-18
rs144706781	C	T	0.24	0.02	3.58E-18
rs543423120	C	A	0.24	0.02	3.59E-18
rs114641683	A	G	0.24	0.02	3.59E-18
rs78659234	A	G	0.24	0.02	3.60E-18
rs150926424	A	G	0.12	0.01	3.61E-18
rs28630838	A	G	0.24	0.02	3.63E-18
rs116515851	G	T	0.24	0.02	3.64E-18
rs375542730	G	A	0.24	0.02	3.64E-18
rs182485923	G	A	0.25	0.02	3.65E-18
rs544023718	G	T	0.25	0.02	3.66E-18
rs116826507	A	C	0.31	0.03	3.68E-18
rs144470062	G	A	0.24	0.02	3.68E-18
rs144657283	T	C	0.24	0.02	3.68E-18
rs145008140	G	A	0.23	0.02	3.70E-18
rs186852612	G	A	0.24	0.02	3.70E-18
rs73938471	G	C	0.24	0.02	3.71E-18
rs116756748	T	A	0.24	0.02	3.71E-18
rs189192517	C	T	0.26	0.03	3.71E-18
rs141214434	T	A	0.24	0.02	3.72E-18
rs138103867	C	T	0.24	0.02	3.73E-18
rs189135010	C	T	0.18	0.02	3.73E-18
rs141095308	A	C	0.24	0.02	3.74E-18
rs72946208	G	C	0.1	0.01	3.75E-18
rs181301757	G	A	1.03	0.11	3.75E-18
rs140048896	C	T	0.23	0.02	3.75E-18
rs16824572	C	G	0.24	0.02	3.75E-18
rs16900505	T	C	0.32	0.03	3.75E-18
rs115688603	C	T	0.24	0.02	3.77E-18
5:105532185_C_T	T	C	0.24	0.02	3.78E-18
rs59950498	A	G	0.24	0.02	3.79E-18
rs145966260	G	A	0.23	0.02	3.82E-18
rs192635908	A	G	0.25	0.02	3.82E-18
rs114371486	C	A	0.26	0.03	3.85E-18
rs138073995	C	T	0.24	0.02	3.85E-18
rs115771985	T	A	0.24	0.02	3.85E-18

rs529014721	A	G	0.24	0.02	3.86E-18
rs77533884	A	G	0.24	0.02	3.86E-18
rs183526351	G	A	1.1	0.12	3.86E-18
rs192366524	T	C	0.24	0.02	3.87E-18
rs79613833	G	A	0.25	0.02	3.87E-18
rs141850677	G	A	0.24	0.02	3.88E-18
rs142418565	G	T	0.23	0.02	3.89E-18
rs139191897	A	G	0.24	0.02	3.91E-18
rs147113738	T	G	0.24	0.02	3.93E-18
rs564400685	A	G	0.24	0.02	3.93E-18
rs184478785	A	T	0.24	0.02	3.93E-18
rs182764260	G	C	0.26	0.03	3.93E-18
rs140019710	A	G	0.19	0.02	3.94E-18
rs189293722	T	G	0.22	0.02	3.95E-18
rs146968991	A	G	0.24	0.02	3.96E-18
rs112309229	G	C	0.24	0.02	4.00E-18
rs147727684	T	C	0.24	0.02	4.01E-18
rs187203261	A	G	0.42	0.04	4.01E-18
rs192234462	C	T	0.42	0.04	4.01E-18
rs138173620	G	T	0.24	0.02	4.01E-18
rs149895768	A	G	0.23	0.02	4.01E-18
rs541204308	A	G	0.24	0.02	4.07E-18
rs186943866	C	T	0.24	0.02	4.09E-18
rs78940578	T	C	0.18	0.02	4.10E-18
rs139583285	A	G	0.24	0.02	4.11E-18
rs28561677	C	G	0.25	0.02	4.12E-18
rs145295222	A	G	0.26	0.03	4.12E-18
rs566987489	G	A	0.34	0.03	4.12E-18
rs9842476	A	G	0.24	0.02	4.15E-18
rs146158843	T	C	0.24	0.02	4.18E-18
rs558187226	A	G	0.36	0.04	4.19E-18
rs145443888	A	G	0.24	0.02	4.20E-18
rs140119998	A	G	0.24	0.02	4.20E-18
rs559869535	T	C	0.29	0.03	4.20E-18
rs529875025	C	T	0.24	0.02	4.20E-18
rs139533865	A	G	0.24	0.02	4.21E-18
rs137956263	G	A	0.24	0.02	4.21E-18
rs147565193	A	T	0.24	0.02	4.24E-18
rs192493252	G	C	0.24	0.02	4.25E-18
rs375165231	T	C	0.29	0.03	4.26E-18
rs374081557	G	A	0.29	0.03	4.26E-18
rs540416773	A	G	0.24	0.02	4.27E-18
rs149799483	C	A	0.24	0.02	4.28E-18
rs192862328	A	G	0.69	0.08	4.28E-18
rs562489520	T	C	0.24	0.02	4.31E-18
rs115636925	A	G	0.24	0.02	4.34E-18
rs558764168	G	A	0.24	0.02	4.34E-18
rs79085474	A	G	0.24	0.02	4.35E-18
rs377586106	C	A	0.22	0.02	4.37E-18
rs116519855	C	T	0.24	0.02	4.37E-18
rs577394148	G	A	0.06	0.0073583	4.40E-18
rs185312760	C	T	0.24	0.02	4.41E-18
rs73379165	A	G	0.12	0.01	4.41E-18
rs115874869	C	A	0.28	0.03	4.42E-18
rs145894452	A	G	0.24	0.02	4.42E-18
rs141734635	A	G	0.16	0.01	4.44E-18
rs57917993	T	C	0.23	0.02	4.44E-18
rs529046603	G	A	0.24	0.02	4.49E-18
rs140148340	C	G	0.26	0.03	4.49E-18
rs145919617	T	C	0.23	0.02	4.49E-18
rs58220740	G	A	0.23	0.02	4.49E-18

rs183104960	A	C	0.29	0.03	4.51E-18
rs531635623	C	G	0.24	0.02	4.52E-18
rs562912296	A	G	0.24	0.02	4.52E-18
rs183018083	A	G	0.24	0.02	4.52E-18
rs149610740	T	G	0.29	0.03	4.52E-18
rs116314835	A	G	0.24	0.02	4.54E-18
rs543287271	T	C	0.23	0.02	4.54E-18
rs113465704	G	A	0.24	0.02	4.54E-18
rs376976886	C	T	0.35	0.04	4.54E-18
rs371504934	T	C	0.24	0.02	4.57E-18
rs186405412	G	A	0.23	0.02	4.57E-18
rs150942313	T	C	0.23	0.02	4.60E-18
rs114124411	A	G	0.23	0.02	4.61E-18
rs143886600	A	G	0.24	0.02	4.62E-18
rs114832284	G	A	0.23	0.02	4.63E-18
rs141105600	T	C	0.23	0.02	4.63E-18
rs145732151	A	T	0.23	0.02	4.63E-18
rs191392655	A	G	0.24	0.02	4.67E-18
rs186600559	T	C	0.24	0.02	4.67E-18
rs115947020	G	A	0.09	0.01	4.68E-18
rs111304688	A	C	0.24	0.02	4.70E-18
rs147615845	A	G	0.23	0.02	4.71E-18
rs114257266	C	T	2.29	0.26	4.72E-18
rs150587872	A	T	2.12	0.24	4.73E-18
rs559096081	C	T	0.24	0.02	4.73E-18
rs548794958	T	G	0.24	0.02	4.73E-18
rs555731916	A	G	0.23	0.02	4.76E-18
rs138501109	T	G	0.12	0.01	4.79E-18
rs149215220	T	G	0.12	0.01	4.79E-18
rs184799889	T	C	0.23	0.02	4.79E-18
rs188770706	T	G	2.92	0.33	4.83E-18
rs144242489	C	G	0.23	0.02	4.83E-18
rs7789416	C	T	0.11	0.01	4.84E-18
rs150085329	A	G	0.23	0.02	4.84E-18
rs116531541	A	C	0.24	0.02	4.85E-18
rs142181736	T	C	0.12	0.01	4.86E-18
rs372819824	T	C	0.12	0.01	4.86E-18
rs138727430	T	G	0.24	0.02	4.88E-18
rs72942903	C	A	0.12	0.01	4.88E-18
rs113037180	C	G	0.12	0.01	4.89E-18
rs114002813	C	T	0.29	0.03	4.90E-18
rs148874837	G	T	0.24	0.02	4.91E-18
rs142255059	A	C	0.24	0.02	4.92E-18
rs146527161	A	G	0.21	0.02	4.93E-18
rs146543265	T	G	0.24	0.02	4.94E-18
rs191981898	A	C	0.29	0.03	4.96E-18
rs145897769	T	C	2.69	0.31	4.97E-18
rs140407088	G	A	0.23	0.02	4.98E-18
rs148544891	T	C	0.23	0.02	4.99E-18
rs376537625	G	C	0.25	0.02	5.00E-18
rs143465631	T	G	0.26	0.03	5.00E-18
rs73688698	G	T	0.11	0.01	5.01E-18
rs548901174	T	G	0.22	0.02	5.01E-18
rs185167183	A	G	0.72	0.08	5.02E-18
rs7537310	A	T	0.24	0.02	5.02E-18
rs149967328	T	C	0.24	0.02	5.05E-18
rs542158419	A	G	0.06	0.0074896	5.05E-18
rs147324124	A	C	0.16	0.01	5.05E-18
rs190657162	A	G	0.27	0.03	5.09E-18
rs113639908	T	G	0.23	0.02	5.09E-18
rs189859698	G	C	0.24	0.02	5.10E-18

rs76230633	G	A	0.11	0.01	5.12E-18
rs113610355	T	C	0.12	0.01	5.13E-18
rs148189348	C	T	0.55	0.06	5.13E-18
rs185200253	A	G	0.23	0.02	5.14E-18
rs73471864	G	A	0.1	0.01	5.16E-18
rs570430789	G	A	0.24	0.02	5.16E-18
rs55681669	G	T	0.24	0.02	5.17E-18
rs542284785	T	A	0.23	0.02	5.17E-18
rs114376538	G	C	0.24	0.02	5.17E-18
rs569586311	T	C	0.23	0.02	5.18E-18
rs576462389	C	T	0.24	0.02	5.19E-18
rs112404845	T	A	0.24	0.02	5.19E-18
rs531933292	T	C	0.24	0.02	5.19E-18
rs546819124	C	G	0.23	0.02	5.20E-18
rs181521202	T	C	0.23	0.02	5.21E-18
rs190388743	T	C	0.22	0.02	5.21E-18
rs115278325	A	C	0.26	0.03	5.21E-18
rs144207069	T	G	0.25	0.02	5.23E-18
rs116300964	T	C	0.24	0.02	5.24E-18
rs139571398	C	A	0.22	0.02	5.25E-18
rs576400476	T	C	0.34	0.03	5.25E-18
rs185472952	T	C	0.24	0.02	5.29E-18
rs145634605	C	T	0.23	0.02	5.30E-18
rs146320561	C	A	0.12	0.01	5.31E-18
rs577141922	C	T	0.23	0.02	5.31E-18
rs115887427	A	G	0.23	0.02	5.32E-18
rs546295785	A	C	0.23	0.02	5.33E-18
rs181224486	A	G	0.75	0.08	5.34E-18
rs79604876	C	A	0.28	0.03	5.34E-18
rs191755970	C	T	0.4	0.04	5.35E-18
rs148483257	A	G	0.24	0.02	5.35E-18
rs560094960	T	C	0.23	0.02	5.37E-18
rs567106116	G	A	0.24	0.02	5.37E-18
rs115679718	G	A	0.23	0.02	5.38E-18
rs74148880	G	A	0.28	0.03	5.39E-18
rs139414432	C	T	0.23	0.02	5.41E-18
rs112797101	A	G	0.24	0.02	5.41E-18
rs115524616	T	C	0.23	0.02	5.42E-18
rs185101399	A	G	0.24	0.02	5.42E-18
rs80327894	T	A	0.23	0.02	5.43E-18
rs149100962	A	T	1.21	0.14	5.43E-18
rs182506349	T	C	0.14	0.01	5.44E-18
rs138388273	G	A	0.15	0.01	5.45E-18
rs139976065	T	C	0.29	0.03	5.45E-18
rs138133909	T	C	0.23	0.02	5.48E-18
rs115159066	T	C	0.23	0.02	5.48E-18
rs184644377	T	C	0.23	0.02	5.48E-18
rs145020556	A	G	0.24	0.02	5.48E-18
rs111986007	G	C	0.24	0.02	5.48E-18
rs115642922	A	G	0.36	0.04	5.48E-18
rs180817137	A	T	0.24	0.02	5.49E-18
rs536132669	T	C	0.29	0.03	5.56E-18
rs3126086	G	A	0.24	0.02	5.57E-18
rs114439523	C	G	0.23	0.02	5.58E-18
rs138922914	G	A	0.28	0.03	5.63E-18
rs114266661	C	T	0.23	0.02	5.64E-18
rs187504739	C	T	0.25	0.02	5.65E-18
rs114581057	T	A	0.23	0.02	5.68E-18
rs113097958	T	C	0.48	0.05	5.70E-18
rs148895398	A	T	0.24	0.02	5.70E-18
rs77347780	A	G	0.23	0.02	5.71E-18

rs185162364	G	A	0.29	0.03	5.71E-18
rs192765947	A	G	0.23	0.02	5.73E-18
rs544930248	T	C	0.23	0.02	5.74E-18
rs139514055	C	T	0.23	0.02	5.77E-18
rs115608313	C	T	0.24	0.02	5.77E-18
rs111590935	A	G	0.24	0.02	5.78E-18
rs150154663	T	G	0.24	0.02	5.79E-18
rs111435353	G	A	0.23	0.02	5.80E-18
rs116324995	A	T	0.41	0.04	5.82E-18
rs150220948	T	A	0.23	0.02	5.83E-18
rs146310586	C	A	0.23	0.02	5.83E-18
rs113285173	G	A	0.12	0.01	5.92E-18
rs142873405	T	C	0.24	0.02	5.95E-18
rs186999374	G	T	0.42	0.04	5.97E-18
rs74465126	C	T	0.23	0.02	6.01E-18
rs180802371	C	T	0.23	0.02	6.03E-18
rs77922367	C	A	0.23	0.02	6.03E-18
rs60423835	C	T	0.24	0.02	6.06E-18
rs114237831	C	T	0.24	0.02	6.07E-18
rs142647981	T	C	0.23	0.02	6.10E-18
rs115652884	T	C	0.24	0.02	6.14E-18
rs371567877	A	G	0.23	0.02	6.16E-18
rs115726328	A	G	0.23	0.02	6.17E-18
rs75987115	T	C	0.24	0.02	6.18E-18
rs113287941	T	C	0.23	0.02	6.18E-18
rs190130091	T	C	0.23	0.02	6.18E-18
rs373183330	A	C	0.24	0.02	6.22E-18
rs538755332	G	A	0.23	0.02	6.22E-18
rs190146711	G	A	0.23	0.02	6.23E-18
rs115079316	A	G	0.45	0.05	6.24E-18
rs73582550	A	C	0.24	0.02	6.26E-18
rs7840341	G	A	0.21	0.02	6.26E-18
rs150092947	G	A	0.28	0.03	6.28E-18
rs146845618	A	G	0.24	0.02	6.31E-18
rs116784613	C	A	0.24	0.02	6.36E-18
rs548060966	A	G	0.12	0.01	6.37E-18
rs148380047	C	T	0.34	0.04	6.39E-18
rs150768908	A	G	0.24	0.02	6.39E-18
rs139927002	A	G	0.23	0.02	6.43E-18
rs556719205	G	A	0.34	0.04	6.47E-18
rs144784441	G	A	0.24	0.02	6.47E-18
rs28649820	T	G	0.24	0.02	6.47E-18
rs115535097	T	C	0.24	0.02	6.50E-18
rs551800955	A	G	0.34	0.03	6.54E-18
rs13401403	T	G	0.71	0.08	6.55E-18
rs16833945	G	A	0.24	0.02	6.55E-18
rs144820842	A	G	0.24	0.02	6.57E-18
rs547482277	A	G	0.25	0.02	6.60E-18
rs182814418	T	C	0.11	0.01	6.63E-18
rs111342434	A	T	0.23	0.02	6.65E-18
rs148669339	C	T	0.23	0.02	6.66E-18
rs3126073	A	G	0.24	0.02	6.67E-18
rs3120643	G	C	0.24	0.02	6.68E-18
rs142103025	C	A	0.2	0.02	6.70E-18
rs73568319	G	A	0.23	0.02	6.70E-18
rs189435368	G	C	1.23	0.14	6.71E-18
rs75120351	T	G	0.27	0.03	6.74E-18
rs138259766	A	T	0.23	0.02	6.74E-18
rs191453693	A	C	0.38	0.04	6.76E-18
rs143007702	C	T	0.23	0.02	6.77E-18
rs141513150	C	T	0.23	0.02	6.83E-18

rs550758949	C	T	0.23	0.02	6.86E-18
rs77385225	G	A	0.23	0.02	6.89E-18
rs150980995	C	T	0.24	0.02	6.90E-18
rs150930358	G	A	0.28	0.03	6.90E-18
rs140656830	A	G	0.23	0.02	6.92E-18
rs114817872	C	T	0.23	0.02	6.94E-18
rs557173810	T	C	0.23	0.02	7.01E-18
rs529132193	T	C	0.23	0.02	7.01E-18
rs142853365	A	G	0.23	0.02	7.05E-18
rs573143706	C	T	0.23	0.02	7.08E-18
rs138371218	G	A	0.23	0.02	7.10E-18
rs140437320	G	A	0.23	0.02	7.10E-18
rs534233516	T	C	0.23	0.02	7.16E-18
rs566484480	T	G	0.23	0.02	7.18E-18
rs114181873	A	T	0.28	0.03	7.19E-18
rs141972110	T	C	0.24	0.02	7.19E-18
rs544722134	A	G	0.24	0.02	7.21E-18
rs146620104	A	G	0.23	0.02	7.27E-18
rs575462477	A	C	0.23	0.02	7.27E-18
rs548927520	A	G	0.27	0.03	7.30E-18
rs73566398	G	A	0.23	0.02	7.30E-18
rs77472506	C	T	0.26	0.03	7.36E-18
rs144141122	G	A	0.55	0.06	7.36E-18
rs187671511	C	T	0.23	0.02	7.36E-18
rs115692408	T	C	0.12	0.01	7.37E-18
rs140291041	C	T	0.23	0.02	7.37E-18
rs373681368	T	G	0.24	0.02	7.45E-18
rs370825001	C	T	0.23	0.02	7.51E-18
rs78302843	T	C	0.11	0.01	7.53E-18
rs566221450	A	G	0.28	0.03	7.54E-18
rs58125807	G	A	0.72	0.08	7.56E-18
rs74371885	G	A	0.23	0.02	7.59E-18
rs149761124	C	A	0.22	0.02	7.62E-18
rs188271183	T	C	0.23	0.02	7.62E-18
rs566803926	T	C	0.23	0.02	7.63E-18
rs142544693	A	T	0.12	0.01	7.69E-18
rs376319844	C	G	0.34	0.04	7.72E-18
rs149132982	T	A	0.24	0.02	7.74E-18
rs77184652	G	A	0.23	0.02	7.74E-18
rs149231526	G	T	0.23	0.02	7.76E-18
rs192278629	A	G	0.23	0.02	7.76E-18
rs141058292	T	C	0.24	0.02	7.86E-18
rs116491508	T	G	0.13	0.01	7.91E-18
rs139518455	A	G	0.26	0.03	7.92E-18
rs116295425	G	T	0.23	0.02	7.94E-18
rs113191362	G	C	0.23	0.02	7.94E-18
rs114786072	G	C	0.24	0.02	7.95E-18
rs73691832	C	G	0.09	0.01	7.95E-18
rs140964026	A	C	0.23	0.02	8.02E-18
rs115281453	T	C	0.23	0.02	8.03E-18
rs75438319	G	C	0.23	0.02	8.06E-18
rs145269266	C	T	0.23	0.02	8.06E-18
rs185054359	T	G	0.12	0.01	8.10E-18
rs146967356	A	G	0.2	0.02	8.13E-18
rs571820068	G	A	0.16	0.01	8.14E-18
rs137912599	C	T	0.23	0.02	8.14E-18
rs149678990	C	G	0.23	0.02	8.14E-18
rs192770333	A	T	0.23	0.02	8.19E-18
rs149639021	A	G	0.23	0.02	8.23E-18
rs116984735	C	G	2.08	0.24	8.23E-18
rs140310103	G	C	0.23	0.02	8.23E-18

rs191743434	G	A	0.23	0.02	8.29E-18
rs73380160	A	G	0.29	0.03	8.30E-18
rs146144150	C	T	0.23	0.02	8.33E-18
rs546783455	A	G	0.71	0.08	8.34E-18
rs114381812	C	T	0.23	0.02	8.36E-18
rs116757526	G	A	0.26	0.03	8.38E-18
rs76661896	A	G	0.3	0.03	8.40E-18
rs114096042	A	G	0.23	0.02	8.43E-18
rs541849705	A	G	0.98	0.11	8.45E-18
rs138332205	T	C	0.24	0.02	8.47E-18
rs141855496	G	A	0.24	0.02	8.49E-18
rs112794161	T	C	0.24	0.02	8.53E-18
rs542060104	C	A	2.11	0.24	8.54E-18
rs74954872	T	C	0.23	0.02	8.54E-18
rs570293618	T	C	0.23	0.02	8.61E-18
rs76119088	T	C	0.23	0.02	8.64E-18
rs191011868	A	G	0.23	0.02	8.65E-18
rs73948909	C	T	0.33	0.03	8.69E-18
rs574902864	T	C	0.23	0.02	8.69E-18
rs183852742	G	A	0.23	0.02	8.70E-18
rs190210231	A	G	0.23	0.02	8.71E-18
rs150987737	T	C	0.23	0.02	8.74E-18
rs116188282	C	G	0.23	0.02	8.74E-18
rs78857434	T	C	0.15	0.01	8.75E-18
rs116491618	T	C	0.23	0.02	8.75E-18
rs73666260	G	T	0.08	0.0096454	8.77E-18
rs76008151	G	C	0.23	0.02	8.77E-18
rs114668153	T	A	0.23	0.02	8.79E-18
rs532302279	G	A	0.23	0.02	8.81E-18
rs187039830	A	C	0.23	0.02	8.85E-18
rs138087313	T	G	0.24	0.02	8.90E-18
rs114662721	T	G	0.17	0.01	8.91E-18
rs143140761	G	A	0.22	0.02	8.93E-18
rs146717005	T	C	0.24	0.02	8.94E-18
rs184852769	C	T	0.24	0.02	8.95E-18
rs113447661	C	G	0.23	0.02	9.00E-18
rs139452868	T	C	0.23	0.02	9.00E-18
rs144118998	C	T	0.23	0.02	9.01E-18
rs141691392	A	G	0.21	0.02	9.03E-18
rs369592263	G	A	0.23	0.02	9.04E-18
rs115472352	A	C	0.23	0.02	9.06E-18
rs76419656	G	A	0.45	0.05	9.06E-18
rs149435291	A	T	0.23	0.02	9.11E-18
rs545327588	T	C	0.23	0.02	9.11E-18
1:18891670_T_G	G	T	0.08	0.0095026	9.11E-18
rs149176534	C	T	0.24	0.02	9.12E-18
rs183508716	T	C	0.26	0.03	9.13E-18
rs115860802	A	G	0.23	0.02	9.13E-18
rs567768576	G	A	0.18	0.02	9.15E-18
rs142354740	C	T	0.23	0.02	9.18E-18
rs577530219	G	T	0.23	0.02	9.18E-18
rs562696405	T	G	0.23	0.02	9.18E-18
rs145181100	A	T	0.2	0.02	9.19E-18
rs188057906	C	G	0.27	0.03	9.19E-18
rs75478172	T	C	0.24	0.02	9.21E-18
rs139374422	G	A	0.23	0.02	9.22E-18
rs186046602	T	A	0.27	0.03	9.27E-18
rs11205100	C	A	0.23	0.02	9.34E-18
rs80190339	C	T	0.08	0.0097519	9.42E-18
rs28697989	G	C	0.23	0.02	9.45E-18
rs563672069	T	C	0.26	0.03	9.45E-18



rs60940433	T	G	0.23	0.02	9.48E-18
rs139539801	T	C	0.24	0.02	9.49E-18
rs191999520	T	C	0.23	0.02	9.50E-18
rs148061842	A	G	0.23	0.02	9.53E-18
rs139919919	G	A	0.23	0.02	9.55E-18
rs56878053	A	G	0.23	0.02	9.56E-18
rs144403145	C	T	0.23	0.02	9.56E-18
rs143744610	T	C	0.23	0.02	9.61E-18
rs115908890	G	A	0.23	0.02	9.65E-18
rs77401838	A	C	0.24	0.02	9.67E-18
rs533584152	G	A	0.24	0.02	9.70E-18
rs190570642	A	G	0.23	0.02	9.75E-18
rs147640202	A	T	0.24	0.02	9.76E-18
rs147996695	A	G	0.23	0.02	9.77E-18
rs140334221	C	G	0.23	0.02	9.80E-18
rs149143462	T	C	0.24	0.02	9.82E-18
rs141000196	G	A	0.24	0.02	9.82E-18
rs141567043	A	G	0.41	0.04	9.83E-18
rs139117338	A	G	0.41	0.04	9.83E-18
rs190342295	T	C	0.24	0.02	9.91E-18
rs540289624	G	T	0.08	0.0099358	9.95E-18
rs192758814	T	C	0.26	0.03	1.01E-17
rs4409057	T	C	0.25	0.02	1.02E-17
rs142339286	T	C	0.11	0.01	1.02E-17
rs116546650	A	G	0.24	0.02	1.02E-17
rs79563631	C	T	0.24	0.02	1.03E-17
rs150434699	A	T	0.24	0.02	1.03E-17
rs191387469	T	A	0.24	0.02	1.03E-17
rs191389415	G	C	0.23	0.02	1.03E-17
rs190802249	T	C	0.23	0.02	1.03E-17
rs185249405	G	A	0.13	0.01	1.04E-17
rs186299084	G	A	0.23	0.02	1.04E-17
rs539753226	C	G	0.23	0.02	1.04E-17
rs147847860	C	A	0.24	0.02	1.04E-17
rs116574159	A	G	0.25	0.03	1.04E-17
rs7586908	C	T	0.22	0.02	1.05E-17
rs142893670	T	G	0.24	0.02	1.05E-17
rs554234518	A	G	0.67	0.07	1.06E-17
rs191866679	C	G	0.32	0.03	1.06E-17
rs186369969	A	G	0.14	0.01	1.06E-17
rs77250499	A	G	0.08	0.009646	1.07E-17
rs148920563	C	G	0.23	0.02	1.07E-17
rs116371540	T	C	0.23	0.02	1.07E-17
rs139126625	T	G	0.23	0.02	1.08E-17
rs137941225	A	G	0.24	0.02	1.08E-17
rs556840460	G	A	0.23	0.02	1.08E-17
rs112699886	C	T	0.22	0.02	1.08E-17
rs116466023	A	G	0.23	0.02	1.09E-17
rs6960957	A	G	0.41	0.04	1.09E-17
rs147157884	T	G	0.23	0.02	1.10E-17
rs116260017	G	T	0.23	0.02	1.10E-17
rs183101034	G	T	0.08	0.01	1.10E-17
rs180844453	A	G	0.23	0.02	1.11E-17
rs148563762	T	C	0.24	0.02	1.11E-17
rs146545850	C	T	15.16	1.77	1.11E-17
rs139823782	G	C	0.24	0.02	1.11E-17
rs139486330	G	T	0.23	0.02	1.11E-17
rs150259218	A	G	0.23	0.02	1.11E-17
rs140778635	A	C	0.23	0.02	1.12E-17
rs185772465	A	G	0.25	0.03	1.12E-17
rs537413622	G	C	0.22	0.02	1.12E-17

rs150978932	T	C	0.23	0.02	1.12E-17
rs139423070	A	G	0.28	0.03	1.12E-17
rs115318957	G	A	0.24	0.02	1.12E-17
rs79318734	T	A	0.23	0.02	1.12E-17
rs7757209	A	G	0.23	0.02	1.13E-17
rs142978758	C	T	0.31	0.03	1.13E-17
rs189035183	A	G	0.11	0.01	1.13E-17
rs79081885	C	T	0.11	0.01	1.13E-17
rs141580594	A	G	0.24	0.02	1.14E-17
rs78042177	G	A	0.22	0.02	1.15E-17
rs543401953	A	C	0.36	0.04	1.15E-17
rs10015436	G	T	0.25	0.03	1.15E-17
rs114098380	G	T	0.23	0.02	1.15E-17
rs115267378	A	T	0.23	0.02	1.16E-17
rs77502952	A	C	0.24	0.02	1.16E-17
rs75171558	C	T	0.22	0.02	1.16E-17
rs76019515	C	T	0.23	0.02	1.16E-17
rs573893661	T	C	0.13	0.01	1.16E-17
rs181861854	G	T	0.16	0.01	1.16E-17
rs192841649	T	C	0.23	0.02	1.17E-17
rs113770237	G	A	0.23	0.02	1.17E-17
rs111841077	C	G	0.23	0.02	1.17E-17
rs76538982	G	A	0.16	0.01	1.17E-17
rs139042624	T	C	0.12	0.01	1.17E-17
rs7638097	T	C	0.23	0.02	1.17E-17
rs59255690	C	T	0.18	0.02	1.18E-17
rs114964928	A	G	10.04	1.17	1.18E-17
rs116175996	C	T	0.32	0.03	1.18E-17
rs151071258	G	A	0.38	0.04	1.18E-17
rs545810869	C	T	0.23	0.02	1.19E-17
rs28882782	T	C	0.23	0.02	1.19E-17
rs556215492	A	G	0.23	0.02	1.19E-17
rs77139908	T	C	2.8	0.32	1.20E-17
rs7577753	C	A	0.24	0.02	1.20E-17
rs146882527	A	G	0.22	0.02	1.20E-17
rs995149	G	C	0.28	0.03	1.21E-17
rs374370783	T	A	0.23	0.02	1.21E-17
rs543824967	A	G	0.23	0.02	1.22E-17
rs189574746	T	C	0.13	0.01	1.22E-17
rs147669531	A	G	0.24	0.02	1.22E-17
rs191174455	G	A	0.22	0.02	1.22E-17
rs116810882	G	A	0.58	0.06	1.23E-17
rs111915879	A	G	0.23	0.02	1.23E-17
rs140572495	A	G	0.23	0.02	1.23E-17
rs142520697	A	G	0.23	0.02	1.23E-17
rs182341592	T	G	0.23	0.02	1.23E-17
rs143505137	T	G	0.23	0.02	1.24E-17
rs28362986	A	G	0.23	0.02	1.24E-17
rs529289755	A	G	0.27	0.03	1.24E-17
rs112160152	A	T	0.11	0.01	1.25E-17
rs115563189	C	T	0.23	0.02	1.25E-17
rs73813643	C	T	0.23	0.02	1.25E-17
rs527615551	C	T	0.26	0.03	1.25E-17
rs113167338	A	G	0.23	0.02	1.25E-17
rs113633654	A	G	0.16	0.01	1.26E-17
rs140401366	T	A	0.24	0.02	1.26E-17
rs552766716	G	T	0.28	0.03	1.26E-17
rs141211584	C	T	0.23	0.02	1.27E-17
rs551037786	C	A	0.25	0.03	1.27E-17
rs111852000	T	C	0.16	0.01	1.27E-17
rs373008888	A	G	0.25	0.02	1.28E-17

rs192996029	C	T	0.23	0.02	1.29E-17
rs76233058	G	T	0.25	0.02	1.29E-17
rs116131815	T	A	0.23	0.02	1.29E-17
rs145101345	T	C	0.23	0.02	1.30E-17
rs151243842	T	A	0.23	0.02	1.30E-17
rs142723234	C	T	0.11	0.01	1.30E-17
rs564932613	A	G	0.23	0.02	1.31E-17
rs149005852	C	G	0.25	0.02	1.31E-17
rs151298729	G	C	0.23	0.02	1.33E-17
rs143489795	T	C	0.23	0.02	1.33E-17
rs557014251	T	C	29.59	3.46	1.33E-17
rs142295823	T	C	29.59	3.46	1.33E-17
rs184368598	A	C	1.82	0.21	1.33E-17
rs527571420	A	G	0.25	0.03	1.33E-17
rs559126958	A	G	0.25	0.03	1.33E-17
rs188076004	T	C	0.28	0.03	1.33E-17
rs147137340	G	T	0.23	0.02	1.34E-17
rs149815667	A	G	0.23	0.02	1.34E-17
rs116204005	T	C	0.23	0.02	1.35E-17
rs149085867	A	C	0.24	0.02	1.35E-17
rs146760136	C	G	0.23	0.02	1.36E-17
rs554004129	T	C	0.23	0.02	1.37E-17
rs527303639	A	G	0.23	0.02	1.37E-17
rs113719311	A	C	0.23	0.02	1.38E-17
rs17032521	A	G	0.24	0.02	1.39E-17
rs113175348	T	C	0.23	0.02	1.39E-17
rs140195290	C	T	0.23	0.02	1.39E-17
rs73839894	A	G	0.24	0.02	1.40E-17
rs141183107	T	C	0.24	0.02	1.40E-17
rs143628637	G	A	0.22	0.02	1.40E-17
rs554177535	C	T	0.23	0.02	1.41E-17
rs141485847	T	C	0.23	0.02	1.41E-17
rs78624053	T	C	0.19	0.02	1.41E-17
rs148966125	T	C	0.23	0.02	1.42E-17
rs191796774	G	C	0.23	0.02	1.42E-17
rs148849894	T	C	0.23	0.02	1.43E-17
rs76634279	T	C	0.26	0.03	1.44E-17
rs114078666	G	C	0.23	0.02	1.44E-17
rs141025097	G	A	0.23	0.02	1.44E-17
rs146676972	T	C	0.23	0.02	1.44E-17
rs372859372	A	T	0.13	0.01	1.45E-17
rs144443443	A	G	0.23	0.02	1.45E-17
4:137523538_C_T	T	C	0.1	0.01	1.45E-17
rs113764809	A	G	0.23	0.02	1.45E-17
rs548532189	A	C	0.2	0.02	1.46E-17
rs587744091	T	G	0.12	0.01	1.46E-17
rs147692013	A	C	0.18	0.02	1.46E-17
rs76892301	T	C	0.23	0.02	1.46E-17
rs148735261	A	C	0.19	0.02	1.46E-17
rs151075537	C	G	0.23	0.02	1.46E-17
rs145721764	C	T	0.22	0.02	1.46E-17
rs60554148	A	C	0.24	0.02	1.46E-17
rs145858719	C	A	0.23	0.02	1.47E-17
rs185540736	A	G	0.22	0.02	1.47E-17
rs182491569	T	A	0.28	0.03	1.47E-17
rs187922977	G	A	0.28	0.03	1.47E-17
rs115588752	A	G	0.28	0.03	1.48E-17
rs116736460	A	G	0.23	0.02	1.48E-17
rs141044972	T	C	0.23	0.02	1.48E-17
rs564283533	G	A	0.23	0.02	1.48E-17
rs148543161	C	T	0.23	0.02	1.49E-17

rs141460991	A	G	0.23	0.02	1.50E-17
rs146827403	A	G	0.23	0.02	1.51E-17
rs149563093	G	T	0.22	0.02	1.51E-17
rs115317245	T	C	0.24	0.02	1.52E-17
rs28552477	T	C	0.23	0.02	1.52E-17
rs141285144	G	A	0.4	0.04	1.52E-17
rs77427887	A	G	0.25	0.03	1.52E-17
rs76557847	G	A	0.23	0.02	1.53E-17
rs150416505	A	C	0.12	0.01	1.53E-17
rs116083999	C	G	0.37	0.04	1.53E-17
rs184232823	G	A	0.23	0.02	1.53E-17
rs139677425	G	T	0.24	0.02	1.54E-17
rs149849488	T	C	0.23	0.02	1.54E-17
rs114700396	A	G	0.23	0.02	1.54E-17
rs113071463	A	G	0.28	0.03	1.54E-17
rs114540823	A	G	0.12	0.01	1.54E-17
rs190941422	A	G	0.28	0.03	1.55E-17
rs144139319	T	C	0.11	0.01	1.55E-17
rs76298209	G	A	0.29	0.03	1.55E-17
rs114139464	C	A	0.23	0.02	1.55E-17
rs114778862	T	C	0.23	0.02	1.55E-17
rs28679296	A	C	0.23	0.02	1.56E-17
rs111583389	A	G	0.16	0.01	1.56E-17
rs115213168	C	G	0.12	0.01	1.58E-17
rs144541106	T	C	0.23	0.02	1.58E-17
rs560142368	A	G	0.36	0.04	1.58E-17
rs73948622	A	G	0.23	0.02	1.58E-17
rs369435126	A	G	0.11	0.01	1.60E-17
rs76243565	T	G	0.29	0.03	1.60E-17
rs183249138	T	C	0.34	0.04	1.60E-17
rs536137895	A	C	0.28	0.03	1.60E-17
rs144132664	C	G	0.29	0.03	1.61E-17
rs151311723	T	C	0.23	0.02	1.61E-17
rs74896703	T	C	0.23	0.02	1.63E-17
rs115163996	T	G	0.23	0.02	1.63E-17
rs147152366	A	G	0.23	0.02	1.63E-17
rs79285496	C	T	0.23	0.02	1.63E-17
rs114315444	A	G	0.41	0.04	1.63E-17
rs115559160	G	A	0.22	0.02	1.63E-17
rs143188473	G	A	0.23	0.02	1.63E-17
rs531725164	A	C	0.11	0.01	1.64E-17
rs149280849	T	C	0.29	0.03	1.64E-17
rs142096299	C	T	0.23	0.02	1.64E-17
rs150536576	T	C	0.11	0.01	1.64E-17
rs181704472	G	T	0.24	0.02	1.65E-17
rs17046294	C	A	0.23	0.02	1.66E-17
rs79596133	G	C	0.15	0.01	1.66E-17
rs563349213	A	G	0.06	0.0078875	1.68E-17
rs116749365	C	A	0.17	0.02	1.68E-17
rs183431531	T	C	0.22	0.02	1.68E-17
rs140844946	C	T	0.22	0.02	1.68E-17
rs74863697	T	C	0.15	0.01	1.68E-17
rs73938115	C	G	0.23	0.02	1.69E-17
rs145276651	C	T	0.22	0.02	1.69E-17
rs568411791	G	C	0.22	0.02	1.69E-17
rs143269783	C	T	0.39	0.04	1.69E-17
rs116945905	C	T	0.24	0.02	1.69E-17
rs149577107	C	G	0.23	0.02	1.69E-17
rs192740199	T	C	0.23	0.02	1.69E-17
rs113062905	A	G	0.09	0.01	1.69E-17
rs114507425	C	T	0.23	0.02	1.70E-17

rs79658588	T	C	0.23	0.02	1.71E-17
rs75688901	A	G	0.23	0.02	1.71E-17
rs149895346	C	G	0.22	0.02	1.72E-17
rs118157647	A	G	0.23	0.02	1.72E-17
rs189894117	T	C	0.22	0.02	1.73E-17
rs116226978	C	T	0.11	0.01	1.74E-17
rs62653296	A	T	0.36	0.04	1.74E-17
rs142706598	T	C	0.1	0.01	1.75E-17
rs140991600	A	G	0.25	0.03	1.76E-17
rs114761631	C	T	0.22	0.02	1.76E-17
rs149269657	G	C	0.23	0.02	1.77E-17
rs143457984	G	C	0.42	0.05	1.78E-17
rs556233800	G	A	0.22	0.02	1.78E-17
rs142900830	A	C	0.23	0.02	1.79E-17
rs188393884	A	G	0.23	0.02	1.79E-17
rs148076686	C	G	0.23	0.02	1.79E-17
rs143079296	C	G	0.23	0.02	1.79E-17
rs75952052	C	A	0.15	0.01	1.80E-17
rs115312432	A	G	0.14	0.01	1.80E-17
rs112347200	G	A	0.24	0.02	1.81E-17
rs114366107	G	A	0.22	0.02	1.81E-17
rs547536723	G	A	0.27	0.03	1.82E-17
rs146804497	A	C	0.49	0.05	1.82E-17
rs115256510	A	C	0.23	0.02	1.82E-17
rs576018921	G	A	0.23	0.02	1.82E-17
rs143059498	T	C	0.23	0.02	1.84E-17
rs149373627	A	T	0.22	0.02	1.84E-17
rs181723183	C	T	0.23	0.02	1.85E-17
rs141390318	C	G	0.23	0.02	1.86E-17
rs111601575	A	T	0.23	0.02	1.86E-17
rs79312094	T	G	0.23	0.02	1.87E-17
rs73570470	G	T	0.23	0.02	1.88E-17
rs138838151	C	G	0.25	0.02	1.90E-17
rs557290341	A	G	0.24	0.02	1.91E-17
rs147127149	T	C	0.23	0.02	1.92E-17
rs146390274	T	C	0.23	0.02	1.92E-17
rs547848784	G	A	0.27	0.03	1.96E-17
rs10013339	T	C	0.29	0.03	1.96E-17
rs144943311	A	G	0.23	0.02	1.97E-17
rs575344060	A	G	0.23	0.02	1.98E-17
rs141507492	C	G	0.23	0.02	1.98E-17
rs148805579	G	A	0.23	0.02	1.99E-17
rs141228393	C	T	0.23	0.02	1.99E-17
rs143445405	G	A	0.66	0.07	2.00E-17
rs183292478	G	A	0.29	0.03	2.00E-17
rs77477776	A	G	0.23	0.02	2.00E-17
rs114029506	C	T	0.23	0.02	2.02E-17
rs114357146	T	C	0.23	0.02	2.02E-17
rs181337801	A	G	0.23	0.02	2.03E-17
rs182452769	C	G	0.16	0.01	2.03E-17
rs142660982	T	C	0.29	0.03	2.03E-17
rs571282061	G	A	0.23	0.02	2.04E-17
rs139217978	G	A	0.23	0.02	2.04E-17
rs73570472	A	C	0.23	0.02	2.04E-17
rs138042115	T	G	0.4	0.04	2.06E-17
rs143354451	A	G	0.23	0.02	2.06E-17
rs73938119	C	A	0.23	0.02	2.07E-17
rs142749479	T	C	0.23	0.02	2.07E-17
rs527909885	A	G	0.23	0.02	2.08E-17
rs73091709	C	A	0.23	0.02	2.08E-17
rs113324585	C	T	0.23	0.02	2.10E-17

rs191146565	C	T	0.23	0.02	2.10E-17
rs113616305	T	G	0.15	0.01	2.12E-17
rs112921269	T	G	0.23	0.02	2.12E-17
rs77495420	T	C	0.22	0.02	2.13E-17
rs79988246	C	G	0.23	0.02	2.13E-17
rs28763956	T	C	0.12	0.01	2.13E-17
rs150548835	T	C	0.23	0.02	2.13E-17
rs76197784	T	C	0.25	0.03	2.14E-17
rs144184747	G	A	0.11	0.01	2.15E-17
rs187931297	T	A	0.23	0.02	2.15E-17
rs181965927	A	G	0.64	0.07	2.16E-17
rs114421028	T	A	0.22	0.02	2.17E-17
rs151175861	T	C	0.23	0.02	2.17E-17
rs76679140	C	T	0.23	0.02	2.18E-17
rs146062902	A	G	0.4	0.04	2.19E-17
rs139170635	C	T	0.23	0.02	2.20E-17
rs184477208	G	C	0.22	0.02	2.20E-17
rs74953814	A	G	0.32	0.03	2.21E-17
rs574055866	G	A	1.21	0.14	2.21E-17
rs141894815	T	C	1.21	0.14	2.21E-17
rs529878562	G	A	0.26	0.03	2.22E-17
rs115301013	G	T	3.96	0.46	2.22E-17
rs148709062	C	T	0.23	0.02	2.23E-17
rs532430945	A	T	0.28	0.03	2.24E-17
rs114409286	G	A	0.15	0.01	2.25E-17
rs56165026	T	C	0.23	0.02	2.26E-17
rs140495397	G	A	0.23	0.02	2.29E-17
rs138871332	C	T	0.24	0.02	2.30E-17
rs144107511	C	T	0.23	0.02	2.30E-17
rs147968997	T	C	0.23	0.02	2.30E-17
rs12109282	C	T	0.22	0.02	2.31E-17
rs79852938	C	T	0.22	0.02	2.31E-17
rs142389729	C	G	0.23	0.02	2.32E-17
rs140676102	T	C	0.24	0.02	2.32E-17
rs185524491	A	G	0.2	0.02	2.33E-17
rs79923264	G	A	0.23	0.02	2.33E-17
rs191692312	A	G	0.22	0.02	2.34E-17
rs142862724	A	C	0.29	0.03	2.35E-17
rs74475897	A	G	0.22	0.02	2.35E-17
rs528563634	T	C	0.81	0.09	2.35E-17
rs111777301	C	T	0.23	0.02	2.37E-17
rs113046250	G	A	0.22	0.02	2.41E-17
rs114546527	G	T	0.24	0.02	2.44E-17
rs184164747	C	A	0.6	0.07	2.45E-17
rs137909748	A	G	0.29	0.03	2.47E-17
rs113158323	T	C	0.11	0.01	2.48E-17
rs146139173	A	G	0.33	0.03	2.48E-17
rs144337679	C	T	0.23	0.02	2.50E-17
rs148031037	A	G	0.21	0.02	2.50E-17
rs541395041	A	G	0.21	0.02	2.51E-17
rs574251665	G	T	0.21	0.02	2.51E-17
rs148033427	C	G	0.23	0.02	2.51E-17
rs140784170	T	G	0.33	0.03	2.51E-17
rs144517573	T	C	0.11	0.01	2.51E-17
rs115363530	C	G	3.25	0.38	2.53E-17
rs73384981	G	C	0.22	0.02	2.53E-17
rs142349096	C	T	0.24	0.02	2.53E-17
rs115577377	T	C	0.24	0.02	2.53E-17
rs78272191	A	T	0.19	0.02	2.54E-17
rs190320289	A	G	0.24	0.02	2.54E-17
rs75876333	T	C	0.22	0.02	2.58E-17

rs142217671	C	T	0.28	0.03	2.59E-17
rs77083488	G	A	0.23	0.02	2.59E-17
rs185079348	A	G	0.23	0.02	2.59E-17
rs78389716	G	A	0.22	0.02	2.59E-17
rs73663857	T	C	0.39	0.04	2.60E-17
rs116217331	A	C	0.2	0.02	2.61E-17
rs114317032	T	G	0.22	0.02	2.61E-17
rs115780740	A	C	0.23	0.02	2.61E-17
rs188748149	T	C	0.23	0.02	2.61E-17
rs112747779	G	A	0.23	0.02	2.63E-17
rs57651158	T	C	0.23	0.02	2.63E-17
rs58278335	A	C	0.22	0.02	2.65E-17
rs191796224	A	T	0.22	0.02	2.65E-17
rs533241241	A	G	0.26	0.03	2.65E-17
rs193240169	T	C	0.23	0.02	2.66E-17
rs574295117	T	G	0.23	0.02	2.67E-17
rs141332265	C	T	0.22	0.02	2.67E-17
rs370425743	G	T	0.12	0.01	2.67E-17
rs539516582	C	T	0.22	0.02	2.68E-17
rs111576726	C	T	0.23	0.02	2.69E-17
rs74959867	G	A	0.24	0.02	2.70E-17
rs10087865	G	A	0.23	0.02	2.70E-17
rs56378909	A	G	0.23	0.02	2.71E-17
rs112589322	A	C	0.17	0.02	2.73E-17
rs562316973	C	G	0.42	0.04	2.73E-17
rs149940592	G	A	0.22	0.02	2.73E-17
rs114943113	C	T	0.11	0.01	2.73E-17
rs569857065	T	G	0.23	0.02	2.73E-17
rs370571175	A	G	4.59	0.54	2.73E-17
rs138786618	G	A	0.23	0.02	2.75E-17
rs193043053	T	C	0.22	0.02	2.75E-17
rs192265008	A	G	0.22	0.02	2.75E-17
rs150154759	T	C	0.22	0.02	2.75E-17
rs112602091	T	C	0.22	0.02	2.76E-17
rs528446798	T	C	0.41	0.04	2.77E-17
rs61630823	C	T	0.23	0.02	2.77E-17
rs146750946	G	C	0.23	0.02	2.78E-17
rs137869498	G	A	0.22	0.02	2.78E-17
rs73938113	A	G	0.23	0.02	2.78E-17
rs192888069	T	C	0.22	0.02	2.79E-17
rs373704145	T	C	0.34	0.04	2.80E-17
rs539355558	C	A	0.27	0.03	2.81E-17
rs554063794	A	G	0.22	0.02	2.81E-17
rs79447204	C	G	0.24	0.02	2.81E-17
rs144937782	A	G	0.24	0.02	2.82E-17
rs142701250	C	G	0.23	0.02	2.82E-17
rs147501604	G	C	0.22	0.02	2.82E-17
rs146120546	A	G	0.24	0.02	2.84E-17
rs371734509	C	G	0.3	0.03	2.85E-17
rs543558792	G	A	0.55	0.06	2.85E-17
rs58604640	C	T	0.22	0.02	2.85E-17
rs144228659	T	C	0.22	0.02	2.86E-17
rs112270577	A	C	0.23	0.02	2.88E-17
rs151046829	A	C	0.22	0.02	2.88E-17
rs372178388	A	T	0.43	0.05	2.88E-17
rs557812175	G	A	0.22	0.02	2.90E-17
rs142340434	G	A	0.29	0.03	2.90E-17
rs139329076	A	C	0.23	0.02	2.91E-17
rs11117685	C	A	0.23	0.02	2.91E-17
rs112725318	C	T	0.23	0.02	2.92E-17
rs529033305	C	T	0.24	0.02	2.92E-17

rs115437175	G	A	0.24	0.02	2.93E-17
rs149147363	A	C	0.23	0.02	2.93E-17
rs371169647	G	A	1.68	0.19	2.94E-17
rs186494930	T	A	0.47	0.05	2.94E-17
rs187879881	A	C	0.24	0.02	2.94E-17
rs114196044	G	C	0.23	0.02	2.95E-17
rs187213235	C	T	0.24	0.02	2.95E-17
rs10183307	T	C	0.11	0.01	2.97E-17
rs142323110	G	A	0.22	0.02	2.97E-17
rs147555054	G	A	0.37	0.04	2.97E-17
rs180965919	T	C	0.23	0.02	2.98E-17
rs76097294	A	G	0.15	0.01	2.99E-17
rs190236335	A	G	0.23	0.02	3.01E-17
rs149413268	T	C	0.23	0.02	3.02E-17
rs79452547	A	G	0.23	0.02	3.02E-17
rs78769335	G	A	0.1	0.01	3.03E-17
rs116515588	T	A	0.22	0.02	3.04E-17
rs183524644	G	A	0.28	0.03	3.04E-17
rs114607565	G	A	0.22	0.02	3.05E-17
rs11465327	C	A	0.23	0.02	3.05E-17
rs114925056	C	T	0.23	0.02	3.05E-17
rs141692673	A	G	0.23	0.02	3.05E-17
rs79854163	C	T	0.23	0.02	3.05E-17
rs111602129	G	A	0.23	0.02	3.05E-17
rs115178258	A	G	0.22	0.02	3.05E-17
rs113032850	T	A	0.23	0.02	3.05E-17
rs186735980	G	A	0.22	0.02	3.06E-17
rs192549147	G	A	0.24	0.02	3.06E-17
rs146510651	A	T	0.24	0.02	3.06E-17
rs114387116	C	G	0.24	0.02	3.06E-17
rs185568669	G	A	0.24	0.02	3.06E-17
rs141159395	A	G	0.24	0.02	3.06E-17
rs115391942	C	T	0.24	0.02	3.06E-17
rs190259804	G	T	0.24	0.02	3.06E-17
rs185080410	G	A	0.24	0.02	3.06E-17
rs77993554	T	C	0.24	0.02	3.06E-17
rs531196981	A	G	0.24	0.02	3.06E-17
rs180747690	G	A	0.24	0.02	3.06E-17
rs150084619	T	C	0.24	0.02	3.06E-17
rs548298143	C	G	0.24	0.02	3.06E-17
rs116219319	A	G	0.24	0.02	3.06E-17
rs116446424	T	C	0.24	0.02	3.06E-17
rs182346439	G	A	0.24	0.02	3.06E-17
rs115101979	T	C	0.24	0.02	3.06E-17
rs114976919	G	A	0.24	0.02	3.07E-17
rs114255528	C	T	0.24	0.02	3.07E-17
rs181045803	A	G	0.31	0.03	3.09E-17
rs113655992	A	G	0.23	0.02	3.09E-17
rs151247319	G	C	0.22	0.02	3.09E-17
rs149808723	C	T	0.24	0.02	3.10E-17
rs147777342	A	G	0.23	0.02	3.12E-17
rs61273768	C	T	0.22	0.02	3.12E-17
rs144096497	T	G	0.23	0.02	3.13E-17
rs538785046	A	G	0.24	0.02	3.14E-17
rs116269717	G	A	0.22	0.02	3.14E-17
rs12373677	A	G	0.23	0.02	3.15E-17
rs116207759	G	C	0.22	0.02	3.16E-17
rs116079945	C	T	0.22	0.02	3.17E-17
rs144201059	T	A	0.22	0.02	3.18E-17
rs189076925	G	A	0.22	0.02	3.18E-17
rs146348938	A	G	0.22	0.02	3.19E-17



rs186107840	A	T	0.23	0.02	3.19E-17
rs191019314	C	G	4.58	0.54	3.20E-17
rs149059663	G	T	0.23	0.02	3.20E-17
rs114583265	G	T	0.22	0.02	3.20E-17
rs143611937	C	T	0.22	0.02	3.20E-17
rs151294745	C	G	0.22	0.02	3.21E-17
rs114344184	T	G	0.22	0.02	3.21E-17
rs73936877	A	T	0.18	0.02	3.21E-17
rs111873563	T	C	0.22	0.02	3.21E-17
rs115387290	A	G	0.22	0.02	3.21E-17
rs553682621	C	T	0.22	0.02	3.21E-17
rs113616715	T	C	0.23	0.02	3.22E-17
rs146946299	G	T	0.22	0.02	3.23E-17
rs6660263	T	C	0.22	0.02	3.25E-17
rs531991989	G	A	0.35	0.04	3.25E-17
rs115439851	A	G	0.22	0.02	3.26E-17
rs145080184	T	C	0.22	0.02	3.26E-17
rs113784221	T	C	0.23	0.02	3.29E-17
rs114862341	T	A	0.22	0.02	3.29E-17
rs146678273	G	T	0.24	0.02	3.30E-17
rs145347238	T	A	0.4	0.04	3.30E-17
rs146806780	G	A	0.4	0.04	3.30E-17
rs182051477	C	T	0.24	0.02	3.31E-17
rs552925517	C	T	0.25	0.02	3.32E-17
rs115124634	T	C	0.23	0.02	3.34E-17
rs192272829	G	C	0.22	0.02	3.35E-17
rs76505762	C	T	0.2	0.02	3.37E-17
rs140708021	T	G	0.22	0.02	3.37E-17
rs147886643	C	T	0.22	0.02	3.39E-17
rs72975016	C	T	0.19	0.02	3.43E-17
rs73537008	C	T	0.25	0.03	3.45E-17
rs147193217	T	G	0.23	0.02	3.45E-17
rs554648019	C	T	0.22	0.02	3.45E-17
rs186625595	C	T	0.22	0.02	3.46E-17
rs145226290	A	T	0.21	0.02	3.46E-17
rs116109378	T	C	0.22	0.02	3.48E-17
rs141989244	A	G	0.23	0.02	3.49E-17
rs143276619	T	C	0.15	0.01	3.51E-17
rs142383202	G	C	0.22	0.02	3.52E-17
rs147607540	T	C	1.2	0.14	3.53E-17
rs138121906	C	T	0.22	0.02	3.54E-17
rs115087694	T	C	0.22	0.02	3.55E-17
rs17046290	C	T	0.22	0.02	3.56E-17
rs188800252	G	A	0.69	0.08	3.57E-17
rs148341946	T	A	0.11	0.01	3.57E-17
rs58297452	A	G	0.22	0.02	3.58E-17
rs186257008	T	C	0.21	0.02	3.58E-17
rs559133011	T	C	0.8	0.09	3.59E-17
rs541837552	G	T	0.22	0.02	3.60E-17
rs559066959	G	C	0.22	0.02	3.60E-17
rs145173353	T	G	0.22	0.02	3.60E-17
rs552186163	C	T	0.23	0.02	3.63E-17
rs114219447	C	A	0.24	0.02	3.64E-17
rs147424564	G	A	0.23	0.02	3.65E-17
rs140444822	G	C	0.23	0.02	3.66E-17
rs113408508	T	G	0.22	0.02	3.66E-17
rs541522607	A	G	0.24	0.02	3.68E-17
rs181508683	T	C	0.22	0.02	3.70E-17
rs79656568	T	G	0.11	0.01	3.71E-17
rs141340127	G	C	1.63	0.19	3.72E-17
rs147715595	T	G	0.24	0.02	3.73E-17

rs182478489	C	G	0.33	0.03	3.74E-17
rs143969985	T	C	0.4	0.04	3.75E-17
rs118154712	A	C	0.24	0.02	3.75E-17
rs145316528	C	G	0.22	0.02	3.76E-17
rs114458152	A	G	0.22	0.02	3.76E-17
rs146590227	T	C	0.22	0.02	3.78E-17
rs191924388	T	C	0.22	0.02	3.81E-17
rs149107001	G	A	0.22	0.02	3.81E-17
rs80149347	T	C	0.22	0.02	3.81E-17
rs566355865	G	C	0.22	0.02	3.82E-17
rs182416806	G	A	0.23	0.02	3.82E-17
rs572605470	T	G	0.59	0.07	3.83E-17
rs528061154	A	G	0.23	0.02	3.84E-17
rs577509269	C	T	0.32	0.03	3.84E-17
rs12336923	T	G	0.28	0.03	3.84E-17
rs114690852	C	T	0.22	0.02	3.85E-17
rs111900191	T	A	0.15	0.01	3.87E-17
rs564323895	G	A	29.14	3.46	3.88E-17
rs140770982	T	C	0.22	0.02	3.89E-17
rs140558925	C	T	0.22	0.02	3.89E-17
rs73469661	C	T	0.1	0.01	3.90E-17
rs73189099	A	G	0.22	0.02	3.92E-17
rs193037609	C	G	0.14	0.01	3.92E-17
rs112713508	A	C	0.38	0.04	3.93E-17
rs115649400	C	T	0.22	0.02	3.93E-17
rs374146754	T	C	0.22	0.02	3.93E-17
rs114916609	C	T	0.22	0.02	3.94E-17
rs141498027	C	T	0.59	0.07	3.94E-17
rs149453914	G	A	0.22	0.02	3.95E-17
rs546052768	G	A	0.24	0.02	3.95E-17
rs115498611	A	T	0.21	0.02	3.96E-17
rs554905377	A	C	0.34	0.04	3.97E-17
rs116834041	A	G	0.21	0.02	3.97E-17
rs115424085	C	T	0.24	0.02	3.97E-17
rs564493504	A	G	0.22	0.02	3.98E-17
rs112536173	T	C	0.22	0.02	3.98E-17
rs141126443	T	C	0.37	0.04	3.99E-17
rs143894373	G	C	0.24	0.02	4.01E-17
rs114115397	T	A	0.22	0.02	4.01E-17
rs555572485	G	A	0.22	0.02	4.03E-17
rs77364298	C	T	0.22	0.02	4.04E-17
rs532154393	G	A	0.18	0.02	4.05E-17
rs146690607	A	T	0.22	0.02	4.05E-17
rs144417103	T	C	0.22	0.02	4.07E-17
rs77598743	A	G	0.23	0.02	4.08E-17
rs116492428	G	A	0.07	0.008717	4.08E-17
rs114753898	T	G	0.22	0.02	4.08E-17
rs528654112	C	A	0.22	0.02	4.08E-17
rs114027491	G	C	0.23	0.02	4.09E-17
rs183970996	A	G	0.22	0.02	4.09E-17
rs192327688	A	C	0.11	0.01	4.11E-17
rs143431772	T	C	0.22	0.02	4.12E-17
rs143541357	C	T	0.22	0.02	4.13E-17
rs147940411	T	C	0.23	0.02	4.16E-17
rs80186776	G	T	0.23	0.02	4.16E-17
rs141503966	G	A	0.22	0.02	4.17E-17
rs139780262	T	C	0.23	0.02	4.19E-17
rs74616768	A	G	0.11	0.01	4.21E-17
rs115352774	T	G	0.24	0.02	4.21E-17
rs113003255	A	C	0.23	0.02	4.21E-17
rs376157010	A	C	0.23	0.02	4.22E-17

rs148354484	G	T	0.22	0.02	4.23E-17
rs7820760	T	C	0.21	0.02	4.23E-17
rs143076831	C	G	0.22	0.02	4.24E-17
rs137964649	A	G	0.22	0.02	4.24E-17
rs147265984	C	A	0.22	0.02	4.25E-17
rs115468345	A	G	0.22	0.02	4.26E-17
rs56745993	A	C	0.22	0.02	4.26E-17
rs191766788	C	T	0.22	0.02	4.26E-17
rs151194446	T	C	0.22	0.02	4.28E-17
rs28454474	G	A	0.25	0.03	4.28E-17
rs142424200	A	G	0.22	0.02	4.28E-17
rs145424797	A	G	0.22	0.02	4.29E-17
rs149028308	C	T	0.23	0.02	4.29E-17
rs141251790	C	T	0.22	0.02	4.31E-17
rs140694301	A	G	0.2	0.02	4.31E-17
rs149325969	G	A	0.1	0.01	4.31E-17
rs17046277	T	C	0.22	0.02	4.32E-17
rs147513942	C	A	0.38	0.04	4.32E-17
rs77007463	T	A	0.22	0.02	4.34E-17
rs113266245	T	C	0.38	0.04	4.34E-17
rs192744623	A	G	0.31	0.03	4.35E-17
rs142700981	C	T	0.35	0.04	4.35E-17
rs149858883	T	A	0.22	0.02	4.35E-17
rs139248946	G	C	0.23	0.02	4.38E-17
rs188476134	A	G	0.22	0.02	4.40E-17
rs17046286	T	C	0.22	0.02	4.40E-17
rs148159416	T	G	0.22	0.02	4.41E-17
rs116140963	T	C	0.23	0.02	4.41E-17
rs77290386	T	G	0.22	0.02	4.41E-17
rs368552468	C	G	0.22	0.02	4.42E-17
rs144734384	A	T	0.22	0.02	4.43E-17
rs58732845	T	C	0.11	0.01	4.43E-17
rs115240732	A	G	0.22	0.02	4.43E-17
rs115253080	A	C	0.22	0.02	4.43E-17
rs75150967	T	C	0.17	0.02	4.44E-17
rs150697797	G	A	0.22	0.02	4.44E-17
rs140876018	C	T	0.22	0.02	4.44E-17
rs181376874	T	G	0.22	0.02	4.45E-17
rs569026550	C	T	0.22	0.02	4.45E-17
rs17086704	T	C	0.22	0.02	4.51E-17
rs565127464	C	G	0.23	0.02	4.51E-17
rs146640965	A	G	0.24	0.02	4.52E-17
rs151212486	T	C	0.22	0.02	4.54E-17
rs116520851	G	A	0.22	0.02	4.57E-17
rs188415371	G	A	0.22	0.02	4.57E-17
rs548992781	T	C	0.22	0.02	4.57E-17
rs111772049	C	A	0.22	0.02	4.58E-17
rs73111439	G	T	0.27	0.03	4.61E-17
rs182864616	T	C	0.32	0.03	4.61E-17
rs551711252	G	A	0.33	0.04	4.62E-17
rs188709509	T	C	0.41	0.05	4.63E-17
rs187014093	G	A	0.55	0.06	4.65E-17
rs139471566	T	A	0.22	0.02	4.67E-17
rs143999738	T	C	0.61	0.07	4.68E-17
rs147470563	T	G	0.27	0.03	4.70E-17
rs529664362	C	G	0.41	0.04	4.70E-17
rs116733808	T	C	0.22	0.02	4.71E-17
rs78118731	T	C	0.11	0.01	4.73E-17
rs780449366	T	G	0.08	0.0096614	4.74E-17
rs79890931	T	G	0.22	0.02	4.76E-17
rs549660665	A	G	0.23	0.02	4.77E-17

rs75535389	A	G	0.25	0.02	4.77E-17
rs185930746	A	G	0.28	0.03	4.78E-17
rs146885268	G	A	0.11	0.01	4.79E-17
rs73691819	T	G	0.1	0.01	4.80E-17
rs75190159	A	G	0.24	0.02	4.80E-17
rs180815876	A	G	0.22	0.02	4.80E-17
rs140854721	A	C	0.22	0.02	4.82E-17
rs188016404	A	C	0.22	0.02	4.83E-17
rs560351526	T	C	0.23	0.02	4.85E-17
rs145429769	C	T	0.11	0.01	4.85E-17
rs138584108	C	T	0.57	0.06	4.86E-17
rs192091303	A	G	0.22	0.02	4.86E-17
rs114499641	A	G	0.22	0.02	4.89E-17
rs552974944	C	G	0.22	0.02	4.92E-17
rs77489092	A	G	0.25	0.03	4.94E-17
rs771841064	A	G	0.1	0.01	4.96E-17
rs536475575	T	A	0.23	0.02	4.97E-17
rs142145047	C	T	0.22	0.02	4.97E-17
rs183000338	A	G	0.32	0.03	4.99E-17
rs180689578	A	G	0.23	0.02	5.00E-17
rs28368027	C	T	0.22	0.02	5.05E-17
rs184916361	C	A	0.37	0.04	5.05E-17
rs376313949	T	C	0.07	0.0094545	5.06E-17
rs149823332	G	A	0.22	0.02	5.06E-17
rs187857794	A	G	0.29	0.03	5.08E-17
rs73663858	T	C	0.39	0.04	5.08E-17
rs4318643	T	C	0.14	0.01	5.09E-17
rs187422806	T	C	0.36	0.04	5.10E-17
rs79544537	T	C	0.22	0.02	5.14E-17
rs535493236	C	T	0.3	0.03	5.16E-17
rs141792294	G	A	0.22	0.02	5.17E-17
rs371069068	G	A	0.23	0.02	5.18E-17
rs554876741	A	G	0.29	0.03	5.18E-17
rs74064590	T	C	0.23	0.02	5.19E-17
rs13414795	A	G	0.71	0.08	5.19E-17
rs140505503	C	T	0.18	0.02	5.20E-17
rs142498780	C	A	0.11	0.01	5.22E-17
rs113238555	A	G	0.32	0.03	5.23E-17
rs114485419	C	T	0.17	0.02	5.25E-17
rs114325527	A	G	0.25	0.03	5.27E-17
rs112248081	A	C	0.15	0.01	5.28E-17
rs183155731	T	C	0.2	0.02	5.29E-17
rs181118928	A	G	0.25	0.03	5.35E-17
rs192486426	T	C	0.29	0.03	5.36E-17
rs75054050	C	T	0.1	0.01	5.36E-17
rs114673375	G	C	0.23	0.02	5.39E-17
rs115668182	A	T	0.22	0.02	5.41E-17
rs144280088	A	G	0.22	0.02	5.43E-17
rs114407527	T	C	0.51	0.06	5.43E-17
rs535086870	A	G	0.22	0.02	5.45E-17
rs568843134	T	G	0.22	0.02	5.45E-17
rs6972411	G	T	0.22	0.02	5.46E-17
rs138060967	A	G	0.22	0.02	5.48E-17
rs550202275	C	T	0.22	0.02	5.48E-17
rs181616322	C	T	0.09	0.01	5.49E-17
rs73691837	G	A	0.09	0.01	5.52E-17
rs112524885	A	T	0.15	0.01	5.53E-17
rs147956790	A	G	0.22	0.02	5.55E-17
rs185866643	A	G	0.22	0.02	5.55E-17
rs368792428	T	C	0.22	0.02	5.55E-17
rs547109376	C	T	0.22	0.02	5.55E-17

rs150823879	T	C	1.14	0.13	5.56E-17
rs192322767	A	G	0.07	0.0093937	5.58E-17
rs570135750	T	C	0.22	0.02	5.59E-17
rs74317457	C	T	0.22	0.02	5.61E-17
rs118114238	C	T	0.48	0.05	5.63E-17
rs77947776	A	C	0.22	0.02	5.63E-17
rs73691822	A	T	0.1	0.01	5.64E-17
rs149987643	T	C	0.24	0.02	5.65E-17
rs143684153	C	T	0.23	0.02	5.67E-17
rs55705842	G	A	0.22	0.02	5.71E-17
rs547658079	G	T	0.22	0.02	5.71E-17
rs531372933	T	A	0.23	0.02	5.73E-17
rs548366555	T	C	0.23	0.02	5.73E-17
rs527875174	A	G	0.23	0.02	5.74E-17
rs77967308	A	G	0.19	0.02	5.74E-17
rs118153944	G	A	0.23	0.02	5.75E-17
rs563083301	A	G	0.22	0.02	5.77E-17
rs140895425	G	A	0.22	0.02	5.80E-17
rs146312003	C	T	0.22	0.02	5.84E-17
rs28532369	G	A	0.07	0.0093963	5.86E-17
3:20411114_C_T	T	C	0.07	0.0085658	5.86E-17
rs116161129	T	G	0.28	0.03	5.86E-17
rs149305939	T	C	0.22	0.02	5.86E-17
rs138690785	T	G	0.32	0.03	5.88E-17
rs185752612	A	G	0.23	0.02	5.88E-17
rs535614620	T	C	0.28	0.03	5.91E-17
rs116469717	T	C	0.22	0.02	5.94E-17
rs190088036	C	G	0.22	0.02	5.94E-17
rs184304190	G	C	0.22	0.02	5.95E-17
rs188463509	G	A	0.22	0.02	5.95E-17
rs185623382	A	G	0.21	0.02	5.98E-17
rs139179180	A	G	0.22	0.02	5.98E-17
rs576392638	T	C	0.22	0.02	5.99E-17
rs558300216	T	C	0.22	0.02	6.02E-17
rs577600562	G	C	0.22	0.02	6.03E-17
rs72975023	C	T	0.19	0.02	6.03E-17
rs191119917	A	G	0.22	0.02	6.06E-17
rs545651151	C	T	0.22	0.02	6.07E-17
rs113525469	C	T	0.22	0.02	6.08E-17
rs73404409	T	A	0.22	0.02	6.11E-17
rs1442768	A	G	0.22	0.02	6.13E-17
rs112332945	A	G	0.22	0.02	6.15E-17
rs148310134	T	C	0.21	0.02	6.16E-17
rs186467936	A	G	0.22	0.02	6.17E-17
rs17046284	A	G	0.22	0.02	6.18E-17
rs75169620	G	T	0.23	0.02	6.19E-17
rs117308210	T	C	0.1	0.01	6.21E-17
rs558157961	C	A	0.22	0.02	6.25E-17
rs183733525	G	C	0.38	0.04	6.26E-17
rs115136855	G	A	0.22	0.02	6.28E-17
rs12269155	G	C	0.18	0.02	6.28E-17
rs147266785	A	G	0.22	0.02	6.32E-17
rs145751424	G	A	0.22	0.02	6.36E-17
rs565589703	C	T	0.22	0.02	6.36E-17
rs75424325	A	G	0.22	0.02	6.41E-17
rs146561185	C	T	0.22	0.02	6.42E-17
rs73808709	G	A	0.18	0.02	6.44E-17
rs150943376	T	C	0.24	0.02	6.45E-17
rs76007439	C	T	0.23	0.02	6.46E-17
rs144552835	T	C	0.22	0.02	6.48E-17
rs545518744	C	G	0.22	0.02	6.49E-17

rs371095802	C	T	0.3	0.03	6.50E-17
rs192962398	A	G	0.22	0.02	6.50E-17
rs61425287	A	G	0.1	0.01	6.51E-17
rs78557224	A	G	0.16	0.02	6.52E-17
rs148215019	A	G	0.15	0.01	6.52E-17
rs139822744	C	T	0.37	0.04	6.64E-17
rs116283672	A	G	0.38	0.04	6.65E-17
rs188869510	T	G	0.22	0.02	6.65E-17
rs147669672	T	G	0.25	0.03	6.69E-17
rs148901068	G	T	0.22	0.02	6.72E-17
rs141105487	T	C	0.22	0.02	6.73E-17
rs113228219	A	G	0.22	0.02	6.74E-17
rs16827402	A	T	0.22	0.02	6.76E-17
rs143902912	G	T	0.11	0.01	6.77E-17
rs373089201	A	T	0.58	0.07	6.80E-17
rs150718656	T	C	0.22	0.02	6.81E-17
rs549936585	C	G	0.22	0.02	6.82E-17
rs72999305	T	C	0.22	0.02	6.82E-17
rs183268477	A	G	0.34	0.04	6.84E-17
rs79952292	A	G	0.23	0.02	6.89E-17
rs548923982	A	G	0.23	0.02	6.89E-17
rs148353231	C	T	0.21	0.02	6.91E-17
rs140745332	C	T	1.85	0.22	6.92E-17
rs73938110	G	A	0.22	0.02	6.92E-17
rs115180441	C	G	0.22	0.02	6.95E-17
rs75345387	C	A	0.23	0.02	6.95E-17
rs140041446	G	A	0.38	0.04	7.01E-17
rs530413761	G	A	0.22	0.02	7.02E-17
rs116821143	G	T	0.22	0.02	7.08E-17
rs150731378	C	T	0.22	0.02	7.08E-17
rs191032541	T	G	0.12	0.01	7.09E-17
rs116557583	T	C	0.17	0.02	7.10E-17
rs79555753	T	C	0.22	0.02	7.19E-17
rs115164047	C	T	0.2	0.02	7.19E-17
rs117955830	A	G	0.24	0.02	7.20E-17
rs115431637	G	C	0.22	0.02	7.23E-17
rs143656589	T	C	0.22	0.02	7.24E-17
rs575205658	C	T	0.2	0.02	7.25E-17
rs116238215	T	C	0.22	0.02	7.26E-17
rs116194722	C	G	0.29	0.03	7.27E-17
rs146474604	T	G	0.23	0.02	7.28E-17
rs10265047	T	C	0.22	0.02	7.28E-17
rs772790219	T	C	0.11	0.01	7.28E-17
rs114770978	A	C	0.27	0.03	7.37E-17
rs143865373	G	A	0.22	0.02	7.39E-17
rs142295511	A	C	0.21	0.02	7.44E-17
rs185948086	C	T	0.22	0.02	7.48E-17
rs537932884	G	A	0.26	0.03	7.49E-17
rs145958601	A	G	0.29	0.03	7.49E-17
rs553130060	A	G	0.11	0.01	7.54E-17
rs78160872	C	T	0.22	0.02	7.54E-17
rs76428572	T	C	0.17	0.02	7.55E-17
rs76764333	C	T	0.11	0.01	7.57E-17
rs142359457	T	C	0.13	0.01	7.58E-17
rs76279675	C	T	0.22	0.02	7.60E-17
rs149671097	C	G	0.22	0.02	7.60E-17
rs549235599	C	T	0.5	0.06	7.61E-17
rs372273224	G	T	0.19	0.02	7.66E-17
rs58932792	G	C	0.25	0.03	7.67E-17
rs140159482	G	C	0.23	0.02	7.69E-17
rs116063928	C	T	0.22	0.02	7.72E-17

rs75047403	C	A	0.23	0.02	7.75E-17
rs151252302	T	C	0.29	0.03	7.75E-17
rs148565822	A	G	0.22	0.02	7.81E-17
rs76070894	A	C	0.3	0.03	7.83E-17
rs535359678	T	C	0.22	0.02	7.86E-17
rs114668805	A	G	0.21	0.02	7.87E-17
rs147918349	C	T	0.09	0.01	7.88E-17
rs530510633	C	T	0.35	0.04	7.88E-17
rs147883861	A	G	0.27	0.03	7.90E-17
rs767981160	T	C	0.07	0.0087207	7.91E-17
rs143387341	C	T	0.23	0.02	7.93E-17
rs148412132	A	G	0.22	0.02	7.94E-17
rs537069602	G	A	0.23	0.02	7.96E-17
rs181007893	T	G	0.09	0.01	7.97E-17
rs555099568	A	G	0.22	0.02	7.98E-17
rs183242037	T	G	0.24	0.02	7.98E-17
rs186120348	A	G	0.18	0.02	7.99E-17
rs145646241	G	A	0.22	0.02	8.02E-17
rs138664953	G	T	0.11	0.01	8.03E-17
rs373702992	C	G	0.22	0.02	8.03E-17
rs567838624	T	A	0.22	0.02	8.03E-17
rs9359525	C	T	0.22	0.02	8.05E-17
rs369405681	T	A	0.23	0.02	8.06E-17
rs112843865	T	C	0.22	0.02	8.08E-17
rs566479179	C	T	0.22	0.02	8.09E-17
rs146510891	C	A	0.22	0.02	8.14E-17
rs187705577	C	A	0.21	0.02	8.15E-17
rs78556125	T	C	0.21	0.02	8.15E-17
rs73359961	T	G	0.22	0.02	8.17E-17
rs79752091	T	C	0.32	0.03	8.19E-17
rs142777581	C	T	0.3	0.03	8.22E-17
rs150847513	C	T	0.22	0.02	8.23E-17
rs116382383	C	A	0.22	0.02	8.23E-17
rs190836217	C	G	0.22	0.02	8.26E-17
rs537514352	T	C	0.24	0.02	8.29E-17
rs184185324	C	T	0.63	0.07	8.33E-17
rs187716689	C	T	2.75	0.33	8.39E-17
rs138280108	C	A	0.22	0.02	8.45E-17
rs528535960	G	C	0.22	0.02	8.53E-17
rs149408293	G	T	0.22	0.02	8.55E-17
rs150254253	T	C	0.3	0.03	8.57E-17
rs547074322	T	A	0.22	0.02	8.60E-17
rs138342737	T	C	0.45	0.05	8.62E-17
rs146352541	T	C	0.22	0.02	8.66E-17
rs144367155	T	C	0.22	0.02	8.67E-17
rs148408213	G	A	0.12	0.01	8.69E-17
rs144406427	C	T	0.22	0.02	8.70E-17
rs547618480	C	A	0.23	0.02	8.70E-17
rs140074935	A	G	0.22	0.02	8.71E-17
rs75674081	G	T	0.11	0.01	8.72E-17
rs149492853	T	A	0.22	0.02	8.72E-17
rs181487361	A	T	0.22	0.02	8.81E-17
rs187201559	C	G	0.21	0.02	8.82E-17
rs115719747	A	G	0.33	0.04	8.88E-17
rs151044330	G	A	0.12	0.01	8.90E-17
rs140143608	A	G	0.39	0.04	8.90E-17
rs115014059	G	A	0.22	0.02	8.95E-17
rs113738604	A	C	0.31	0.03	8.95E-17
rs138068966	G	A	0.18	0.02	8.96E-17
rs79066369	C	A	0.25	0.03	8.96E-17
rs114227621	C	T	0.22	0.02	8.97E-17

rs116663583	T	C	0.22	0.02	8.98E-17
rs187562397	G	A	0.22	0.02	8.99E-17
rs116514763	A	G	0.22	0.02	9.01E-17
rs115532615	A	G	0.16	0.02	9.03E-17
rs575932175	T	A	0.25	0.03	9.06E-17
rs115690762	T	C	0.22	0.02	9.08E-17
rs542113014	G	A	0.24	0.02	9.12E-17
rs549470115	C	T	0.23	0.02	9.17E-17
rs144741271	G	C	0.12	0.01	9.22E-17
rs551508849	G	A	0.22	0.02	9.25E-17
rs146339721	T	G	0.22	0.02	9.26E-17
rs141272940	A	G	0.21	0.02	9.31E-17
rs149247397	A	C	0.22	0.02	9.39E-17
rs74988245	A	C	0.22	0.02	9.40E-17
rs544928534	A	T	0.22	0.02	9.42E-17
rs562736187	G	A	0.22	0.02	9.42E-17
rs75270111	G	A	0.23	0.02	9.44E-17
rs192381401	G	T	0.22	0.02	9.46E-17
rs117322812	A	G	0.27	0.03	9.49E-17
rs183973483	G	A	0.23	0.02	9.52E-17
rs56060846	T	A	0.22	0.02	9.52E-17
rs149193213	C	T	0.25	0.03	9.55E-17
rs73809302	A	G	0.15	0.01	9.60E-17
rs76470380	A	G	0.22	0.02	9.63E-17
rs142111391	A	G	0.22	0.02	9.66E-17
rs116252084	G	A	0.22	0.02	9.73E-17
rs555461604	C	T	0.17	0.02	9.79E-17
rs114144522	T	G	0.12	0.01	9.80E-17
rs367588581	C	T	0.24	0.02	9.80E-17
rs534699596	A	C	0.28	0.03	9.84E-17
rs76100333	G	A	0.23	0.02	9.84E-17
rs78472173	T	C	0.22	0.02	9.87E-17
rs147366347	G	A	0.23	0.02	9.92E-17
rs56928089	A	G	0.22	0.02	9.92E-17
rs113997539	A	T	0.22	0.02	9.94E-17
rs115764437	G	A	0.23	0.02	9.95E-17
rs115795358	T	G	0.23	0.02	9.96E-17
rs151185321	C	A	0.22	0.02	9.99E-17
rs183594895	C	T	0.26	0.03	9.99E-17
rs111353140	T	C	0.22	0.02	1.00E-16
rs191916642	A	G	0.23	0.02	1.00E-16
rs185072741	A	G	0.23	0.02	1.00E-16
rs183050230	A	G	0.07	0.0089765	1.00E-16
rs138502273	C	A	0.22	0.02	1.00E-16
rs139253108	A	G	0.22	0.02	1.00E-16
rs111268817	C	T	0.34	0.04	1.00E-16
rs181563763	T	A	0.23	0.02	1.00E-16
rs574521068	A	C	0.23	0.02	1.01E-16
rs186700329	A	G	0.13	0.01	1.01E-16
rs144102263	G	A	0.22	0.02	1.01E-16
rs78051924	C	T	0.22	0.02	1.01E-16
rs528878379	A	G	0.65	0.07	1.01E-16
rs74377392	T	C	0.21	0.02	1.02E-16
rs543938196	C	A	0.23	0.02	1.03E-16
rs569906719	T	C	0.23	0.02	1.03E-16
rs116148198	G	A	0.22	0.02	1.03E-16
rs114962833	T	C	0.23	0.02	1.04E-16
rs190798713	G	A	0.28	0.03	1.04E-16
rs79724706	T	C	0.22	0.02	1.04E-16
rs75276454	T	A	0.15	0.01	1.04E-16
rs191536122	C	T	0.22	0.02	1.04E-16



rs6886040	G	C	0.37	0.04	1.05E-16
rs139217580	A	C	0.22	0.02	1.06E-16
rs138951586	C	G	0.28	0.03	1.06E-16
rs185470818	G	C	0.22	0.02	1.07E-16
rs142038786	T	C	0.21	0.02	1.07E-16
rs115516566	T	C	0.22	0.02	1.07E-16
rs148129598	G	A	0.22	0.02	1.07E-16
rs141119434	C	T	0.22	0.02	1.08E-16
rs142540069	C	T	0.21	0.02	1.09E-16
rs147469651	G	A	0.22	0.02	1.09E-16
rs75685019	C	T	0.1	0.01	1.09E-16
rs114227192	A	G	0.22	0.02	1.09E-16
rs557401387	C	A	0.22	0.02	1.09E-16
rs372024117	G	A	6.99	0.84	1.09E-16
rs377760026	G	A	6.99	0.84	1.09E-16
rs77019004	A	G	6.99	0.84	1.09E-16
rs370452631	T	C	6.99	0.84	1.09E-16
rs141181603	G	A	0.22	0.02	1.09E-16
rs144034977	G	A	0.22	0.02	1.09E-16
rs115596862	A	C	0.21	0.02	1.10E-16
rs140647169	G	C	0.22	0.02	1.11E-16
rs183467566	T	G	0.21	0.02	1.12E-16
rs146713457	A	G	0.21	0.02	1.12E-16
rs535074652	G	C	0.22	0.02	1.12E-16
rs188404106	C	A	0.22	0.02	1.12E-16
rs143220525	G	A	0.21	0.02	1.12E-16
rs114442891	A	G	0.24	0.03	1.12E-16
rs372759121	T	C	0.21	0.02	1.12E-16
rs73936895	T	G	0.18	0.02	1.13E-16
rs73938470	G	A	0.22	0.02	1.13E-16
rs373073739	T	C	0.34	0.04	1.13E-16
rs115055447	A	G	0.22	0.02	1.13E-16
rs73835737	A	C	0.22	0.02	1.15E-16
rs111950058	G	C	0.22	0.02	1.16E-16
rs116671073	T	C	0.22	0.02	1.16E-16
rs115157583	C	G	0.22	0.02	1.16E-16
rs115681925	T	C	0.28	0.03	1.16E-16
rs6877293	C	T	0.35	0.04	1.17E-16
rs75942452	A	G	0.21	0.02	1.18E-16
rs142948191	T	G	0.22	0.02	1.18E-16
rs187676333	G	A	0.23	0.02	1.18E-16
rs116538907	T	G	0.21	0.02	1.19E-16
rs574042216	A	C	0.22	0.02	1.19E-16
rs113427654	C	T	0.21	0.02	1.19E-16
rs144024415	T	C	0.22	0.02	1.19E-16
rs58636325	T	C	0.15	0.01	1.19E-16
rs61745310	T	C	0.21	0.02	1.20E-16
rs143790540	G	A	0.22	0.02	1.20E-16
rs114103468	G	A	0.22	0.02	1.20E-16
rs12005395	A	G	0.21	0.02	1.20E-16
rs150820738	C	A	0.22	0.02	1.21E-16
rs568020830	A	G	1.38	0.16	1.21E-16
rs114100363	T	C	0.22	0.02	1.22E-16
rs138999944	A	G	0.21	0.02	1.23E-16
rs563006259	T	C	0.22	0.02	1.23E-16
rs142805326	C	T	0.22	0.02	1.24E-16
rs139434255	T	C	0.22	0.02	1.25E-16
rs117818553	A	C	0.24	0.02	1.25E-16
rs552074449	G	A	0.22	0.02	1.26E-16
rs553945077	G	A	0.11	0.01	1.26E-16
rs138245818	C	T	0.11	0.01	1.26E-16

rs376762911	C	T	0.25	0.03	1.26E-16
rs114792374	T	C	0.23	0.02	1.26E-16
rs145402696	C	T	0.35	0.04	1.26E-16
rs149789576	T	C	0.44	0.05	1.27E-16
rs181648487	A	T	0.22	0.02	1.27E-16
rs563526230	T	G	0.21	0.02	1.27E-16
rs79283773	C	T	0.34	0.04	1.28E-16
rs188253517	C	T	0.2	0.02	1.28E-16
rs72999154	A	G	0.22	0.02	1.28E-16
rs114607121	T	C	0.22	0.02	1.28E-16
rs587755878	G	A	0.08	0.01	1.28E-16
rs145124824	T	C	0.22	0.02	1.28E-16
rs148080763	A	G	0.23	0.02	1.29E-16
rs547710966	T	G	0.27	0.03	1.29E-16
rs557941119	A	G	0.21	0.02	1.29E-16
rs114535112	T	G	0.22	0.02	1.30E-16
rs536159770	C	A	0.22	0.02	1.30E-16
rs193271512	C	A	0.22	0.02	1.30E-16
rs79777234	T	A	0.21	0.02	1.30E-16
rs151174043	C	T	0.29	0.03	1.30E-16
rs141582987	T	G	0.22	0.02	1.30E-16
3:145005640_C_T	T	C	0.05	0.0064289	1.31E-16
rs146904264	C	T	0.21	0.02	1.31E-16
rs191422367	A	C	0.2	0.02	1.31E-16
rs148113972	T	A	0.21	0.02	1.31E-16
rs191025368	A	G	0.26	0.03	1.31E-16
rs183953999	G	T	0.22	0.02	1.32E-16
rs116664544	T	C	0.22	0.02	1.32E-16
rs182103454	A	G	0.42	0.05	1.33E-16
rs138039630	A	G	0.23	0.02	1.34E-16
rs530617351	T	A	0.23	0.02	1.34E-16
rs574684776	T	C	0.23	0.02	1.34E-16
rs112362022	T	C	0.27	0.03	1.34E-16
rs75935162	T	C	0.22	0.02	1.35E-16
rs149468372	C	G	0.22	0.02	1.36E-16
rs113214163	T	C	0.1	0.01	1.36E-16
rs148803934	T	G	0.22	0.02	1.36E-16
rs185512235	T	G	0.21	0.02	1.37E-16
rs185497943	G	C	0.39	0.04	1.37E-16
rs145305942	C	T	0.19	0.02	1.37E-16
rs139051727	A	G	0.23	0.02	1.37E-16
rs141906582	A	G	0.22	0.02	1.37E-16
rs184122780	C	T	0.22	0.02	1.38E-16
rs75202264	G	A	1.75	0.21	1.38E-16
rs148874210	T	C	0.22	0.02	1.39E-16
rs147187989	T	A	0.21	0.02	1.41E-16
rs114378602	G	A	0.22	0.02	1.42E-16
rs76204093	T	C	0.21	0.02	1.42E-16
rs141688973	C	T	0.22	0.02	1.42E-16
rs74805397	G	A	0.23	0.02	1.42E-16
rs140434860	G	A	0.21	0.02	1.43E-16
rs113800972	T	C	0.23	0.02	1.43E-16
rs577723132	T	C	0.22	0.02	1.45E-16
rs77728438	C	T	1.13	0.13	1.45E-16
rs115799231	T	G	0.21	0.02	1.46E-16
rs181138085	G	A	0.22	0.02	1.46E-16
rs115035367	G	A	0.22	0.02	1.47E-16
rs190373976	A	G	0.21	0.02	1.47E-16
rs137966515	T	C	0.22	0.02	1.47E-16
rs143767814	T	C	0.22	0.02	1.47E-16
rs114747908	A	C	0.11	0.01	1.48E-16

rs150368546	A	G	0.21	0.02	1.48E-16
rs16833905	A	G	0.21	0.02	1.48E-16
rs138196290	C	T	0.22	0.02	1.49E-16
rs112359419	A	T	2.06	0.24	1.50E-16
rs553706384	G	A	0.12	0.01	1.51E-16
rs183353900	G	A	0.09	0.01	1.51E-16
rs150528286	A	C	0.22	0.02	1.51E-16
rs114123238	A	G	0.22	0.02	1.51E-16
rs111448082	A	G	0.21	0.02	1.52E-16
rs113887855	T	G	0.21	0.02	1.52E-16
rs111335364	T	C	0.22	0.02	1.52E-16
rs116323366	T	C	0.22	0.02	1.52E-16
rs533616888	T	C	0.21	0.02	1.52E-16
rs143797172	T	C	0.21	0.02	1.53E-16
rs73948616	A	T	0.22	0.02	1.53E-16
rs114418463	C	A	0.1	0.01	1.53E-16
rs73749281	A	G	0.21	0.02	1.53E-16
rs74761452	T	C	0.35	0.04	1.53E-16
rs189194672	C	T	0.4	0.04	1.54E-16
rs191236705	G	T	0.23	0.02	1.54E-16
rs190326506	C	T	0.21	0.02	1.54E-16
rs554795176	C	T	0.25	0.03	1.54E-16
rs558377215	A	C	0.29	0.03	1.55E-16
rs181844977	A	G	0.47	0.05	1.55E-16
rs577548276	G	A	0.2	0.02	1.55E-16
rs115729377	G	C	0.31	0.03	1.55E-16
rs149759337	A	G	0.23	0.02	1.55E-16
rs57609008	G	C	0.11	0.01	1.56E-16
rs115843403	C	T	0.25	0.03	1.57E-16
rs145009593	T	C	0.21	0.02	1.58E-16
rs144422213	C	T	0.19	0.02	1.58E-16
rs371216504	C	T	0.2	0.02	1.60E-16
rs562502969	C	T	0.23	0.02	1.60E-16
rs548263764	T	C	0.07	0.0090856	1.61E-16
rs531134997	A	G	0.21	0.02	1.61E-16
rs73756507	C	G	0.07	0.0093247	1.62E-16
rs185935432	A	G	4.28	0.51	1.62E-16
rs140647216	G	A	0.22	0.02	1.64E-16
rs78769884	T	C	0.21	0.02	1.64E-16
rs190958544	G	C	0.21	0.02	1.64E-16
rs537795964	C	T	0.1	0.01	1.64E-16
rs115077856	A	G	0.23	0.02	1.65E-16
rs116840270	C	G	0.23	0.02	1.65E-16
rs149300282	G	A	0.44	0.05	1.65E-16
rs118036894	T	A	0.21	0.02	1.66E-16
rs140692702	C	A	0.21	0.02	1.66E-16
rs541889190	C	T	0.11	0.01	1.66E-16
rs77353845	T	C	2.7	0.32	1.67E-16
rs563858207	A	G	0.23	0.02	1.67E-16
rs73097011	C	T	0.12	0.01	1.68E-16
rs573665047	C	T	0.21	0.02	1.68E-16
rs143346704	C	G	0.22	0.02	1.68E-16
rs183847316	T	G	0.22	0.02	1.68E-16
rs142201537	T	C	0.22	0.02	1.68E-16
rs561734742	C	G	0.23	0.02	1.69E-16
rs534530466	A	T	0.22	0.02	1.69E-16
rs552400564	A	T	0.23	0.02	1.69E-16
rs17046373	C	T	0.21	0.02	1.70E-16
rs78981085	T	C	0.19	0.02	1.70E-16
rs111889373	A	G	0.21	0.02	1.72E-16
rs566319376	C	T	0.22	0.02	1.73E-16

rs376741258	C	A	0.21	0.02	1.73E-16
rs587652177	G	A	0.11	0.01	1.74E-16
rs115992928	T	C	0.22	0.02	1.74E-16
rs186694361	C	T	0.22	0.02	1.74E-16
rs115195456	G	T	0.11	0.01	1.75E-16
rs142403271	T	C	0.21	0.02	1.75E-16
rs112614419	A	G	0.27	0.03	1.75E-16
rs114576592	C	T	0.22	0.02	1.75E-16
rs113847866	G	A	0.21	0.02	1.75E-16
rs115121429	A	G	0.27	0.03	1.76E-16
rs532052493	C	T	2.6	0.31	1.76E-16
rs183090983	A	G	0.27	0.03	1.76E-16
rs146038981	A	G	0.2	0.02	1.78E-16
rs78844031	G	C	0.12	0.01	1.78E-16
rs11969546	A	C	0.21	0.02	1.79E-16
rs144261674	G	A	0.22	0.02	1.79E-16
rs542982940	G	A	0.23	0.02	1.80E-16
rs150730416	C	A	0.24	0.02	1.80E-16
rs182336424	T	C	0.22	0.02	1.81E-16
rs340168	C	T	-0.07	0.0090954	1.81E-16
rs10009511	T	C	0.14	0.01	1.81E-16
rs140674040	T	G	0.34	0.04	1.82E-16
rs116024745	G	A	0.22	0.02	1.82E-16
rs566999469	T	A	0.16	0.02	1.82E-16
rs144650364	T	A	0.21	0.02	1.83E-16
rs150489936	G	A	0.21	0.02	1.83E-16
rs78174723	G	A	0.22	0.02	1.84E-16
rs536011602	T	C	0.2	0.02	1.84E-16
rs114818272	C	T	0.22	0.02	1.84E-16
rs146765935	A	G	0.21	0.02	1.84E-16
rs139177862	A	C	0.21	0.02	1.84E-16
rs116115116	G	A	0.22	0.02	1.84E-16
rs116219158	G	T	0.11	0.01	1.85E-16
rs185613520	T	C	0.24	0.03	1.85E-16
rs150753199	T	C	0.21	0.02	1.85E-16
rs151267963	C	T	0.23	0.02	1.87E-16
rs140339471	C	A	4.38	0.53	1.88E-16
rs112157569	C	T	0.2	0.02	1.89E-16
rs74522828	T	C	0.21	0.02	1.89E-16
rs556999887	C	T	0.22	0.02	1.89E-16
rs144405697	C	G	0.21	0.02	1.89E-16
rs116273973	G	A	0.48	0.05	1.90E-16
rs528775305	T	C	0.16	0.01	1.90E-16
rs145325673	T	C	0.24	0.02	1.91E-16
rs138759823	T	C	0.22	0.02	1.91E-16
rs73854347	C	T	0.2	0.02	1.91E-16
rs192003544	C	T	0.24	0.03	1.92E-16
rs77925481	T	C	0.23	0.02	1.92E-16
rs548901473	C	G	0.21	0.02	1.92E-16
rs144922694	C	T	0.21	0.02	1.93E-16
rs148859798	T	G	0.21	0.02	1.93E-16
rs116374980	T	C	0.22	0.02	1.94E-16
rs138424600	T	C	0.21	0.02	1.94E-16
rs193139587	T	A	0.22	0.02	1.94E-16
rs114305998	A	G	0.22	0.02	1.95E-16
rs552906998	A	G	0.22	0.02	1.96E-16
rs567693549	G	C	0.24	0.02	1.96E-16
rs149132082	T	C	0.23	0.02	1.96E-16
rs148092555	G	A	0.85	0.1	1.97E-16
rs116661006	T	C	0.23	0.02	1.98E-16
rs114136038	G	T	0.21	0.02	1.98E-16

rs540195976	A	G	0.23	0.02	1.98E-16
rs193193648	C	T	0.28	0.03	1.98E-16
rs570973397	C	T	0.15	0.01	1.98E-16
rs113147871	C	T	0.2	0.02	1.99E-16
rs151076654	A	G	0.21	0.02	2.00E-16
rs143324102	G	A	0.21	0.02	2.00E-16
rs148736996	A	C	0.22	0.02	2.01E-16
rs375511133	A	C	0.08	0.01	2.01E-16
rs148951338	T	G	0.22	0.02	2.01E-16
rs75100512	A	G	0.21	0.02	2.02E-16
rs150156181	C	A	0.21	0.02	2.02E-16
rs140089075	A	T	0.21	0.02	2.02E-16
rs188258690	T	C	0.2	0.02	2.03E-16
rs138975950	T	G	0.48	0.05	2.03E-16
rs567737035	T	C	0.17	0.02	2.04E-16
rs9942129	G	C	0.21	0.02	2.05E-16
rs554557712	C	A	0.32	0.03	2.05E-16
rs73550250	C	T	0.19	0.02	2.06E-16
rs560279806	A	C	0.22	0.02	2.07E-16
rs148932117	G	C	0.23	0.02	2.07E-16
rs567976468	T	A	0.07	0.0093737	2.08E-16
rs150484469	G	A	0.21	0.02	2.09E-16
rs557222810	A	T	0.21	0.02	2.10E-16
rs139266455	C	T	0.21	0.02	2.10E-16
rs79124219	G	A	0.21	0.02	2.11E-16
rs181255890	T	A	0.11	0.01	2.13E-16
rs149347277	T	A	0.21	0.02	2.14E-16
rs150519166	A	G	0.21	0.02	2.14E-16
rs537452927	A	G	0.22	0.02	2.15E-16
rs80140366	T	A	0.21	0.02	2.15E-16
rs150494376	A	T	0.4	0.04	2.15E-16
rs148859390	C	T	0.46	0.05	2.16E-16
rs139897247	T	G	0.21	0.02	2.16E-16
rs113835804	T	C	0.2	0.02	2.18E-16
rs74537429	C	T	0.21	0.02	2.18E-16
rs190108993	A	G	0.21	0.02	2.19E-16
rs139410503	C	T	0.32	0.03	2.20E-16
rs138267921	T	C	0.21	0.02	2.20E-16
rs114674552	C	T	0.21	0.02	2.21E-16
rs114514541	T	C	0.21	0.02	2.21E-16
rs143817457	C	T	0.1	0.01	2.22E-16
rs146354576	C	T	0.11	0.01	2.22E-16
rs11253257	C	T	0.21	0.02	2.22E-16
rs143408623	T	C	0.11	0.01	2.22E-16
rs114889110	T	C	0.1	0.01	2.23E-16
rs193078048	G	A	0.11	0.01	2.23E-16
rs575945270	A	G	0.23	0.02	2.26E-16
rs141377474	A	C	0.38	0.04	2.27E-16
rs138001099	C	A	0.24	0.02	2.28E-16
rs138774892	T	C	0.16	0.02	2.28E-16
rs372885937	T	G	0.22	0.02	2.28E-16
rs73422880	C	G	0.21	0.02	2.29E-16
rs554001260	A	C	0.24	0.02	2.29E-16
rs114229318	G	A	0.11	0.01	2.30E-16
rs115838284	A	G	0.21	0.02	2.30E-16
rs147728531	G	A	0.21	0.02	2.31E-16
rs149182489	T	C	0.21	0.02	2.31E-16
rs575777257	T	C	0.12	0.01	2.32E-16
rs544280411	G	A	0.15	0.01	2.32E-16
rs73696350	T	G	0.21	0.02	2.35E-16
rs75797434	G	A	1.27	0.15	2.35E-16

rs148080687	C	G	0.19	0.02	2.36E-16
rs181055916	T	C	0.25	0.03	2.37E-16
rs111904273	T	G	0.14	0.01	2.37E-16
rs9992889	A	G	0.23	0.02	2.37E-16
rs116633400	G	A	0.19	0.02	2.37E-16
rs114156051	A	G	0.4	0.04	2.37E-16
rs145949598	G	A	0.22	0.02	2.38E-16
rs186266156	T	C	0.13	0.01	2.38E-16
rs77218159	T	G	0.21	0.02	2.38E-16
rs535141918	A	C	0.22	0.02	2.40E-16
rs145580253	C	G	0.21	0.02	2.41E-16
rs114522673	C	A	0.2	0.02	2.42E-16
rs114054506	G	A	0.21	0.02	2.43E-16
rs114647175	A	T	0.21	0.02	2.43E-16
rs142569804	A	G	0.27	0.03	2.43E-16
rs138560006	T	C	0.21	0.02	2.44E-16
rs138648233	C	T	0.21	0.02	2.44E-16
rs369182764	G	A	0.28	0.03	2.45E-16
rs532436843	G	A	0.22	0.02	2.46E-16
rs142989747	A	G	0.1	0.01	2.47E-16
rs116557912	T	C	0.13	0.01	2.52E-16
rs74428714	A	G	0.26	0.03	2.52E-16
rs185849449	T	C	0.23	0.02	2.52E-16
rs28412289	A	G	0.23	0.02	2.52E-16
rs11466765	A	C	0.29	0.03	2.52E-16
rs185224320	T	C	0.25	0.03	2.53E-16
rs143299763	T	A	0.22	0.02	2.53E-16
rs114269311	A	C	0.31	0.03	2.54E-16
rs58264524	C	T	0.21	0.02	2.54E-16
rs140882599	T	A	0.22	0.02	2.55E-16
rs75573775	T	G	0.21	0.02	2.55E-16
rs73861707	T	G	0.11	0.01	2.55E-16
rs574707647	A	G	0.21	0.02	2.56E-16
rs141964100	A	C	0.21	0.02	2.56E-16
rs111571822	G	T	0.22	0.02	2.58E-16
rs575999983	T	C	0.22	0.02	2.59E-16
rs185293386	A	T	0.21	0.02	2.60E-16
rs577236727	G	T	0.21	0.02	2.60E-16
rs140450542	C	A	0.21	0.02	2.60E-16
rs143061420	A	G	0.21	0.02	2.60E-16
rs567742615	G	C	0.21	0.02	2.61E-16
rs140372192	T	C	0.19	0.02	2.61E-16
rs139593923	A	G	0.21	0.02	2.62E-16
rs191230821	T	A	0.21	0.02	2.62E-16
rs375380370	C	T	0.1	0.01	2.62E-16
rs74777195	G	C	0.12	0.01	2.63E-16
rs139730992	T	C	0.09	0.01	2.64E-16
rs76609964	T	C	0.06	0.0084723	2.64E-16
rs74587090	G	A	0.19	0.02	2.65E-16
rs138132460	C	T	0.21	0.02	2.67E-16
rs34612917	A	C	0.23	0.02	2.67E-16
rs73756518	G	A	0.07	0.0093424	2.68E-16
rs139920945	C	T	0.33	0.04	2.70E-16
rs144311443	T	G	0.36	0.04	2.70E-16
rs138723548	A	G	0.17	0.02	2.70E-16
rs76623823	T	C	0.11	0.01	2.71E-16
rs547908789	A	T	0.11	0.01	2.74E-16
rs140094983	T	C	0.22	0.02	2.74E-16
rs180985278	T	C	0.47	0.05	2.74E-16
rs114010054	C	T	0.21	0.02	2.74E-16
rs563028978	A	G	0.38	0.04	2.75E-16

rs193167654	G	A	0.21	0.02	2.75E-16
rs13398192	C	A	0.3	0.03	2.76E-16
rs115228150	A	C	0.21	0.02	2.76E-16
rs556481421	T	C	0.22	0.02	2.76E-16
rs139678041	T	G	0.21	0.02	2.76E-16
rs113754518	T	C	0.27	0.03	2.76E-16
rs116823762	G	T	0.22	0.02	2.77E-16
rs74063886	C	A	0.21	0.02	2.77E-16
rs140472386	C	A	0.13	0.01	2.77E-16
rs145565913	T	A	0.41	0.05	2.78E-16
rs115584231	T	C	0.22	0.02	2.82E-16
rs558050386	T	C	0.21	0.02	2.83E-16
rs188563151	T	C	0.22	0.02	2.84E-16
rs78528595	T	G	0.21	0.02	2.84E-16
rs192020646	A	G	0.65	0.07	2.84E-16
rs144243323	T	C	0.21	0.02	2.84E-16
rs115359621	A	C	0.21	0.02	2.85E-16
rs116441949	T	A	0.22	0.02	2.85E-16
rs138181252	T	C	0.22	0.02	2.85E-16
rs191270171	C	T	0.21	0.02	2.85E-16
rs111573615	A	C	0.21	0.02	2.86E-16
rs180890148	T	A	0.21	0.02	2.87E-16
rs150769669	G	C	0.21	0.02	2.92E-16
rs8143183	A	G	0.07	0.0089772	2.92E-16
rs76648496	A	T	0.27	0.03	2.92E-16
rs77920574	T	C	0.21	0.02	2.92E-16
rs181421709	A	T	0.21	0.02	2.93E-16
rs150566984	C	G	0.21	0.02	2.93E-16
rs115289048	A	G	0.21	0.02	2.93E-16
rs145041384	A	G	0.21	0.02	2.93E-16
rs115834757	A	G	0.1	0.01	2.94E-16
rs114451995	T	C	0.2	0.02	2.95E-16
rs114508443	T	C	0.16	0.02	2.97E-16
rs115245183	G	A	0.21	0.02	2.97E-16
rs148805831	C	T	0.21	0.02	2.98E-16
rs187485890	T	G	0.11	0.01	2.98E-16
rs190841290	A	T	0.23	0.02	2.98E-16
rs139888311	T	G	0.23	0.02	2.98E-16
rs147212762	G	T	0.12	0.01	2.99E-16
rs193152592	C	T	0.27	0.03	2.99E-16
rs564388117	A	T	0.21	0.02	3.00E-16
rs146564356	A	C	0.23	0.02	3.00E-16
rs141293711	G	C	0.21	0.02	3.01E-16
rs145036379	T	C	0.17	0.02	3.01E-16
rs142987235	T	C	0.21	0.02	3.02E-16
rs7823466	A	G	0.21	0.02	3.02E-16
rs184785544	T	G	0.21	0.02	3.02E-16
rs75278817	C	T	0.1	0.01	3.02E-16
rs77391297	A	G	0.22	0.02	3.02E-16
rs544340284	A	C	0.77	0.09	3.02E-16
rs529195135	C	G	0.77	0.09	3.02E-16
rs556724280	A	C	0.21	0.02	3.03E-16
rs114285607	A	G	0.21	0.02	3.03E-16
rs191130111	G	A	0.22	0.02	3.04E-16
rs147748173	G	A	0.23	0.02	3.04E-16
rs146120641	C	T	0.21	0.02	3.05E-16
rs78360253	C	T	0.1	0.01	3.06E-16
rs73003224	T	A	0.21	0.02	3.07E-16
rs545169544	T	C	0.21	0.02	3.08E-16
rs80193210	C	T	0.21	0.02	3.08E-16
rs1491964	T	C	0.24	0.03	3.08E-16

rs114867488	A	C	0.21	0.02	3.09E-16
rs115989580	T	A	0.27	0.03	3.10E-16
rs141088219	T	C	0.21	0.02	3.16E-16
rs11925695	T	C	0.21	0.02	3.16E-16
rs144275513	T	C	0.21	0.02	3.16E-16
rs369181839	C	T	0.25	0.03	3.17E-16
rs569706036	T	C	0.21	0.02	3.17E-16
rs145540323	C	A	0.29	0.03	3.18E-16
rs115134479	C	T	0.21	0.02	3.18E-16
rs142986637	G	C	0.51	0.06	3.19E-16
rs7539655	T	C	0.29	0.03	3.19E-16
rs532895142	A	C	0.2	0.02	3.20E-16
rs75498111	T	G	0.2	0.02	3.20E-16
rs841983	C	G	0.2	0.02	3.20E-16
rs566369306	C	T	0.21	0.02	3.21E-16
rs138618331	T	C	0.47	0.05	3.21E-16
rs141984308	G	A	0.21	0.02	3.23E-16
rs150695824	C	G	0.21	0.02	3.23E-16
rs180749067	T	C	0.2	0.02	3.23E-16
rs114464845	A	G	0.17	0.02	3.25E-16
rs147340168	G	A	0.21	0.02	3.26E-16
rs140670237	C	A	0.35	0.04	3.27E-16
rs141248318	A	G	0.22	0.02	3.27E-16
rs187088627	A	C	0.21	0.02	3.28E-16
rs115282914	A	C	0.21	0.02	3.28E-16
rs116178101	C	A	0.21	0.02	3.29E-16
rs77160812	G	A	0.21	0.02	3.30E-16
rs79987559	G	A	0.2	0.02	3.31E-16
rs115059950	C	A	0.21	0.02	3.31E-16
rs184498075	T	G	0.22	0.02	3.32E-16
rs57238789	G	C	0.23	0.02	3.32E-16
rs116511990	G	A	0.22	0.02	3.32E-16
rs74826089	T	C	0.4	0.04	3.33E-16
rs114711245	C	T	0.12	0.01	3.33E-16
rs562841621	A	C	0.21	0.02	3.35E-16
rs182710237	C	A	0.21	0.02	3.35E-16
rs116615844	T	C	0.12	0.01	3.36E-16
rs73749286	T	C	0.21	0.02	3.36E-16
rs185551967	G	A	0.83	0.1	3.36E-16
rs186581648	G	A	0.23	0.02	3.37E-16
rs186960917	C	T	0.2	0.02	3.37E-16
rs138293476	C	A	18.42	2.25	3.38E-16
rs187504540	G	A	0.4	0.04	3.39E-16
rs552466696	A	T	0.2	0.02	3.39E-16
rs74909633	A	G	0.21	0.02	3.40E-16
rs138591291	T	C	0.21	0.02	3.41E-16
rs186842287	A	G	0.21	0.02	3.41E-16
rs80050419	G	C	0.21	0.02	3.42E-16
rs149908872	A	G	0.11	0.01	3.42E-16
rs148257269	T	C	0.22	0.02	3.43E-16
rs143579142	T	C	0.22	0.02	3.44E-16
rs552296621	G	A	0.23	0.02	3.47E-16
rs4917042	G	C	-0.21	0.02	3.47E-16
rs564727628	A	G	0.28	0.03	3.47E-16
rs565790827	C	G	0.22	0.02	3.47E-16
rs9851823	G	A	0.25	0.03	3.48E-16
rs13407168	C	T	0.19	0.02	3.50E-16
rs77708649	A	G	0.17	0.02	3.50E-16
rs569495438	T	C	0.18	0.02	3.51E-16
rs137958502	G	A	0.17	0.02	3.52E-16
rs147596249	G	A	0.2	0.02	3.53E-16



rs143955117	A	G	0.21	0.02	3.54E-16
rs183518137	T	C	0.21	0.02	3.54E-16
rs142445695	A	C	0.21	0.02	3.54E-16
rs117970903	T	C	0.32	0.04	3.55E-16
rs554598288	C	A	0.13	0.01	3.55E-16
rs114286191	G	A	0.22	0.02	3.56E-16
rs146037636	T	G	0.25	0.03	3.57E-16
rs58080608	G	A	0.21	0.02	3.58E-16
rs532310016	A	G	0.22	0.02	3.58E-16
rs564193413	T	C	0.22	0.02	3.58E-16
rs148847229	A	G	0.27	0.03	3.62E-16
rs148301201	T	C	0.21	0.02	3.63E-16
rs143407964	T	C	0.26	0.03	3.64E-16
rs116316686	G	T	0.45	0.05	3.64E-16
rs61269059	T	C	0.07	0.0092943	3.65E-16
rs145318084	C	T	0.11	0.01	3.65E-16
rs60046947	A	T	0.1	0.01	3.66E-16
rs138587108	T	C	0.27	0.03	3.66E-16
rs544485918	C	G	0.36	0.04	3.67E-16
rs566159963	T	C	0.22	0.02	3.67E-16
rs75230980	G	A	0.12	0.01	3.69E-16
rs77645092	G	T	0.21	0.02	3.69E-16
rs569194067	C	T	0.41	0.05	3.71E-16
rs147598936	T	C	0.17	0.02	3.75E-16
rs375122899	A	G	0.25	0.03	3.78E-16
rs535751648	G	A	0.24	0.02	3.79E-16
rs144056695	G	C	0.7	0.08	3.79E-16
rs185230206	C	T	0.25	0.03	3.80E-16
rs541437002	T	C	0.23	0.02	3.80E-16
rs75763222	T	G	0.21	0.02	3.80E-16
rs55883437	T	C	0.14	0.01	3.81E-16
rs75417653	G	A	0.07	0.0090825	3.81E-16
rs184814847	A	G	0.1	0.01	3.82E-16
rs79873196	A	G	0.27	0.03	3.83E-16
rs185631858	A	G	0.33	0.04	3.83E-16
rs143169229	A	G	0.2	0.02	3.83E-16
rs139462637	G	A	0.27	0.03	3.83E-16
rs148635131	A	G	0.21	0.02	3.84E-16
rs59732934	T	C	0.11	0.01	3.84E-16
rs142301240	T	C	0.21	0.02	3.84E-16
rs113974308	C	G	0.21	0.02	3.87E-16
rs182319505	G	T	0.21	0.02	3.88E-16
rs540255666	C	T	0.09	0.01	3.89E-16
rs73290534	T	G	0.21	0.02	3.92E-16
rs192997305	G	C	0.3	0.03	3.92E-16
rs538771206	A	G	0.32	0.03	3.92E-16
rs576876341	G	A	0.05	0.0071588	3.92E-16
rs80145091	C	G	0.1	0.01	3.92E-16
rs546166948	C	T	0.22	0.02	3.93E-16
rs10049938	G	A	0.23	0.02	3.93E-16
rs184954582	A	T	0.21	0.02	3.94E-16
rs191618702	T	C	0.76	0.09	3.94E-16
rs74460612	A	C	0.05	0.0070338	3.95E-16
rs144048848	A	C	0.21	0.02	3.95E-16
rs149705268	A	G	0.1	0.01	3.95E-16
rs146259514	A	G	0.21	0.02	3.95E-16
rs75296373	C	T	0.15	0.01	3.97E-16
rs538221895	A	G	0.21	0.02	3.97E-16
rs187906587	T	C	0.31	0.03	3.98E-16
rs114363613	A	G	0.24	0.02	3.99E-16
rs182764338	A	G	0.21	0.02	4.00E-16

rs140068149	C	T	0.21	0.02	4.00E-16
rs114748061	A	G	0.19	0.02	4.00E-16
rs74357198	T	C	0.08	0.01	4.02E-16
rs371820090	T	A	0.2	0.02	4.04E-16
rs148602272	A	C	0.47	0.05	4.05E-16
rs146439055	T	C	0.21	0.02	4.05E-16
rs115106434	G	A	0.74	0.09	4.06E-16
rs146947779	G	C	0.23	0.02	4.06E-16
rs145649874	T	C	0.52	0.06	4.08E-16
rs181464207	T	C	0.33	0.04	4.08E-16
rs114992732	A	G	0.21	0.02	4.08E-16
rs139221502	G	C	0.21	0.02	4.09E-16
rs141413279	A	C	0.21	0.02	4.10E-16
rs115032850	A	T	0.08	0.01	4.11E-16
rs6687436	A	G	0.21	0.02	4.12E-16
rs190547150	T	C	0.23	0.02	4.13E-16
rs113548204	T	A	0.22	0.02	4.13E-16
rs115475542	G	A	0.22	0.02	4.13E-16
rs115260082	G	A	0.15	0.01	4.16E-16
rs528078779	T	C	0.21	0.02	4.18E-16
rs573302879	G	T	0.21	0.02	4.19E-16
rs145616591	T	C	0.21	0.02	4.20E-16
rs115435756	A	T	0.22	0.02	4.20E-16
rs78690392	G	T	0.27	0.03	4.21E-16
rs116486432	C	T	0.22	0.02	4.21E-16
rs116030255	T	C	0.25	0.03	4.21E-16
rs185603083	T	G	0.21	0.02	4.25E-16
rs114201386	A	G	0.2	0.02	4.26E-16
rs143218504	T	C	0.21	0.02	4.28E-16
rs540764916	A	G	0.12	0.01	4.29E-16
rs114226037	G	C	0.21	0.02	4.33E-16
rs528745012	A	G	0.21	0.02	4.34E-16
rs142283285	T	C	0.13	0.01	4.34E-16
rs115941321	T	A	0.2	0.02	4.36E-16
rs549233055	C	T	0.21	0.02	4.36E-16
rs187492495	G	A	0.21	0.02	4.37E-16
rs190152982	C	T	0.1	0.01	4.38E-16
rs79896565	G	A	0.2	0.02	4.39E-16
rs564621326	C	T	0.23	0.02	4.40E-16
rs190422019	T	C	0.2	0.02	4.42E-16
rs542110196	T	G	0.21	0.02	4.42E-16
rs75410258	A	G	0.07	0.0090437	4.44E-16
rs146186405	A	T	0.21	0.02	4.45E-16
rs17025846	A	G	0.07	0.0087839	4.46E-16
rs140767141	A	G	0.22	0.02	4.47E-16
rs189240464	A	G	0.22	0.02	4.47E-16
rs548041673	T	C	0.22	0.02	4.47E-16
rs141874582	C	T	0.21	0.02	4.48E-16
rs545151691	T	C	0.21	0.02	4.53E-16
rs76469875	T	C	0.26	0.03	4.54E-16
rs148993750	A	T	0.21	0.02	4.55E-16
rs116133476	A	G	0.21	0.02	4.56E-16
rs533919411	G	A	0.21	0.02	4.65E-16
rs145152496	G	C	0.22	0.02	4.67E-16
rs558135811	C	T	0.2	0.02	4.68E-16
rs189017780	C	T	0.2	0.02	4.70E-16
rs369038156	T	C	0.1	0.01	4.71E-16
rs180935497	A	G	0.21	0.02	4.72E-16
rs181961104	A	C	0.21	0.02	4.73E-16
rs36068522	A	G	0.21	0.02	4.74E-16
rs113464659	G	A	0.21	0.02	4.75E-16

rs190747470	G	T	0.21	0.02	4.76E-16
rs551159394	C	A	0.15	0.01	4.77E-16
rs138844533	T	C	0.21	0.02	4.77E-16
rs73580449	T	C	0.21	0.02	4.79E-16
rs370994140	A	G	0.18	0.02	4.80E-16
rs151221613	A	G	0.21	0.02	4.81E-16
rs190295315	A	C	0.22	0.02	4.84E-16
rs111343122	A	G	0.21	0.02	4.84E-16
rs11968148	G	A	0.22	0.02	4.85E-16
rs7745919	A	G	0.21	0.02	4.85E-16
rs1938186	C	G	0.21	0.02	4.85E-16
rs191743899	A	G	0.21	0.02	4.86E-16
rs183340594	C	A	0.2	0.02	4.87E-16
rs145114119	T	A	0.11	0.01	4.89E-16
rs148540214	T	G	0.21	0.02	4.89E-16
rs77142227	C	T	0.21	0.02	4.90E-16
rs148085271	G	T	0.15	0.01	4.90E-16
rs77906492	A	G	0.18	0.02	4.94E-16
rs537481287	T	C	0.2	0.02	4.97E-16
rs73537065	G	A	0.26	0.03	4.98E-16
rs192994182	G	A	0.1	0.01	4.99E-16
rs72999351	A	G	0.21	0.02	5.02E-16
rs564362012	G	A	0.4	0.04	5.02E-16
rs550173077	G	A	0.32	0.03	5.04E-16
rs145457090	C	A	0.21	0.02	5.04E-16
rs193087455	C	T	0.21	0.02	5.04E-16
rs190732388	T	C	0.22	0.02	5.07E-16
rs115041187	G	A	0.1	0.01	5.08E-16
rs150993337	A	C	0.23	0.02	5.11E-16
rs554486467	C	T	0.22	0.02	5.12E-16
rs79887269	G	T	2.53	0.31	5.12E-16
rs115088021	A	G	0.1	0.01	5.13E-16
rs145956192	G	A	0.27	0.03	5.14E-16
rs149246735	T	C	0.23	0.02	5.16E-16
rs193077648	G	A	0.21	0.02	5.18E-16
rs184461229	G	C	0.23	0.02	5.20E-16
rs144249942	T	C	0.23	0.02	5.20E-16
rs184856041	G	A	0.11	0.01	5.21E-16
rs577199211	G	T	0.33	0.04	5.22E-16
rs362929	T	C	0.26	0.03	5.25E-16
rs149329287	A	G	0.21	0.02	5.26E-16
rs149472161	A	G	0.17	0.02	5.26E-16
rs55736827	G	C	0.2	0.02	5.27E-16
rs142924591	C	G	0.2	0.02	5.28E-16
rs138353627	A	G	0.2	0.02	5.29E-16
rs116684280	A	G	0.21	0.02	5.29E-16
rs115748440	T	C	0.21	0.02	5.30E-16
rs114889278	T	C	0.21	0.02	5.31E-16
rs78276995	C	T	0.21	0.02	5.31E-16
rs139128246	G	A	0.39	0.04	5.32E-16
rs75515005	A	C	0.21	0.02	5.32E-16
rs576977618	A	G	0.2	0.02	5.34E-16
rs149374589	T	C	0.21	0.02	5.34E-16
rs143720637	T	C	0.27	0.03	5.34E-16
rs114743854	T	G	0.55	0.06	5.39E-16
rs145534261	A	T	0.21	0.02	5.44E-16
rs143294493	T	C	0.3	0.03	5.45E-16
rs551722551	C	G	0.21	0.02	5.45E-16
rs141226813	G	C	2.73	0.33	5.47E-16
rs139135682	A	G	0.27	0.03	5.49E-16
rs549086537	C	A	0.13	0.01	5.50E-16

rs1199169	G	A	0.21	0.02	5.50E-16
rs571138999	G	C	0.21	0.02	5.52E-16
rs148242325	G	A	0.2	0.02	5.52E-16
rs149314010	A	G	0.38	0.04	5.53E-16
rs75738899	A	G	0.22	0.02	5.55E-16
rs144646248	C	T	0.29	0.03	5.56E-16
rs548439305	T	C	0.21	0.02	5.59E-16
rs147376993	T	C	0.3	0.03	5.59E-16
rs115175221	A	G	0.2	0.02	5.60E-16
rs114025269	C	G	0.21	0.02	5.60E-16
rs146439152	G	A	0.21	0.02	5.65E-16
rs116752679	C	T	0.21	0.02	5.67E-16
rs540146582	A	G	0.21	0.02	5.68E-16
rs191560074	A	G	1.07	0.13	5.68E-16
rs146730745	C	T	0.2	0.02	5.69E-16
rs115325398	G	A	0.08	0.01	5.69E-16
rs150493725	C	T	0.2	0.02	5.69E-16
rs146558857	A	G	0.22	0.02	5.70E-16
rs189942210	C	A	0.2	0.02	5.73E-16
rs78648856	A	G	0.22	0.02	5.74E-16
rs536164017	T	C	0.1	0.01	5.74E-16
rs12072008	T	C	0.19	0.02	5.75E-16
rs146181322	C	T	0.21	0.02	5.81E-16
rs116246302	A	G	0.22	0.02	5.82E-16
rs60667750	C	T	0.21	0.02	5.83E-16
rs78972044	G	A	0.1	0.01	5.83E-16
rs368785453	T	C	0.31	0.03	5.85E-16
rs146193762	C	G	0.2	0.02	5.87E-16
rs10962354	A	G	0.1	0.01	5.92E-16
rs9882987	A	C	0.2	0.02	5.93E-16
rs373137809	A	G	0.21	0.02	5.94E-16
rs115822852	A	G	0.2	0.02	5.96E-16
rs115196913	G	A	0.3	0.03	5.97E-16
rs140906928	G	C	0.32	0.03	5.98E-16
rs538797838	T	G	0.29	0.03	6.00E-16
rs149894592	G	A	0.08	0.01	6.06E-16
rs112474820	A	G	0.2	0.02	6.08E-16
rs116363735	T	A	0.21	0.02	6.10E-16
rs73587810	A	G	0.2	0.02	6.12E-16
rs148627313	G	A	0.23	0.02	6.15E-16
rs188961309	T	C	0.38	0.04	6.19E-16
rs114414806	C	T	0.19	0.02	6.21E-16
rs185920081	A	G	0.21	0.02	6.23E-16
rs145481419	G	A	0.29	0.03	6.23E-16
rs148845978	C	T	0.2	0.02	6.24E-16
rs74425379	A	C	0.08	0.01	6.27E-16
rs115171899	T	A	0.19	0.02	6.28E-16
rs537099793	G	C	0.28	0.03	6.29E-16
rs139001009	T	G	0.15	0.01	6.30E-16
rs139952620	C	G	0.08	0.01	6.31E-16
rs529453924	G	C	0.16	0.01	6.32E-16
rs532569983	G	A	0.22	0.02	6.33E-16
rs114456473	A	G	0.25	0.03	6.33E-16
rs191323728	A	C	1.54	0.19	6.34E-16
rs74367316	T	A	0.2	0.02	6.35E-16
rs191706975	A	C	0.21	0.02	6.37E-16
rs75219466	C	A	0.21	0.02	6.38E-16
rs111779725	A	G	0.2	0.02	6.39E-16
rs73936940	C	A	0.21	0.02	6.40E-16
rs148444763	G	A	0.22	0.02	6.42E-16
rs112475624	G	A	0.27	0.03	6.43E-16

rs192760566	G	A	0.35	0.04	6.45E-16
rs75396282	T	C	0.24	0.03	6.46E-16
rs530734883	T	G	0.21	0.02	6.50E-16
rs528307275	C	A	0.21	0.02	6.50E-16
rs540194923	T	C	0.06	0.0079213	6.52E-16
rs138059117	C	G	0.63	0.07	6.53E-16
rs545695282	C	A	0.07	0.0089652	6.54E-16
rs191696254	A	G	1.72	0.21	6.56E-16
rs142759241	A	G	0.21	0.02	6.57E-16
rs149562691	A	G	0.2	0.02	6.59E-16
rs12078832	C	G	0.2	0.02	6.62E-16
rs140722001	A	G	0.2	0.02	6.63E-16
rs142880402	A	G	0.14	0.01	6.64E-16
rs141848914	A	G	0.21	0.02	6.64E-16
rs148032935	A	G	0.3	0.03	6.65E-16
rs186928959	A	T	0.19	0.02	6.65E-16
rs76490332	G	A	0.2	0.02	6.66E-16
rs116431045	G	A	0.2	0.02	6.66E-16
rs187415867	G	A	0.12	0.01	6.66E-16
rs116354332	C	T	0.21	0.02	6.67E-16
rs138335487	T	C	0.26	0.03	6.71E-16
rs148429637	G	A	0.2	0.02	6.72E-16
rs116640822	G	T	0.21	0.02	6.75E-16
rs547268467	G	A	0.2	0.02	6.75E-16
rs551737392	G	C	0.46	0.05	6.76E-16
rs368224211	C	G	0.27	0.03	6.77E-16
rs116390440	C	T	0.21	0.02	6.79E-16
rs138416933	G	C	0.28	0.03	6.79E-16
rs185539399	C	G	0.21	0.02	6.83E-16
rs555808516	C	T	0.2	0.02	6.86E-16
rs145915611	A	G	0.1	0.01	6.90E-16
rs568982569	T	C	0.19	0.02	6.91E-16
rs537352552	T	G	0.2	0.02	6.92E-16
rs184477284	C	A	0.61	0.07	6.92E-16
rs113396520	C	G	0.2	0.02	6.92E-16
rs112793191	C	T	0.2	0.02	6.92E-16
rs79434312	T	C	0.2	0.02	6.93E-16
rs139777551	C	T	0.26	0.03	6.94E-16
rs114569963	T	C	0.2	0.02	6.98E-16
rs182634440	C	T	0.44	0.05	6.98E-16
rs143617478	G	A	0.21	0.02	7.05E-16
rs150678497	G	A	0.12	0.01	7.05E-16
rs374732091	A	G	0.21	0.02	7.06E-16
rs186478761	A	G	0.38	0.04	7.10E-16
1:204876053_C_T	T	C	0.06	0.0086369	7.11E-16
rs143564984	T	C	0.24	0.03	7.12E-16
rs140915831	T	C	0.26	0.03	7.13E-16
rs78320995	G	A	0.1	0.01	7.13E-16
rs144254985	T	C	0.21	0.02	7.15E-16
rs117654747	T	G	0.22	0.02	7.16E-16
rs545860614	A	C	1.03	0.12	7.17E-16
rs115699081	A	C	0.07	0.0091473	7.17E-16
rs530286243	C	G	0.21	0.02	7.19E-16
rs114737314	T	C	0.21	0.02	7.19E-16
rs186508669	A	C	0.19	0.02	7.20E-16
rs74086235	G	A	1.18	0.14	7.20E-16
rs76317612	A	G	0.1	0.01	7.23E-16
rs147024805	G	A	1.07	0.13	7.25E-16
rs186754676	T	A	0.24	0.03	7.27E-16
rs189098927	C	T	0.21	0.02	7.28E-16
rs185172822	G	A	0.2	0.02	7.29E-16

rs149233547	C	A	0.21	0.02	7.35E-16
rs140311043	C	G	0.21	0.02	7.38E-16
rs78257084	T	G	0.2	0.02	7.40E-16
rs184990035	G	A	0.22	0.02	7.42E-16
rs529162172	A	G	0.2	0.02	7.43E-16
rs141808997	C	T	0.21	0.02	7.48E-16
rs556757074	G	A	0.25	0.03	7.51E-16
rs146950929	C	T	0.27	0.03	7.54E-16
rs115561068	G	A	0.21	0.02	7.54E-16
rs74859215	G	A	0.21	0.02	7.56E-16
rs11892247	A	G	0.2	0.02	7.58E-16
rs111488127	A	T	0.2	0.02	7.59E-16
rs192799141	C	T	0.21	0.02	7.63E-16
rs149158322	A	C	0.21	0.02	7.63E-16
rs55687263	A	G	0.05	0.0067074	7.64E-16
rs138612701	G	C	0.22	0.02	7.65E-16
rs558294656	C	A	0.4	0.05	7.66E-16
rs549225949	G	A	0.1	0.01	7.67E-16
rs192753349	G	A	0.2	0.02	7.67E-16
rs189324584	C	A	0.11	0.01	7.67E-16
rs115410324	C	T	0.2	0.02	7.69E-16
rs10119260	G	A	0.11	0.01	7.70E-16
rs553755868	T	C	0.2	0.02	7.72E-16
rs376013836	C	T	0.23	0.02	7.72E-16
rs114384458	G	C	0.1	0.01	7.73E-16
rs139570497	A	G	0.47	0.05	7.74E-16
rs187034498	C	T	0.39	0.04	7.75E-16
rs73825079	A	C	0.18	0.02	7.75E-16
rs374725005	C	T	0.41	0.05	7.75E-16
rs151007686	T	A	0.2	0.02	7.76E-16
rs563337504	A	G	0.21	0.02	7.79E-16
rs147646244	C	G	0.2	0.02	7.80E-16
rs139559537	G	A	0.2	0.02	7.80E-16
rs113995829	G	A	0.2	0.02	7.81E-16
rs75262377	C	T	0.2	0.02	7.82E-16
rs185205991	A	C	1.72	0.21	7.83E-16
rs113382922	C	T	0.2	0.02	7.86E-16
rs139293619	T	C	0.21	0.02	7.86E-16
rs147458325	C	T	0.22	0.02	7.87E-16
rs116867437	T	C	0.17	0.02	7.91E-16
rs115922659	C	A	0.05	0.0070356	7.95E-16
rs567267536	C	A	0.2	0.02	7.96E-16
rs538867735	G	A	0.27	0.03	7.99E-16
rs554009602	A	C	0.27	0.03	7.99E-16
rs191053159	G	A	0.2	0.02	8.02E-16
rs149715911	T	G	0.19	0.02	8.02E-16
rs150239507	G	A	0.19	0.02	8.03E-16
rs184381244	T	C	0.21	0.02	8.04E-16
rs141184432	T	C	0.1	0.01	8.05E-16
rs143136851	C	T	0.2	0.02	8.05E-16
rs151206492	G	A	0.21	0.02	8.07E-16
rs537532186	T	C	0.22	0.02	8.07E-16
rs113296794	T	C	0.21	0.02	8.08E-16
rs140249938	G	C	0.2	0.02	8.09E-16
rs145370325	C	T	0.21	0.02	8.14E-16
rs114213257	C	G	0.22	0.02	8.15E-16
rs151100699	C	T	0.21	0.02	8.17E-16
rs114709693	T	G	0.2	0.02	8.17E-16
rs77089524	G	A	0.29	0.03	8.18E-16
rs180946571	A	G	0.2	0.02	8.19E-16
rs576071925	G	C	0.2	0.02	8.21E-16

rs79884129	C	T	0.2	0.02	8.23E-16
rs77533390	A	T	0.21	0.02	8.24E-16
rs142171376	A	G	0.2	0.02	8.30E-16
rs112557600	A	C	0.26	0.03	8.33E-16
rs139902611	G	A	0.26	0.03	8.34E-16
rs570468937	C	G	0.27	0.03	8.35E-16
rs530124281	G	T	0.21	0.02	8.36E-16
rs116761887	A	G	0.29	0.03	8.37E-16
rs149930827	T	C	0.2	0.02	8.38E-16
rs138585508	C	T	0.2	0.02	8.38E-16
rs114994726	A	G	0.21	0.02	8.41E-16
rs113388640	T	C	0.22	0.02	8.41E-16
rs9463436	A	G	0.18	0.02	8.45E-16
rs188219307	T	C	0.21	0.02	8.46E-16
rs73756520	T	C	0.07	0.0092385	8.47E-16
rs369656696	T	C	0.37	0.04	8.48E-16
rs562261523	A	G	0.18	0.02	8.48E-16
rs78190696	A	G	0.21	0.02	8.48E-16
rs116684204	T	C	0.2	0.02	8.49E-16
rs79902349	G	A	0.22	0.02	8.50E-16
2:2141743_A_G	G	A	0.2	0.02	8.52E-16
rs111866696	C	G	0.19	0.02	8.55E-16
rs76595223	C	T	0.2	0.02	8.55E-16
rs138379866	A	G	0.21	0.02	8.63E-16
rs149450338	A	C	0.21	0.02	8.63E-16
rs78308508	G	C	0.21	0.02	8.63E-16
rs112509812	T	C	0.2	0.02	8.64E-16
rs74571196	A	G	0.1	0.01	8.66E-16
rs529766718	C	T	0.27	0.03	8.67E-16
rs58132936	C	T	0.21	0.02	8.69E-16
rs192926084	T	C	0.23	0.02	8.69E-16
rs143132331	T	C	0.2	0.02	8.76E-16
rs10966288	A	G	0.2	0.02	8.77E-16
rs150654315	A	G	0.1	0.01	8.79E-16
rs115225255	G	A	0.25	0.03	8.84E-16
rs57924737	A	G	0.17	0.02	8.84E-16
rs59051478	T	C	0.2	0.02	8.85E-16
rs147972549	C	G	0.08	0.01	8.86E-16
rs140573777	A	C	0.63	0.07	8.90E-16
rs367645650	T	C	0.25	0.03	8.92E-16
rs544529992	A	C	0.21	0.02	8.94E-16
rs142324539	C	G	0.21	0.02	8.94E-16
rs549244930	G	A	0.2	0.02	8.97E-16
rs141904012	G	C	0.2	0.02	8.98E-16
rs576001836	C	G	0.2	0.02	9.00E-16
rs375344362	T	G	0.13	0.01	9.02E-16
rs189381141	T	C	0.25	0.03	9.02E-16
rs578187274	C	T	0.22	0.02	9.02E-16
rs116081859	C	G	0.05	0.0067355	9.04E-16
rs554753178	G	C	0.07	0.0094052	9.06E-16
rs181401387	C	T	0.21	0.02	9.15E-16
rs562925727	G	T	0.28	0.03	9.17E-16
rs182137152	C	T	0.2	0.02	9.17E-16
rs186836726	T	G	0.31	0.03	9.20E-16
rs188260966	G	C	0.21	0.02	9.21E-16
rs73410493	T	C	0.2	0.02	9.24E-16
rs76556968	G	A	0.14	0.01	9.26E-16
rs148449482	A	G	0.23	0.02	9.28E-16
rs112284267	C	G	0.21	0.02	9.30E-16
rs111840264	G	C	0.21	0.02	9.30E-16
rs141442346	T	C	0.2	0.02	9.33E-16

rs144019977	T	C	0.12	0.01	9.33E-16
rs551341687	G	A	0.21	0.02	9.40E-16
rs115226770	G	A	0.11	0.01	9.41E-16
rs149751228	T	C	0.2	0.02	9.41E-16
rs115858510	G	C	0.7	0.08	9.41E-16
rs78224219	T	C	0.21	0.02	9.41E-16
rs185303268	A	G	0.08	0.01	9.47E-16
9:44788292_C_T	T	C	0.2	0.02	9.49E-16
rs116680948	C	T	0.2	0.02	9.52E-16
rs190559407	A	T	0.84	0.1	9.52E-16
rs369187707	T	C	0.2	0.02	9.61E-16
rs78178424	T	G	0.21	0.02	9.67E-16
rs147595707	T	C	0.2	0.02	9.67E-16
rs372840257	T	C	0.28	0.03	9.68E-16
rs80199310	C	T	0.22	0.02	9.70E-16
rs115235419	G	A	0.09	0.01	9.73E-16
rs185352930	C	G	0.43	0.05	9.74E-16
rs138565970	A	C	0.2	0.02	9.76E-16
rs73274629	C	T	0.26	0.03	9.80E-16
rs150840645	T	G	0.21	0.02	9.81E-16
rs541790909	C	G	0.21	0.02	9.83E-16
rs371643070	T	C	0.26	0.03	9.85E-16
rs139631603	C	G	0.2	0.02	9.86E-16
rs147280422	A	C	0.19	0.02	9.86E-16
rs114237115	A	G	0.2	0.02	9.92E-16
rs114654875	A	G	0.21	0.02	9.92E-16
rs148214552	T	C	0.21	0.02	9.96E-16
rs142610038	C	T	0.2	0.02	9.99E-16
rs141606864	T	C	0.26	0.03	1.00E-15
rs190723700	G	A	0.21	0.02	1.00E-15
rs78281053	G	C	0.22	0.02	1.00E-15
rs369104518	T	C	0.29	0.03	1.00E-15
rs9325763	C	T	0.2	0.02	1.00E-15
rs190249050	A	G	0.2	0.02	1.00E-15
rs149162872	A	G	3.01	0.37	1.01E-15
rs149763218	A	C	0.39	0.04	1.01E-15
rs114901118	C	T	0.2	0.02	1.02E-15
rs369765199	C	T	0.26	0.03	1.02E-15
rs181202927	C	T	0.3	0.03	1.03E-15
rs375333963	G	A	0.27	0.03	1.03E-15
rs11888798	G	C	0.14	0.01	1.03E-15
rs184116248	A	G	0.22	0.02	1.03E-15
rs6962420	A	G	-0.2	0.02	1.03E-15
rs188474321	A	T	0.2	0.02	1.04E-15
rs151085450	C	G	0.26	0.03	1.04E-15
rs183028465	A	T	0.2	0.02	1.04E-15
rs564276518	T	A	0.2	0.02	1.05E-15
rs28405270	A	G	0.22	0.02	1.05E-15
rs114715459	G	A	0.39	0.04	1.05E-15
rs182555937	G	A	0.2	0.02	1.05E-15
rs149878908	G	C	0.21	0.02	1.05E-15
rs114695808	C	A	0.22	0.02	1.05E-15
rs150924850	T	C	0.2	0.02	1.05E-15
rs76027071	C	T	0.2	0.02	1.05E-15
rs141620748	C	T	0.07	0.0098834	1.06E-15
rs144701794	T	A	0.2	0.02	1.06E-15
rs183946049	T	C	0.21	0.02	1.06E-15
rs571293526	A	G	0.2	0.02	1.06E-15
rs570144391	T	C	0.35	0.04	1.07E-15
rs190318859	G	C	0.3	0.03	1.07E-15
rs148545248	A	G	0.21	0.02	1.07E-15



rs35042451	T	C	0.23	0.02	1.07E-15
rs73808745	A	G	0.15	0.01	1.07E-15
rs145641458	C	T	0.2	0.02	1.07E-15
rs534152192	G	A	0.33	0.04	1.08E-15
rs189678647	A	G	0.19	0.02	1.08E-15
rs139971039	T	C	0.25	0.03	1.08E-15
rs114542059	G	A	0.2	0.02	1.08E-15
rs115730927	G	A	0.21	0.02	1.08E-15
rs79851443	T	C	0.1	0.01	1.08E-15
rs28494812	C	T	0.22	0.02	1.09E-15
rs557861140	A	G	0.1	0.01	1.09E-15
rs75980410	T	C	0.21	0.02	1.09E-15
rs11963590	G	A	0.21	0.02	1.09E-15
rs76129837	C	G	0.1	0.01	1.09E-15
rs35389937	T	A	0.2	0.02	1.09E-15
rs56201653	T	C	0.25	0.03	1.09E-15
rs140702342	C	T	0.26	0.03	1.09E-15
rs116525455	A	G	0.2	0.02	1.10E-15
rs114301024	G	A	0.2	0.02	1.10E-15
rs56184335	A	G	0.14	0.01	1.10E-15
rs141645129	G	A	0.2	0.02	1.10E-15
rs561925411	A	G	0.2	0.02	1.10E-15
rs12331620	G	A	0.22	0.02	1.10E-15
rs75028862	G	A	0.21	0.02	1.11E-15
rs116764429	T	C	0.26	0.03	1.11E-15
rs184206738	C	G	0.1	0.01	1.11E-15
rs185566704	G	A	0.35	0.04	1.11E-15
rs113454886	C	T	0.27	0.03	1.11E-15
rs138626727	T	C	0.2	0.02	1.11E-15
rs531033202	T	A	1.01	0.12	1.12E-15
rs140609038	C	T	0.2	0.02	1.12E-15
rs35901837	G	A	0.22	0.02	1.12E-15
rs150516713	A	G	0.2	0.02	1.12E-15
rs115220181	T	A	0.2	0.02	1.12E-15
rs74566362	G	A	0.2	0.02	1.12E-15
rs74998150	G	A	0.1	0.01	1.12E-15
rs76284159	G	A	1.54	0.19	1.13E-15
rs569776664	T	A	0.31	0.03	1.13E-15
rs57413270	C	T	0.2	0.02	1.13E-15
rs190111644	A	G	0.2	0.02	1.13E-15
rs140562980	T	G	0.2	0.02	1.13E-15
rs111317278	C	T	0.1	0.01	1.14E-15
rs1241154	T	C	0.1	0.01	1.14E-15
rs148447760	G	A	0.14	0.01	1.15E-15
rs148835897	G	A	0.1	0.01	1.15E-15
rs149706628	C	A	0.2	0.02	1.15E-15
rs58424845	A	G	0.12	0.01	1.15E-15
rs111577790	A	G	0.2	0.02	1.16E-15
rs149539215	G	A	0.2	0.02	1.16E-15
rs114708317	C	A	0.13	0.01	1.16E-15
rs150686084	T	G	0.23	0.02	1.16E-15
rs73068819	A	G	0.2	0.02	1.16E-15
rs140255736	G	A	0.2	0.02	1.16E-15
rs190730841	C	T	0.2	0.02	1.18E-15
rs115577837	A	G	0.21	0.02	1.18E-15
rs114895252	C	A	0.2	0.02	1.19E-15
rs76674757	A	G	0.21	0.02	1.19E-15
rs147575277	A	G	0.23	0.02	1.20E-15
rs59640664	T	G	0.27	0.03	1.20E-15
rs188950363	A	G	0.2	0.02	1.20E-15
rs538354043	C	T	0.22	0.02	1.20E-15

rs185962630	C	T	0.2	0.02	1.21E-15
rs532025428	A	T	0.29	0.03	1.21E-15
rs76030218	T	A	0.21	0.02	1.21E-15
rs146263636	A	G	0.25	0.03	1.21E-15
rs78297501	G	A	0.21	0.02	1.21E-15
rs148639812	T	C	0.2	0.02	1.21E-15
rs533870006	G	T	0.2	0.02	1.22E-15
rs551382047	G	A	0.2	0.02	1.22E-15
rs114035982	G	C	0.17	0.02	1.22E-15
rs188956766	T	C	0.2	0.02	1.22E-15
rs78877220	C	T	0.2	0.02	1.23E-15
rs192089660	T	C	0.2	0.02	1.23E-15
rs141923948	T	C	2.77	0.34	1.24E-15
rs113003517	C	T	0.23	0.02	1.24E-15
rs553387568	T	G	0.27	0.03	1.24E-15
rs636814	A	G	0.2	0.02	1.24E-15
rs148458154	T	G	0.25	0.03	1.24E-15
rs149691169	A	C	0.2	0.02	1.25E-15
rs28858479	C	G	0.22	0.02	1.25E-15
rs80053512	A	G	0.2	0.02	1.25E-15
rs116749740	C	T	0.2	0.02	1.25E-15
rs145438202	T	C	0.38	0.04	1.25E-15
rs76338091	T	C	0.2	0.02	1.26E-15
rs115214969	C	T	0.2	0.02	1.26E-15
rs115512692	C	A	0.2	0.02	1.26E-15
rs9312701	A	G	0.22	0.02	1.26E-15
rs566143868	C	T	0.2	0.02	1.27E-15
rs2889185	G	A	0.2	0.02	1.27E-15
rs570377097	G	C	0.2	0.02	1.27E-15
rs556652449	A	G	0.2	0.02	1.27E-15
rs569569174	C	T	0.2	0.02	1.27E-15
rs555235964	C	T	0.2	0.02	1.27E-15
rs537109845	C	T	0.2	0.02	1.27E-15
rs76807459	C	G	0.2	0.02	1.27E-15
rs112801552	A	G	0.2	0.02	1.27E-15
rs148541452	A	G	0.2	0.02	1.27E-15
rs10190005	G	A	0.2	0.02	1.28E-15
rs557789210	G	T	0.2	0.02	1.29E-15
rs571746884	T	C	0.2	0.02	1.29E-15
rs140716548	G	C	0.58	0.07	1.30E-15
rs184174579	A	C	0.22	0.02	1.30E-15
rs574933888	A	C	0.21	0.02	1.30E-15
rs78364428	G	A	0.07	0.01	1.30E-15
rs193282900	C	A	0.31	0.03	1.31E-15
rs149077969	T	C	0.23	0.02	1.31E-15
rs183328965	A	G	0.23	0.02	1.31E-15
rs150340879	A	G	0.37	0.04	1.31E-15
rs140414125	G	A	1.07	0.13	1.32E-15
rs574433545	T	C	0.29	0.03	1.32E-15
rs551177693	A	G	0.25	0.03	1.33E-15
rs144434801	T	C	0.2	0.02	1.33E-15
rs148836434	T	C	0.08	0.01	1.33E-15
rs142476145	G	C	0.21	0.02	1.33E-15
rs116492827	T	C	0.38	0.04	1.33E-15
rs76178785	C	T	0.17	0.02	1.34E-15
rs182299057	T	A	0.2	0.02	1.36E-15
rs77252130	G	T	0.2	0.02	1.37E-15
rs138066654	A	C	0.21	0.02	1.37E-15
rs188433564	A	C	0.11	0.01	1.37E-15
rs143172327	A	G	0.21	0.02	1.38E-15
rs577914262	C	T	0.3	0.03	1.38E-15

rs114999318	C	T	0.69	0.08	1.38E-15
rs540828357	C	G	0.2	0.02	1.38E-15
rs537568451	A	G	0.24	0.03	1.38E-15
rs148649122	C	A	0.26	0.03	1.39E-15
rs541182695	A	T	0.2	0.02	1.39E-15
rs181971990	T	C	0.3	0.03	1.39E-15
rs75661491	A	G	0.23	0.02	1.39E-15
rs112851244	C	T	0.22	0.02	1.39E-15
rs140601856	T	C	0.18	0.02	1.40E-15
rs74388614	G	A	0.21	0.02	1.40E-15
rs137920804	T	C	0.3	0.03	1.41E-15
rs116556527	A	T	0.2	0.02	1.42E-15
rs138657851	G	C	0.21	0.02	1.42E-15
rs139752902	G	A	0.28	0.03	1.42E-15
rs73888019	A	G	0.2	0.02	1.42E-15
rs77814284	T	C	0.2	0.02	1.42E-15
rs528893822	C	G	0.39	0.04	1.42E-15
rs78209692	A	G	0.2	0.02	1.43E-15
rs535319709	G	A	0.23	0.02	1.43E-15
rs149072736	T	C	0.2	0.02	1.44E-15
rs76850698	T	C	0.24	0.03	1.44E-15
rs144539170	T	C	0.22	0.02	1.46E-15
rs147397548	C	G	0.1	0.01	1.46E-15
rs299415	T	C	0.21	0.02	1.46E-15
rs375180664	G	C	0.39	0.04	1.47E-15
rs78874350	T	C	0.31	0.03	1.48E-15
rs116668572	A	G	0.1	0.01	1.49E-15
rs138303098	C	T	0.2	0.02	1.49E-15
rs187613916	G	A	0.2	0.02	1.49E-15
rs150780238	C	T	0.2	0.02	1.50E-15
rs559906856	T	C	0.27	0.03	1.50E-15
rs576598218	T	C	0.2	0.02	1.50E-15
rs145194554	A	C	0.2	0.02	1.50E-15
rs116046038	G	C	0.38	0.04	1.50E-15
rs116229741	G	A	0.85	0.1	1.50E-15
rs75632388	A	T	0.2	0.02	1.50E-15
rs191728449	A	G	0.2	0.02	1.51E-15
rs148433863	C	A	0.2	0.02	1.51E-15
rs192879719	T	G	0.07	0.0099195	1.52E-15
rs149211180	G	A	0.2	0.02	1.52E-15
rs149086454	C	T	0.2	0.02	1.52E-15
rs115833615	G	C	0.25	0.03	1.52E-15
rs528846115	A	G	0.2	0.02	1.52E-15
rs186771687	C	A	0.2	0.02	1.52E-15
rs141441595	G	T	0.2	0.02	1.53E-15
rs543977112	G	A	0.08	0.01	1.53E-15
rs374052200	T	C	0.19	0.02	1.53E-15
rs77547393	C	T	0.2	0.02	1.53E-15
rs148751444	T	G	0.21	0.02	1.54E-15
rs116751898	C	T	0.2	0.02	1.55E-15
rs184570699	A	T	0.21	0.02	1.55E-15
rs146355716	T	C	0.22	0.02	1.56E-15
rs185549997	G	A	0.2	0.02	1.57E-15
rs148774399	G	C	0.22	0.02	1.57E-15
rs116527809	T	C	0.21	0.02	1.58E-15
rs571746728	A	G	0.26	0.03	1.58E-15
rs17883688	T	C	0.2	0.02	1.59E-15
rs181674620	C	T	0.2	0.02	1.59E-15
rs142017663	G	A	0.18	0.02	1.59E-15
rs76563415	T	C	0.19	0.02	1.59E-15
rs190303497	C	A	0.19	0.02	1.59E-15

rs141897915	A	C	0.2	0.02	1.59E-15
rs116281942	T	G	0.36	0.04	1.60E-15
rs139356781	G	A	0.29	0.03	1.60E-15
rs184553569	G	C	0.58	0.07	1.60E-15
rs114546040	T	C	0.26	0.03	1.60E-15
rs185512899	C	T	0.22	0.02	1.60E-15
rs114888983	A	T	0.2	0.02	1.60E-15
rs73756015	T	C	0.07	0.0088967	1.60E-15
rs145921143	G	C	0.21	0.02	1.60E-15
rs546788786	T	C	0.26	0.03	1.61E-15
rs567520978	C	G	0.29	0.03	1.62E-15
rs113258436	C	T	0.1	0.01	1.62E-15
rs148582266	C	A	0.2	0.02	1.62E-15
rs142210490	A	C	0.26	0.03	1.62E-15
rs79675103	C	T	0.1	0.01	1.63E-15
rs17020770	A	C	5.82	0.73	1.64E-15
rs567535101	A	G	0.2	0.02	1.64E-15
rs140882793	A	G	0.19	0.02	1.64E-15
rs182589049	A	G	0.2	0.02	1.64E-15
rs189232905	A	G	0.22	0.02	1.64E-15
rs545773550	A	C	0.1	0.01	1.64E-15
rs189466762	T	C	0.21	0.02	1.65E-15
rs184522871	T	C	0.22	0.02	1.65E-15
rs189359441	C	T	0.22	0.02	1.65E-15
rs545732	G	T	0.2	0.02	1.65E-15
rs372914515	G	T	0.2	0.02	1.66E-15
rs116763370	C	T	0.19	0.02	1.67E-15
rs144419562	A	G	0.21	0.02	1.67E-15
rs557957297	T	C	0.3	0.03	1.68E-15
rs147965615	T	C	0.2	0.02	1.68E-15
rs144137916	A	G	0.1	0.01	1.68E-15
rs190708736	A	C	0.25	0.03	1.68E-15
rs114447015	A	G	0.2	0.02	1.69E-15
rs75452135	C	G	0.2	0.02	1.69E-15
rs148649893	C	G	0.2	0.02	1.69E-15
rs142299239	A	G	0.2	0.02	1.70E-15
rs142495503	T	C	0.2	0.02	1.70E-15
rs7858128	T	C	0.23	0.02	1.71E-15
rs181191846	T	C	0.07	0.0088743	1.71E-15
rs192561126	T	C	0.22	0.02	1.72E-15
rs149477298	T	C	0.21	0.02	1.72E-15
rs149384982	T	C	0.29	0.03	1.72E-15
rs138150132	A	G	0.2	0.02	1.73E-15
rs569767473	C	T	0.2	0.02	1.73E-15
rs530778469	G	T	0.2	0.02	1.74E-15
rs547723532	G	A	0.1	0.01	1.74E-15
rs183804477	G	A	3.69	0.46	1.74E-15
rs572759210	G	T	0.2	0.02	1.74E-15
rs550630682	T	C	0.2	0.02	1.74E-15
rs115887037	G	C	0.21	0.02	1.74E-15
rs693586	C	T	0.2	0.02	1.75E-15
rs540349	C	T	0.2	0.02	1.75E-15
rs184730747	G	A	0.2	0.02	1.75E-15
rs181760368	C	T	0.2	0.02	1.75E-15
rs114053896	A	G	0.2	0.02	1.75E-15
rs73809269	C	G	0.13	0.01	1.75E-15
rs116800221	C	T	0.22	0.02	1.75E-15
10:10738570_T_A	A	T	0.05	0.0065976	1.75E-15
10:10738571_G_T	T	G	0.05	0.0065976	1.75E-15
rs529881926	G	A	0.2	0.02	1.76E-15
rs375332917	A	C	0.1	0.01	1.77E-15

rs80162558	T	C	0.07	0.0088837	1.77E-15
rs79536289	T	C	0.2	0.02	1.78E-15
rs188924971	T	C	0.18	0.02	1.79E-15
rs566521812	A	T	0.32	0.04	1.79E-15
rs372725682	C	G	0.2	0.02	1.79E-15
rs76909341	G	T	0.2	0.02	1.80E-15
rs77946915	C	T	0.23	0.02	1.80E-15
rs527973356	A	G	0.2	0.02	1.80E-15
rs116405447	C	G	0.2	0.02	1.81E-15
rs116611852	C	A	0.2	0.02	1.81E-15
rs80069365	A	G	0.22	0.02	1.82E-15
rs141841911	T	C	0.31	0.03	1.82E-15
rs116147500	C	T	0.41	0.05	1.82E-15
rs571727758	T	G	0.25	0.03	1.82E-15
rs147206284	C	T	0.19	0.02	1.82E-15
rs147200792	A	G	0.2	0.02	1.83E-15
rs371221682	A	G	0.33	0.04	1.83E-15
rs72977891	A	G	0.2	0.02	1.84E-15
rs10008716	T	C	0.18	0.02	1.84E-15
rs146681536	C	G	0.29	0.03	1.84E-15
rs538145161	C	T	0.2	0.02	1.85E-15
rs74840741	A	G	0.22	0.02	1.85E-15
rs114657068	A	G	0.22	0.02	1.86E-15
rs149238448	A	G	0.25	0.03	1.86E-15
rs529369425	C	T	0.21	0.02	1.87E-15
rs75283645	C	A	0.06	0.0086502	1.88E-15
rs9312702	G	A	0.22	0.02	1.89E-15
rs528525965	T	C	0.2	0.02	1.89E-15
rs571680914	A	G	0.2	0.02	1.89E-15
rs532418864	T	G	0.2	0.02	1.89E-15
rs114745994	G	T	0.2	0.02	1.89E-15
rs145062149	C	T	0.2	0.02	1.89E-15
rs555127055	C	G	0.2	0.02	1.90E-15
rs553215389	G	A	0.2	0.02	1.90E-15
rs571269588	G	A	0.07	0.0088312	1.90E-15
rs116259233	A	G	0.2	0.02	1.90E-15
rs190411848	G	A	0.2	0.02	1.91E-15
rs536568720	T	C	0.2	0.02	1.91E-15
rs535806930	A	G	0.2	0.02	1.91E-15
rs550823634	G	C	0.2	0.02	1.91E-15
rs535257192	G	A	0.2	0.02	1.91E-15
rs144900013	C	G	0.2	0.02	1.92E-15
rs144951269	G	T	0.21	0.02	1.92E-15
rs146371997	T	C	0.2	0.02	1.93E-15
rs74956413	A	G	0.2	0.02	1.93E-15
rs187190744	C	T	0.32	0.04	1.93E-15
rs79388080	G	A	0.21	0.02	1.94E-15
rs10237681	T	C	0.2	0.02	1.94E-15
rs10238035	T	G	0.2	0.02	1.95E-15
rs111354524	T	C	0.16	0.02	1.95E-15
rs113237750	T	G	0.2	0.02	1.95E-15
rs16915155	C	T	0.07	0.0099457	1.97E-15
rs149996999	T	C	0.2	0.02	1.97E-15
rs542712213	A	G	0.2	0.02	1.98E-15
rs749830985	T	A	0.04	0.0055574	1.98E-15
rs188071124	A	C	0.4	0.05	1.98E-15
rs113670555	G	A	0.1	0.01	1.99E-15
rs544823346	A	C	0.06	0.0086262	1.99E-15
rs76821020	A	C	0.2	0.02	1.99E-15
rs370852801	G	A	0.2	0.02	2.00E-15
rs139170162	T	C	0.16	0.02	2.00E-15

rs181903330	C	T	0.27	0.03	2.00E-15
rs114223522	C	T	0.23	0.02	2.01E-15
rs79614728	T	C	0.2	0.02	2.01E-15
rs28498589	G	A	0.21	0.02	2.02E-15
rs542205016	T	C	0.22	0.02	2.02E-15
rs559727404	A	G	0.24	0.03	2.04E-15
rs148787878	G	A	0.3	0.03	2.04E-15
rs142273186	T	C	0.2	0.02	2.04E-15
rs114073325	G	A	0.19	0.02	2.04E-15
rs142100283	T	A	0.27	0.03	2.04E-15
rs142717756	T	G	0.36	0.04	2.05E-15
rs116180411	A	G	0.22	0.02	2.05E-15
rs80082810	A	G	0.21	0.02	2.05E-15
rs142516529	C	T	0.21	0.02	2.05E-15
rs150324671	G	A	0.13	0.01	2.05E-15
rs28668236	G	A	0.19	0.02	2.07E-15
rs551202637	C	A	0.25	0.03	2.07E-15
rs139982173	G	A	0.22	0.02	2.07E-15
rs115788439	T	A	0.19	0.02	2.07E-15
rs140213681	C	T	0.18	0.02	2.07E-15
rs372900110	T	C	0.22	0.02	2.07E-15
rs141738755	A	G	0.22	0.02	2.08E-15
rs150579568	G	A	0.22	0.02	2.08E-15
rs182885956	G	A	0.22	0.02	2.08E-15
rs138396123	C	T	0.28	0.03	2.09E-15
rs567567993	C	T	0.34	0.04	2.09E-15
rs141169175	A	G	0.2	0.02	2.09E-15
rs142191148	T	C	0.1	0.01	2.10E-15
rs141962724	A	T	0.21	0.02	2.10E-15
rs567081448	T	C	0.2	0.02	2.10E-15
rs113190477	A	G	0.52	0.06	2.11E-15
rs114215686	T	G	0.1	0.01	2.11E-15
rs553551282	T	C	0.2	0.02	2.11E-15
rs7627174	T	G	0.2	0.02	2.11E-15
rs139792837	T	A	0.1	0.01	2.11E-15
rs61004699	T	C	0.06	0.0086114	2.12E-15
rs149084229	T	C	0.27	0.03	2.12E-15
3:118620330_T_C	C	T	0.07	0.0089875	2.13E-15
rs116779576	G	A	0.2	0.02	2.13E-15
rs78674408	C	T	0.2	0.02	2.14E-15
rs115137554	T	C	0.1	0.01	2.14E-15
rs77192922	T	A	0.2	0.02	2.14E-15
rs138086340	C	A	1.31	0.16	2.14E-15
rs570384136	A	G	0.2	0.02	2.16E-15
rs139183005	T	C	0.19	0.02	2.16E-15
rs11988343	A	G	0.19	0.02	2.16E-15
rs375748059	A	G	0.15	0.01	2.17E-15
rs184527401	A	C	0.2	0.02	2.17E-15
rs111340327	G	A	0.32	0.04	2.17E-15
rs10216449	C	A	0.2	0.02	2.18E-15
rs187598163	T	C	0.72	0.09	2.19E-15
rs16915159	G	T	0.07	0.01	2.19E-15
rs77872728	T	C	0.2	0.02	2.19E-15
rs143771691	T	C	0.21	0.02	2.19E-15
rs147055411	T	C	0.22	0.02	2.20E-15
rs115989457	G	C	0.2	0.02	2.20E-15
rs142176849	A	G	0.2	0.02	2.21E-15
rs542802361	A	T	0.2	0.02	2.21E-15
rs563197718	C	G	0.31	0.03	2.22E-15
rs577180447	G	A	0.2	0.02	2.23E-15
rs112463435	A	C	0.2	0.02	2.23E-15

rs531335398	A	G	0.2	0.02	2.23E-15
rs7626253	A	G	0.19	0.02	2.24E-15
rs78464048	T	C	0.2	0.02	2.24E-15
rs140989595	T	C	0.2	0.02	2.25E-15
rs150458329	G	A	7.37	0.92	2.25E-15
rs182447792	A	G	0.2	0.02	2.25E-15
rs371023267	T	C	0.14	0.01	2.25E-15
2:226339367_C_T	T	C	0.1	0.01	2.25E-15
rs570380122	T	G	0.19	0.02	2.26E-15
rs867125886	T	C	0.04	0.0059926	2.26E-15
rs142818239	T	A	0.2	0.02	2.26E-15
rs112512901	C	T	0.18	0.02	2.26E-15
rs138101662	T	C	1.66	0.21	2.27E-15
rs115453764	T	C	0.2	0.02	2.28E-15
rs554753810	C	T	0.2	0.02	2.28E-15
rs571237792	A	G	0.19	0.02	2.29E-15
rs116381743	C	T	0.19	0.02	2.29E-15
rs546092027	T	C	0.2	0.02	2.29E-15
rs190961075	G	A	1.26	0.15	2.29E-15
rs556725269	C	T	0.2	0.02	2.30E-15
rs533248346	G	C	0.2	0.02	2.30E-15
rs558254430	G	A	0.42	0.05	2.30E-15
rs147952781	T	C	0.1	0.01	2.31E-15
rs550079522	C	G	0.19	0.02	2.31E-15
rs147224132	C	T	0.2	0.02	2.32E-15
rs150544727	A	G	0.39	0.05	2.33E-15
rs144970648	T	C	0.47	0.06	2.34E-15
rs142238271	A	G	0.22	0.02	2.34E-15
rs146988415	A	T	0.2	0.02	2.35E-15
rs116635505	G	T	0.21	0.02	2.35E-15
rs187544805	C	T	0.2	0.02	2.36E-15
rs575589394	C	T	0.2	0.02	2.36E-15
rs191089059	A	C	0.2	0.02	2.36E-15
rs189812186	T	C	0.24	0.03	2.36E-15
rs564713779	A	C	0.2	0.02	2.37E-15
rs111287469	A	T	0.2	0.02	2.38E-15
rs189553312	C	T	0.26	0.03	2.39E-15
rs75753267	G	A	0.2	0.02	2.39E-15
rs145811931	G	C	0.2	0.02	2.41E-15
rs375060291	A	C	0.19	0.02	2.42E-15
rs145810893	C	T	1.12	0.14	2.42E-15
rs144146388	G	C	0.19	0.02	2.42E-15
rs557587644	C	A	0.19	0.02	2.43E-15
rs374064057	T	C	0.2	0.02	2.43E-15
rs144524985	G	T	0.5	0.06	2.43E-15
rs556620435	G	C	0.21	0.02	2.44E-15
rs116817001	T	A	0.1	0.01	2.44E-15
rs118064113	G	T	0.42	0.05	2.44E-15
rs191781774	A	T	0.2	0.02	2.45E-15
rs75709943	G	A	0.2	0.02	2.45E-15
rs146446914	C	G	0.1	0.01	2.45E-15
rs142748537	T	A	0.2	0.02	2.45E-15
rs79893663	A	T	0.21	0.02	2.45E-15
rs74677254	G	T	1.36	0.17	2.46E-15
rs141456027	T	C	0.25	0.03	2.46E-15
rs114211878	G	T	0.2	0.02	2.47E-15
rs143161210	T	C	0.19	0.02	2.47E-15
rs13413202	T	C	0.1	0.01	2.47E-15
rs138135800	A	C	0.31	0.03	2.47E-15
rs528006558	A	G	0.24	0.03	2.47E-15
rs576371296	A	G	0.13	0.01	2.47E-15

rs114436616	A	G	0.21	0.02	2.47E-15
rs115067062	G	C	0.2	0.02	2.47E-15
rs557849411	C	T	0.1	0.01	2.48E-15
rs536454769	G	A	0.15	0.01	2.48E-15
rs373411518	T	A	0.24	0.03	2.48E-15
rs142344878	G	T	0.2	0.02	2.48E-15
rs75072275	A	G	0.07	0.0090344	2.48E-15
rs114985830	C	A	0.19	0.02	2.49E-15
rs76922966	A	G	4.62	0.58	2.49E-15
rs144124368	T	C	0.19	0.02	2.49E-15
rs141067189	A	C	0.2	0.02	2.50E-15
rs146024241	G	A	0.14	0.01	2.51E-15
rs58466948	T	A	0.2	0.02	2.51E-15
rs116723503	C	T	0.29	0.03	2.51E-15
rs184233880	A	G	0.19	0.02	2.51E-15
rs140158405	G	A	0.3	0.03	2.52E-15
rs115426647	T	G	0.2	0.02	2.54E-15
rs141764005	C	T	0.2	0.02	2.55E-15
rs570705499	A	G	0.2	0.02	2.56E-15
rs140487411	C	G	0.28	0.03	2.56E-15
rs181788820	A	C	0.19	0.02	2.56E-15
rs138832228	T	G	0.12	0.01	2.56E-15
rs116593035	A	G	0.2	0.02	2.56E-15
rs146686863	G	A	0.22	0.02	2.57E-15
rs139183900	C	T	0.16	0.02	2.58E-15
rs191539061	T	G	0.18	0.02	2.58E-15
rs115415833	T	C	0.22	0.02	2.59E-15
rs1885451	T	G	0.2	0.02	2.59E-15
rs191430800	T	C	0.2	0.02	2.59E-15
rs148306533	A	G	0.1	0.01	2.59E-15
rs78766640	A	G	0.23	0.03	2.60E-15
rs551334520	A	G	0.2	0.02	2.60E-15
rs117752124	T	G	0.2	0.02	2.60E-15
rs28714494	C	A	0.5	0.06	2.63E-15
rs145409143	T	C	0.19	0.02	2.64E-15
rs149761758	C	T	0.2	0.02	2.65E-15
rs13388412	A	C	0.2	0.02	2.65E-15
rs116771127	T	G	0.2	0.02	2.65E-15
rs114896609	T	A	0.2	0.02	2.66E-15
rs144013197	A	G	0.2	0.02	2.67E-15
rs151234132	G	A	0.19	0.02	2.68E-15
rs115877142	C	T	0.21	0.02	2.68E-15
rs142539268	T	C	0.2	0.02	2.68E-15
rs58512451	C	A	0.19	0.02	2.68E-15
rs143204756	C	A	0.2	0.02	2.68E-15
rs115616836	A	G	0.07	0.01	2.69E-15
rs376572350	T	G	0.2	0.02	2.70E-15
rs140819241	G	A	0.2	0.02	2.70E-15
rs142860178	T	C	0.2	0.02	2.73E-15
rs139975838	G	C	0.24	0.03	2.73E-15
rs138240085	T	A	0.2	0.02	2.74E-15
rs187063988	C	T	0.2	0.02	2.74E-15
rs189964165	T	C	0.12	0.01	2.75E-15
rs60957341	T	C	0.3	0.03	2.75E-15
rs115659827	T	A	0.2	0.02	2.75E-15
rs535961227	A	G	0.2	0.02	2.77E-15
rs150577303	A	C	0.19	0.02	2.78E-15
rs141010920	A	G	0.2	0.02	2.78E-15
rs140470231	C	A	0.39	0.05	2.81E-15
rs17030558	G	C	0.19	0.02	2.84E-15
rs151293520	A	G	0.17	0.02	2.84E-15



rs138983187	A	T	0.2	0.02	2.84E-15
rs143101427	G	A	0.25	0.03	2.87E-15
rs11133576	G	C	0.22	0.02	2.88E-15
rs76938731	C	T	0.19	0.02	2.88E-15
rs564377085	T	A	0.24	0.03	2.90E-15
rs117183208	C	T	0.46	0.05	2.90E-15
rs115013305	C	A	0.19	0.02	2.91E-15
rs375794888	A	G	0.2	0.02	2.91E-15
rs144862129	T	C	0.19	0.02	2.91E-15
rs144236753	T	C	0.19	0.02	2.93E-15
rs116312990	A	C	0.3	0.03	2.93E-15
rs114842849	A	G	0.23	0.02	2.94E-15
rs143234113	A	G	0.07	0.0099389	2.94E-15
3:2265460_G_A	A	G	0.05	0.0075343	2.95E-15
rs142382264	C	T	0.19	0.02	2.95E-15
rs112706640	T	C	0.2	0.02	2.96E-15
rs139553464	A	G	0.19	0.02	2.96E-15
rs148668846	A	G	0.06	0.0086732	2.96E-15
rs192595985	G	A	0.2	0.02	2.98E-15
rs114117818	A	G	0.2	0.02	2.99E-15
rs58969045	T	G	0.26	0.03	3.01E-15
rs188671781	G	A	0.06	0.0080846	3.01E-15
rs34496449	G	T	0.21	0.02	3.01E-15
rs114363348	A	G	0.12	0.01	3.02E-15
rs7674069	G	T	0.19	0.02	3.02E-15
rs150099443	T	A	0.19	0.02	3.04E-15
rs373180205	G	A	0.12	0.01	3.04E-15
rs537909536	T	G	0.07	0.0094984	3.04E-15
rs144394536	A	C	0.19	0.02	3.05E-15
rs139261424	C	T	0.2	0.02	3.06E-15
rs147697941	A	C	0.19	0.02	3.07E-15
rs534445290	T	C	0.31	0.04	3.07E-15
rs552528228	G	A	0.19	0.02	3.07E-15
rs568430430	A	G	0.19	0.02	3.07E-15
rs75667836	T	A	0.54	0.06	3.08E-15
rs75037466	T	C	0.1	0.01	3.08E-15
rs141811267	A	C	0.2	0.02	3.08E-15
rs184235303	G	A	0.19	0.02	3.09E-15
rs572777278	A	T	0.19	0.02	3.09E-15
rs114522544	G	C	0.25	0.03	3.10E-15
rs73086720	G	A	0.22	0.02	3.10E-15
rs577346171	T	C	0.15	0.01	3.11E-15
rs139701373	A	G	0.2	0.02	3.11E-15
rs115082273	A	G	0.2	0.02	3.13E-15
rs147069641	T	C	0.2	0.02	3.13E-15
rs560582784	T	C	0.19	0.02	3.14E-15
rs115493795	T	G	0.2	0.02	3.17E-15
rs78517346	A	C	0.2	0.02	3.17E-15
rs147009219	T	C	0.17	0.02	3.18E-15
rs182473213	G	C	0.1	0.01	3.19E-15
rs192099210	T	C	0.24	0.03	3.20E-15
rs73749284	G	C	0.2	0.02	3.22E-15
rs8143188	T	C	0.06	0.0078161	3.22E-15
rs114939392	T	A	0.21	0.02	3.23E-15
rs538450363	C	G	0.25	0.03	3.23E-15
rs115261675	T	G	0.2	0.02	3.23E-15
rs73749287	T	G	0.19	0.02	3.24E-15
rs114309362	A	G	0.24	0.03	3.24E-15
rs142591015	G	A	0.2	0.02	3.25E-15
rs113315742	A	G	0.52	0.06	3.26E-15
rs143041195	T	C	0.72	0.09	3.26E-15

rs146349536	T	A	0.19	0.02	3.26E-15
rs144787000	C	T	0.2	0.02	3.27E-15
rs147975452	A	G	0.37	0.04	3.27E-15
rs114385408	T	G	0.19	0.02	3.27E-15
rs78069880	A	G	0.19	0.02	3.28E-15
rs538750434	A	G	1.2	0.15	3.28E-15
rs115197861	A	G	0.2	0.02	3.28E-15
rs13397084	C	G	0.19	0.02	3.28E-15
rs145373669	C	T	0.17	0.02	3.29E-15
rs77813528	A	G	0.09	0.01	3.29E-15
rs115179365	C	T	0.81	0.1	3.30E-15
rs112046707	A	G	0.22	0.02	3.31E-15
rs147060255	T	C	0.2	0.02	3.31E-15
rs369580861	G	A	0.2	0.02	3.31E-15
rs180798631	T	C	0.2	0.02	3.32E-15
rs547012868	T	C	0.19	0.02	3.32E-15
rs189599883	T	C	0.29	0.03	3.32E-15
rs115573898	T	C	0.2	0.02	3.33E-15
rs576027606	A	G	0.14	0.01	3.35E-15
rs143856318	T	C	0.19	0.02	3.35E-15
rs151272001	A	G	0.19	0.02	3.36E-15
rs146209779	T	C	0.19	0.02	3.36E-15
rs189697830	C	A	0.19	0.02	3.36E-15
rs115972976	T	G	0.19	0.02	3.37E-15
rs548489427	T	C	0.3	0.03	3.38E-15
rs150477271	G	A	0.2	0.02	3.38E-15
rs139228249	G	A	0.19	0.02	3.38E-15
rs551766039	C	T	0.09	0.01	3.39E-15
rs561582234	T	C	0.2	0.02	3.39E-15
rs112506950	T	G	0.19	0.02	3.44E-15
rs112821719	C	T	0.19	0.02	3.44E-15
rs151069180	A	G	0.19	0.02	3.44E-15
rs114363253	A	G	0.19	0.02	3.44E-15
rs146179324	C	T	0.19	0.02	3.44E-15
rs148273488	T	C	0.19	0.02	3.44E-15
rs146635686	T	G	2.59	0.32	3.45E-15
rs137948242	A	G	0.1	0.01	3.45E-15
rs116548156	T	C	0.1	0.01	3.45E-15
rs180907027	A	G	0.19	0.02	3.45E-15
rs116217607	C	T	0.19	0.02	3.45E-15
rs374606952	A	C	0.18	0.02	3.46E-15
rs182659758	G	A	0.2	0.02	3.47E-15
rs143688435	A	G	0.19	0.02	3.48E-15
rs148962653	G	A	0.19	0.02	3.48E-15
rs6832805	A	G	0.19	0.02	3.49E-15
rs74487041	T	C	0.21	0.02	3.49E-15
rs111814456	A	G	0.17	0.02	3.49E-15
rs117508236	G	A	0.16	0.02	3.50E-15
rs144597392	A	G	0.38	0.04	3.50E-15
rs114527201	T	C	0.24	0.03	3.50E-15
rs148699454	C	G	0.27	0.03	3.51E-15
rs139813533	C	T	0.19	0.02	3.52E-15
rs114242417	A	T	0.2	0.02	3.52E-15
rs567038650	T	G	0.19	0.02	3.52E-15
rs116387347	C	T	0.19	0.02	3.53E-15
rs191623211	C	A	0.19	0.02	3.54E-15
rs374819607	T	C	0.16	0.02	3.54E-15
rs139335063	G	A	0.19	0.02	3.57E-15
rs138487709	T	C	0.14	0.01	3.57E-15
rs538990428	T	C	0.19	0.02	3.57E-15
rs76649677	C	A	0.2	0.02	3.59E-15

rs115235770	G	A	0.19	0.02	3.59E-15
rs536802067	G	A	0.19	0.02	3.60E-15
rs114890192	T	G	0.2	0.02	3.60E-15
rs569404310	A	G	0.19	0.02	3.61E-15
rs369855667	G	A	0.12	0.01	3.61E-15
rs142723999	C	A	0.24	0.03	3.62E-15
rs73753902	A	G	0.07	0.0089019	3.62E-15
rs79993321	T	C	0.09	0.01	3.62E-15
rs116404993	C	T	0.64	0.08	3.63E-15
rs148130243	T	C	0.18	0.02	3.63E-15
rs375400333	A	G	1.27	0.16	3.63E-15
rs552939445	C	A	0.2	0.02	3.63E-15
rs554523053	G	A	0.4	0.05	3.64E-15
rs539426197	G	T	0.2	0.02	3.64E-15
rs190381327	G	T	0.2	0.02	3.65E-15
rs116560750	C	T	0.32	0.04	3.65E-15
rs79814522	C	T	0.2	0.02	3.65E-15
rs116588870	C	T	0.1	0.01	3.66E-15
rs574887290	C	T	0.2	0.02	3.67E-15
rs115589009	C	T	0.26	0.03	3.68E-15
rs185997761	A	G	0.12	0.01	3.68E-15
rs17030580	G	C	0.19	0.02	3.69E-15
rs7766849	T	G	0.2	0.02	3.69E-15
rs114844842	A	G	0.19	0.02	3.70E-15
rs369546529	A	G	0.19	0.02	3.70E-15
rs114526762	C	G	0.19	0.02	3.71E-15
rs113852970	T	C	0.19	0.02	3.71E-15
rs79980556	T	C	0.2	0.02	3.72E-15
rs141213113	A	G	0.21	0.02	3.72E-15
rs184487824	G	C	0.24	0.03	3.72E-15
rs111527731	C	T	0.19	0.02	3.73E-15
rs141526799	A	G	0.13	0.01	3.73E-15
rs192970622	G	C	0.19	0.02	3.74E-15
rs141892266	A	C	0.2	0.02	3.74E-15
rs115019153	T	C	0.23	0.03	3.75E-15
rs143489388	C	G	0.1	0.01	3.76E-15
rs115684984	C	T	0.2	0.02	3.77E-15
rs79938577	G	A	0.2	0.02	3.79E-15
rs10247123	A	G	0.2	0.02	3.79E-15
rs140456812	G	C	0.19	0.02	3.80E-15
rs149814808	T	C	5.83	0.74	3.82E-15
rs148806926	C	T	0.2	0.02	3.82E-15
rs188463940	C	A	0.21	0.02	3.82E-15
rs563783712	T	C	0.19	0.02	3.84E-15
rs140384584	T	C	0.27	0.03	3.85E-15
rs77869564	C	T	0.11	0.01	3.85E-15
rs183573260	A	G	0.69	0.08	3.85E-15
rs367782995	A	T	0.19	0.02	3.85E-15
rs73422817	T	C	0.19	0.02	3.85E-15
rs573967442	A	G	0.2	0.02	3.85E-15
rs551286130	A	G	0.19	0.02	3.85E-15
rs182632636	C	T	0.2	0.02	3.85E-15
rs141324927	A	C	0.19	0.02	3.86E-15
rs372223569	G	C	0.22	0.02	3.86E-15
rs147718881	A	C	0.19	0.02	3.87E-15
rs543241290	A	G	0.1	0.01	3.90E-15
rs141449673	C	T	0.2	0.02	3.91E-15
rs561282375	A	G	50.17	6.38	3.93E-15
rs144406253	A	G	0.19	0.02	3.93E-15
rs531471710	G	A	0.2	0.02	3.94E-15
rs190415550	C	G	0.2	0.02	3.96E-15

rs146982259	A	G	0.2	0.02	3.97E-15
rs77172558	A	G	0.19	0.02	3.98E-15
rs73749288	G	C	0.19	0.02	3.98E-15
rs190071773	C	G	0.24	0.03	3.98E-15
rs147950436	T	G	0.27	0.03	4.00E-15
rs181219033	T	C	0.13	0.01	4.01E-15
rs149933305	A	C	0.19	0.02	4.03E-15
rs183894350	G	A	0.24	0.03	4.03E-15
rs146698429	T	C	0.2	0.02	4.05E-15
rs139339436	T	C	0.21	0.02	4.06E-15
rs541752396	A	G	0.17	0.02	4.08E-15
rs138982634	C	T	0.15	0.01	4.08E-15
rs148476615	T	C	0.22	0.02	4.08E-15
rs58759300	G	A	0.16	0.02	4.09E-15
rs190681098	C	T	0.77	0.09	4.12E-15
rs79179155	A	G	0.06	0.0088948	4.13E-15
rs151027734	T	C	0.21	0.02	4.13E-15
rs75717169	T	C	0.23	0.02	4.15E-15
rs146548472	C	G	0.19	0.02	4.16E-15
rs17097949	A	G	0.2	0.02	4.16E-15
rs188051086	G	C	0.19	0.02	4.17E-15
rs182226428	G	A	0.25	0.03	4.17E-15
rs138965062	A	G	0.2	0.02	4.18E-15
rs76740697	T	C	0.19	0.02	4.19E-15
rs147597645	A	C	0.2	0.02	4.20E-15
rs188342793	A	C	0.2	0.02	4.20E-15
rs79319396	C	T	0.22	0.02	4.21E-15
rs10022939	T	G	0.21	0.02	4.21E-15
rs73098954	G	A	0.11	0.01	4.22E-15
rs115698402	A	G	0.2	0.02	4.22E-15
rs77954548	C	T	0.19	0.02	4.22E-15
rs184426556	A	C	0.19	0.02	4.23E-15
rs540041312	C	T	0.2	0.02	4.23E-15
rs188795696	A	C	0.44	0.05	4.24E-15
rs76125043	T	C	0.15	0.02	4.25E-15
rs73695785	G	A	0.15	0.01	4.25E-15
rs77436666	G	T	0.2	0.02	4.25E-15
rs192901756	T	A	0.19	0.02	4.26E-15
rs112022321	T	A	0.05	0.0065852	4.28E-15
rs116255321	G	A	0.19	0.02	4.29E-15
rs116112805	T	C	0.19	0.02	4.32E-15
rs75801733	T	C	0.1	0.01	4.34E-15
rs144548953	G	A	0.19	0.02	4.36E-15
rs372311152	A	G	1.01	0.12	4.36E-15
rs77452786	C	A	0.19	0.02	4.36E-15
rs78104753	T	C	0.2	0.02	4.37E-15
rs183703288	A	G	0.19	0.02	4.39E-15
rs545586041	T	C	0.2	0.02	4.39E-15
rs187566197	G	A	0.39	0.05	4.39E-15
rs115223195	A	T	0.16	0.02	4.39E-15
rs147709066	C	T	0.1	0.01	4.39E-15
rs192948483	C	A	0.1	0.01	4.40E-15
rs79204836	T	C	0.15	0.02	4.40E-15
rs116145944	A	C	0.19	0.02	4.40E-15
rs145461096	C	G	0.21	0.02	4.41E-15
rs58929862	T	C	0.19	0.02	4.43E-15
rs139868131	C	T	0.19	0.02	4.44E-15
rs148279490	C	G	0.21	0.02	4.45E-15
rs140068016	T	C	0.19	0.02	4.48E-15
rs77682189	G	A	0.07	0.009848	4.48E-15
rs116158997	A	C	0.19	0.02	4.50E-15

rs189340623	T	C	0.18	0.02	4.51E-15
rs144182396	A	G	0.2	0.02	4.53E-15
rs115975388	A	G	0.26	0.03	4.54E-15
rs147819971	T	C	0.19	0.02	4.54E-15
rs549941529	G	T	0.22	0.02	4.54E-15
rs192552031	C	T	0.16	0.02	4.55E-15
rs181851679	A	G	0.19	0.02	4.56E-15
rs553892066	T	C	0.32	0.04	4.56E-15
rs111724152	T	C	0.23	0.02	4.57E-15
rs138137952	T	G	0.24	0.03	4.57E-15
rs74874523	C	T	0.19	0.02	4.58E-15
rs188083724	A	C	0.19	0.02	4.59E-15
rs116750663	C	T	0.1	0.01	4.59E-15
rs188883425	G	T	0.28	0.03	4.61E-15
rs78738580	G	A	0.1	0.01	4.62E-15
rs75018745	A	T	0.21	0.02	4.64E-15
rs57979497	T	C	0.19	0.02	4.64E-15
rs145743967	A	G	0.19	0.02	4.65E-15
rs190074799	T	C	0.19	0.02	4.65E-15
rs56024747	T	C	0.19	0.02	4.65E-15
rs141619954	A	G	0.2	0.02	4.66E-15
rs192042706	A	C	0.21	0.02	4.67E-15
rs41264328	C	T	0.19	0.02	4.69E-15
rs539272762	G	T	0.19	0.02	4.70E-15
rs147011206	G	T	0.45	0.05	4.70E-15
rs12343900	A	G	0.15	0.01	4.71E-15
rs181139362	A	C	0.16	0.02	4.73E-15
rs10098708	G	T	0.21	0.02	4.75E-15
rs192986402	C	T	0.19	0.02	4.75E-15
rs149264205	A	G	0.37	0.04	4.75E-15
rs150471166	A	C	0.37	0.04	4.75E-15
rs115683180	G	T	0.2	0.02	4.76E-15
rs141546791	T	C	0.19	0.02	4.76E-15
rs140002681	G	A	0.18	0.02	4.77E-15
rs114983172	A	G	0.18	0.02	4.77E-15
rs16824638	C	T	0.19	0.02	4.77E-15
rs191739751	T	A	0.18	0.02	4.77E-15
rs146830697	A	G	0.16	0.02	4.77E-15
rs143449883	A	C	0.11	0.01	4.79E-15
rs545120958	A	G	0.19	0.02	4.79E-15
rs78289588	A	G	0.2	0.02	4.79E-15
rs191036743	A	G	0.25	0.03	4.79E-15
rs145288293	A	G	0.19	0.02	4.81E-15
rs149079436	C	T	0.2	0.02	4.82E-15
rs140505132	C	T	0.2	0.02	4.88E-15
rs114267330	G	A	0.19	0.02	4.90E-15
rs534273866	G	A	0.09	0.01	4.93E-15
rs140197345	T	C	0.18	0.02	4.95E-15
rs11251164	C	T	0.19	0.02	4.95E-15
rs113556250	T	C	0.24	0.03	4.95E-15
rs144385893	T	C	0.19	0.02	4.96E-15
rs10029649	A	G	0.25	0.03	4.98E-15
rs116209776	A	T	0.19	0.02	4.98E-15
rs192088918	C	T	0.19	0.02	4.99E-15
rs114710792	A	C	0.2	0.02	5.00E-15
rs76154574	C	T	0.19	0.02	5.01E-15
rs532290804	A	G	0.2	0.02	5.01E-15
rs114089086	A	G	0.19	0.02	5.02E-15
rs551847684	G	A	0.19	0.02	5.03E-15
rs191969547	T	G	0.19	0.02	5.03E-15
rs138165082	A	C	0.21	0.02	5.04E-15

rs139035986	T	C	0.24	0.03	5.06E-15
rs115329381	A	G	0.19	0.02	5.07E-15
rs550767932	A	G	0.2	0.02	5.07E-15
rs188572542	G	A	0.19	0.02	5.09E-15
rs115067196	A	G	0.2	0.02	5.10E-15
rs141725534	A	G	0.19	0.02	5.11E-15
rs573551788	G	A	0.34	0.04	5.11E-15
rs116389417	T	G	0.19	0.02	5.15E-15
rs185913114	G	A	0.38	0.04	5.16E-15
rs185034757	G	T	0.19	0.02	5.16E-15
rs532479330	T	C	0.1	0.01	5.17E-15
rs546547486	C	T	0.19	0.02	5.20E-15
rs79599253	A	G	0.18	0.02	5.21E-15
rs144143288	A	G	0.19	0.02	5.21E-15
rs76675782	G	A	0.19	0.02	5.22E-15
rs548314281	C	T	0.19	0.02	5.23E-15
rs78509528	A	G	0.19	0.02	5.23E-15
rs374373846	A	C	0.16	0.02	5.23E-15
rs148837710	A	C	0.2	0.02	5.23E-15
rs76820676	C	G	0.19	0.02	5.23E-15
rs545566080	A	G	0.1	0.01	5.24E-15
rs148161681	C	A	0.18	0.02	5.26E-15
rs116004300	T	C	0.21	0.02	5.26E-15
rs116264888	A	T	0.19	0.02	5.27E-15
rs144723181	A	G	0.17	0.02	5.27E-15
rs57203597	A	G	0.16	0.02	5.27E-15
rs140385048	C	T	0.21	0.02	5.29E-15
rs151103853	T	C	0.19	0.02	5.30E-15
rs111570195	C	A	0.19	0.02	5.31E-15
rs11251165	A	G	0.19	0.02	5.31E-15
rs187605604	C	T	0.26	0.03	5.31E-15
rs112654090	T	C	0.2	0.02	5.32E-15
rs151291022	T	C	0.2	0.02	5.33E-15
rs556301275	A	G	0.19	0.02	5.33E-15
rs145311050	G	A	0.2	0.02	5.34E-15
rs114697095	A	G	0.49	0.06	5.36E-15
rs373846401	A	G	0.21	0.02	5.40E-15
rs117120619	A	G	0.19	0.02	5.40E-15
rs190593144	T	A	0.27	0.03	5.40E-15
rs554395266	A	G	0.23	0.02	5.40E-15
rs139544858	T	G	0.1	0.01	5.41E-15
rs529536629	G	A	0.96	0.12	5.42E-15
rs145538779	C	T	0.19	0.02	5.42E-15
rs140337006	C	A	0.38	0.04	5.43E-15
rs145123507	A	G	0.2	0.02	5.43E-15
rs16856284	C	T	0.21	0.02	5.43E-15
rs150163932	A	G	0.47	0.06	5.44E-15
rs144370728	T	C	0.1	0.01	5.45E-15
rs147006142	T	G	0.19	0.02	5.47E-15
rs540639312	A	G	0.2	0.02	5.47E-15
rs191077755	C	A	0.36	0.04	5.47E-15
rs148002531	A	T	0.19	0.02	5.49E-15
rs115535861	G	A	0.27	0.03	5.51E-15
rs61489395	C	T	0.31	0.03	5.51E-15
rs183147475	C	T	0.11	0.01	5.52E-15
rs148529744	C	T	0.19	0.02	5.54E-15
rs554898639	C	T	0.2	0.02	5.55E-15
rs7594588	G	A	0.1	0.01	5.56E-15
rs138807739	T	C	0.19	0.02	5.56E-15
rs114549206	T	C	0.31	0.03	5.58E-15
rs555585700	T	C	0.18	0.02	5.58E-15

rs564802462	C	A	0.26	0.03	5.59E-15
rs144758329	A	C	0.2	0.02	5.61E-15
rs114728869	T	A	0.19	0.02	5.63E-15
rs187820885	C	T	0.24	0.03	5.63E-15
rs138186085	A	G	0.24	0.03	5.64E-15
rs542444822	A	G	0.71	0.09	5.64E-15
rs188531415	C	T	0.71	0.09	5.64E-15
rs17154862	T	C	0.07	0.01	5.64E-15
rs149463740	G	A	0.19	0.02	5.64E-15
rs115300620	A	G	0.19	0.02	5.66E-15
rs138866940	A	G	0.24	0.03	5.66E-15
rs115684165	A	C	0.19	0.02	5.67E-15
rs542391462	T	C	0.21	0.02	5.68E-15
rs528361746	G	A	0.91	0.11	5.68E-15
rs112148594	T	G	0.19	0.02	5.69E-15
rs112134727	T	C	0.19	0.02	5.73E-15
rs117004891	T	G	0.2	0.02	5.74E-15
rs535688849	T	A	0.21	0.02	5.76E-15
rs17879364	G	C	0.19	0.02	5.79E-15
rs185771216	T	G	0.19	0.02	5.79E-15
rs545785599	T	A	0.08	0.01	5.82E-15
rs148571154	G	T	0.19	0.02	5.82E-15
rs116794880	C	T	0.1	0.01	5.83E-15
rs560603818	G	C	0.19	0.02	5.84E-15
rs146372984	A	T	0.18	0.02	5.85E-15
rs144051084	G	A	0.19	0.02	5.86E-15
rs142036133	G	C	0.19	0.02	5.86E-15
rs182711759	T	C	0.19	0.02	5.87E-15
rs562796544	T	C	0.19	0.02	5.89E-15
rs114466464	A	G	0.19	0.02	5.90E-15
rs535384255	T	A	0.19	0.02	5.91E-15
rs569898678	C	A	0.2	0.02	5.91E-15
rs115418813	G	A	0.19	0.02	5.93E-15
rs78973609	T	C	0.1	0.01	5.93E-15
rs186125923	C	T	0.24	0.03	5.93E-15
rs150792255	T	C	0.19	0.02	5.93E-15
rs144738857	C	T	0.2	0.02	5.94E-15
rs189839501	T	C	0.2	0.02	5.94E-15
rs115594221	A	G	0.19	0.02	5.95E-15
rs141108440	G	A	0.05	0.0065382	5.95E-15
rs115845346	T	C	0.19	0.02	5.96E-15
rs116658019	A	G	0.19	0.02	5.96E-15
rs115039963	T	C	0.19	0.02	5.97E-15
rs146353723	T	C	0.2	0.02	5.98E-15
rs185987769	G	A	0.2	0.02	6.00E-15
rs142593627	C	T	0.18	0.02	6.01E-15
rs148302543	T	C	0.19	0.02	6.02E-15
rs555466754	A	G	0.12	0.01	6.04E-15
rs577581515	A	G	0.19	0.02	6.04E-15
rs73148566	G	A	0.19	0.02	6.05E-15
rs145535906	C	G	0.19	0.02	6.05E-15
rs143163015	T	G	0.19	0.02	6.05E-15
rs116801698	A	G	0.19	0.02	6.06E-15
rs74897383	C	T	0.19	0.02	6.07E-15
rs113044727	A	G	0.19	0.02	6.07E-15
rs112062734	G	A	0.05	0.0065375	6.08E-15
rs7867288	T	C	0.19	0.02	6.08E-15
rs115577555	T	C	0.18	0.02	6.09E-15
3:39684609_G_T	T	G	0.05	0.0065997	6.10E-15
rs575368162	G	A	0.19	0.02	6.12E-15
rs376679201	G	A	0.19	0.02	6.14E-15

rs374223383	C	A	0.07	0.0094896	6.16E-15
rs184405443	A	C	0.24	0.03	6.19E-15
rs112793617	C	A	0.19	0.02	6.19E-15
rs116741762	A	G	0.19	0.02	6.20E-15
rs149394555	A	C	0.21	0.02	6.21E-15
rs146308236	G	A	0.16	0.02	6.22E-15
rs12612379	T	C	-0.19	0.02	6.23E-15
rs138058770	T	C	0.19	0.02	6.24E-15
rs138988675	T	C	0.09	0.01	6.25E-15
rs147005199	A	T	0.2	0.02	6.28E-15
rs554525139	T	A	0.19	0.02	6.30E-15
rs144182265	A	T	0.19	0.02	6.32E-15
rs182399550	C	A	0.39	0.05	6.33E-15
rs189552378	T	C	0.24	0.03	6.33E-15
rs73698747	C	T	0.16	0.02	6.35E-15
rs6688566	C	A	0.08	0.01	6.36E-15
rs143186785	G	A	0.17	0.02	6.37E-15
rs79819698	A	C	0.19	0.02	6.40E-15
rs114586995	C	T	0.19	0.02	6.41E-15
rs78706072	A	G	0.07	0.01	6.42E-15
rs76436624	A	G	0.19	0.02	6.43E-15
rs146608187	T	C	0.19	0.02	6.43E-15
rs185510010	G	A	0.21	0.02	6.44E-15
rs28568628	A	G	0.19	0.02	6.44E-15
rs143673148	A	G	0.19	0.02	6.46E-15
rs79373833	C	G	0.2	0.02	6.46E-15
rs143360529	G	C	0.39	0.05	6.50E-15
rs148211405	G	T	0.19	0.02	6.52E-15
rs114362062	T	C	0.1	0.01	6.54E-15
rs192699939	A	G	0.19	0.02	6.54E-15
rs570666851	A	T	0.19	0.02	6.56E-15
rs114065545	A	G	0.25	0.03	6.59E-15
rs192358723	C	A	0.19	0.02	6.59E-15
rs76363574	C	T	0.63	0.08	6.61E-15
rs73096850	T	G	0.19	0.02	6.61E-15
rs574801035	T	C	0.68	0.08	6.61E-15
rs74992213	G	A	0.18	0.02	6.64E-15
rs116248699	C	T	0.2	0.02	6.65E-15
rs76401714	C	T	0.19	0.02	6.66E-15
rs148827897	G	A	0.19	0.02	6.66E-15
rs78633081	C	G	0.21	0.02	6.66E-15
rs13433851	A	G	0.19	0.02	6.67E-15
rs57597379	A	G	0.19	0.02	6.69E-15
rs190889727	A	T	0.19	0.02	6.69E-15
rs544877450	A	G	0.21	0.02	6.69E-15
rs369783746	T	C	0.25	0.03	6.71E-15
rs149842868	A	G	0.19	0.02	6.72E-15
rs752799	T	C	0.19	0.02	6.72E-15
rs141048494	A	G	0.15	0.02	6.75E-15
rs116352921	A	G	0.19	0.02	6.76E-15
rs76960671	T	G	0.19	0.02	6.76E-15
rs111354379	G	C	0.2	0.02	6.78E-15
rs144779249	T	C	0.19	0.02	6.78E-15
rs117402654	A	G	0.19	0.02	6.81E-15
rs150801371	T	C	0.19	0.02	6.82E-15
rs541443125	T	A	0.19	0.02	6.84E-15
rs114298616	T	A	0.09	0.01	6.85E-15
rs77104994	T	A	0.23	0.03	6.85E-15
rs146485419	C	A	0.22	0.02	6.86E-15
rs567493907	A	G	0.19	0.02	6.88E-15
rs114635673	A	G	0.19	0.02	6.88E-15



rs566341382	A	G	0.19	0.02	6.88E-15
rs76477267	A	G	0.19	0.02	6.90E-15
rs147707689	T	C	0.19	0.02	6.90E-15
rs180939865	T	C	0.13	0.01	6.92E-15
rs146313644	T	A	0.19	0.02	6.93E-15
rs191503621	G	C	0.19	0.02	6.93E-15
rs570625566	C	T	0.22	0.02	6.94E-15
rs35846306	A	G	0.2	0.02	6.95E-15
rs528663914	T	A	0.41	0.05	6.95E-15
rs140260861	T	C	0.48	0.06	6.97E-15
rs574623868	C	T	0.1	0.01	6.97E-15
rs147907553	A	G	0.2	0.02	6.98E-15
rs142563548	A	G	0.19	0.02	7.01E-15
rs529057138	G	C	0.3	0.03	7.03E-15
rs185378357	G	C	0.2	0.02	7.05E-15
rs78141161	G	A	0.22	0.02	7.07E-15
rs144153724	A	C	0.19	0.02	7.08E-15
rs147932345	A	C	0.19	0.02	7.09E-15
rs576549038	C	T	0.12	0.01	7.10E-15
rs140041693	G	T	0.19	0.02	7.11E-15
rs181799085	G	C	0.19	0.02	7.12E-15
rs562536039	C	T	0.3	0.03	7.13E-15
rs74860596	A	G	0.19	0.02	7.14E-15
rs180786057	T	A	0.19	0.02	7.15E-15
rs116031222	G	C	0.19	0.02	7.16E-15
rs181735459	C	A	0.19	0.02	7.17E-15
rs544710616	C	T	0.19	0.02	7.18E-15
rs140946220	T	C	0.19	0.02	7.25E-15
rs369413872	A	G	0.19	0.02	7.25E-15
rs192303384	G	A	0.1	0.01	7.29E-15
rs561608160	T	C	0.19	0.02	7.29E-15
rs148613145	G	A	0.19	0.02	7.30E-15
rs116003509	G	A	0.2	0.02	7.30E-15
rs150353575	A	G	0.37	0.04	7.31E-15
rs28493704	T	C	0.05	0.007654	7.31E-15
rs369818350	A	G	0.19	0.02	7.35E-15
rs181020683	T	C	0.2	0.02	7.36E-15
rs556491584	G	A	0.19	0.02	7.37E-15
rs191998845	G	A	0.2	0.02	7.37E-15
rs112841069	T	C	0.2	0.02	7.39E-15
rs147907648	C	T	0.31	0.04	7.39E-15
rs187006919	G	A	0.74	0.09	7.40E-15
rs115108430	T	C	0.19	0.02	7.42E-15
rs115547354	T	G	0.19	0.02	7.43E-15
rs180771289	A	G	0.19	0.02	7.43E-15
rs115932442	T	C	0.19	0.02	7.43E-15
rs550194086	T	C	0.2	0.02	7.43E-15
rs554797728	A	C	0.19	0.02	7.43E-15
rs150791856	G	A	0.19	0.02	7.44E-15
rs534288365	T	A	0.2	0.02	7.44E-15
rs183155307	G	A	0.83	0.1	7.45E-15
rs192033839	T	G	0.19	0.02	7.49E-15
rs536442016	T	C	0.19	0.02	7.49E-15
rs554526946	T	C	0.19	0.02	7.49E-15
rs145030971	A	G	0.19	0.02	7.51E-15
rs138408931	T	C	0.19	0.02	7.52E-15
rs570694143	A	G	0.27	0.03	7.57E-15
rs79002501	G	A	0.19	0.02	7.58E-15
rs143347212	C	T	0.2	0.02	7.59E-15
rs115418989	T	C	0.19	0.02	7.61E-15
rs142900969	C	T	0.19	0.02	7.62E-15

rs146275834	A	C	0.19	0.02	7.69E-15
rs113947434	G	C	0.05	0.0065124	7.69E-15
rs142300021	A	G	0.19	0.02	7.72E-15
rs575005811	G	A	0.2	0.02	7.72E-15
rs190716750	G	T	0.19	0.02	7.74E-15
rs191003151	C	T	0.19	0.02	7.74E-15
rs189489036	A	C	0.19	0.02	7.75E-15
rs147102415	T	G	0.19	0.02	7.75E-15
rs72907941	C	G	0.19	0.02	7.75E-15
rs114065797	T	C	0.19	0.02	7.76E-15
rs138834009	A	G	0.19	0.02	7.77E-15
rs140340847	C	T	0.19	0.02	7.79E-15
rs56040876	T	C	0.19	0.02	7.81E-15
rs151318074	G	A	0.19	0.02	7.87E-15
rs142192721	C	T	0.22	0.02	7.88E-15
rs79746339	T	G	0.19	0.02	7.90E-15
rs370201582	T	C	0.19	0.02	7.91E-15
rs542464839	C	T	0.15	0.02	7.92E-15
rs181352361	A	C	0.1	0.01	7.93E-15
rs181539156	G	T	0.42	0.05	7.94E-15
rs574448131	C	T	0.19	0.02	7.95E-15
rs549303035	G	T	0.19	0.02	7.95E-15
rs138199871	C	T	0.19	0.02	7.96E-15
rs74672691	G	C	0.13	0.01	7.98E-15
rs114382303	A	G	0.13	0.01	8.00E-15
rs148968528	T	C	0.19	0.02	8.01E-15
rs9849297	A	G	0.19	0.02	8.05E-15
rs145968027	G	A	0.18	0.02	8.07E-15
rs182274002	A	T	0.18	0.02	8.10E-15
rs80304108	A	G	0.19	0.02	8.12E-15
rs558317704	T	C	0.4	0.05	8.13E-15
rs144373370	T	C	0.22	0.02	8.13E-15
rs115019085	G	T	0.19	0.02	8.15E-15
rs150529607	C	T	0.19	0.02	8.18E-15
rs182083420	A	G	0.19	0.02	8.20E-15
rs60574778	C	T	0.19	0.02	8.21E-15
rs146952625	T	C	0.19	0.02	8.22E-15
rs192261247	G	C	0.2	0.02	8.25E-15
rs192879477	T	C	0.2	0.02	8.25E-15
rs148460095	A	T	0.19	0.02	8.25E-15
rs564574925	T	G	0.3	0.03	8.30E-15
rs146383460	G	A	0.19	0.02	8.30E-15
rs540636710	G	A	0.19	0.02	8.30E-15
rs150161961	A	G	0.19	0.02	8.33E-15
rs77743413	G	C	0.19	0.02	8.35E-15
rs138979055	T	C	0.19	0.02	8.35E-15
rs151157852	T	C	0.19	0.02	8.36E-15
rs143470509	A	G	0.19	0.02	8.38E-15
rs115739378	C	A	0.27	0.03	8.38E-15
rs143307781	A	G	0.19	0.02	8.41E-15
rs185464309	A	G	0.07	0.0097322	8.44E-15
rs181595855	A	G	0.19	0.02	8.47E-15
rs80299395	A	G	0.19	0.02	8.49E-15
rs143857660	G	C	0.19	0.02	8.49E-15
rs150288952	T	C	0.19	0.02	8.50E-15
rs373135047	C	T	0.19	0.02	8.50E-15
rs191258567	A	C	0.83	0.1	8.51E-15
rs148301394	A	G	1.03	0.13	8.54E-15
rs376577263	G	C	0.21	0.02	8.57E-15
rs550390577	G	C	0.34	0.04	8.60E-15
rs144239613	G	A	0.18	0.02	8.62E-15

rs113889368	G	A	0.19	0.02	8.63E-15
rs183578805	A	T	0.44	0.05	8.64E-15
rs571773171	C	A	0.04	0.0054357	8.64E-15
rs554526104	T	C	0.19	0.02	8.67E-15
rs183860604	T	C	0.19	0.02	8.68E-15
rs150724431	C	G	0.21	0.02	8.69E-15
rs538771996	T	C	0.06	0.0086005	8.70E-15
rs140978337	C	T	0.7	0.09	8.72E-15
rs149102643	C	T	0.29	0.03	8.75E-15
rs372016170	T	C	0.19	0.02	8.75E-15
rs186486235	T	C	0.19	0.02	8.75E-15
rs544446901	G	C	0.19	0.02	8.78E-15
rs184103428	T	G	0.2	0.02	8.78E-15
rs191102127	A	G	0.19	0.02	8.79E-15
rs547095008	T	A	0.19	0.02	8.81E-15
rs183805551	G	A	0.18	0.02	8.85E-15
rs144899877	C	T	0.19	0.02	8.87E-15
rs115711424	A	T	0.19	0.02	8.90E-15
rs184052278	C	G	0.1	0.01	8.92E-15
rs546639913	G	A	0.2	0.02	8.92E-15
rs73361988	C	T	0.19	0.02	8.93E-15
rs184501817	G	C	0.21	0.02	8.93E-15
rs76928150	T	C	0.19	0.02	8.94E-15
rs145001761	T	C	0.32	0.04	8.95E-15
rs116340582	G	A	0.05	0.0067234	8.95E-15
rs544244226	T	C	1.61	0.2	8.96E-15
rs534402375	T	C	8.27	1.06	8.97E-15
rs146793823	C	G	0.19	0.02	8.97E-15
rs189502270	T	C	1.61	0.2	8.97E-15
rs144032323	G	A	0.22	0.02	8.99E-15
rs73710329	T	C	0.19	0.02	8.99E-15
rs535375911	G	A	0.19	0.02	9.00E-15
rs181171667	T	C	0.19	0.02	9.02E-15
rs114330800	T	C	0.18	0.02	9.04E-15
rs181833784	T	C	0.19	0.02	9.04E-15
rs116119846	T	G	0.19	0.02	9.04E-15
rs4150887	C	T	0.19	0.02	9.04E-15
rs201813177	G	A	0.18	0.02	9.05E-15
rs77559365	C	T	0.19	0.02	9.07E-15
rs186842499	A	G	0.19	0.02	9.07E-15
rs187016910	G	A	0.19	0.02	9.07E-15
rs116146393	G	T	0.19	0.02	9.14E-15
rs145740508	T	C	0.19	0.02	9.14E-15
rs367589969	A	C	0.19	0.02	9.15E-15
rs116637349	A	G	0.19	0.02	9.17E-15
rs114467200	G	C	0.19	0.02	9.17E-15
rs201107431	A	G	0.09	0.01	9.20E-15
rs530802373	T	C	0.19	0.02	9.21E-15
rs567476794	C	T	0.19	0.02	9.22E-15
rs45586136	A	G	0.19	0.02	9.23E-15
rs764984481	G	A	0.04	0.0062419	9.23E-15
rs540341576	T	C	0.33	0.04	9.25E-15
rs28378875	A	G	0.09	0.01	9.25E-15
rs565211780	T	C	0.19	0.02	9.28E-15
rs114897269	C	T	0.19	0.02	9.31E-15
rs115320587	C	T	0.19	0.02	9.31E-15
rs556562848	A	G	0.19	0.02	9.32E-15
rs189717891	T	G	0.25	0.03	9.32E-15
rs4150843	T	C	0.19	0.02	9.34E-15
rs78647664	T	G	0.19	0.02	9.34E-15
rs138219548	C	A	0.26	0.03	9.35E-15

rs141656072	C	A	0.27	0.03	9.35E-15
rs151290605	A	G	0.19	0.02	9.36E-15
rs117707130	G	T	0.09	0.01	9.38E-15
rs149699285	T	C	0.28	0.03	9.41E-15
rs180925621	A	G	0.19	0.02	9.41E-15
rs145470442	T	C	0.19	0.02	9.44E-15
rs116650783	T	C	0.19	0.02	9.45E-15
rs184731067	A	C	0.34	0.04	9.46E-15
rs183974818	C	T	0.14	0.01	9.49E-15
rs28501152	A	G	0.11	0.01	9.53E-15
rs72944110	A	T	0.07	0.0090718	9.53E-15
rs188224677	C	A	1.06	0.13	9.55E-15
rs143112600	T	C	0.1	0.01	9.55E-15
rs148454257	G	A	0.16	0.02	9.56E-15
rs549143648	A	G	0.18	0.02	9.59E-15
rs146688536	T	C	0.19	0.02	9.60E-15
rs558310864	A	G	0.19	0.02	9.60E-15
rs542603015	C	T	0.19	0.02	9.61E-15
rs55795395	G	A	0.19	0.02	9.61E-15
rs571481946	T	G	0.19	0.02	9.61E-15
rs78175063	A	G	0.19	0.02	9.61E-15
rs114692635	A	G	0.19	0.02	9.66E-15
rs183602902	T	C	0.77	0.1	9.66E-15
rs565121954	A	G	0.18	0.02	9.68E-15
rs528394350	A	G	0.21	0.02	9.69E-15
rs192676594	C	T	0.18	0.02	9.72E-15
rs140965793	C	G	0.09	0.01	9.72E-15
rs73657589	A	C	0.19	0.02	9.73E-15
rs111651619	A	G	0.16	0.02	9.76E-15
rs186888636	G	A	0.19	0.02	9.78E-15
rs185399841	A	G	0.19	0.02	9.81E-15
rs527647126	G	C	0.3	0.03	9.84E-15
rs115834667	T	C	0.21	0.02	9.85E-15
rs145956290	A	T	0.33	0.04	9.88E-15
rs574765499	C	A	0.11	0.01	9.91E-15
rs181821255	C	T	0.19	0.02	9.91E-15
rs146534654	G	A	0.19	0.02	9.93E-15
rs183967419	T	C	0.19	0.02	9.94E-15
rs146073057	T	C	0.19	0.02	9.99E-15
rs150023725	G	A	0.19	0.02	1.00E-14
rs552113179	C	T	0.19	0.02	1.01E-14
rs570119676	A	G	0.19	0.02	1.01E-14
rs74446755	T	A	0.19	0.02	1.01E-14
rs143629614	G	A	0.36	0.04	1.01E-14
rs192233635	A	G	0.19	0.02	1.01E-14
rs78581662	C	T	0.19	0.02	1.01E-14
rs376336524	A	G	0.19	0.02	1.01E-14
rs117049502	T	C	0.19	0.02	1.01E-14
rs111311811	T	G	0.18	0.02	1.01E-14
rs551041624	T	C	0.1	0.01	1.01E-14
rs112796943	A	G	0.19	0.02	1.02E-14
rs114185518	T	C	0.19	0.02	1.02E-14
rs575944706	G	C	0.09	0.01	1.02E-14
rs12084939	G	A	0.19	0.02	1.02E-14
rs181894871	A	G	0.19	0.02	1.02E-14
rs139807352	T	A	0.19	0.02	1.02E-14
rs150614312	A	C	0.18	0.02	1.02E-14
rs192262129	C	T	0.18	0.02	1.02E-14
rs115736389	T	C	0.18	0.02	1.02E-14
rs141998749	T	A	0.18	0.02	1.02E-14
rs191336052	G	T	0.18	0.02	1.02E-14

rs137870127	G	A	0.18	0.02	1.02E-14
rs114050169	A	G	0.18	0.02	1.02E-14
rs140480436	C	G	0.19	0.02	1.02E-14
rs114875830	T	C	0.18	0.02	1.03E-14
rs142580536	C	T	0.18	0.02	1.03E-14
rs185168439	C	T	0.18	0.02	1.03E-14
rs114041133	A	G	0.18	0.02	1.03E-14
rs184535531	A	G	0.19	0.02	1.03E-14
rs114726843	C	T	0.18	0.02	1.03E-14
rs77416060	C	G	0.2	0.02	1.03E-14
rs188117132	T	C	0.19	0.02	1.04E-14
rs115123135	A	C	0.12	0.01	1.04E-14
rs139513489	G	T	0.19	0.02	1.04E-14
rs558599019	T	C	0.19	0.02	1.04E-14
rs141150023	G	A	0.18	0.02	1.04E-14
rs188786629	A	G	0.19	0.02	1.04E-14
rs140673171	C	T	0.19	0.02	1.04E-14
rs142533959	T	G	0.19	0.02	1.04E-14
rs114628754	C	A	0.19	0.02	1.04E-14
rs72988561	T	C	0.31	0.04	1.04E-14
rs531209362	A	G	0.2	0.02	1.04E-14
rs376590055	A	G	0.19	0.02	1.04E-14
rs188380198	G	A	0.19	0.02	1.05E-14
rs1472359	T	C	0.19	0.02	1.05E-14
rs143743581	C	T	0.19	0.02	1.05E-14
rs112456410	T	C	0.1	0.01	1.05E-14
rs141500094	C	T	0.22	0.02	1.05E-14
rs115403661	T	C	0.26	0.03	1.05E-14
rs116760264	A	G	0.19	0.02	1.05E-14
rs192151227	A	G	3.55	0.45	1.05E-14
rs28404570	C	T	0.2	0.02	1.05E-14
rs182733109	C	T	0.19	0.02	1.05E-14
rs114206862	A	G	0.18	0.02	1.05E-14
rs145513445	A	C	0.18	0.02	1.05E-14
rs2992997	T	G	0.19	0.02	1.05E-14
rs151295877	A	T	0.19	0.02	1.05E-14
rs142049263	G	A	0.19	0.02	1.05E-14
rs115642607	T	A	0.19	0.02	1.05E-14
rs115105102	G	A	0.19	0.02	1.05E-14
rs572180047	T	C	0.19	0.02	1.05E-14
rs185843773	G	A	0.19	0.02	1.05E-14
rs182235598	C	T	0.19	0.02	1.06E-14
rs115323477	T	A	0.18	0.02	1.06E-14
rs138084454	C	A	0.18	0.02	1.06E-14
rs116782772	T	A	0.18	0.02	1.06E-14
rs149279470	G	A	0.18	0.02	1.06E-14
rs114822428	T	A	1.52	0.19	1.06E-14
rs79777294	G	A	0.19	0.02	1.06E-14
rs185158978	T	C	0.19	0.02	1.06E-14
rs146046815	G	T	0.19	0.02	1.06E-14
rs72988583	G	T	0.31	0.04	1.06E-14
rs146755993	A	T	0.19	0.02	1.07E-14
rs145466020	G	A	0.19	0.02	1.07E-14
rs114485692	G	T	0.19	0.02	1.07E-14
rs150400076	C	G	0.19	0.02	1.07E-14
rs147868273	T	G	0.18	0.02	1.07E-14
rs141832004	G	A	0.19	0.02	1.07E-14
rs549563268	A	G	0.19	0.02	1.07E-14
rs566762798	G	A	0.19	0.02	1.07E-14
rs181053923	C	T	0.19	0.02	1.07E-14
rs184709191	G	A	0.19	0.02	1.07E-14

rs116223234	C	T	0.25	0.03	1.08E-14
rs114298314	A	G	0.19	0.02	1.08E-14
rs552813621	C	G	0.19	0.02	1.08E-14
rs72905859	T	C	0.19	0.02	1.08E-14
rs73749289	G	A	0.19	0.02	1.08E-14
rs182517777	G	A	0.19	0.02	1.08E-14
rs553353095	C	G	0.19	0.02	1.08E-14
rs540839294	T	C	0.19	0.02	1.08E-14
rs187607436	A	G	0.19	0.02	1.08E-14
rs180810714	C	A	0.19	0.02	1.08E-14
rs116589239	A	G	0.09	0.01	1.08E-14
rs146233303	G	C	0.19	0.02	1.08E-14
rs4150922	A	T	0.19	0.02	1.08E-14
rs572556822	C	T	0.19	0.02	1.08E-14
rs141887072	T	G	0.2	0.02	1.08E-14
rs73855928	C	T	0.33	0.04	1.09E-14
rs145984761	G	A	0.19	0.02	1.09E-14
rs189486695	C	A	0.19	0.02	1.09E-14
rs115588156	G	T	0.2	0.02	1.09E-14
rs149730861	A	G	0.19	0.02	1.09E-14
rs148657646	T	C	0.19	0.02	1.09E-14
rs76631344	T	C	0.19	0.02	1.10E-14
rs139605234	G	A	0.18	0.02	1.10E-14
rs559712095	C	A	0.18	0.02	1.10E-14
rs143534065	C	T	0.19	0.02	1.10E-14
rs145707036	G	A	0.18	0.02	1.10E-14
rs184022411	G	A	0.38	0.04	1.10E-14
rs540593706	A	G	0.19	0.02	1.10E-14
rs555357668	A	T	0.19	0.02	1.10E-14
rs116872160	T	C	0.1	0.01	1.11E-14
rs77054725	C	A	0.19	0.02	1.11E-14
rs147061512	C	T	0.19	0.02	1.11E-14
rs10273978	G	T	0.19	0.02	1.11E-14
rs75323990	T	G	0.19	0.02	1.11E-14
rs115534854	G	T	0.19	0.02	1.11E-14
rs144177893	C	G	0.19	0.02	1.12E-14
rs562798882	T	G	0.29	0.03	1.13E-14
rs190265129	G	A	0.19	0.02	1.13E-14
rs568923240	A	G	0.66	0.08	1.13E-14
rs190793940	C	T	0.19	0.02	1.14E-14
rs145334448	C	G	0.19	0.02	1.14E-14
rs147225841	A	G	0.19	0.02	1.14E-14
rs572127249	T	C	0.19	0.02	1.14E-14
rs575964788	C	T	0.04	0.0064123	1.14E-14
rs183394624	G	C	0.19	0.02	1.14E-14
rs571129965	T	G	0.23	0.03	1.14E-14
rs78316324	T	C	0.29	0.03	1.14E-14
rs141882160	C	T	0.19	0.02	1.14E-14
rs143558849	C	G	0.19	0.02	1.14E-14
rs77916972	G	A	0.09	0.01	1.14E-14
rs146435733	G	C	0.21	0.02	1.15E-14
rs16824644	A	T	0.18	0.02	1.15E-14
rs149993152	A	C	0.5	0.06	1.15E-14
rs191327915	A	C	0.19	0.02	1.15E-14
rs185661594	G	A	0.2	0.02	1.15E-14
rs548920821	T	G	0.18	0.02	1.15E-14
rs144327320	G	T	0.19	0.02	1.16E-14
rs111687368	G	A	0.19	0.02	1.16E-14
rs111568261	C	T	0.18	0.02	1.16E-14
rs149246818	A	G	0.19	0.02	1.16E-14
rs7515647	G	A	0.19	0.02	1.16E-14

rs148062810	C	T	0.24	0.03	1.16E-14
rs144793046	C	T	0.19	0.02	1.16E-14
rs74194117	C	G	0.19	0.02	1.16E-14
rs550181636	C	G	0.19	0.02	1.16E-14
rs191225746	T	C	0.18	0.02	1.17E-14
rs114206634	A	G	0.19	0.02	1.17E-14
rs183602943	T	C	0.19	0.02	1.17E-14
rs78196243	A	G	0.19	0.02	1.17E-14
rs78447969	A	G	0.1	0.01	1.17E-14
rs147437436	G	A	0.19	0.02	1.18E-14
rs182184037	T	C	0.09	0.01	1.18E-14
rs140371402	G	A	0.19	0.02	1.18E-14
rs7787789	G	A	0.19	0.02	1.18E-14
rs80228394	G	A	0.19	0.02	1.18E-14
rs541996585	A	G	0.19	0.02	1.18E-14
rs116269664	A	G	0.18	0.02	1.18E-14
rs115017443	T	A	0.18	0.02	1.18E-14
rs116104501	T	C	0.19	0.02	1.18E-14
rs539081182	A	G	0.19	0.02	1.18E-14
rs115722438	G	A	0.07	0.0094001	1.19E-14
rs182671251	T	C	0.07	0.0094001	1.19E-14
rs6931524	T	G	0.23	0.03	1.19E-14
rs542554837	T	A	0.23	0.03	1.19E-14
rs562063992	G	C	0.19	0.02	1.19E-14
rs111344565	G	A	0.19	0.02	1.19E-14
rs151012054	T	C	0.18	0.02	1.19E-14
rs138492896	C	T	0.18	0.02	1.19E-14
rs115151271	G	C	0.19	0.02	1.20E-14
rs112828897	A	G	0.23	0.03	1.20E-14
rs151010857	G	A	0.19	0.02	1.20E-14
rs552039469	A	G	0.38	0.04	1.20E-14
rs145887652	A	G	0.19	0.02	1.20E-14
rs138584794	C	T	0.19	0.02	1.20E-14
rs142521612	A	G	0.17	0.02	1.20E-14
rs115189500	A	G	0.12	0.01	1.21E-14
rs146893133	T	A	0.19	0.02	1.21E-14
rs574469826	C	T	0.19	0.02	1.21E-14
rs541937340	T	C	0.19	0.02	1.21E-14
rs143281708	G	A	0.19	0.02	1.21E-14
rs146013065	T	C	0.19	0.02	1.21E-14
rs113250718	C	T	0.19	0.02	1.21E-14
rs75912641	A	G	0.19	0.02	1.21E-14
rs7804934	T	G	0.19	0.02	1.21E-14
rs146008932	A	C	0.19	0.02	1.22E-14
rs564169392	A	T	0.19	0.02	1.22E-14
rs140232019	C	A	0.37	0.04	1.22E-14
rs182756372	C	T	0.19	0.02	1.22E-14
rs114609532	G	A	0.19	0.02	1.22E-14
rs116825639	G	C	0.19	0.02	1.22E-14
rs150548161	C	A	0.19	0.02	1.23E-14
rs144427502	G	A	0.22	0.02	1.23E-14
rs114067066	G	C	0.21	0.02	1.23E-14
rs148831421	T	C	0.19	0.02	1.23E-14
rs115500722	T	C	0.49	0.06	1.23E-14
rs147916620	G	A	0.19	0.02	1.23E-14
rs189573190	A	G	0.19	0.02	1.23E-14
rs149119240	T	C	0.16	0.02	1.23E-14
rs3126077	G	A	0.19	0.02	1.23E-14
rs76096787	A	G	0.19	0.02	1.24E-14
rs75366612	G	A	0.19	0.02	1.24E-14
rs147625364	T	C	0.22	0.02	1.24E-14

rs138833129	T	G	0.19	0.02	1.24E-14
rs142392328	C	G	0.18	0.02	1.24E-14
rs542628143	A	G	0.17	0.02	1.24E-14
rs151134920	T	C	0.18	0.02	1.24E-14
rs145983417	A	T	0.12	0.01	1.25E-14
rs543028224	T	C	0.24	0.03	1.25E-14
rs144709867	C	G	0.19	0.02	1.25E-14
rs111795704	T	G	0.18	0.02	1.25E-14
rs182494349	C	T	0.18	0.02	1.25E-14
rs114713342	T	C	0.18	0.02	1.25E-14
rs372528126	C	T	0.19	0.02	1.25E-14
rs188739077	G	T	0.19	0.02	1.25E-14
rs144877882	C	G	0.17	0.02	1.25E-14
rs571894952	T	C	0.11	0.01	1.25E-14
rs181977964	A	G	1.57	0.2	1.25E-14
rs145253698	G	A	0.19	0.02	1.26E-14
rs78164447	T	C	0.19	0.02	1.26E-14
rs374426970	G	A	0.19	0.02	1.26E-14
rs1357779	C	T	0.19	0.02	1.26E-14
rs184588645	C	T	0.26	0.03	1.26E-14
rs140412633	T	C	0.17	0.02	1.26E-14
rs116144021	C	G	0.19	0.02	1.27E-14
rs77078208	C	A	0.09	0.01	1.27E-14
rs189861119	T	C	0.19	0.02	1.27E-14
rs534579122	G	A	0.18	0.02	1.27E-14
rs138294677	A	C	0.18	0.02	1.27E-14
rs10248891	T	C	0.18	0.02	1.28E-14
rs148146301	G	A	0.19	0.02	1.28E-14
rs187932746	G	A	0.18	0.02	1.28E-14
rs138426116	C	T	0.18	0.02	1.29E-14
rs114104174	T	C	0.19	0.02	1.29E-14
rs114237406	G	A	0.19	0.02	1.29E-14
rs115742452	A	C	0.19	0.02	1.29E-14
rs190374797	C	T	0.19	0.02	1.29E-14
rs148095786	C	A	0.19	0.02	1.29E-14
rs186666123	C	T	0.19	0.02	1.29E-14
rs139797602	T	C	0.18	0.02	1.29E-14
rs188565600	T	C	0.18	0.02	1.29E-14
rs142859260	C	T	0.15	0.02	1.29E-14
rs143640560	T	C	0.19	0.02	1.30E-14
rs13316742	T	C	0.19	0.02	1.30E-14
rs114490269	G	A	0.19	0.02	1.30E-14
rs567470214	G	A	0.19	0.02	1.30E-14
rs144080349	G	A	0.19	0.02	1.30E-14
rs138511321	G	A	0.09	0.01	1.30E-14
rs182518888	T	C	0.1	0.01	1.30E-14
rs573874208	G	A	0.19	0.02	1.31E-14
rs80304618	C	T	0.19	0.02	1.31E-14
rs116519982	T	G	0.19	0.02	1.31E-14
rs116465847	A	G	0.19	0.02	1.31E-14
rs116526326	T	G	0.05	0.0065081	1.32E-14
rs146139487	T	A	0.21	0.02	1.32E-14
rs188103782	A	C	0.19	0.02	1.32E-14
rs188094412	G	T	0.19	0.02	1.32E-14
rs115367171	C	T	0.09	0.01	1.32E-14
rs139370176	T	C	0.22	0.02	1.32E-14
rs141640055	A	G	0.19	0.02	1.33E-14
rs118150148	T	C	0.2	0.02	1.33E-14
rs74319648	T	C	0.19	0.02	1.33E-14
rs141941308	A	G	0.19	0.02	1.33E-14
rs79496759	C	G	0.22	0.02	1.33E-14



rs145709279	T	A	0.25	0.03	1.34E-14
rs115152057	A	G	0.18	0.02	1.34E-14
rs116683399	C	G	0.18	0.02	1.35E-14
rs145062398	T	C	0.18	0.02	1.35E-14
rs116640049	C	T	0.19	0.02	1.35E-14
rs137952120	G	C	0.19	0.02	1.35E-14
rs149135551	G	A	1.1	0.14	1.35E-14
rs150408699	A	G	0.16	0.02	1.35E-14
rs574961224	A	G	0.19	0.02	1.36E-14
rs75847307	A	G	0.21	0.02	1.36E-14
6:80683816_T_C	C	T	0.08	0.01	1.37E-14
rs115173125	G	A	0.19	0.02	1.37E-14
rs138460862	C	T	3.73	0.48	1.37E-14
rs149623504	T	C	0.19	0.02	1.37E-14
rs111862197	C	T	0.04	0.0064184	1.37E-14
rs571138343	A	G	0.15	0.01	1.37E-14
rs116283454	A	G	0.19	0.02	1.37E-14
rs148636879	T	C	0.19	0.02	1.38E-14
rs184171961	C	G	0.19	0.02	1.38E-14
rs17854795	A	G	0.19	0.02	1.38E-14
rs188078363	G	A	0.18	0.02	1.38E-14
rs139546158	G	A	0.19	0.02	1.38E-14
rs565097428	T	A	0.19	0.02	1.38E-14
rs113546629	G	C	0.2	0.02	1.38E-14
rs114024003	C	G	0.18	0.02	1.38E-14
rs114358011	C	G	0.19	0.02	1.38E-14
rs190582971	C	T	0.17	0.02	1.38E-14
rs148840344	G	C	0.19	0.02	1.38E-14
rs144192671	T	C	0.09	0.01	1.39E-14
rs150310306	G	T	0.19	0.02	1.39E-14
rs142317265	C	A	0.29	0.03	1.39E-14
rs116636657	A	G	0.19	0.02	1.39E-14
rs190020148	A	G	0.19	0.02	1.39E-14
rs146940988	C	T	0.19	0.02	1.39E-14
rs146075344	A	G	0.22	0.02	1.39E-14
rs142578655	A	G	0.13	0.01	1.40E-14
rs114312006	A	G	0.05	0.0075409	1.40E-14
rs148467985	C	A	0.19	0.02	1.40E-14
rs115660828	C	G	0.18	0.02	1.41E-14
rs359122	T	C	0.36	0.04	1.41E-14
rs141421558	A	G	0.19	0.02	1.41E-14
rs142150618	G	T	0.19	0.02	1.41E-14
rs150224244	T	C	0.15	0.02	1.42E-14
rs10257113	A	C	0.19	0.02	1.42E-14
rs375648372	G	A	0.19	0.02	1.42E-14
rs138748212	G	C	0.2	0.02	1.42E-14
rs572209670	T	A	0.14	0.01	1.43E-14
rs531671966	G	A	0.1	0.01	1.43E-14
rs113517303	G	A	0.19	0.02	1.43E-14
rs77105365	G	T	0.24	0.03	1.43E-14
rs111805124	C	G	0.2	0.02	1.43E-14
rs115933371	T	C	0.19	0.02	1.43E-14
rs139278259	G	T	0.18	0.02	1.44E-14
rs184693852	G	A	0.17	0.02	1.44E-14
rs558396169	T	G	0.21	0.02	1.44E-14
rs115187299	C	T	0.19	0.02	1.44E-14
rs114348828	C	T	0.19	0.02	1.45E-14
rs28368051	A	G	0.18	0.02	1.45E-14
rs115335873	A	G	0.11	0.01	1.45E-14
rs111466001	T	G	0.08	0.01	1.45E-14
rs190245206	A	G	0.19	0.02	1.45E-14

rs536917715	A	C	0.19	0.02	1.45E-14
rs575008936	T	C	0.31	0.04	1.45E-14
rs111771319	T	C	0.19	0.02	1.46E-14
rs116381112	G	A	0.19	0.02	1.46E-14
rs189341969	A	G	0.19	0.02	1.46E-14
rs191035508	A	G	1.56	0.2	1.46E-14
rs112120852	G	A	0.19	0.02	1.46E-14
rs75975846	T	C	0.19	0.02	1.47E-14
rs148137301	C	T	0.13	0.01	1.47E-14
rs186525250	A	G	0.19	0.02	1.47E-14
rs113963725	C	T	0.65	0.08	1.47E-14
rs138790647	C	T	0.22	0.02	1.47E-14
rs113818732	T	C	0.19	0.02	1.47E-14
rs113171719	G	T	0.19	0.02	1.47E-14
rs146446529	G	T	0.19	0.02	1.47E-14
rs577935423	T	C	0.18	0.02	1.47E-14
rs191769219	G	A	0.19	0.02	1.49E-14
rs113457095	A	G	0.16	0.02	1.49E-14
rs112436736	C	G	0.24	0.03	1.49E-14
rs73033556	T	C	0.19	0.02	1.49E-14
rs111770746	C	T	0.19	0.02	1.49E-14
rs140624250	A	G	0.19	0.02	1.49E-14
rs80053227	C	T	0.12	0.01	1.50E-14
rs143034231	T	C	0.18	0.02	1.50E-14
rs188668562	T	C	0.19	0.02	1.51E-14
rs78508585	T	A	0.18	0.02	1.51E-14
rs79502058	A	G	0.36	0.04	1.51E-14
rs148802727	C	T	0.18	0.02	1.51E-14
rs75022841	G	C	0.19	0.02	1.52E-14
rs144218416	T	C	0.18	0.02	1.52E-14
rs77051157	T	C	0.18	0.02	1.52E-14
rs116240937	T	G	0.09	0.01	1.52E-14
rs545186196	G	A	0.13	0.01	1.53E-14
rs148254763	A	G	0.13	0.01	1.53E-14
rs4150519	T	G	0.15	0.02	1.54E-14
rs149318200	T	C	0.19	0.02	1.54E-14
rs537857483	G	A	0.13	0.01	1.54E-14
rs140139045	G	A	0.27	0.03	1.54E-14
rs2992994	C	A	0.19	0.02	1.54E-14
rs192532178	A	G	0.22	0.02	1.54E-14
rs529820999	C	T	0.09	0.01	1.54E-14
rs140386137	A	T	0.19	0.02	1.54E-14
rs115339193	A	G	0.19	0.02	1.54E-14
rs115369812	A	G	0.09	0.01	1.55E-14
rs114476875	G	A	0.14	0.01	1.55E-14
rs112671409	G	A	0.04	0.0064189	1.55E-14
rs75633492	C	T	0.1	0.01	1.55E-14
rs112705143	T	C	0.04	0.0064188	1.55E-14
rs113251855	G	A	0.19	0.02	1.55E-14
rs113135134	A	C	0.18	0.02	1.55E-14
rs545943953	A	C	0.19	0.02	1.56E-14
rs60678918	G	T	0.04	0.0063041	1.56E-14
rs3864494	C	A	0.1	0.01	1.57E-14
rs151242944	A	G	0.18	0.02	1.57E-14
rs74380957	T	C	0.2	0.02	1.57E-14
rs368411613	C	G	0.2	0.02	1.57E-14
rs188073491	C	T	0.23	0.03	1.57E-14
rs56372323	C	T	0.18	0.02	1.57E-14
rs113945776	A	T	0.19	0.02	1.57E-14
rs76484724	A	G	0.48	0.06	1.58E-14
rs77090269	T	C	0.2	0.02	1.58E-14

rs193148824	A	G	0.04	0.0063834	1.58E-14
rs145274858	A	T	0.18	0.02	1.58E-14
rs142446537	G	A	0.19	0.02	1.58E-14
rs113018008	G	A	0.19	0.02	1.59E-14
rs560211213	C	T	0.22	0.02	1.59E-14
rs115468267	G	T	0.24	0.03	1.59E-14
rs186903165	T	C	0.18	0.02	1.59E-14
rs74380147	G	A	0.12	0.01	1.61E-14
rs374477743	A	G	5.99	0.78	1.61E-14
rs145142739	G	A	0.19	0.02	1.61E-14
rs144363128	G	T	0.1	0.01	1.61E-14
rs16824580	C	T	0.18	0.02	1.62E-14
rs16856276	T	C	0.2	0.02	1.62E-14
rs137905300	C	T	0.1	0.01	1.62E-14
rs558722093	G	A	0.24	0.03	1.62E-14
rs10178293	G	C	0.19	0.02	1.62E-14
rs112969934	T	C	0.19	0.02	1.62E-14
rs542443508	A	T	0.19	0.02	1.62E-14
rs143159976	A	T	0.19	0.02	1.63E-14
rs75556745	C	T	0.32	0.04	1.63E-14
rs540579545	C	A	0.19	0.02	1.63E-14
rs187981754	G	A	0.19	0.02	1.63E-14
rs186126093	T	G	0.17	0.02	1.63E-14
rs186431781	A	G	0.19	0.02	1.65E-14
rs114039396	A	G	0.49	0.06	1.65E-14
rs151132341	A	G	0.66	0.08	1.66E-14
rs116417341	C	T	0.19	0.02	1.66E-14
rs182250606	A	G	0.17	0.02	1.66E-14
rs575137135	G	A	0.18	0.02	1.67E-14
rs116633753	T	C	0.09	0.01	1.67E-14
rs190837141	T	A	0.18	0.02	1.67E-14
rs541164345	G	A	0.07	0.0092146	1.67E-14
rs143948402	C	T	0.28	0.03	1.67E-14
rs184559526	G	C	0.18	0.02	1.68E-14
rs188045465	C	T	0.12	0.01	1.69E-14
rs112951583	A	C	0.18	0.02	1.69E-14
rs74649876	G	A	0.19	0.02	1.69E-14
rs191178339	A	G	0.19	0.02	1.69E-14
rs139773257	C	T	0.2	0.02	1.70E-14
rs192084662	T	G	0.12	0.01	1.70E-14
rs181566408	A	G	0.27	0.03	1.70E-14
rs73791267	G	A	0.37	0.04	1.70E-14
rs35192853	C	T	0.09	0.01	1.71E-14
rs141247276	G	A	0.18	0.02	1.71E-14
rs369606376	C	T	0.19	0.02	1.71E-14
rs182230073	G	A	0.18	0.02	1.71E-14
rs113508898	A	C	0.18	0.02	1.71E-14
rs184499353	G	C	0.18	0.02	1.71E-14
rs560415419	C	A	0.19	0.02	1.71E-14
rs192690718	C	T	0.22	0.02	1.72E-14
rs142964853	A	G	0.18	0.02	1.72E-14
rs532855170	T	A	0.18	0.02	1.72E-14
rs150686537	A	T	0.18	0.02	1.73E-14
rs78372810	C	T	0.19	0.02	1.73E-14
rs147033217	A	C	0.62	0.08	1.73E-14
rs116853821	G	A	0.15	0.02	1.73E-14
rs185183452	T	C	0.27	0.03	1.74E-14
rs186696820	A	G	0.19	0.02	1.74E-14
rs116324657	T	C	0.2	0.02	1.74E-14
rs151039698	C	T	0.19	0.02	1.74E-14
rs75391920	T	A	0.24	0.03	1.75E-14

rs143350513	A	G	0.18	0.02	1.75E-14
rs554804500	G	A	0.19	0.02	1.75E-14
rs138484456	A	G	0.16	0.02	1.75E-14
rs76235122	A	G	0.18	0.02	1.75E-14
rs146180742	C	T	0.19	0.02	1.76E-14
rs138271841	G	A	0.19	0.02	1.76E-14
rs561525146	G	A	0.06	0.008042	1.76E-14
rs141399726	T	C	0.09	0.01	1.76E-14
rs149861079	G	C	0.16	0.02	1.76E-14
rs568998402	A	G	0.39	0.05	1.77E-14
rs116565600	G	C	0.19	0.02	1.77E-14
rs189387313	A	G	0.19	0.02	1.77E-14
rs143438079	A	G	0.18	0.02	1.77E-14
rs114251498	T	C	0.18	0.02	1.77E-14
rs140092755	A	G	0.18	0.02	1.78E-14
rs78748357	G	A	0.19	0.02	1.78E-14
rs527352292	T	C	0.4	0.05	1.78E-14
rs138121453	T	C	0.36	0.04	1.78E-14
rs6744033	G	A	0.05	0.0067431	1.78E-14
rs114801972	A	G	0.18	0.02	1.79E-14
rs144116988	C	G	0.18	0.02	1.80E-14
rs190015408	T	G	0.18	0.02	1.80E-14
rs114367767	C	T	0.21	0.02	1.80E-14
rs76633864	T	C	0.18	0.02	1.80E-14
rs142568988	T	C	0.18	0.02	1.80E-14
rs188348192	A	G	0.19	0.02	1.80E-14
rs555893381	G	A	0.19	0.02	1.80E-14
rs72907286	C	G	0.04	0.0064375	1.81E-14
rs143228568	A	C	0.18	0.02	1.81E-14
rs147749712	T	G	0.58	0.07	1.81E-14
rs59995018	T	C	0.18	0.02	1.81E-14
rs74852975	C	T	0.1	0.01	1.81E-14
rs146004204	C	A	0.18	0.02	1.82E-14
rs4075193	A	G	0.2	0.02	1.82E-14
rs149193641	C	T	0.19	0.02	1.82E-14
rs76032982	T	C	0.21	0.02	1.82E-14
rs145835576	G	A	1.22	0.15	1.82E-14
rs146314660	C	T	0.11	0.01	1.82E-14
rs532865905	A	T	0.19	0.02	1.82E-14
rs559432464	C	A	0.19	0.02	1.82E-14
rs74514889	G	A	0.18	0.02	1.83E-14
rs558724855	A	G	0.18	0.02	1.83E-14
rs111988480	C	T	0.18	0.02	1.83E-14
rs113709962	C	G	0.18	0.02	1.83E-14
rs111420731	G	A	0.18	0.02	1.84E-14
rs147148855	T	G	0.18	0.02	1.84E-14
rs182274943	G	T	0.25	0.03	1.84E-14
rs7872717	C	T	0.18	0.02	1.84E-14
rs7525848	T	C	0.19	0.02	1.85E-14
rs72969107	A	G	0.18	0.02	1.85E-14
rs115073552	A	G	0.32	0.04	1.85E-14
rs72907913	T	C	0.19	0.02	1.86E-14
rs376568879	T	C	0.19	0.02	1.86E-14
rs74907014	A	C	0.23	0.03	1.86E-14
rs111867360	A	C	0.23	0.03	1.86E-14
rs149144985	A	G	0.3	0.03	1.86E-14
rs17167248	C	T	0.1	0.01	1.86E-14
rs146086650	G	A	0.18	0.02	1.87E-14
rs528242394	T	C	0.18	0.02	1.87E-14
rs556363915	A	G	0.38	0.05	1.87E-14
rs575059028	C	T	0.19	0.02	1.87E-14

rs540519904	G	T	0.26	0.03	1.88E-14
rs571275612	A	G	0.18	0.02	1.88E-14
rs72942913	G	A	0.09	0.01	1.88E-14
rs111642624	A	G	0.19	0.02	1.89E-14
rs150924627	G	A	0.19	0.02	1.89E-14
rs541997452	C	T	0.19	0.02	1.90E-14
rs551769256	T	G	9.81	1.28	1.90E-14
rs192323582	A	G	0.18	0.02	1.91E-14
rs116807461	C	T	0.19	0.02	1.91E-14
rs116125107	T	C	0.18	0.02	1.91E-14
rs114554589	A	G	0.18	0.02	1.91E-14
rs6894959	A	G	0.18	0.02	1.91E-14
rs115569037	C	T	0.15	0.02	1.91E-14
rs142384707	C	G	0.14	0.01	1.93E-14
rs145520463	G	C	0.17	0.02	1.93E-14
rs114151417	G	A	0.18	0.02	1.93E-14
rs149805174	G	A	0.18	0.02	1.94E-14
rs117166691	C	T	0.19	0.02	1.94E-14
rs540429527	T	C	0.26	0.03	1.94E-14
rs111994488	C	G	0.18	0.02	1.94E-14
rs28650448	T	G	0.19	0.02	1.95E-14
rs539945628	T	G	0.19	0.02	1.95E-14
2:57700006_A_G	G	A	0.09	0.01	1.96E-14
rs149599902	A	G	0.18	0.02	1.96E-14
rs543875991	G	C	0.18	0.02	1.96E-14
rs560952325	A	G	0.16	0.02	1.97E-14
rs151271756	T	C	0.19	0.02	1.97E-14
rs114698509	C	G	0.18	0.02	1.97E-14
rs73349031	C	T	0.18	0.02	1.97E-14
rs12243973	G	A	0.18	0.02	1.98E-14
rs142766404	G	C	0.18	0.02	1.98E-14
rs142597007	G	C	0.18	0.02	1.98E-14
rs541919564	G	A	0.67	0.08	1.99E-14
rs116058276	T	C	0.19	0.02	1.99E-14
rs116754071	T	C	0.17	0.02	2.00E-14
rs371481441	G	C	0.19	0.02	2.00E-14
rs116525267	T	C	0.18	0.02	2.00E-14
rs10274616	G	T	0.19	0.02	2.00E-14
rs541710286	T	C	0.18	0.02	2.01E-14
rs141155045	T	A	0.2	0.02	2.01E-14
rs139753905	A	G	0.18	0.02	2.02E-14
rs548683765	T	A	0.18	0.02	2.02E-14
rs151242322	C	G	0.74	0.09	2.02E-14
rs76031299	A	C	6.03	0.78	2.02E-14
rs117702105	G	A	0.09	0.01	2.03E-14
rs544047144	G	A	0.18	0.02	2.03E-14
rs187240635	A	T	0.19	0.02	2.04E-14
rs140755598	T	A	0.18	0.02	2.05E-14
rs184069180	A	G	0.48	0.06	2.05E-14
rs146257129	A	G	0.09	0.01	2.05E-14
rs143874133	G	A	0.16	0.02	2.05E-14
rs138476155	T	A	0.17	0.02	2.06E-14
rs79959549	G	C	0.17	0.02	2.06E-14
rs531119413	A	C	0.09	0.01	2.06E-14
rs185648908	T	C	0.17	0.02	2.07E-14
rs147492104	A	T	0.17	0.02	2.07E-14
rs146764471	C	A	0.18	0.02	2.07E-14
rs186302980	T	C	0.16	0.02	2.08E-14
rs113186277	T	G	0.11	0.01	2.09E-14
rs140718609	G	A	2.53	0.33	2.09E-14
rs555968343	C	T	0.26	0.03	2.10E-14

rs185791251	T	C	0.22	0.02	2.10E-14
rs147484916	T	C	0.18	0.02	2.10E-14
rs142551211	G	A	0.18	0.02	2.11E-14
rs189012120	T	C	0.23	0.03	2.11E-14
rs117187308	T	C	0.15	0.02	2.12E-14
rs115688783	T	C	0.09	0.01	2.13E-14
rs147744292	C	T	0.18	0.02	2.15E-14
rs115874848	G	A	0.18	0.02	2.15E-14
rs150936150	T	C	0.04	0.00637	2.15E-14
rs562219818	T	C	0.29	0.03	2.15E-14
rs192524323	C	A	0.19	0.02	2.15E-14
rs146284795	G	T	0.19	0.02	2.15E-14
rs139417208	C	T	0.18	0.02	2.16E-14
rs149106138	A	G	0.07	0.01	2.16E-14
rs535749896	T	G	0.2	0.02	2.16E-14
rs371696054	C	T	0.25	0.03	2.17E-14
rs568130648	A	G	0.37	0.04	2.17E-14
rs569604423	T	C	0.09	0.01	2.17E-14
rs563646635	G	C	0.21	0.02	2.18E-14
rs116696442	C	T	0.19	0.02	2.18E-14
rs755760614	G	A	0.03	0.0051915	2.18E-14
rs149347987	T	G	0.19	0.02	2.18E-14
rs139274188	G	A	0.18	0.02	2.19E-14
rs141592812	C	G	0.18	0.02	2.19E-14
rs569524766	A	C	0.23	0.03	2.19E-14
rs115424177	A	G	0.35	0.04	2.20E-14
rs188478795	G	C	0.2	0.02	2.20E-14
rs145256297	T	C	0.14	0.01	2.20E-14
rs141342625	C	T	0.18	0.02	2.20E-14
rs142803915	G	A	0.18	0.02	2.20E-14
rs78017272	T	C	0.21	0.02	2.20E-14
rs149312136	A	G	0.18	0.02	2.21E-14
rs138642612	T	C	0.17	0.02	2.21E-14
rs144514155	C	G	0.19	0.02	2.21E-14
rs112968387	A	G	0.48	0.06	2.21E-14
rs114481448	G	A	0.19	0.02	2.22E-14
rs78037137	G	T	0.18	0.02	2.22E-14
rs79370244	A	C	0.44	0.05	2.22E-14
rs186690022	T	C	0.19	0.02	2.22E-14
rs146938874	T	C	0.19	0.02	2.23E-14
rs111998964	A	G	0.19	0.02	2.23E-14
rs148407911	A	T	0.18	0.02	2.23E-14
rs114555485	G	A	0.19	0.02	2.23E-14
rs141166431	A	G	0.18	0.02	2.23E-14
rs572517995	T	A	0.18	0.02	2.23E-14
rs563640824	A	G	0.19	0.02	2.23E-14
rs150740667	C	T	0.18	0.02	2.24E-14
rs144646051	G	T	0.19	0.02	2.24E-14
rs564006945	A	C	0.29	0.03	2.24E-14
rs116877770	A	G	0.18	0.02	2.25E-14
rs148325539	A	T	1.1	0.14	2.25E-14
rs191143801	A	C	0.18	0.02	2.25E-14
rs78544526	T	C	0.24	0.03	2.25E-14
rs185972610	A	C	0.16	0.02	2.25E-14
rs115309327	A	G	0.17	0.02	2.25E-14
rs73041530	C	G	0.06	0.0085902	2.26E-14
rs148348080	G	A	0.19	0.02	2.26E-14
rs183782706	G	T	0.19	0.02	2.26E-14
rs531104074	T	G	0.18	0.02	2.27E-14
rs115044639	G	C	0.18	0.02	2.27E-14
rs568944992	T	C	0.19	0.02	2.27E-14

rs138673922	G	A	1.11	0.14	2.27E-14
rs113237591	A	G	0.17	0.02	2.27E-14
rs57905192	A	G	0.19	0.02	2.28E-14
rs114316491	G	T	0.35	0.04	2.28E-14
rs139515609	C	T	0.35	0.04	2.28E-14
rs79221704	T	C	0.19	0.02	2.29E-14
rs184453979	C	T	0.18	0.02	2.29E-14
rs142785956	T	C	0.18	0.02	2.29E-14
rs112785127	A	C	0.04	0.0063657	2.30E-14
rs74415294	T	C	0.19	0.02	2.30E-14
rs111550844	G	C	0.04	0.0063657	2.30E-14
rs138815895	C	G	0.35	0.04	2.30E-14
rs79881445	T	C	0.18	0.02	2.30E-14
rs372776514	T	C	0.19	0.02	2.31E-14
rs113306522	A	G	0.18	0.02	2.32E-14
rs571538943	C	T	0.06	0.0091334	2.32E-14
rs74636298	T	C	0.18	0.02	2.33E-14
rs138865034	A	T	0.18	0.02	2.33E-14
rs564257287	T	C	0.19	0.02	2.33E-14
rs115445422	A	G	0.18	0.02	2.33E-14
rs141009977	G	A	0.18	0.02	2.33E-14
rs144185848	T	C	0.18	0.02	2.33E-14
rs17018868	T	C	0.42	0.05	2.34E-14
rs115210481	A	C	0.18	0.02	2.35E-14
rs557738950	A	G	0.16	0.02	2.35E-14
rs539319722	G	C	0.08	0.01	2.36E-14
rs185257477	T	C	0.18	0.02	2.38E-14
rs150859805	G	A	0.18	0.02	2.38E-14
rs115804316	T	C	0.18	0.02	2.39E-14
rs114369899	A	G	0.19	0.02	2.39E-14
rs114340538	C	G	0.35	0.04	2.39E-14
rs369988567	C	T	0.2	0.02	2.39E-14
rs181166457	T	C	0.18	0.02	2.39E-14
rs28624354	G	A	0.11	0.01	2.40E-14
rs112585895	T	A	0.06	0.0086171	2.40E-14
rs138890362	A	G	0.25	0.03	2.40E-14
rs145557116	C	T	0.19	0.02	2.41E-14
rs149348352	A	G	0.14	0.01	2.41E-14
rs78780478	C	T	0.19	0.02	2.41E-14
rs535648441	C	G	0.65	0.08	2.41E-14
rs141936166	T	C	0.19	0.02	2.42E-14
rs3817088	T	C	0.15	0.02	2.42E-14
rs111386872	T	G	0.06	0.0085672	2.42E-14
rs114113748	T	G	0.1	0.01	2.43E-14
rs371689715	A	C	0.12	0.01	2.43E-14
rs139447167	C	G	0.18	0.02	2.43E-14
rs116692840	G	C	0.18	0.02	2.43E-14
rs114880555	T	C	0.09	0.01	2.44E-14
rs12005642	T	C	0.06	0.0086991	2.44E-14
rs144459726	T	C	0.18	0.02	2.44E-14
rs77028191	A	G	0.21	0.02	2.45E-14
rs146862794	T	C	0.18	0.02	2.45E-14
rs188649736	A	G	0.31	0.04	2.45E-14
rs144026450	G	C	0.18	0.02	2.45E-14
rs528760104	G	T	0.28	0.03	2.47E-14
rs542080378	G	A	0.19	0.02	2.47E-14
rs183794332	C	G	0.21	0.02	2.47E-14
rs138478027	A	G	0.19	0.02	2.47E-14
rs73102980	A	T	0.2	0.02	2.48E-14
rs143094282	T	C	0.19	0.02	2.48E-14
rs151216601	A	G	0.18	0.02	2.48E-14

rs553465365	T	C	0.29	0.03	2.49E-14
rs6975546	C	G	0.18	0.02	2.49E-14
rs77751082	G	T	0.09	0.01	2.49E-14
rs564151183	A	G	0.18	0.02	2.50E-14
rs556745211	C	G	0.23	0.03	2.50E-14
rs148639328	T	C	0.18	0.02	2.50E-14
rs115625711	C	A	0.09	0.01	2.50E-14
rs146690445	G	A	0.18	0.02	2.51E-14
rs1350839	A	G	0.18	0.02	2.51E-14
rs546655531	A	G	0.17	0.02	2.52E-14
rs112770973	A	G	0.24	0.03	2.52E-14
rs183689690	T	A	0.18	0.02	2.52E-14
rs148905093	A	G	0.16	0.02	2.52E-14
rs114154390	A	G	0.18	0.02	2.52E-14
rs146914197	A	C	0.19	0.02	2.52E-14
rs114292134	T	C	0.18	0.02	2.52E-14
rs60529581	A	G	0.18	0.02	2.53E-14
rs191919996	G	A	0.12	0.01	2.53E-14
rs188755579	C	A	0.18	0.02	2.54E-14
rs141106737	G	A	0.09	0.01	2.54E-14
rs377277787	T	C	0.18	0.02	2.55E-14
7:105991673_G_A	A	G	0.2	0.02	2.55E-14
rs186322592	T	A	0.18	0.02	2.55E-14
rs150062875	A	G	0.19	0.02	2.56E-14
rs61342107	A	C	0.06	0.008583	2.57E-14
rs372386900	T	C	0.19	0.02	2.57E-14
rs140000741	A	G	0.29	0.03	2.57E-14
rs541230421	G	A	0.19	0.02	2.58E-14
rs541257726	A	G	0.1	0.01	2.58E-14
rs114205511	T	G	0.08	0.01	2.60E-14
rs532402263	A	G	0.18	0.02	2.60E-14
rs372684403	C	T	0.18	0.02	2.60E-14
rs559208560	C	T	0.18	0.02	2.61E-14
rs115022468	A	T	0.17	0.02	2.61E-14
rs116600763	T	C	0.18	0.02	2.61E-14
rs569004401	A	G	0.18	0.02	2.63E-14
rs75609202	A	G	0.19	0.02	2.63E-14
rs79308820	G	A	1.94	0.25	2.63E-14
rs143154146	A	G	0.19	0.02	2.63E-14
rs189588570	A	G	0.19	0.02	2.64E-14
rs368248268	A	T	0.18	0.02	2.64E-14
rs114532890	C	T	0.19	0.02	2.64E-14
rs114163199	T	C	0.18	0.02	2.64E-14
rs115910170	C	T	0.18	0.02	2.64E-14
rs116565789	A	T	0.18	0.02	2.64E-14
rs139070880	A	G	1	0.13	2.64E-14
rs74935458	C	T	0.1	0.01	2.65E-14
rs76156653	T	C	0.1	0.01	2.65E-14
rs79400982	T	C	0.19	0.02	2.66E-14
rs192686977	T	G	0.25	0.03	2.67E-14
rs540641096	G	A	0.16	0.02	2.67E-14
rs116570870	A	T	0.26	0.03	2.67E-14
rs78915509	C	G	0.18	0.02	2.67E-14
rs77376248	C	G	0.18	0.02	2.68E-14
rs558548697	G	C	0.13	0.01	2.68E-14
rs144681755	C	T	0.18	0.02	2.68E-14
rs73101556	C	T	0.19	0.02	2.69E-14
rs150234029	A	G	0.27	0.03	2.69E-14
rs61606328	G	A	0.18	0.02	2.69E-14
rs59490578	C	T	0.23	0.03	2.70E-14
rs149857114	G	A	0.18	0.02	2.70E-14



rs748895069	T	C	0.05	0.0071732	2.70E-14
rs73041546	A	G	0.06	0.008589	2.70E-14
rs142880611	G	C	0.12	0.01	2.70E-14
rs761968958	T	G	0.04	0.0064585	2.71E-14
rs529442478	C	T	0.18	0.02	2.72E-14
rs115951564	C	T	0.18	0.02	2.72E-14
rs72942929	G	T	0.09	0.01	2.72E-14
rs182760602	G	A	0.21	0.02	2.72E-14
rs141025289	C	T	0.18	0.02	2.73E-14
rs141641810	G	A	0.19	0.02	2.73E-14
rs143468836	C	G	0.18	0.02	2.73E-14
rs189547884	C	A	0.18	0.02	2.73E-14
rs139711050	A	G	0.18	0.02	2.74E-14
rs75160438	A	G	0.09	0.01	2.74E-14
rs115306516	C	T	0.18	0.02	2.75E-14
rs571023167	A	C	0.2	0.02	2.75E-14
rs146214499	A	C	0.18	0.02	2.75E-14
rs150606775	G	A	1.45	0.19	2.75E-14
rs375061666	C	G	0.27	0.03	2.75E-14
rs73101564	C	G	0.19	0.02	2.75E-14
rs139566385	G	C	0.18	0.02	2.77E-14
rs140486017	A	G	0.18	0.02	2.77E-14
rs142280401	T	A	0.18	0.02	2.77E-14
rs188821931	T	C	0.18	0.02	2.77E-14
rs141635858	C	T	0.18	0.02	2.77E-14
rs149808049	G	A	0.18	0.02	2.77E-14
rs554031919	A	G	0.25	0.03	2.77E-14
rs114383041	A	G	0.18	0.02	2.77E-14
rs149855341	A	G	0.18	0.02	2.77E-14
rs140879196	C	T	0.18	0.02	2.77E-14
rs140755408	C	T	0.09	0.01	2.78E-14
rs191747408	G	A	0.18	0.02	2.78E-14
rs143027105	G	A	0.18	0.02	2.79E-14
rs114818190	G	A	0.18	0.02	2.79E-14
rs138588265	A	G	0.19	0.02	2.79E-14
rs60244292	G	C	0.04	0.0063951	2.80E-14
rs28547532	C	T	0.04	0.0063951	2.80E-14
rs28377229	A	G	0.04	0.0063951	2.80E-14
rs147555536	T	A	0.18	0.02	2.81E-14
rs57592717	G	C	0.18	0.02	2.81E-14
rs57698366	C	T	0.04	0.0065647	2.82E-14
rs78155627	C	T	0.09	0.01	2.83E-14
rs138754709	G	A	0.18	0.02	2.84E-14
rs140578389	G	A	0.18	0.02	2.84E-14
rs145816659	G	C	0.19	0.02	2.85E-14
rs141235768	T	G	0.18	0.02	2.86E-14
rs190810379	C	T	0.18	0.02	2.87E-14
rs572775686	T	C	0.23	0.03	2.87E-14
rs78233586	C	T	0.18	0.02	2.88E-14
rs147355365	A	T	0.18	0.02	2.88E-14
rs142305797	A	C	0.18	0.02	2.89E-14
rs115812436	A	G	0.18	0.02	2.90E-14
rs570413492	C	G	0.1	0.01	2.90E-14
rs76299220	C	T	0.18	0.02	2.90E-14
rs184049436	C	T	0.26	0.03	2.91E-14
rs188611137	C	T	0.18	0.02	2.92E-14
rs74995744	G	A	0.18	0.02	2.92E-14
rs150534162	G	A	0.31	0.04	2.92E-14
rs146288586	T	C	0.2	0.02	2.93E-14
rs148024368	T	G	1.09	0.14	2.93E-14
rs145857387	G	A	0.26	0.03	2.95E-14

rs370400191	C	G	0.18	0.02	2.95E-14
rs74986314	A	C	0.15	0.02	2.96E-14
rs17010092	C	T	0.04	0.0063924	2.96E-14
rs116482058	C	G	0.1	0.01	2.96E-14
rs549048204	G	A	0.18	0.02	2.97E-14
rs112965046	G	C	0.18	0.02	2.97E-14
rs78434428	T	C	0.18	0.02	2.98E-14
rs140448227	C	G	0.18	0.02	2.98E-14
rs188203839	G	C	0.18	0.02	2.99E-14
rs535772357	A	C	0.09	0.01	2.99E-14
rs150781011	C	T	0.17	0.02	2.99E-14
rs61236356	A	T	0.29	0.03	3.00E-14
rs142168059	T	C	0.18	0.02	3.00E-14
rs114254788	A	G	0.31	0.04	3.00E-14
rs75951872	A	G	0.09	0.01	3.00E-14
rs138401815	C	T	0.2	0.02	3.01E-14
rs76291227	A	G	0.1	0.01	3.01E-14
rs139777176	T	G	0.18	0.02	3.01E-14
rs75146261	A	C	0.18	0.02	3.02E-14
rs374783920	C	T	0.19	0.02	3.03E-14
rs115299382	T	G	0.18	0.02	3.03E-14
rs116061653	T	A	0.19	0.02	3.03E-14
rs187675713	A	C	0.19	0.02	3.03E-14
rs150885818	T	C	0.17	0.02	3.04E-14
rs551905613	A	C	0.2	0.02	3.04E-14
rs148244820	C	G	0.25	0.03	3.05E-14
rs115599805	A	C	0.14	0.01	3.06E-14
rs181594340	T	C	0.19	0.02	3.07E-14
rs371802776	T	C	0.19	0.02	3.08E-14
rs185449378	T	A	0.18	0.02	3.09E-14
rs576415260	A	C	0.18	0.02	3.10E-14
rs79647689	A	G	0.18	0.02	3.12E-14
rs143161518	A	G	0.37	0.04	3.12E-14
rs544976996	C	A	0.18	0.02	3.12E-14
rs545906215	A	G	0.04	0.0058612	3.14E-14
rs542172937	A	G	0.18	0.02	3.15E-14
rs143301977	A	T	0.19	0.02	3.15E-14
rs150581917	A	G	0.19	0.02	3.15E-14
rs144434644	G	A	0.19	0.02	3.15E-14
rs141346908	A	G	0.19	0.02	3.15E-14
rs139624131	A	G	0.19	0.02	3.15E-14
rs192243324	T	A	0.19	0.02	3.15E-14
rs147885824	T	C	0.06	0.00889	3.16E-14
rs568536177	T	C	0.19	0.02	3.18E-14
rs144554003	C	A	0.18	0.02	3.18E-14
rs143342662	G	A	0.18	0.02	3.18E-14
rs115647537	A	C	0.18	0.02	3.18E-14
rs188562367	T	C	0.19	0.02	3.18E-14
rs114957750	C	G	0.1	0.01	3.18E-14
rs114210406	A	G	0.18	0.02	3.18E-14
rs148512860	T	C	0.37	0.04	3.19E-14
rs148210341	G	A	0.18	0.02	3.19E-14
rs111827122	A	G	0.21	0.02	3.19E-14
rs77018607	G	T	0.19	0.02	3.19E-14
rs145862472	G	A	0.2	0.02	3.20E-14
rs139315768	G	C	0.18	0.02	3.21E-14
rs114475036	G	C	0.18	0.02	3.21E-14
rs7866771	T	C	0.21	0.02	3.21E-14
rs545702542	A	G	0.18	0.02	3.23E-14
rs140153984	A	G	0.06	0.0082547	3.23E-14
rs79654097	A	G	0.19	0.02	3.24E-14

rs561011444	A	T	0.19	0.02	3.24E-14
rs114286762	A	G	0.18	0.02	3.25E-14
rs527280719	T	C	0.47	0.06	3.25E-14
rs75810169	A	G	0.4	0.05	3.25E-14
rs56967872	G	A	0.1	0.01	3.27E-14
rs149750171	A	G	0.18	0.02	3.28E-14
rs116209174	A	C	0.18	0.02	3.29E-14
rs114294249	T	A	0.18	0.02	3.30E-14
rs564572874	C	T	0.18	0.02	3.30E-14
rs115137625	A	G	0.18	0.02	3.31E-14
rs193184737	T	A	0.18	0.02	3.31E-14
rs111443169	T	G	0.2	0.02	3.31E-14
rs185253282	C	T	0.18	0.02	3.31E-14
rs116875384	T	C	0.18	0.02	3.32E-14
rs550182350	G	A	0.19	0.02	3.32E-14
rs13385736	A	G	0.23	0.03	3.32E-14
rs138533748	T	C	0.18	0.02	3.33E-14
rs112815868	T	C	0.09	0.01	3.33E-14
rs73274648	C	T	0.23	0.03	3.33E-14
rs115488359	G	A	0.18	0.02	3.34E-14
rs538960286	A	G	0.05	0.0071913	3.34E-14
rs183044873	A	G	0.22	0.03	3.35E-14
rs145909053	T	C	0.18	0.02	3.35E-14
rs77652688	G	C	0.18	0.02	3.36E-14
rs141247406	A	G	0.18	0.02	3.36E-14
rs80033319	C	A	0.13	0.01	3.37E-14
rs183955214	C	A	0.18	0.02	3.37E-14
rs189124481	G	A	0.2	0.02	3.37E-14
rs115055453	G	A	0.14	0.01	3.38E-14
rs116533772	G	A	0.18	0.02	3.38E-14
rs536627799	T	C	0.18	0.02	3.40E-14
rs562326898	C	T	0.49	0.06	3.40E-14
rs142986833	T	C	0.18	0.02	3.40E-14
rs192089260	C	T	0.21	0.02	3.40E-14
rs75160296	C	T	0.18	0.02	3.41E-14
rs543270022	A	G	0.37	0.04	3.41E-14
rs73086722	A	G	0.21	0.02	3.41E-14
rs73153303	G	C	0.17	0.02	3.41E-14
rs115409162	A	C	0.08	0.01	3.41E-14
rs116174974	A	T	0.19	0.02	3.43E-14
rs554093917	C	T	0.18	0.02	3.44E-14
rs35933200	C	T	0.19	0.02	3.44E-14
rs182151042	T	C	0.18	0.02	3.44E-14
rs185174501	T	C	2.27	0.3	3.48E-14
rs114784448	T	G	0.09	0.01	3.48E-14
rs114335411	T	C	0.18	0.02	3.49E-14
rs115654230	G	A	0.18	0.02	3.50E-14
rs116210218	T	C	0.18	0.02	3.51E-14
rs41272090	A	C	0.18	0.02	3.51E-14
rs565520664	A	G	0.2	0.02	3.52E-14
rs113439944	C	G	0.18	0.02	3.52E-14
rs138169226	A	C	0.16	0.02	3.52E-14
rs115619571	A	G	0.23	0.03	3.53E-14
rs552470728	T	C	0.19	0.02	3.53E-14
rs367546364	T	C	0.17	0.02	3.53E-14
rs145738113	A	C	0.29	0.03	3.55E-14
rs146405008	C	A	0.18	0.02	3.55E-14
rs544421102	T	A	0.23	0.03	3.55E-14
rs191665755	T	C	0.23	0.03	3.57E-14
rs138084333	C	T	0.25	0.03	3.58E-14
rs114929347	A	G	0.18	0.02	3.58E-14

rs114378957	C	A	0.09	0.01	3.58E-14
rs78380513	G	A	0.21	0.02	3.58E-14
rs147233110	C	T	0.09	0.01	3.58E-14
rs532980872	A	G	0.21	0.02	3.59E-14
rs6778663	G	A	0.19	0.02	3.59E-14
rs140273253	G	C	0.18	0.02	3.59E-14
rs78168221	A	G	0.18	0.02	3.59E-14
rs141848251	G	C	0.26	0.03	3.60E-14
rs77027284	G	A	0.12	0.01	3.60E-14
rs539969980	A	G	0.18	0.02	3.61E-14
rs192797259	T	C	0.18	0.02	3.62E-14
rs112125417	G	A	0.27	0.03	3.62E-14
rs142601414	T	C	0.23	0.03	3.62E-14
rs148398106	C	T	0.18	0.02	3.62E-14
rs566072931	T	C	0.18	0.02	3.62E-14
rs992763	G	C	0.18	0.02	3.63E-14
rs116853282	C	T	0.57	0.07	3.63E-14
rs546565731	A	C	0.18	0.02	3.64E-14
rs375757775	C	T	0.19	0.02	3.64E-14
rs147145011	A	G	0.18	0.02	3.65E-14
rs138224863	A	G	0.19	0.02	3.65E-14
rs554151800	A	G	0.18	0.02	3.66E-14
rs148403536	C	T	0.19	0.02	3.67E-14
rs114370723	G	T	0.18	0.02	3.67E-14
rs182450085	T	C	0.18	0.02	3.67E-14
rs116836083	T	G	0.18	0.02	3.67E-14
rs150172078	C	T	0.29	0.03	3.68E-14
rs115216933	G	A	0.18	0.02	3.70E-14
rs147092815	A	G	0.18	0.02	3.70E-14
rs112872610	G	C	0.15	0.01	3.71E-14
rs61077321	A	G	0.4	0.05	3.71E-14
rs141927990	G	C	0.19	0.02	3.72E-14
rs149806763	T	C	0.09	0.01	3.73E-14
rs76577107	G	A	0.26	0.03	3.75E-14
rs115665521	G	A	0.18	0.02	3.76E-14
rs146500533	C	A	0.19	0.02	3.76E-14
rs147508916	C	A	0.19	0.02	3.77E-14
rs56729060	T	C	0.43	0.05	3.77E-14
rs538507133	G	C	0.18	0.02	3.78E-14
rs10267760	T	C	0.18	0.02	3.78E-14
rs74910794	G	A	0.28	0.03	3.78E-14
rs116821383	T	A	0.22	0.02	3.78E-14
rs143098042	A	G	0.22	0.02	3.78E-14
rs192910234	T	C	0.19	0.02	3.80E-14
rs138359665	G	T	0.18	0.02	3.80E-14
7:73700652_A_G	G	A	0.04	0.0064145	3.81E-14
rs146567193	T	C	0.16	0.02	3.82E-14
rs180770059	G	T	0.18	0.02	3.82E-14
rs182831713	G	A	0.18	0.02	3.84E-14
rs115715459	T	C	0.1	0.01	3.84E-14
rs561000069	A	G	0.07	0.0095028	3.85E-14
rs553562950	T	A	0.21	0.02	3.85E-14
rs115830912	T	C	0.09	0.01	3.85E-14
rs185859277	C	T	0.18	0.02	3.86E-14
rs573211042	T	G	0.18	0.02	3.86E-14
rs549148436	T	A	0.18	0.02	3.87E-14
rs147038793	A	G	0.22	0.02	3.87E-14
rs144320259	T	C	0.18	0.02	3.87E-14
rs116725460	T	A	0.18	0.02	3.88E-14
rs75798420	T	A	0.18	0.02	3.88E-14
rs28367971	C	A	0.18	0.02	3.89E-14

rs185385130	T	C	0.18	0.02	3.90E-14
rs16901866	G	A	0.18	0.02	3.92E-14
rs555202417	A	G	0.18	0.02	3.92E-14
rs587648241	A	G	0.19	0.02	3.93E-14
rs187262193	G	A	0.42	0.05	3.93E-14
rs116830396	A	G	0.18	0.02	3.93E-14
rs113498292	C	G	0.18	0.02	3.95E-14
rs77309418	T	G	0.18	0.02	3.95E-14
rs75891689	T	A	0.09	0.01	3.96E-14
rs146052870	A	G	0.18	0.02	3.96E-14
rs1524135	G	C	0.18	0.02	3.96E-14
rs183088622	G	A	1.53	0.2	3.96E-14
rs540224787	A	G	0.2	0.02	3.98E-14
rs76194174	T	C	0.13	0.01	3.98E-14
rs113904220	T	C	0.16	0.02	3.98E-14
rs77986765	G	A	0.08	0.01	3.99E-14
rs113992287	A	G	0.2	0.02	3.99E-14
rs141130863	T	C	0.28	0.03	3.99E-14
rs186352779	T	C	0.18	0.02	4.00E-14
rs547698701	T	C	0.19	0.02	4.00E-14
rs116293791	C	T	0.18	0.02	4.02E-14
rs143679021	T	C	0.18	0.02	4.03E-14
rs144337990	G	C	0.18	0.02	4.03E-14
rs143067537	A	G	0.18	0.02	4.03E-14
rs565995858	A	G	0.64	0.08	4.04E-14
rs74888237	T	C	0.18	0.02	4.04E-14
rs73752107	A	T	0.18	0.02	4.05E-14
rs114085388	G	A	0.18	0.02	4.05E-14
rs149779160	C	T	0.18	0.02	4.06E-14
rs138551508	T	C	0.18	0.02	4.06E-14
rs142984166	A	G	0.17	0.02	4.07E-14
rs146414117	C	G	0.18	0.02	4.08E-14
rs372723970	G	A	0.18	0.02	4.09E-14
rs115767809	T	C	0.18	0.02	4.09E-14
rs574780153	T	C	0.18	0.02	4.09E-14
rs144876324	T	A	0.18	0.02	4.10E-14
rs151146876	A	G	0.24	0.03	4.10E-14
rs116654798	T	C	0.1	0.01	4.12E-14
rs561401159	A	C	0.19	0.02	4.12E-14
rs145196315	C	T	0.33	0.04	4.12E-14
rs144059854	C	T	0.18	0.02	4.13E-14
rs116350783	T	G	0.09	0.01	4.13E-14
rs10962347	G	C	0.09	0.01	4.13E-14
rs114847087	T	G	0.09	0.01	4.13E-14
rs116209212	C	G	0.34	0.04	4.14E-14
rs58111994	A	G	0.09	0.01	4.14E-14
rs59117911	A	G	0.23	0.03	4.15E-14
rs13423819	A	T	0.18	0.02	4.15E-14
rs116019880	T	A	0.18	0.02	4.15E-14
rs146321371	C	T	0.18	0.02	4.16E-14
rs79920802	T	G	0.18	0.02	4.16E-14
rs138338216	T	C	0.18	0.02	4.18E-14
rs138992604	T	G	0.18	0.02	4.19E-14
rs145623497	T	A	0.19	0.02	4.19E-14
rs574198806	T	C	0.12	0.01	4.20E-14
rs58165116	A	G	0.04	0.0063584	4.20E-14
rs138709575	A	G	0.09	0.01	4.20E-14
rs545672411	C	G	0.18	0.02	4.21E-14
rs149616617	T	C	0.17	0.02	4.22E-14
rs115647463	T	C	0.18	0.02	4.23E-14
rs758915738	T	G	0.07	0.0096995	4.23E-14

rs150194893	G	A	0.28	0.03	4.23E-14
rs79813110	A	G	0.18	0.02	4.24E-14
rs184543995	A	G	0.19	0.02	4.24E-14
rs189019262	G	C	0.19	0.02	4.24E-14
rs139442649	C	T	0.19	0.02	4.24E-14
rs689297	T	C	0.19	0.02	4.24E-14
rs148720578	G	C	0.19	0.02	4.24E-14
rs149956371	G	A	0.19	0.02	4.24E-14
rs185973807	T	C	0.19	0.02	4.24E-14
rs539881474	T	C	0.18	0.02	4.25E-14
rs565492840	G	A	0.25	0.03	4.26E-14
rs112485855	T	A	0.18	0.02	4.26E-14
rs114813575	G	C	0.19	0.02	4.26E-14
rs73718641	T	C	0.21	0.02	4.26E-14
rs185318877	C	T	0.29	0.03	4.27E-14
rs184314407	T	A	0.18	0.02	4.27E-14
rs544549160	C	G	0.18	0.02	4.29E-14
rs187617297	A	G	0.17	0.02	4.31E-14
rs139404238	C	A	0.18	0.02	4.32E-14
rs192353739	T	G	0.18	0.02	4.32E-14
rs145522804	A	G	0.18	0.02	4.35E-14
rs17170285	C	G	0.09	0.01	4.35E-14
rs573581913	G	A	0.2	0.02	4.36E-14
rs150748789	T	G	0.18	0.02	4.36E-14
rs114221155	G	A	0.14	0.01	4.37E-14
rs143469719	A	T	0.19	0.02	4.37E-14
rs367847041	C	T	0.18	0.02	4.38E-14
rs80064698	C	T	0.19	0.02	4.39E-14
rs539313377	A	G	0.18	0.02	4.39E-14
rs570055577	A	G	0.18	0.02	4.39E-14
rs551860572	G	A	0.17	0.02	4.39E-14
rs116789277	G	T	0.18	0.02	4.40E-14
rs150974871	G	C	0.18	0.02	4.40E-14
rs141093216	C	G	0.18	0.02	4.41E-14
rs114305216	C	G	0.09	0.01	4.42E-14
rs535112524	C	T	0.3	0.04	4.43E-14
rs375987235	T	C	0.09	0.01	4.44E-14
rs58376854	A	G	0.2	0.02	4.45E-14
rs12104804	G	C	0.04	0.0063622	4.46E-14
rs577284072	G	A	0.3	0.04	4.46E-14
rs76327719	C	G	0.18	0.02	4.46E-14
rs192271855	T	C	0.3	0.04	4.47E-14
rs77521021	T	C	0.19	0.02	4.47E-14
rs145812983	G	A	0.18	0.02	4.51E-14
rs116132956	G	A	0.18	0.02	4.53E-14
rs150549152	C	T	0.18	0.02	4.54E-14
rs74605931	C	G	0.28	0.03	4.54E-14
rs573656825	C	T	0.18	0.02	4.54E-14
rs140510716	A	G	0.18	0.02	4.57E-14
rs112386750	A	T	0.18	0.02	4.57E-14
rs192070109	T	C	0.18	0.02	4.58E-14
rs28538651	G	A	0.18	0.02	4.58E-14
rs114398175	C	T	0.18	0.02	4.59E-14
rs145755255	G	A	0.18	0.02	4.60E-14
rs138415966	A	G	0.18	0.02	4.63E-14
rs139969225	A	G	0.19	0.02	4.64E-14
rs535680408	G	C	0.18	0.02	4.66E-14
rs74973188	C	G	0.18	0.02	4.66E-14
rs146114357	A	C	0.1	0.01	4.67E-14
rs191933055	C	A	0.18	0.02	4.69E-14
rs747531503	T	C	0.05	0.0077565	4.69E-14

rs147487105	C	T	0.19	0.02	4.70E-14
rs1895138	C	T	0.18	0.02	4.75E-14
rs545290413	A	G	0.09	0.01	4.76E-14
rs116462703	T	G	0.18	0.02	4.76E-14
rs138031541	C	A	0.94	0.12	4.77E-14
rs143407405	A	T	0.27	0.03	4.78E-14
rs114980825	C	T	0.18	0.02	4.80E-14
rs141246324	G	T	0.18	0.02	4.80E-14
rs80129336	C	G	0.21	0.02	4.80E-14
rs151319388	A	C	0.18	0.02	4.80E-14
rs558026491	T	C	0.27	0.03	4.81E-14
rs115795989	T	C	0.3	0.04	4.81E-14
rs140678413	A	G	0.21	0.02	4.81E-14
rs116142690	C	T	0.18	0.02	4.82E-14
rs74969781	A	C	0.11	0.01	4.83E-14
rs116794086	C	A	0.22	0.02	4.83E-14
rs74962580	C	A	0.18	0.02	4.84E-14
rs373261104	G	T	0.18	0.02	4.85E-14
rs146581405	T	C	0.17	0.02	4.85E-14
rs188736081	T	C	0.04	0.0064766	4.86E-14
rs375896969	G	A	0.37	0.05	4.90E-14
rs116518533	C	T	0.18	0.02	4.91E-14
rs73086709	T	C	0.2	0.02	4.91E-14
rs190521901	A	C	0.18	0.02	4.94E-14
rs138033721	C	T	0.18	0.02	4.95E-14
rs182805334	G	A	0.18	0.02	4.96E-14
rs573679099	T	C	0.18	0.02	4.98E-14
rs144445203	T	C	0.18	0.02	4.98E-14
rs147922399	A	C	0.18	0.02	4.99E-14
rs543718736	C	T	0.18	0.02	4.99E-14
rs564622582	T	C	0.18	0.02	4.99E-14
rs75430088	G	C	0.14	0.01	5.00E-14
rs79997975	C	T	0.18	0.02	5.00E-14
rs74613117	C	G	0.27	0.03	5.00E-14
rs114609507	A	G	0.09	0.01	5.00E-14
rs558981409	G	C	0.21	0.02	5.01E-14
rs566639533	T	A	0.21	0.02	5.01E-14
rs149741653	C	G	0.4	0.05	5.02E-14
rs143508029	G	A	0.18	0.02	5.02E-14
rs571464505	A	G	0.18	0.02	5.02E-14
rs150382762	G	A	0.18	0.02	5.03E-14
rs138221482	A	G	0.24	0.03	5.04E-14
rs201538899	G	C	0.18	0.02	5.05E-14
rs74798623	A	G	0.18	0.02	5.06E-14
rs72909823	T	C	0.18	0.02	5.08E-14
rs111768870	A	C	0.21	0.02	5.08E-14
rs113176972	T	C	0.21	0.02	5.08E-14
rs3849118	A	G	0.21	0.02	5.09E-14
rs75836464	T	C	0.18	0.02	5.09E-14
rs144634843	G	T	0.25	0.03	5.09E-14
rs114745174	T	C	0.18	0.02	5.10E-14
rs148626253	T	C	0.18	0.02	5.12E-14
rs193214152	G	A	0.18	0.02	5.13E-14
rs541136056	A	G	0.76	0.1	5.13E-14
rs146785734	T	C	0.17	0.02	5.13E-14
rs114178523	A	G	0.1	0.01	5.14E-14
rs370091981	G	A	0.3	0.04	5.16E-14
rs116767465	C	A	0.18	0.02	5.16E-14
rs146018073	T	C	0.17	0.02	5.17E-14
rs545207875	C	A	0.18	0.02	5.18E-14
rs35957083	G	T	0.18	0.02	5.19E-14

rs77335989	A	G	0.09	0.01	5.20E-14
rs116166412	G	A	0.18	0.02	5.21E-14
rs533709451	C	T	0.16	0.02	5.22E-14
rs150588294	T	G	0.17	0.02	5.22E-14
rs201183798	A	G	0.17	0.02	5.22E-14
rs184539091	T	C	0.18	0.02	5.23E-14
rs77814439	T	C	0.14	0.01	5.27E-14
rs766835011	T	C	0.02	0.0035725	5.27E-14
rs79252762	G	C	0.09	0.01	5.27E-14
6:131055900_G_A	A	G	0.07	0.0095738	5.28E-14
rs546912941	G	A	0.28	0.03	5.28E-14
rs151218013	T	C	0.18	0.02	5.29E-14
rs372380169	T	C	0.22	0.03	5.30E-14
rs187229611	G	T	0.19	0.02	5.30E-14
rs79285052	G	A	0.18	0.02	5.30E-14
2:104063318_A_G	G	A	0.08	0.01	5.31E-14
rs79004550	T	C	0.18	0.02	5.31E-14
rs79851417	A	G	0.18	0.02	5.32E-14
rs12061326	C	T	0.18	0.02	5.34E-14
rs60970449	G	T	0.18	0.02	5.35E-14
rs140620163	A	G	0.1	0.01	5.35E-14
rs115972090	A	T	0.3	0.04	5.37E-14
rs116387368	T	C	0.18	0.02	5.38E-14
rs114779759	A	G	0.18	0.02	5.39E-14
rs77105494	G	A	0.18	0.02	5.40E-14
rs149357885	G	A	0.21	0.02	5.40E-14
rs147863169	T	C	0.23	0.03	5.41E-14
rs184489466	A	G	0.18	0.02	5.43E-14
rs531044390	T	C	0.04	0.0063594	5.43E-14
rs76924079	C	G	0.18	0.02	5.44E-14
rs28416569	G	A	0.09	0.01	5.48E-14
rs114676687	G	T	0.09	0.01	5.50E-14
rs141519295	G	A	0.64	0.08	5.50E-14
rs542547910	T	A	0.18	0.02	5.50E-14
rs74794711	A	G	0.2	0.02	5.52E-14
rs116115777	C	T	0.18	0.02	5.52E-14
rs146726048	A	G	0.18	0.02	5.53E-14
rs77758708	A	G	0.19	0.02	5.56E-14
rs79555262	T	G	0.27	0.03	5.56E-14
rs116124172	A	G	0.18	0.02	5.58E-14
rs546408355	A	G	0.18	0.02	5.59E-14
rs563094820	T	C	0.18	0.02	5.59E-14
rs113390053	T	C	0.18	0.02	5.60E-14
rs149081622	A	G	0.18	0.02	5.61E-14
rs4150864	G	A	0.18	0.02	5.62E-14
rs552163168	T	C	0.09	0.01	5.64E-14
rs113832583	A	G	0.18	0.02	5.65E-14
rs545652721	T	G	0.15	0.02	5.65E-14
rs111484140	T	C	0.18	0.02	5.66E-14
rs113209889	T	A	0.18	0.02	5.66E-14
rs113852783	G	A	0.18	0.02	5.66E-14
rs113176166	T	C	0.18	0.02	5.66E-14
rs57755124	T	C	0.18	0.02	5.67E-14
rs181268073	G	A	0.18	0.02	5.67E-14
rs143254163	C	T	0.18	0.02	5.68E-14
rs186308493	A	G	0.18	0.02	5.69E-14
rs113602405	C	T	0.18	0.02	5.71E-14
rs187212685	A	C	0.18	0.02	5.71E-14
rs539710869	A	C	0.12	0.01	5.71E-14
rs76342208	A	G	0.03	0.0050003	5.71E-14
rs115220739	T	C	0.18	0.02	5.71E-14



rs115616245	T	G	0.18	0.02	5.72E-14
rs548923185	G	A	0.13	0.01	5.73E-14
rs147942577	T	C	0.18	0.02	5.73E-14
rs116789699	T	C	0.09	0.01	5.76E-14
rs190603290	T	C	0.11	0.01	5.76E-14
rs116353538	T	C	0.21	0.02	5.76E-14
rs565673816	T	A	0.19	0.02	5.78E-14
rs147493675	G	C	0.18	0.02	5.79E-14
rs140574336	A	T	0.18	0.02	5.80E-14
rs13398348	G	A	0.09	0.01	5.80E-14
rs75487596	G	T	0.18	0.02	5.80E-14
rs549997537	T	C	0.18	0.02	5.81E-14
rs13420132	G	A	0.18	0.02	5.82E-14
rs146602728	T	C	0.12	0.01	5.82E-14
rs144688800	A	G	0.19	0.02	5.83E-14
rs529673273	C	T	0.18	0.02	5.83E-14
rs114365859	T	G	0.18	0.02	5.85E-14
rs151321903	G	A	0.18	0.02	5.86E-14
rs370734667	A	T	0.18	0.02	5.89E-14
rs143182493	A	G	0.18	0.02	5.89E-14
rs60906931	T	C	0.19	0.02	5.91E-14
rs529311342	G	A	0.18	0.02	5.91E-14
rs192784091	A	G	0.22	0.02	5.92E-14
rs193260186	G	C	0.44	0.05	5.92E-14
rs143962405	T	A	0.19	0.02	5.93E-14
rs72940209	G	A	0.07	0.0097722	5.93E-14
rs114415409	T	C	0.18	0.02	5.96E-14
rs571550832	A	C	0.18	0.02	5.99E-14
rs140892690	T	C	0.16	0.02	5.99E-14
rs531902677	A	G	0.18	0.02	5.99E-14
rs116626498	T	C	0.18	0.02	6.00E-14
rs113885646	A	G	0.17	0.02	6.00E-14
rs143899207	T	A	0.18	0.02	6.01E-14
rs569068197	C	T	0.18	0.02	6.01E-14
rs143402177	G	C	0.18	0.02	6.01E-14
rs562652515	T	C	0.18	0.02	6.01E-14
rs114525751	G	C	0.18	0.02	6.02E-14
rs562321020	G	A	0.18	0.02	6.03E-14
rs141352189	C	T	0.18	0.02	6.04E-14
rs535380506	T	A	0.05	0.007676	6.04E-14
rs114220040	A	G	0.18	0.02	6.05E-14
rs74756697	A	G	0.18	0.02	6.05E-14
rs146804271	G	A	0.18	0.02	6.06E-14
rs141627625	T	C	0.18	0.02	6.07E-14
rs189220634	G	A	0.18	0.02	6.10E-14
rs144208399	A	G	0.2	0.02	6.11E-14
rs75652143	T	G	0.18	0.02	6.13E-14
rs556778439	C	A	0.19	0.02	6.15E-14
rs74876244	A	C	0.17	0.02	6.16E-14
rs554096119	A	G	0.18	0.02	6.16E-14
rs115747193	C	T	0.18	0.02	6.17E-14
rs142366066	C	T	0.03	0.0052379	6.17E-14
rs77160621	A	G	0.34	0.04	6.18E-14
rs115671217	A	G	0.18	0.02	6.18E-14
rs112762166	C	G	0.17	0.02	6.21E-14
rs559546059	T	C	0.22	0.02	6.22E-14
rs61734948	A	G	0.18	0.02	6.23E-14
rs712513	A	G	0.07	0.0097331	6.24E-14
rs148529884	C	T	0.19	0.02	6.24E-14
rs72938295	A	C	0.07	0.009773	6.25E-14
rs1282962	T	C	0.07	0.009733	6.26E-14

rs148932875	C	T	0.18	0.02	6.28E-14
rs115097636	T	C	0.34	0.04	6.28E-14
rs149703625	G	A	0.18	0.02	6.29E-14
rs140687264	G	A	0.18	0.02	6.29E-14
rs144670318	A	G	0.18	0.02	6.30E-14
rs1027567	A	G	0.07	0.0097333	6.31E-14
rs140584287	C	G	0.34	0.04	6.31E-14
rs774766	A	C	0.07	0.009732	6.34E-14
rs548900360	A	G	0.18	0.02	6.34E-14
rs572877868	T	C	0.18	0.02	6.35E-14
rs78315764	C	T	0.07	0.0097623	6.35E-14
rs529616159	A	T	0.19	0.02	6.35E-14
rs144905891	G	A	0.17	0.02	6.36E-14
rs544527953	A	G	0.18	0.02	6.36E-14
rs80098144	T	C	0.09	0.01	6.37E-14
rs712511	G	A	0.07	0.0097302	6.39E-14
rs190905397	A	T	0.19	0.02	6.39E-14
rs189317245	A	G	0.18	0.02	6.39E-14
rs58753956	T	C	0.18	0.02	6.42E-14
rs28367946	T	C	0.18	0.02	6.43E-14
rs542892134	C	T	0.1	0.01	6.44E-14
rs181742552	T	C	0.19	0.02	6.46E-14
rs370429934	C	T	0.08	0.01	6.46E-14
rs372682593	A	G	0.12	0.01	6.48E-14
rs563495508	C	T	0.12	0.01	6.48E-14
rs185872929	G	A	0.18	0.02	6.53E-14
rs573179223	A	T	0.18	0.02	6.54E-14
rs182235393	T	G	0.19	0.02	6.56E-14
rs115582081	T	C	0.1	0.01	6.56E-14
rs138800114	C	T	0.18	0.02	6.57E-14
rs147773728	A	G	0.1	0.01	6.58E-14
rs566369324	G	C	0.18	0.02	6.58E-14
rs111653980	C	G	0.18	0.02	6.60E-14
rs148271594	T	C	0.18	0.02	6.62E-14
rs140854178	G	A	0.18	0.02	6.62E-14
rs150884132	A	G	0.18	0.02	6.63E-14
rs138453141	C	T	0.27	0.03	6.64E-14
rs189526698	C	A	0.18	0.02	6.64E-14
rs116018515	C	T	0.18	0.02	6.66E-14
rs189041081	T	A	0.21	0.02	6.66E-14
rs137934576	G	A	0.17	0.02	6.68E-14
rs142820518	G	A	0.17	0.02	6.69E-14
rs144801139	T	C	0.09	0.01	6.71E-14
rs147494841	A	C	0.04	0.0063167	6.71E-14
rs115488205	T	C	0.31	0.04	6.71E-14
rs77258100	T	C	0.09	0.01	6.74E-14
rs78033485	A	G	0.18	0.02	6.76E-14
rs114212403	G	A	0.17	0.02	6.78E-14
rs191497160	C	A	0.18	0.02	6.78E-14
rs80012895	T	C	0.09	0.01	6.79E-14
rs150538552	C	A	0.43	0.05	6.81E-14
rs368708995	A	G	0.11	0.01	6.82E-14
rs533048890	G	A	0.18	0.02	6.82E-14
rs116727288	T	G	0.18	0.02	6.85E-14
rs368917063	T	C	0.22	0.03	6.86E-14
rs114062608	C	T	0.09	0.01	6.86E-14
rs190210268	T	C	0.18	0.02	6.87E-14
rs555939988	T	C	0.05	0.0076756	6.90E-14
rs558684701	A	G	0.31	0.04	6.90E-14
rs114171720	A	T	0.09	0.01	6.90E-14
rs113998226	T	G	0.39	0.05	6.90E-14

rs148139941	C	T	0.16	0.02	6.91E-14
rs370659664	T	C	0.18	0.02	6.92E-14
rs148866264	A	G	0.18	0.02	6.93E-14
rs75126155	T	C	0.08	0.01	6.94E-14
rs140823847	G	A	0.18	0.02	6.94E-14
rs139558486	A	T	0.22	0.02	6.95E-14
rs138771586	G	A	0.18	0.02	6.95E-14
rs149713226	G	A	0.19	0.02	6.96E-14
rs150157639	T	C	0.18	0.02	6.97E-14
rs142688287	T	C	0.18	0.02	6.97E-14
rs189694791	T	G	0.17	0.02	6.98E-14
rs117617936	T	G	0.2	0.02	6.99E-14
rs112314323	T	C	0.18	0.02	7.00E-14
rs142699521	C	T	0.09	0.01	7.00E-14
rs543343458	C	G	0.21	0.02	7.02E-14
rs72941914	A	G	0.09	0.01	7.02E-14
rs144471177	A	G	0.28	0.03	7.03E-14
rs115399537	T	C	0.18	0.02	7.03E-14
rs57561781	A	C	0.18	0.02	7.04E-14
rs115751158	T	C	0.09	0.01	7.05E-14
rs112286692	G	A	0.09	0.01	7.05E-14
rs76401062	T	C	0.18	0.02	7.07E-14
rs572261311	A	T	0.18	0.02	7.08E-14
rs35688722	G	A	0.17	0.02	7.09E-14
rs113259100	C	G	0.09	0.01	7.09E-14
rs10005951	G	C	0.21	0.02	7.09E-14
rs186534226	A	T	0.18	0.02	7.11E-14
rs114182637	T	C	0.18	0.02	7.12E-14
rs77989704	G	C	0.18	0.02	7.12E-14
rs114638362	C	T	0.17	0.02	7.12E-14
rs550724551	A	G	0.18	0.02	7.14E-14
rs115240340	A	G	0.36	0.04	7.15E-14
rs182613949	A	G	5.81	0.77	7.15E-14
rs114562069	T	C	0.17	0.02	7.15E-14
rs529917387	T	C	0.18	0.02	7.16E-14
rs150676069	T	C	0.18	0.02	7.17E-14
3:40602708_T_C	C	T	0.05	0.0070301	7.18E-14
rs16827434	G	A	0.18	0.02	7.18E-14
rs137867708	T	C	0.18	0.02	7.18E-14
3:40602707_C_T	T	C	0.05	0.0070287	7.18E-14
rs148977022	A	C	0.21	0.02	7.19E-14
rs540147719	C	A	0.15	0.02	7.20E-14
rs142139310	T	C	0.09	0.01	7.22E-14
rs77244630	A	G	0.4	0.05	7.22E-14
rs115384163	T	C	0.18	0.02	7.23E-14
rs77373701	G	A	0.04	0.006283	7.26E-14
rs116042331	T	C	0.18	0.02	7.26E-14
rs112662814	C	A	0.17	0.02	7.26E-14
rs144358664	T	C	0.18	0.02	7.29E-14
rs753119773	A	T	0.06	0.0084211	7.30E-14
rs116286787	T	C	0.18	0.02	7.31E-14
rs145205774	C	T	0.18	0.02	7.31E-14
rs148798290	A	G	0.18	0.02	7.32E-14
rs74874838	A	T	0.17	0.02	7.32E-14
rs59791273	C	G	0.04	0.0065194	7.34E-14
rs549374021	T	G	0.18	0.02	7.35E-14
rs116517826	A	G	0.09	0.01	7.37E-14
rs562854554	A	G	0.24	0.03	7.38E-14
rs113196594	C	A	0.17	0.02	7.40E-14
rs116284855	A	G	0.14	0.01	7.41E-14
rs1282968	G	T	0.07	0.009735	7.43E-14

rs147418165	A	G	0.17	0.02	7.45E-14
rs185669612	T	C	0.29	0.03	7.45E-14
rs566992937	C	T	0.18	0.02	7.46E-14
rs76071390	A	C	0.09	0.01	7.48E-14
rs6773560	T	C	0.18	0.02	7.48E-14
rs150460814	G	A	0.18	0.02	7.49E-14
rs146292711	C	T	0.19	0.02	7.51E-14
rs193156234	T	C	0.09	0.01	7.53E-14
rs76375275	G	A	0.18	0.02	7.54E-14
rs149211965	T	C	0.09	0.01	7.55E-14
rs77650720	G	A	0.2	0.02	7.55E-14
rs2059036	T	C	0.18	0.02	7.56E-14
rs147133852	G	A	0.18	0.02	7.56E-14
6:75691379_T_C	C	T	0.18	0.02	7.63E-14
rs116638542	G	A	0.23	0.03	7.68E-14
rs80183347	C	A	0.09	0.01	7.68E-14
rs543009800	T	C	0.06	0.0088586	7.69E-14
rs578124242	C	T	0.08	0.01	7.69E-14
rs60275552	G	A	0.09	0.01	7.69E-14
rs191070194	G	T	0.18	0.02	7.70E-14
rs114491102	A	G	0.17	0.02	7.73E-14
rs182478666	G	A	0.18	0.02	7.75E-14
rs112239753	G	A	0.17	0.02	7.77E-14
rs114364149	G	C	0.16	0.02	7.79E-14
rs114438261	A	G	0.18	0.02	7.79E-14
rs563472851	C	G	0.04	0.0065138	7.79E-14
rs532358471	C	T	0.18	0.02	7.80E-14
rs114461118	A	G	0.19	0.02	7.84E-14
rs74428074	C	T	0.18	0.02	7.86E-14
rs114131754	G	C	0.1	0.01	7.87E-14
rs143969565	T	G	0.18	0.02	7.88E-14
rs113273962	T	C	0.08	0.01	7.89E-14
rs545293663	G	T	0.17	0.02	7.89E-14
rs551373314	T	C	0.2	0.02	7.89E-14
rs142386634	C	G	0.18	0.02	7.92E-14
rs560803889	G	A	0.71	0.09	7.92E-14
rs79561988	A	G	0.17	0.02	7.95E-14
rs557012794	G	A	0.23	0.03	7.96E-14
rs116241832	T	C	0.18	0.02	7.99E-14
rs186871344	C	T	0.15	0.02	8.03E-14
rs149959812	T	C	0.18	0.02	8.04E-14
rs373455565	T	C	0.16	0.02	8.06E-14
rs192220325	T	C	0.55	0.07	8.07E-14
rs79476473	A	G	0.18	0.02	8.08E-14
rs150146307	A	G	0.12	0.01	8.09E-14
rs139696768	G	A	0.28	0.03	8.10E-14
8:76530820_G_C	C	G	0.06	0.0087636	8.11E-14
rs138751509	G	C	0.18	0.02	8.13E-14
rs78099624	A	G	0.18	0.02	8.15E-14
rs569746508	T	C	0.18	0.02	8.15E-14
rs542684584	T	A	0.18	0.02	8.16E-14
rs180676307	A	G	0.19	0.02	8.17E-14
rs142491573	T	C	0.18	0.02	8.18E-14
rs28367947	T	C	0.18	0.02	8.20E-14
rs139189962	A	G	0.09	0.01	8.22E-14
rs116400594	G	A	0.18	0.02	8.23E-14
rs144775291	G	C	0.18	0.02	8.23E-14
rs115488368	G	C	0.17	0.02	8.24E-14
rs562887541	C	T	0.18	0.02	8.24E-14
rs73632707	T	G	0.09	0.01	8.26E-14
rs77460627	A	T	0.11	0.01	8.28E-14

rs139622008	C	T	0.12	0.01	8.28E-14
rs541777093	C	T	0.2	0.02	8.33E-14
rs568261597	C	T	0.27	0.03	8.33E-14
rs115224878	G	A	0.17	0.02	8.33E-14
rs377370872	A	C	0.19	0.02	8.36E-14
rs373593387	G	A	0.18	0.02	8.37E-14
rs148167634	G	A	0.18	0.02	8.37E-14
rs114915478	T	A	0.09	0.01	8.39E-14
rs73673531	T	G	0.26	0.03	8.39E-14
rs142018992	T	C	0.12	0.01	8.42E-14
rs115415471	C	G	0.17	0.02	8.44E-14
rs183774234	C	T	0.17	0.02	8.46E-14
rs114226286	G	A	0.18	0.02	8.47E-14
rs192462992	G	C	0.18	0.02	8.48E-14
rs143804199	A	G	0.18	0.02	8.51E-14
rs146605771	G	C	0.32	0.04	8.52E-14
rs115212324	C	T	0.16	0.02	8.54E-14
rs185490059	A	C	0.96	0.12	8.55E-14
rs58626242	A	T	0.18	0.02	8.55E-14
rs75246909	A	G	0.17	0.02	8.58E-14
rs117427766	T	G	0.23	0.03	8.58E-14
rs7642646	C	T	0.17	0.02	8.58E-14
rs185801992	T	C	0.18	0.02	8.59E-14
rs55984040	A	T	0.06	0.0083952	8.60E-14
rs576940243	C	T	0.18	0.02	8.63E-14
rs148578538	A	T	0.18	0.02	8.64E-14
rs574149783	A	C	0.18	0.02	8.65E-14
rs577746234	A	G	0.17	0.02	8.65E-14
rs1282943	A	G	0.07	0.0097249	8.67E-14
rs544563771	A	T	0.18	0.02	8.68E-14
rs78110123	T	C	0.1	0.01	8.69E-14
rs28465223	A	G	0.21	0.02	8.71E-14
rs370477844	A	G	0.17	0.02	8.74E-14
rs553490010	G	C	0.17	0.02	8.74E-14
rs149936329	T	C	0.12	0.01	8.75E-14
rs17010125	C	T	0.04	0.0062986	8.75E-14
rs116125016	A	G	0.2	0.02	8.75E-14
rs10098205	A	G	0.09	0.01	8.75E-14
rs146872709	G	T	0.17	0.02	8.76E-14
rs116431259	A	C	0.18	0.02	8.76E-14
rs181670618	G	C	0.18	0.02	8.77E-14
rs112326827	T	C	0.18	0.02	8.83E-14
rs115381681	A	G	0.18	0.02	8.86E-14
rs182226179	T	C	0.17	0.02	8.88E-14
rs553960207	A	G	0.2	0.02	8.90E-14
rs539881048	A	G	0.17	0.02	8.91E-14
rs147647837	T	C	0.09	0.01	8.94E-14
rs113911437	G	C	0.09	0.01	8.94E-14
rs531775765	G	A	0.18	0.02	8.95E-14
rs61677498	A	G	0.06	0.0083908	8.95E-14
rs74509195	G	T	0.17	0.02	8.97E-14
rs77472757	T	G	0.09	0.01	8.98E-14
rs141482351	G	A	0.24	0.03	8.98E-14
rs112536920	T	A	0.17	0.02	8.99E-14
rs189212805	A	G	0.64	0.08	9.00E-14
rs145546014	C	A	0.17	0.02	9.02E-14
rs115057395	A	C	0.18	0.02	9.07E-14
rs115311251	C	A	0.18	0.02	9.07E-14
rs147810747	G	C	0.18	0.02	9.08E-14
rs530549407	A	T	0.19	0.02	9.10E-14
rs182011681	A	C	0.19	0.02	9.11E-14

rs543262658	T	C	0.17	0.02	9.16E-14
rs576384161	C	G	0.18	0.02	9.17E-14
rs77079731	A	G	0.32	0.04	9.18E-14
rs375444970	T	C	0.15	0.02	9.19E-14
rs536510998	T	C	0.24	0.03	9.22E-14
rs190154269	T	C	0.17	0.02	9.22E-14
rs527711587	T	C	0.18	0.02	9.23E-14
rs117442532	A	G	0.19	0.02	9.26E-14
rs76361935	T	C	0.17	0.02	9.26E-14
rs13362785	A	C	0.06	0.0092116	9.27E-14
rs540789529	C	T	0.17	0.02	9.35E-14
rs139195368	C	T	0.18	0.02	9.36E-14
rs560208256	C	G	0.26	0.03	9.37E-14
rs146854489	A	G	0.09	0.01	9.37E-14
rs146054125	T	C	0.17	0.02	9.39E-14
rs144374345	T	G	0.22	0.03	9.39E-14
rs116313056	T	C	0.17	0.02	9.39E-14
rs147547635	G	A	0.17	0.02	9.40E-14
rs555084561	T	C	0.26	0.03	9.42E-14
rs116710035	G	A	0.18	0.02	9.45E-14
rs564107701	T	A	0.18	0.02	9.45E-14
rs144497242	G	A	0.18	0.02	9.47E-14
rs115050796	G	A	0.18	0.02	9.47E-14
rs138011648	A	G	0.18	0.02	9.51E-14
rs116260922	A	G	0.18	0.02	9.51E-14
rs138748124	C	G	0.14	0.02	9.52E-14
rs74602647	C	A	0.09	0.01	9.53E-14
rs539815744	A	C	0.18	0.02	9.53E-14
rs2428967	G	A	0.2	0.02	9.54E-14
rs112857176	A	G	0.25	0.03	9.57E-14
rs9846255	G	A	0.18	0.02	9.58E-14
rs6884901	A	G	0.18	0.02	9.59E-14
rs150914870	C	T	0.17	0.02	9.62E-14
rs74690474	A	T	0.19	0.02	9.63E-14
rs562721642	T	G	0.17	0.02	9.67E-14
rs73698731	T	C	0.15	0.02	9.67E-14
rs144499650	A	T	0.7	0.09	9.68E-14
rs145737546	C	T	0.17	0.02	9.68E-14
rs139879726	A	G	0.17	0.02	9.71E-14
rs116523688	T	C	0.19	0.02	9.71E-14
rs190101963	G	T	0.17	0.02	9.74E-14
rs150104688	G	C	0.18	0.02	9.74E-14
rs10977460	A	G	0.17	0.02	9.75E-14
rs115946217	T	C	0.17	0.02	9.75E-14
rs577582549	C	A	0.19	0.02	9.75E-14
rs186436453	G	A	0.18	0.02	9.77E-14
rs144540940	T	C	0.19	0.02	9.77E-14
rs145826659	C	G	0.17	0.02	9.80E-14
rs148296298	A	G	0.09	0.01	9.81E-14
rs148220540	G	T	0.17	0.02	9.82E-14
rs111547407	C	T	0.17	0.02	9.88E-14
rs115178899	T	A	5.73	0.77	9.89E-14
rs148634970	T	C	0.09	0.01	9.90E-14
rs115007296	G	A	0.18	0.02	9.93E-14
rs58908334	T	C	0.09	0.01	9.94E-14
rs114148187	T	C	0.18	0.02	1.00E-13
rs139848966	A	G	0.17	0.02	1.00E-13
rs188875163	G	C	0.31	0.04	1.00E-13
rs139072947	T	C	0.17	0.02	1.00E-13
rs550772137	T	C	0.18	0.02	1.00E-13
rs560698518	G	A	0.02	0.0031037	1.00E-13

rs28368032	T	A	0.17	0.02	1.00E-13
rs185145258	C	A	0.25	0.03	1.01E-13
rs144971608	T	C	0.17	0.02	1.01E-13
rs115203396	A	G	0.17	0.02	1.01E-13
rs151019380	A	G	0.17	0.02	1.01E-13
rs149206106	C	A	0.17	0.02	1.01E-13
rs140826630	G	C	0.28	0.03	1.02E-13
rs550062031	T	C	0.18	0.02	1.02E-13
rs115844900	C	T	0.19	0.02	1.02E-13
rs114706656	T	G	0.17	0.02	1.02E-13
rs146959105	T	C	0.19	0.02	1.02E-13
rs145363661	A	C	0.18	0.02	1.02E-13
rs80065441	G	A	1.72	0.23	1.02E-13
rs141698371	C	T	0.17	0.02	1.02E-13
rs190095893	G	C	0.17	0.02	1.03E-13
rs116323900	T	A	0.17	0.02	1.03E-13
rs72909847	T	C	0.17	0.02	1.03E-13
rs141814714	C	T	0.18	0.02	1.03E-13
rs529768731	T	A	0.09	0.01	1.03E-13
rs115366780	G	A	0.18	0.02	1.03E-13
rs76329180	T	C	0.22	0.03	1.03E-13
rs75972568	A	G	0.09	0.01	1.03E-13
rs115724056	G	A	0.17	0.02	1.03E-13
rs144107762	A	G	0.21	0.02	1.03E-13
rs139861574	T	C	0.17	0.02	1.03E-13
rs149754553	T	C	0.17	0.02	1.03E-13
rs575932186	T	C	0.09	0.01	1.04E-13
rs74849270	G	T	0.13	0.01	1.04E-13
rs143253588	G	T	0.17	0.02	1.04E-13
rs115434646	G	A	0.19	0.02	1.04E-13
rs189699127	A	G	0.18	0.02	1.04E-13
rs138827786	A	T	0.22	0.03	1.04E-13
rs575194954	G	A	0.21	0.02	1.04E-13
rs553097179	G	A	0.17	0.02	1.04E-13
rs115837928	G	T	0.18	0.02	1.04E-13
rs114091519	T	G	0.17	0.02	1.04E-13
rs114157631	T	A	0.17	0.02	1.05E-13
rs10113819	A	G	0.19	0.02	1.05E-13
rs144381659	A	G	0.18	0.02	1.05E-13
rs114459276	A	T	0.63	0.08	1.05E-13
rs183394291	A	C	0.63	0.08	1.05E-13
rs554813823	A	G	0.09	0.01	1.05E-13
rs543346954	C	T	0.18	0.02	1.05E-13
rs184110743	G	A	0.17	0.02	1.05E-13
rs116118670	C	G	0.19	0.02	1.06E-13
rs115169267	T	C	0.21	0.02	1.06E-13
rs116512008	T	C	0.16	0.02	1.06E-13
rs144378646	T	G	0.19	0.02	1.06E-13
rs79183025	C	T	0.19	0.02	1.06E-13
rs113790028	T	C	0.18	0.02	1.06E-13
rs150562841	G	A	0.19	0.02	1.07E-13
rs28569236	T	C	0.1	0.01	1.07E-13
rs188432970	G	A	0.17	0.02	1.07E-13
rs543343495	T	C	0.19	0.02	1.07E-13
rs143257970	T	C	0.36	0.04	1.07E-13
rs575670006	C	T	0.04	0.0063965	1.07E-13
rs111380271	T	C	0.17	0.02	1.08E-13
rs142132950	C	T	0.18	0.02	1.08E-13
rs139548582	A	G	0.17	0.02	1.08E-13
rs150997468	C	T	0.17	0.02	1.08E-13
rs151070602	C	T	0.32	0.04	1.08E-13

rs561629745	A	G	0.19	0.02	1.09E-13
rs187913510	G	A	0.18	0.02	1.09E-13
rs193281315	G	A	0.3	0.04	1.09E-13
rs528460111	T	C	0.17	0.02	1.09E-13
rs80023531	C	T	0.13	0.01	1.09E-13
rs181110915	G	A	0.19	0.02	1.09E-13
rs114790953	G	A	0.17	0.02	1.09E-13
rs115344468	G	A	0.16	0.02	1.09E-13
rs113820556	T	C	0.18	0.02	1.09E-13
rs115457647	C	A	0.18	0.02	1.09E-13
rs140021897	G	A	0.31	0.04	1.09E-13
rs542613135	T	C	0.17	0.02	1.09E-13
rs76343243	A	G	0.09	0.01	1.09E-13
rs79055577	A	G	0.17	0.02	1.09E-13
rs141720823	T	C	0.09	0.01	1.09E-13
rs145610778	G	A	0.18	0.02	1.09E-13
rs185150792	C	A	0.15	0.02	1.09E-13
rs144031939	A	G	0.17	0.02	1.09E-13
rs115797476	A	G	0.27	0.03	1.10E-13
rs140588694	A	C	0.17	0.02	1.1E-13
rs570435923	G	T	0.25	0.03	1.10E-13
rs116348319	C	T	0.22	0.02	1.10E-13
rs112127675	C	T	0.17	0.02	1.11E-13
rs73753401	C	T	0.06	0.0083516	1.11E-13
rs78763090	T	C	0.17	0.02	1.11E-13
rs143111212	T	C	0.36	0.04	1.11E-13
rs149340816	A	T	0.18	0.02	1.12E-13
rs116679035	T	G	0.18	0.02	1.12E-13
rs145764925	T	G	0.18	0.02	1.12E-13
rs142382609	A	G	0.18	0.02	1.12E-13
rs552541337	A	T	4.2	0.56	1.12E-13
rs144956621	C	G	0.17	0.02	1.13E-13
rs143966993	C	T	0.24	0.03	1.13E-13
rs112021580	T	C	0.17	0.02	1.13E-13
rs111939101	A	G	0.17	0.02	1.14E-13
rs74755360	T	C	0.18	0.02	1.14E-13
rs372799599	A	G	0.16	0.02	1.14E-13
rs148640520	G	T	0.17	0.02	1.14E-13
rs145781797	C	G	0.17	0.02	1.14E-13
rs150979776	G	C	0.18	0.02	1.15E-13
rs7621278	G	A	0.15	0.02	1.15E-13
rs150849497	A	G	0.17	0.02	1.15E-13
rs186154076	C	T	0.16	0.02	1.15E-13
rs146639672	A	G	0.17	0.02	1.15E-13
rs145553927	A	G	0.09	0.01	1.15E-13
rs558695048	T	G	0.16	0.02	1.15E-13
rs149317701	C	T	2.71	0.36	1.15E-13
rs148429325	C	T	0.18	0.02	1.16E-13
rs186084010	C	A	0.42	0.05	1.16E-13
rs551337457	G	A	0.17	0.02	1.16E-13
rs116695763	C	T	0.18	0.02	1.16E-13
rs188040557	C	T	0.07	0.01	1.16E-13
rs188623352	A	G	0.24	0.03	1.16E-13
rs183185920	G	T	0.17	0.02	1.16E-13
rs371792027	A	G	0.19	0.02	1.17E-13
rs139762484	A	G	0.18	0.02	1.17E-13
rs140679730	A	G	0.17	0.02	1.17E-13
rs148567758	T	C	0.17	0.02	1.17E-13
rs147570720	G	T	0.09	0.01	1.17E-13
rs28541499	G	A	0.17	0.02	1.17E-13
rs78744243	T	C	0.17	0.02	1.17E-13



rs114351588	G	A	0.17	0.02	1.17E-13
rs185098224	G	A	0.21	0.02	1.17E-13
rs573692736	G	A	0.27	0.03	1.17E-13
rs142146018	A	G	0.18	0.02	1.18E-13
rs533000468	A	G	0.27	0.03	1.18E-13
rs533287733	T	C	0.13	0.01	1.18E-13
rs77772538	A	G	0.17	0.02	1.18E-13
rs141555115	C	G	0.19	0.02	1.18E-13
rs573114384	A	G	0.17	0.02	1.18E-13
rs569404600	G	A	0.19	0.02	1.18E-13
rs564964363	A	G	0.32	0.04	1.18E-13
rs534605544	C	T	0.17	0.02	1.19E-13
rs140819782	C	A	0.09	0.01	1.19E-13
rs189039128	A	G	0.14	0.01	1.19E-13
rs534146090	T	C	0.18	0.02	1.20E-13
rs145973171	T	C	0.18	0.02	1.20E-13
rs115513685	T	G	0.17	0.02	1.20E-13
rs111898183	G	T	0.17	0.02	1.20E-13
rs181773048	C	T	0.28	0.03	1.20E-13
rs78949194	G	T	0.68	0.09	1.21E-13
rs6986311	A	G	0.09	0.01	1.21E-13
rs150996629	T	C	0.17	0.02	1.21E-13
rs183219647	A	G	0.19	0.02	1.21E-13
rs148853581	C	T	0.17	0.02	1.21E-13
rs574610777	A	G	0.2	0.02	1.21E-13
rs371745331	C	A	0.17	0.02	1.21E-13
rs542263243	C	T	0.18	0.02	1.22E-13
rs537914626	T	C	0.17	0.02	1.22E-13
rs111949369	C	T	0.18	0.02	1.22E-13
rs114805852	T	G	0.09	0.01	1.22E-13
rs142330473	C	T	0.08	0.01	1.22E-13
rs190237509	A	G	0.13	0.01	1.22E-13
rs569127223	C	T	0.27	0.03	1.22E-13
rs148861880	A	G	0.18	0.02	1.23E-13
rs191674167	C	T	0.49	0.06	1.23E-13
rs12001420	C	G	0.17	0.02	1.23E-13
rs28368028	G	A	0.17	0.02	1.23E-13
rs144636543	A	G	0.27	0.03	1.23E-13
rs116245547	A	T	0.57	0.07	1.23E-13
rs79315407	T	C	0.15	0.02	1.23E-13
rs541636634	A	G	0.17	0.02	1.23E-13
rs559859321	C	A	0.17	0.02	1.23E-13
rs565382328	T	C	0.21	0.02	1.23E-13
rs181037556	A	G	0.18	0.02	1.23E-13
rs189077994	G	A	0.17	0.02	1.24E-13
rs78913471	A	T	0.17	0.02	1.25E-13
rs555019404	C	A	0.18	0.02	1.25E-13
rs149614929	T	A	0.2	0.02	1.25E-13
rs551829009	T	C	0.18	0.02	1.25E-13
rs35384383	A	C	0.17	0.02	1.25E-13
rs116836861	A	C	0.17	0.02	1.25E-13
rs75624166	G	A	0.08	0.01	1.26E-13
rs114935751	T	A	0.19	0.02	1.26E-13
rs116320065	G	A	0.17	0.02	1.27E-13
rs140523405	T	G	0.18	0.02	1.27E-13
rs117333162	G	T	0.23	0.03	1.27E-13
rs193199512	G	A	0.18	0.02	1.27E-13
rs59954794	T	C	0.04	0.0063959	1.27E-13
rs116804599	T	C	0.16	0.02	1.27E-13
rs138260157	T	G	0.22	0.02	1.27E-13
rs115321729	G	A	0.14	0.02	1.28E-13

rs144933539	T	C	0.17	0.02	1.28E-13
rs150863301	G	A	0.17	0.02	1.28E-13
rs116182051	A	G	0.18	0.02	1.29E-13
rs189449311	A	G	0.18	0.02	1.29E-13
rs112041092	C	T	0.17	0.02	1.29E-13
rs140932069	A	G	0.24	0.03	1.29E-13
rs363684	C	T	0.17	0.02	1.29E-13
rs77451707	G	A	0.45	0.06	1.29E-13
rs28367327	C	T	0.22	0.03	1.29E-13
rs560562758	A	G	0.17	0.02	1.30E-13
rs564259068	T	C	0.07	0.0098414	1.30E-13
rs556215314	G	A	0.09	0.01	1.30E-13
rs146205425	C	A	0.17	0.02	1.30E-13
rs140915878	G	A	0.17	0.02	1.30E-13
rs73940110	C	G	0.18	0.02	1.31E-13
rs144334192	G	A	0.08	0.01	1.31E-13
rs76421876	A	G	0.08	0.01	1.31E-13
rs115241129	G	A	0.06	0.008328	1.31E-13
rs145056224	G	C	0.18	0.02	1.31E-13
rs141914459	A	G	0.18	0.02	1.31E-13
rs556288609	A	G	0.08	0.01	1.32E-13
rs77173210	G	T	0.09	0.01	1.32E-13
rs114064868	A	G	0.17	0.02	1.32E-13
rs139673183	G	A	0.17	0.02	1.33E-13
rs149438362	A	G	0.17	0.02	1.33E-13
rs140405940	C	A	0.18	0.02	1.33E-13
rs149337035	T	C	0.17	0.02	1.33E-13
rs138637311	G	A	0.17	0.02	1.33E-13
rs190359675	A	G	1.12	0.15	1.33E-13
rs546430426	C	T	0.19	0.02	1.33E-13
rs117496761	C	T	0.17	0.02	1.34E-13
rs374642040	G	A	0.17	0.02	1.34E-13
rs146869465	A	C	0.09	0.01	1.34E-13
rs142241944	G	A	0.08	0.01	1.34E-13
rs553913206	A	G	0.06	0.0085495	1.34E-13
rs7869285	C	A	0.17	0.02	1.34E-13
rs116190418	C	T	0.17	0.02	1.35E-13
rs370872940	A	C	0.18	0.02	1.35E-13
rs77452581	T	C	0.18	0.02	1.35E-13
rs149939703	A	G	0.17	0.02	1.35E-13
rs111420988	T	C	0.18	0.02	1.35E-13
rs192930163	C	T	0.17	0.02	1.36E-13
rs188117144	T	A	0.24	0.03	1.36E-13
rs73378970	T	C	0.17	0.02	1.36E-13
rs80032507	C	A	0.18	0.02	1.36E-13
rs149091080	A	G	0.08	0.01	1.36E-13
rs145589830	A	G	0.08	0.01	1.36E-13
rs12069585	T	G	0.17	0.02	1.36E-13
rs138857591	C	T	0.18	0.02	1.37E-13
rs142344840	T	C	0.17	0.02	1.37E-13
rs73756011	T	C	0.06	0.0083295	1.37E-13
rs186108711	G	A	0.2	0.02	1.38E-13
rs529020049	G	A	0.53	0.07	1.38E-13
rs150520661	G	A	0.17	0.02	1.38E-13
rs78420680	C	G	0.17	0.02	1.38E-13
rs59172797	C	T	0.11	0.01	1.38E-13
rs185151981	G	A	0.2	0.02	1.38E-13
rs144538844	C	T	0.17	0.02	1.39E-13
rs115181094	A	T	0.17	0.02	1.39E-13
rs116748194	A	G	0.17	0.02	1.39E-13
rs183604995	G	A	0.32	0.04	1.39E-13

rs560119710	C	G	0.22	0.03	1.39E-13
rs138900161	T	C	0.21	0.02	1.40E-13
rs118125844	A	G	0.08	0.01	1.40E-13
rs115364438	C	A	0.17	0.02	1.40E-13
rs183117666	T	C	0.17	0.02	1.40E-13
rs78361476	G	C	0.73	0.09	1.40E-13
rs149658619	A	G	0.17	0.02	1.40E-13
rs545650186	C	G	0.18	0.02	1.40E-13
rs144397508	A	G	0.93	0.12	1.40E-13
rs78642771	G	T	0.17	0.02	1.40E-13
rs115620531	C	T	0.2	0.02	1.40E-13
rs143439072	A	G	0.2	0.02	1.40E-13
rs73687070	A	G	0.11	0.01	1.41E-13
rs75410171	T	A	0.08	0.01	1.42E-13
rs138079704	T	A	0.32	0.04	1.42E-13
rs141326134	A	T	0.08	0.01	1.42E-13
rs146835008	T	C	0.17	0.02	1.42E-13
rs146476270	T	C	0.17	0.02	1.42E-13
rs545205153	C	A	0.17	0.02	1.42E-13
rs542495097	T	C	0.06	0.0086379	1.42E-13
rs76294373	C	T	0.17	0.02	1.42E-13
rs138271312	T	A	0.33	0.04	1.42E-13
rs146892216	A	T	0.17	0.02	1.43E-13
rs145421529	A	G	0.59	0.08	1.43E-13
rs73803486	A	G	0.17	0.02	1.43E-13
rs185616857	A	G	0.17	0.02	1.43E-13
rs74716795	G	A	0.09	0.01	1.43E-13
rs75643902	T	C	0.25	0.03	1.44E-13
rs116040306	T	A	0.08	0.01	1.44E-13
rs138321133	C	A	0.2	0.02	1.44E-13
rs143425230	C	T	0.18	0.02	1.44E-13
rs558739541	T	C	0.27	0.03	1.44E-13
rs74725082	G	A	0.17	0.02	1.45E-13
rs546145427	T	C	0.17	0.02	1.45E-13
rs141269406	T	G	0.17	0.02	1.45E-13
rs184470423	A	G	0.17	0.02	1.45E-13
rs113918123	G	T	0.17	0.02	1.46E-13
rs181659055	A	G	0.17	0.02	1.46E-13
rs78107777	C	T	0.08	0.01	1.46E-13
rs745551096	T	C	0.02	0.0033237	1.46E-13
rs138137375	A	G	0.09	0.01	1.46E-13
rs112389132	A	G	0.22	0.03	1.47E-13
rs140046365	A	G	0.27	0.03	1.47E-13
rs114320906	A	T	0.17	0.02	1.48E-13
rs530400244	T	C	0.07	0.01	1.48E-13
rs74801201	C	A	0.58	0.07	1.48E-13
rs544527438	C	T	0.17	0.02	1.48E-13
rs527489667	A	T	0.19	0.02	1.48E-13
rs143114748	T	C	0.08	0.01	1.48E-13
rs140709225	C	G	0.08	0.01	1.48E-13
rs573290477	G	A	0.35	0.04	1.49E-13
rs146158154	G	A	0.17	0.02	1.49E-13
rs78549621	T	G	0.17	0.02	1.49E-13
rs75724132	A	C	0.18	0.02	1.49E-13
rs191396118	T	G	0.18	0.02	1.50E-13
rs558636160	T	G	0.17	0.02	1.50E-13
rs187601635	A	C	0.17	0.02	1.51E-13
rs377321999	C	T	0.18	0.02	1.51E-13
rs140110289	C	T	0.17	0.02	1.51E-13
rs372735254	T	G	0.17	0.02	1.51E-13
rs76851964	T	C	0.18	0.02	1.51E-13

rs137938462	C	T	0.08	0.01	1.51E-13
rs139134441	G	A	0.17	0.02	1.52E-13
rs75487041	T	G	0.23	0.03	1.52E-13
rs147381510	A	T	0.15	0.02	1.52E-13
rs73805484	A	G	0.17	0.02	1.52E-13
rs544625941	G	A	0.25	0.03	1.52E-13
rs542640079	G	C	0.18	0.02	1.52E-13
rs138206523	A	G	0.17	0.02	1.53E-13
rs533667278	T	C	0.17	0.02	1.53E-13
rs186267470	G	A	0.06	0.0090873	1.53E-13
rs536301428	A	G	3.29	0.44	1.53E-13
rs149538499	C	G	0.16	0.02	1.53E-13
rs10233167	C	T	0.17	0.02	1.54E-13
rs144759307	T	C	0.09	0.01	1.54E-13
rs75637766	A	G	0.17	0.02	1.54E-13
rs74634593	C	T	0.17	0.02	1.54E-13
rs146445814	T	C	0.2	0.02	1.54E-13
rs146407117	A	G	0.17	0.02	1.54E-13
rs78190551	G	A	0.17	0.02	1.54E-13
rs142290519	A	G	0.17	0.02	1.54E-13
rs147575285	T	G	0.17	0.02	1.54E-13
rs151119854	A	G	0.17	0.02	1.55E-13
rs551358026	A	T	0.22	0.03	1.55E-13
3:39933389_A_G	G	A	0.04	0.0062719	1.55E-13
rs146997701	T	C	0.17	0.02	1.55E-13
rs77340426	G	C	0.17	0.02	1.55E-13
rs565176511	A	G	0.17	0.02	1.55E-13
rs113430382	C	T	0.19	0.02	1.55E-13
rs114577106	A	G	0.17	0.02	1.56E-13
rs140178037	T	C	0.17	0.02	1.56E-13
rs79017164	C	T	0.17	0.02	1.56E-13
rs111685567	G	C	0.22	0.03	1.57E-13
rs146905352	T	C	0.09	0.01	1.57E-13
rs560494139	A	C	0.18	0.02	1.57E-13
rs112219952	G	A	0.21	0.02	1.57E-13
rs114268263	G	A	5.66	0.76	1.57E-13
rs116763928	C	T	0.17	0.02	1.57E-13
rs148639738	A	T	0.19	0.02	1.58E-13
rs149646152	A	G	0.35	0.04	1.58E-13
rs57562025	C	G	0.17	0.02	1.58E-13
rs545831528	T	C	0.26	0.03	1.58E-13
rs150805123	A	T	0.17	0.02	1.58E-13
rs138589174	C	T	0.17	0.02	1.59E-13
rs535349846	A	C	0.05	0.0080984	1.59E-13
rs71422194	A	G	0.17	0.02	1.59E-13
rs187501532	T	A	0.17	0.02	1.59E-13
rs150810635	A	G	0.2	0.02	1.59E-13
rs75794931	A	G	0.17	0.02	1.59E-13
9:105896445_G_A	A	G	0.27	0.03	1.59E-13
rs569205745	T	C	0.26	0.03	1.59E-13
rs147690733	C	G	0.17	0.02	1.59E-13
rs149845219	A	T	0.17	0.02	1.60E-13
rs147356913	G	C	0.17	0.02	1.60E-13
rs190929469	A	T	0.06	0.0081667	1.60E-13
rs372689301	T	C	0.17	0.02	1.60E-13
rs111817170	A	T	0.17	0.02	1.60E-13
rs114319923	C	G	0.17	0.02	1.60E-13
rs28516824	A	G	0.17	0.02	1.61E-13
rs192036998	A	G	0.17	0.02	1.61E-13
rs188087968	A	C	0.17	0.02	1.61E-13
rs141659730	C	T	0.17	0.02	1.61E-13

rs75922788	T	C	0.17	0.02	1.62E-13
rs373610701	C	T	0.22	0.03	1.62E-13
rs149056566	A	G	0.12	0.01	1.62E-13
rs76339392	T	C	0.17	0.02	1.62E-13
rs143553723	C	G	0.17	0.02	1.62E-13
rs371972885	A	C	0.17	0.02	1.63E-13
rs114205452	C	T	0.06	0.0092545	1.63E-13
rs113704757	A	G	0.18	0.02	1.63E-13
rs145158411	T	A	0.08	0.01	1.63E-13
rs6689830	C	G	0.18	0.02	1.63E-13
rs138949974	G	A	0.18	0.02	1.63E-13
rs141671484	C	G	0.17	0.02	1.63E-13
rs141324557	T	A	0.17	0.02	1.64E-13
rs148996373	C	T	0.17	0.02	1.64E-13
rs2936820	C	T	0.07	0.0097023	1.64E-13
rs146555273	C	A	0.08	0.01	1.64E-13
rs191892981	T	C	0.13	0.01	1.65E-13
rs145812049	A	G	0.16	0.02	1.65E-13
rs111997650	G	A	0.19	0.02	1.65E-13
rs141288184	C	T	0.17	0.02	1.66E-13
rs143862585	G	A	0.17	0.02	1.66E-13
rs186315134	A	G	0.18	0.02	1.66E-13
rs116768142	T	C	0.17	0.02	1.66E-13
rs143280467	G	T	0.18	0.02	1.66E-13
rs137923202	C	T	0.17	0.02	1.67E-13
rs75674115	C	T	0.18	0.02	1.67E-13
rs142510290	G	A	0.17	0.02	1.67E-13
rs773739485	G	A	0.07	0.01	1.68E-13
rs558033092	G	T	0.17	0.02	1.68E-13
rs9812019	T	C	0.16	0.02	1.69E-13
rs576637934	G	A	0.17	0.02	1.69E-13
rs145480455	C	T	0.17	0.02	1.69E-13
rs189486494	A	G	0.17	0.02	1.69E-13
rs565555924	T	C	0.17	0.02	1.69E-13
rs141284111	A	T	0.17	0.02	1.69E-13
rs73091725	A	C	0.17	0.02	1.70E-13
rs180729190	C	T	0.17	0.02	1.70E-13
rs75991666	A	C	0.17	0.02	1.70E-13
rs528827618	G	A	0.17	0.02	1.70E-13
rs74576529	A	C	0.17	0.02	1.70E-13
rs114325973	A	C	0.17	0.02	1.71E-13
rs138674978	A	G	0.17	0.02	1.71E-13
rs115646442	A	G	0.2	0.02	1.71E-13
rs183726865	G	C	0.17	0.02	1.71E-13
rs192462104	A	G	0.17	0.02	1.71E-13
rs141280082	C	T	0.17	0.02	1.71E-13
rs141854376	T	C	0.17	0.02	1.71E-13
rs183916703	T	C	0.17	0.02	1.71E-13
rs184287051	T	C	0.08	0.01	1.72E-13
rs183664849	A	C	0.17	0.02	1.72E-13
rs114458878	A	G	0.17	0.02	1.72E-13
rs145752074	G	C	0.17	0.02	1.72E-13
rs77080430	G	C	0.17	0.02	1.73E-13
rs149048644	A	T	0.16	0.02	1.73E-13
rs118174112	T	C	0.17	0.02	1.73E-13
rs587685319	C	T	0.08	0.01	1.73E-13
rs188710877	G	A	0.08	0.01	1.74E-13
rs116024381	T	G	0.17	0.02	1.74E-13
rs143312193	C	T	0.23	0.03	1.74E-13
rs140644957	T	C	0.17	0.02	1.74E-13
rs186652667	C	T	0.17	0.02	1.74E-13

rs77989736	C	G	0.15	0.02	1.74E-13
rs180698850	T	C	0.17	0.02	1.75E-13
rs143400282	T	C	0.18	0.02	1.75E-13
rs144164080	C	T	0.17	0.02	1.75E-13
rs77536072	A	G	0.24	0.03	1.75E-13
rs533755622	T	A	0.17	0.02	1.75E-13
rs114635598	A	G	0.17	0.02	1.75E-13
rs114971400	A	C	0.09	0.01	1.75E-13
rs73698736	A	G	0.15	0.02	1.75E-13
rs150066501	C	A	0.17	0.02	1.76E-13
rs527858856	T	C	0.17	0.02	1.76E-13
rs142973171	G	A	0.16	0.02	1.76E-13
rs116584915	C	T	0.17	0.02	1.76E-13
rs569962655	G	T	0.17	0.02	1.76E-13
rs138362708	G	C	0.17	0.02	1.76E-13
rs532992233	G	A	0.17	0.02	1.76E-13
rs147831703	G	A	0.17	0.02	1.76E-13
rs368142994	T	C	0.34	0.04	1.77E-13
rs764161184	G	T	0.03	0.0043683	1.77E-13
rs139506396	A	G	0.07	0.01	1.77E-13
rs192845384	G	A	0.11	0.01	1.77E-13
rs777083367	C	A	0.04	0.0067249	1.77E-13
rs190405777	A	G	0.09	0.01	1.77E-13
rs143931885	T	A	0.17	0.02	1.78E-13
rs76158063	A	G	0.17	0.02	1.78E-13
rs560636199	T	C	0.27	0.03	1.78E-13
rs115835391	A	G	0.17	0.02	1.79E-13
rs532864869	T	C	0.17	0.02	1.80E-13
rs549432066	A	C	0.17	0.02	1.80E-13
rs12163753	C	G	0.17	0.02	1.80E-13
rs12163907	G	C	0.17	0.02	1.80E-13
rs116052664	C	T	0.17	0.02	1.80E-13
rs148015501	C	T	0.17	0.02	1.80E-13
rs140257633	C	T	0.17	0.02	1.80E-13
rs181963616	G	T	0.17	0.02	1.80E-13
rs191398384	G	A	0.17	0.02	1.80E-13
rs138033601	T	G	0.08	0.01	1.81E-13
rs554345468	G	A	0.17	0.02	1.81E-13
rs2271711	C	G	0.18	0.02	1.81E-13
rs75638771	T	C	0.17	0.02	1.81E-13
rs543681718	G	T	0.17	0.02	1.82E-13
rs558179604	G	A	0.21	0.02	1.82E-13
rs147896026	G	C	0.17	0.02	1.82E-13
rs79400585	C	T	0.06	0.0082921	1.82E-13
rs143934002	G	T	0.17	0.02	1.83E-13
rs116130849	A	C	0.17	0.02	1.83E-13
rs138670425	G	A	0.17	0.02	1.83E-13
rs564831256	G	T	0.17	0.02	1.83E-13
rs141200319	A	G	0.17	0.02	1.84E-13
rs141660460	G	A	0.49	0.06	1.84E-13
rs79338202	T	C	0.17	0.02	1.84E-13
rs144770745	T	C	0.17	0.02	1.84E-13
rs147348881	T	A	0.2	0.02	1.84E-13
rs76711659	A	G	0.14	0.02	1.84E-13
rs145346142	T	G	0.17	0.02	1.85E-13
rs147860152	T	C	0.17	0.02	1.85E-13
rs143734994	A	C	0.17	0.02	1.85E-13
rs141506091	G	C	0.17	0.02	1.85E-13
rs150652209	A	G	0.17	0.02	1.85E-13
rs143030955	G	A	0.17	0.02	1.86E-13
rs140170093	T	C	0.18	0.02	1.86E-13

rs79451600	G	A	0.19	0.02	1.86E-13
rs140212902	T	C	0.18	0.02	1.86E-13
rs545217518	G	A	0.17	0.02	1.86E-13
rs150184084	G	C	0.17	0.02	1.86E-13
rs182946182	T	C	0.08	0.01	1.87E-13
rs138411032	C	T	0.17	0.02	1.87E-13
rs139404844	T	C	0.17	0.02	1.87E-13
rs576935738	G	A	0.18	0.02	1.87E-13
rs76197156	C	A	0.17	0.02	1.87E-13
rs115335214	G	A	0.17	0.02	1.87E-13
rs149321163	A	G	0.17	0.02	1.88E-13
rs145391939	T	C	0.17	0.02	1.88E-13
rs547907506	T	C	0.07	0.01	1.89E-13
rs116096376	A	T	0.17	0.02	1.89E-13
rs567241844	C	G	0.18	0.02	1.89E-13
rs143041607	T	C	0.08	0.01	1.89E-13
rs116731651	A	G	0.72	0.09	1.90E-13
rs147740670	C	T	0.17	0.02	1.90E-13
rs143994718	T	A	0.16	0.02	1.90E-13
rs189990318	C	A	0.09	0.01	1.90E-13
rs116661864	T	C	0.17	0.02	1.91E-13
rs79586156	T	A	0.2	0.02	1.91E-13
rs146700824	A	G	0.17	0.02	1.91E-13
rs185980858	G	C	0.08	0.01	1.91E-13
rs528431372	C	T	0.17	0.02	1.92E-13
rs76798920	C	G	0.17	0.02	1.92E-13
rs539171159	T	C	0.17	0.02	1.92E-13
rs142066905	A	G	0.55	0.07	1.92E-13
rs148894815	G	T	0.17	0.02	1.92E-13
rs374038446	G	T	0.17	0.02	1.92E-13
rs113785630	G	T	0.06	0.0088902	1.93E-13
rs75662509	G	T	0.1	0.01	1.94E-13
rs571112801	A	G	0.13	0.01	1.94E-13
rs190061106	A	G	0.17	0.02	1.94E-13
rs148643810	A	G	0.17	0.02	1.94E-13
rs78656201	T	G	0.17	0.02	1.94E-13
rs535356255	A	C	0.13	0.01	1.94E-13
rs574196614	C	T	0.16	0.02	1.95E-13
rs115613011	C	T	0.17	0.02	1.95E-13
rs145712907	T	G	0.33	0.04	1.95E-13
rs114017939	T	C	0.17	0.02	1.95E-13
rs75801756	C	T	0.12	0.01	1.95E-13
rs149952614	G	A	0.53	0.07	1.95E-13
rs73101558	A	G	0.17	0.02	1.96E-13
rs571959159	A	G	0.17	0.02	1.96E-13
rs116599183	T	C	0.17	0.02	1.96E-13
rs151222583	G	C	0.3	0.04	1.96E-13
rs116491476	A	G	0.17	0.02	1.96E-13
rs140444124	A	T	0.16	0.02	1.96E-13
rs10264246	C	A	0.17	0.02	1.97E-13
rs112330788	G	A	0.17	0.02	1.97E-13
rs149882940	G	T	0.17	0.02	1.98E-13
rs112596299	A	G	0.08	0.01	1.99E-13
rs148813122	A	T	0.17	0.02	1.99E-13
rs112392851	C	T	0.17	0.02	1.99E-13
rs137985836	A	G	0.17	0.02	1.99E-13
rs147642924	G	A	0.13	0.01	1.99E-13
rs550585166	G	A	0.21	0.02	1.99E-13
rs150478179	T	C	0.23	0.03	2.00E-13
rs116818649	C	T	0.17	0.02	2.00E-13
rs540287863	T	C	0.25	0.03	2.00E-13

rs368425648	C	G	0.22	0.03	2.00E-13
rs374220482	G	A	0.22	0.03	2.00E-13
rs116444435	G	A	0.17	0.02	2.00E-13
rs3010418	G	A	0.17	0.02	2.01E-13
rs145197481	G	C	0.08	0.01	2.01E-13
rs144671122	A	G	0.08	0.01	2.01E-13
rs115819978	G	T	0.17	0.02	2.01E-13
rs145803697	G	A	0.2	0.02	2.02E-13
rs536696835	G	A	0.17	0.02	2.02E-13
rs138234164	G	A	0.08	0.01	2.02E-13
rs111736253	A	C	0.17	0.02	2.03E-13
rs115504356	A	G	0.18	0.02	2.03E-13
rs554617581	A	C	0.16	0.02	2.04E-13
rs114888232	T	G	0.17	0.02	2.04E-13
rs148344858	A	G	0.24	0.03	2.04E-13
rs562841359	G	T	0.2	0.02	2.05E-13
rs181246587	T	C	0.17	0.02	2.05E-13
rs80186375	T	C	0.17	0.02	2.06E-13
rs16915249	C	T	0.08	0.01	2.06E-13
rs538878751	T	C	0.12	0.01	2.06E-13
rs74904844	T	G	0.08	0.01	2.06E-13
rs368890239	C	T	0.2	0.02	2.06E-13
rs143897048	C	G	0.17	0.02	2.06E-13
rs180825540	G	A	0.17	0.02	2.06E-13
rs142189314	A	C	0.08	0.01	2.07E-13
rs552427453	A	G	0.08	0.01	2.07E-13
rs10234520	G	A	-0.16	0.02	2.07E-13
rs73119160	A	G	0.17	0.02	2.07E-13
rs116346480	A	T	0.17	0.02	2.08E-13
rs76615506	G	T	0.17	0.02	2.08E-13
rs115180199	C	T	0.17	0.02	2.08E-13
rs143949823	C	T	0.17	0.02	2.08E-13
rs74457630	A	G	0.12	0.01	2.09E-13
rs140440652	G	A	0.06	0.0084287	2.09E-13
rs140515194	A	C	0.2	0.02	2.09E-13
rs147359247	A	G	0.17	0.02	2.10E-13
rs16915253	T	C	0.08	0.01	2.10E-13
rs140121234	G	C	0.08	0.01	2.10E-13
rs79371530	C	G	0.17	0.02	2.11E-13
rs528085219	C	T	0.08	0.01	2.11E-13
rs144294158	A	G	0.08	0.01	2.11E-13
rs375073290	A	G	0.17	0.02	2.11E-13
rs79442466	A	G	0.17	0.02	2.11E-13
rs187921643	A	G	0.17	0.02	2.11E-13
rs114482788	C	T	0.17	0.02	2.12E-13
rs373618833	T	G	0.2	0.02	2.12E-13
rs150436062	C	T	0.18	0.02	2.12E-13
rs373415180	T	C	0.2	0.02	2.12E-13
rs372779628	T	C	0.17	0.02	2.12E-13
rs114688382	C	T	0.17	0.02	2.13E-13
rs75155871	A	G	0.17	0.02	2.13E-13
rs148059490	G	A	0.17	0.02	2.14E-13
rs116447207	C	G	0.17	0.02	2.14E-13
rs147711123	G	A	2.08	0.28	2.15E-13
rs140072783	G	A	0.15	0.02	2.15E-13
rs150176301	C	T	0.24	0.03	2.15E-13
rs150321073	G	T	0.15	0.02	2.15E-13
rs80030923	A	G	0.12	0.01	2.15E-13
rs16873973	C	G	0.17	0.02	2.16E-13
rs139172783	T	C	0.17	0.02	2.16E-13
rs143495101	A	C	0.17	0.02	2.16E-13



rs112517016	A	G	0.17	0.02	2.17E-13
rs115437367	C	T	0.17	0.02	2.17E-13
rs115099811	A	G	0.17	0.02	2.18E-13
rs144676887	A	G	0.17	0.02	2.18E-13
rs147069521	C	A	0.17	0.02	2.18E-13
rs144566586	C	A	0.15	0.02	2.18E-13
rs139988740	A	G	0.24	0.03	2.18E-13
rs75334360	A	C	0.17	0.02	2.19E-13
rs116563398	A	G	0.17	0.02	2.19E-13
rs187278600	G	T	0.12	0.01	2.19E-13
rs6986701	T	C	0.08	0.01	2.20E-13
rs78874470	T	C	0.09	0.01	2.20E-13
rs370389513	C	G	0.17	0.02	2.20E-13
rs138647996	G	A	0.17	0.02	2.21E-13
rs191073757	A	C	0.18	0.02	2.22E-13
rs145315356	G	A	0.08	0.01	2.22E-13
rs138424100	A	G	0.18	0.02	2.22E-13
rs77392524	C	T	0.17	0.02	2.22E-13
rs115918633	C	T	0.17	0.02	2.22E-13
rs138685965	T	A	0.21	0.02	2.23E-13
rs552512425	A	G	0.18	0.02	2.23E-13
rs114937737	G	A	0.17	0.02	2.23E-13
rs145816914	T	A	0.22	0.03	2.24E-13
rs145725355	G	A	0.15	0.02	2.24E-13
rs17250260	G	A	0.05	0.0075093	2.24E-13
rs188711364	G	T	0.22	0.03	2.24E-13
rs116069363	G	A	0.17	0.02	2.25E-13
rs28407667	C	T	0.17	0.02	2.25E-13
rs529383371	C	T	0.17	0.02	2.26E-13
rs74523299	C	T	0.17	0.02	2.26E-13
rs567486396	C	T	0.07	0.0097935	2.26E-13
rs537852354	A	G	0.17	0.02	2.26E-13
rs181302701	T	C	0.21	0.02	2.27E-13
rs142887510	C	T	0.08	0.01	2.27E-13
rs115535153	G	A	0.1	0.01	2.27E-13
rs531070145	A	G	0.18	0.02	2.28E-13
rs114374314	T	G	0.16	0.02	2.29E-13
rs587628137	C	G	0.31	0.04	2.29E-13
rs77681301	T	C	0.16	0.02	2.30E-13
rs149200158	G	C	0.17	0.02	2.30E-13
rs61563999	T	C	0.17	0.02	2.32E-13
rs147332889	G	T	0.18	0.02	2.32E-13
rs146228631	T	C	0.2	0.02	2.32E-13
rs560687309	G	T	0.18	0.02	2.32E-13
rs111609645	T	C	0.2	0.02	2.32E-13
rs180840327	T	C	1.48	0.2	2.33E-13
rs140160491	C	T	0.19	0.02	2.33E-13
rs10178749	T	C	0.17	0.02	2.33E-13
rs181408210	C	T	0.16	0.02	2.33E-13
rs150645379	A	G	0.3	0.04	2.34E-13
rs577841853	A	C	0.17	0.02	2.34E-13
rs113087660	G	T	0.18	0.02	2.34E-13
rs552109443	G	A	0.17	0.02	2.34E-13
rs73691833	T	C	0.07	0.009843	2.34E-13
rs142013208	T	A	0.17	0.02	2.34E-13
rs77911965	A	G	0.09	0.01	2.35E-13
rs144105215	A	C	0.17	0.02	2.35E-13
rs144310998	C	A	0.17	0.02	2.35E-13
rs148744322	T	G	0.17	0.02	2.35E-13
rs547855075	T	C	0.15	0.02	2.36E-13
rs116770314	G	A	0.17	0.02	2.37E-13

rs556466389	A	G	0.17	0.02	2.38E-13
rs150396254	A	C	0.17	0.02	2.38E-13
rs555444442	T	C	0.17	0.02	2.38E-13
rs149493926	C	T	0.17	0.02	2.38E-13
rs10504298	A	G	0.09	0.01	2.38E-13
rs77666673	T	G	0.17	0.02	2.38E-13
rs140383402	T	G	0.17	0.02	2.38E-13
rs536773050	A	G	0.24	0.03	2.39E-13
rs572683813	G	A	3.41	0.46	2.39E-13
rs10263982	C	A	0.17	0.02	2.40E-13
rs182169166	G	A	0.17	0.02	2.40E-13
rs549649570	G	A	0.19	0.02	2.41E-13
rs28957368	T	C	0.34	0.04	2.41E-13
rs146005150	T	C	0.15	0.02	2.42E-13
rs144709351	C	T	0.13	0.01	2.42E-13
rs148859495	A	C	0.22	0.03	2.42E-13
rs145664479	C	A	0.17	0.02	2.42E-13
rs142770400	C	T	0.55	0.07	2.43E-13
rs73809406	T	C	0.12	0.01	2.43E-13
rs138924852	A	G	0.17	0.02	2.43E-13
rs149813429	T	C	0.16	0.02	2.43E-13
rs113163729	C	A	0.05	0.0080357	2.43E-13
rs558092616	A	G	0.17	0.02	2.43E-13
rs138693202	C	T	0.19	0.02	2.43E-13
rs4448220	C	G	-0.16	0.02	2.44E-13
rs6954934	C	T	-0.16	0.02	2.44E-13
rs116592527	T	C	0.17	0.02	2.44E-13
rs141099262	T	C	0.17	0.02	2.45E-13
rs564212016	T	C	0.2	0.02	2.45E-13
rs79030299	A	G	0.17	0.02	2.45E-13
rs147222308	A	G	0.17	0.02	2.45E-13
rs140412609	G	C	3.16	0.43	2.46E-13
rs142031550	A	G	0.17	0.02	2.46E-13
rs77366432	A	T	0.17	0.02	2.46E-13
rs138890080	G	A	0.17	0.02	2.47E-13
rs114794767	G	T	0.17	0.02	2.47E-13
rs142265326	T	C	0.16	0.02	2.48E-13
rs115859684	T	C	0.17	0.02	2.49E-13
rs56258810	A	G	0.11	0.01	2.49E-13
rs114748871	A	G	0.22	0.03	2.49E-13
rs149464010	T	A	0.18	0.02	2.49E-13
rs561580192	T	C	0.18	0.02	2.49E-13
rs73756517	T	A	0.06	0.0083762	2.49E-13
rs114016044	T	C	0.17	0.02	2.50E-13
rs77073988	C	T	0.17	0.02	2.50E-13
rs115135787	A	T	0.18	0.02	2.50E-13
rs150205427	C	T	0.18	0.02	2.50E-13
rs115988231	T	C	0.17	0.02	2.50E-13
rs78867285	A	G	0.31	0.04	2.51E-13
rs375937618	A	G	0.11	0.01	2.52E-13
rs189968502	T	C	0.09	0.01	2.52E-13
rs143497518	A	G	0.17	0.02	2.53E-13
rs142589671	C	T	0.17	0.02	2.53E-13
rs114028886	G	A	0.17	0.02	2.53E-13
rs149645484	A	G	0.17	0.02	2.54E-13
rs75393053	A	G	0.17	0.02	2.54E-13
rs141332519	T	C	0.17	0.02	2.54E-13
rs145121282	G	A	0.17	0.02	2.54E-13
rs140498500	T	C	0.09	0.01	2.55E-13
rs114772627	A	T	0.35	0.04	2.55E-13
rs540098254	T	G	0.16	0.02	2.55E-13

rs145245960	A	G	0.17	0.02	2.56E-13
rs564028250	C	G	0.16	0.02	2.57E-13
rs142691133	G	A	0.17	0.02	2.57E-13
rs72872803	T	C	0.17	0.02	2.59E-13
rs111780006	A	G	0.28	0.03	2.61E-13
rs115892590	T	C	0.18	0.02	2.61E-13
rs113520078	C	T	0.17	0.02	2.62E-13
rs181895343	T	C	0.17	0.02	2.62E-13
rs145035055	A	G	0.17	0.02	2.62E-13
rs115377783	A	G	0.17	0.02	2.62E-13
rs116795743	A	G	0.22	0.03	2.62E-13
rs137890865	A	G	0.17	0.02	2.62E-13
rs148777201	G	A	0.17	0.02	2.62E-13
rs116514545	A	G	0.22	0.03	2.62E-13
rs143532936	A	G	0.17	0.02	2.63E-13
rs143675025	C	T	0.17	0.02	2.63E-13
rs372607712	A	G	0.18	0.02	2.63E-13
rs375844175	C	T	0.18	0.02	2.63E-13
rs10060523	C	T	0.17	0.02	2.63E-13
rs115149364	T	G	0.24	0.03	2.63E-13
rs150184940	C	G	0.16	0.02	2.64E-13
rs118115406	A	G	0.17	0.02	2.64E-13
rs115966326	C	A	0.17	0.02	2.64E-13
rs147920156	C	T	0.17	0.02	2.64E-13
rs192901233	A	G	0.18	0.02	2.64E-13
rs1282952	A	G	0.07	0.0096972	2.65E-13
rs143036083	T	C	1.21	0.16	2.65E-13
rs189219406	A	G	0.17	0.02	2.65E-13
rs373472391	T	G	0.24	0.03	2.66E-13
rs78047450	G	A	0.17	0.02	2.66E-13
rs140300579	T	C	0.17	0.02	2.68E-13
rs566817102	A	C	0.25	0.03	2.68E-13
rs114779763	C	T	0.17	0.02	2.68E-13
rs146813575	T	G	0.16	0.02	2.69E-13
rs191479601	G	C	0.21	0.02	2.70E-13
rs587636516	C	T	0.34	0.04	2.71E-13
rs112900614	G	A	0.17	0.02	2.71E-13
rs181820248	A	G	0.17	0.02	2.71E-13
rs79560852	T	C	0.17	0.02	2.71E-13
rs374993221	G	T	0.22	0.03	2.72E-13
rs544531690	C	G	0.18	0.02	2.72E-13
rs77055112	G	T	0.18	0.02	2.72E-13
rs146399276	G	A	0.18	0.02	2.73E-13
rs73290334	A	G	0.09	0.01	2.74E-13
rs139564583	A	C	0.17	0.02	2.74E-13
rs185341992	T	C	0.18	0.02	2.74E-13
rs112375189	C	T	0.17	0.02	2.77E-13
rs111992558	C	T	0.13	0.01	2.78E-13
rs149371445	C	T	0.17	0.02	2.78E-13
rs562851327	G	C	0.08	0.01	2.78E-13
rs77601267	T	C	0.17	0.02	2.78E-13
rs72968950	A	G	0.13	0.01	2.78E-13
rs571082426	T	C	0.17	0.02	2.79E-13
rs146338847	A	G	0.17	0.02	2.80E-13
rs143532168	G	A	0.16	0.02	2.80E-13
rs114765217	T	C	0.08	0.01	2.80E-13
rs559655668	T	C	0.17	0.02	2.81E-13
rs539497043	C	A	0.17	0.02	2.82E-13
rs115233917	T	G	0.08	0.01	2.82E-13
rs144325493	T	C	0.17	0.02	2.82E-13
rs553022500	G	A	0.17	0.02	2.83E-13

rs572408782	C	T	0.05	0.0076515	2.83E-13
rs191847652	T	A	1.65	0.22	2.83E-13
rs552334774	G	A	0.19	0.02	2.85E-13
rs183019535	C	A	0.17	0.02	2.86E-13
rs114656874	G	A	0.17	0.02	2.86E-13
rs7875169	G	T	0.17	0.02	2.86E-13
rs140656044	C	T	0.16	0.02	2.86E-13
rs145068147	A	G	0.17	0.02	2.87E-13
rs142453611	G	A	0.12	0.01	2.87E-13
rs149367918	A	G	0.17	0.02	2.89E-13
rs114451482	T	C	0.17	0.02	2.89E-13
rs142126101	C	T	0.16	0.02	2.89E-13
rs75041657	T	C	0.08	0.01	2.89E-13
rs139270840	C	G	0.24	0.03	2.89E-13
rs190304375	T	C	0.2	0.02	2.89E-13
rs74654681	A	G	0.17	0.02	2.89E-13
rs143166576	C	T	0.18	0.02	2.90E-13
rs142276379	T	A	0.17	0.02	2.90E-13
rs149890086	G	C	0.21	0.02	2.91E-13
rs577580189	A	T	0.19	0.02	2.91E-13
rs16851588	A	G	0.19	0.02	2.92E-13
rs373026867	T	C	0.08	0.01	2.92E-13
rs4150466	A	G	0.14	0.02	2.93E-13
rs80022702	C	T	0.17	0.02	2.93E-13
rs75366837	A	G	0.22	0.03	2.94E-13
rs140293307	A	G	0.17	0.02	2.94E-13
rs13406514	T	G	0.17	0.02	2.94E-13
rs113247832	C	T	0.17	0.02	2.97E-13
rs113503462	A	G	0.17	0.02	2.97E-13
rs115703751	G	T	0.16	0.02	2.97E-13
rs113384831	A	G	0.16	0.02	2.97E-13
rs79013241	T	C	0.17	0.02	2.98E-13
rs112841356	A	G	0.17	0.02	2.98E-13
rs112771774	G	C	0.17	0.02	2.98E-13
rs192529608	T	G	0.17	0.02	2.98E-13
rs147378786	A	G	0.17	0.02	2.99E-13
rs150454542	T	G	0.16	0.02	2.99E-13
rs78182029	G	T	0.17	0.02	2.99E-13
rs78219389	C	T	0.17	0.02	3.01E-13
rs575050985	T	C	0.35	0.04	3.02E-13
rs143812105	A	T	0.22	0.03	3.03E-13
rs138299116	C	T	0.17	0.02	3.04E-13
rs114120330	A	G	0.17	0.02	3.04E-13
rs544737401	A	G	0.17	0.02	3.04E-13
rs115762499	G	A	0.17	0.02	3.05E-13
rs139309010	A	G	0.17	0.02	3.05E-13
rs112320507	T	C	0.16	0.02	3.06E-13
rs114133418	T	C	0.17	0.02	3.06E-13
rs114790605	C	A	0.18	0.02	3.07E-13
rs535540496	C	A	0.16	0.02	3.07E-13
rs75409981	C	T	0.19	0.02	3.08E-13
rs142959613	G	A	0.17	0.02	3.08E-13
rs140514756	A	G	0.25	0.03	3.08E-13
rs111488110	G	A	0.19	0.02	3.08E-13
rs148080876	A	G	0.16	0.02	3.08E-13
rs188009324	T	C	0.15	0.02	3.08E-13
rs4150406	T	C	0.15	0.02	3.09E-13
rs113913947	A	T	0.17	0.02	3.09E-13
rs115996630	C	T	0.16	0.02	3.10E-13
rs145471883	A	G	0.16	0.02	3.10E-13
rs576488457	A	G	0.15	0.02	3.10E-13

rs111357203	C	A	0.19	0.02	3.11E-13
rs74745589	T	A	0.17	0.02	3.11E-13
rs80335096	T	C	0.17	0.02	3.11E-13
rs138330047	G	A	0.2	0.02	3.11E-13
rs139299430	G	A	0.25	0.03	3.12E-13
rs150711805	C	T	0.14	0.02	3.13E-13
rs116389184	C	T	0.44	0.06	3.13E-13
rs188969176	T	C	0.17	0.02	3.13E-13
rs114723775	A	G	0.09	0.01	3.13E-13
rs556901183	T	C	0.24	0.03	3.14E-13
rs113064824	G	A	0.19	0.02	3.14E-13
rs142657216	T	G	0.17	0.02	3.14E-13
rs115570076	T	C	0.17	0.02	3.15E-13
rs114153767	G	A	0.08	0.01	3.15E-13
rs139362279	G	T	0.17	0.02	3.15E-13
rs59128228	C	T	0.31	0.04	3.16E-13
rs150151433	G	A	0.19	0.02	3.16E-13
rs10962345	G	T	0.08	0.01	3.17E-13
rs113189225	C	T	0.17	0.02	3.17E-13
rs74523613	A	G	0.19	0.02	3.17E-13
rs113772445	A	G	0.19	0.02	3.17E-13
rs148193360	A	C	0.17	0.02	3.18E-13
rs114038380	C	T	0.17	0.02	3.19E-13
rs113944181	A	T	0.17	0.02	3.19E-13
rs76789237	T	A	0.17	0.02	3.20E-13
rs149335125	G	A	0.17	0.02	3.20E-13
rs77221814	T	C	0.17	0.02	3.20E-13
rs76118653	T	C	0.61	0.08	3.20E-13
rs113482015	G	A	0.19	0.02	3.21E-13
rs144816605	A	G	0.17	0.02	3.21E-13
rs35027781	A	G	0.19	0.02	3.21E-13
rs185005135	C	T	0.17	0.02	3.21E-13
rs73937186	C	T	0.4	0.05	3.21E-13
rs111449185	T	G	0.17	0.02	3.24E-13
rs192351617	C	A	0.17	0.02	3.24E-13
rs1282959	G	A	0.07	0.0096941	3.25E-13
rs114279355	G	A	0.22	0.03	3.25E-13
rs114062512	G	C	0.17	0.02	3.26E-13
rs75973918	T	C	0.22	0.03	3.26E-13
rs549440352	C	T	0.08	0.01	3.27E-13
rs186934195	C	A	0.12	0.01	3.27E-13
rs73937013	C	T	0.17	0.02	3.27E-13
rs113305892	G	T	0.17	0.02	3.27E-13
rs115017627	A	G	0.08	0.01	3.28E-13
rs115159743	G	T	0.32	0.04	3.28E-13
rs147988386	G	A	0.17	0.02	3.28E-13
rs555080803	G	A	0.17	0.02	3.28E-13
rs79607101	T	C	0.17	0.02	3.28E-13
rs58392231	A	G	0.08	0.01	3.29E-13
rs113268818	G	C	0.19	0.02	3.29E-13
rs376206111	C	G	0.17	0.02	3.29E-13
rs551452195	T	C	0.17	0.02	3.29E-13
rs112192727	C	A	0.17	0.02	3.32E-13
rs73770722	C	A	0.17	0.02	3.32E-13
rs77684460	C	G	0.17	0.02	3.32E-13
rs149742759	G	A	0.17	0.02	3.32E-13
rs79762988	T	C	0.17	0.02	3.33E-13
rs190133971	A	G	0.09	0.01	3.33E-13
rs142369357	C	T	0.17	0.02	3.33E-13
rs74419995	A	G	0.18	0.02	3.33E-13
rs534946700	G	A	0.14	0.02	3.34E-13

rs76142566	T	A	0.17	0.02	3.34E-13
rs115134389	T	C	0.17	0.02	3.34E-13
rs2993017	A	C	0.17	0.02	3.34E-13
rs79210279	T	C	0.17	0.02	3.35E-13
rs542848285	A	C	0.17	0.02	3.35E-13
rs572286075	C	T	0.17	0.02	3.35E-13
rs115041086	A	G	0.17	0.02	3.35E-13
rs73534946	A	G	0.2	0.02	3.36E-13
rs187590244	T	C	0.17	0.02	3.39E-13
rs114334113	G	A	0.17	0.02	3.39E-13
rs147630073	A	G	0.17	0.02	3.40E-13
rs139186785	C	G	0.18	0.02	3.40E-13
rs375387184	A	C	0.18	0.02	3.40E-13
rs542895484	T	C	0.22	0.03	3.40E-13
rs185249958	G	T	0.18	0.02	3.40E-13
rs16851598	G	A	0.19	0.02	3.41E-13
rs138750380	G	C	0.17	0.02	3.42E-13
rs149074507	T	G	0.32	0.04	3.42E-13
rs567217865	G	A	0.17	0.02	3.43E-13
rs558231395	T	C	0.31	0.04	3.43E-13
rs144073750	C	G	0.37	0.05	3.43E-13
rs76211181	C	G	0.17	0.02	3.44E-13
rs113760181	G	A	0.19	0.02	3.45E-13
rs115377952	A	G	0.19	0.02	3.46E-13
rs568046054	A	G	0.19	0.02	3.46E-13
rs144971524	A	G	0.16	0.02	3.46E-13
rs11975641	C	T	0.08	0.01	3.46E-13
rs142978668	A	G	0.25	0.03	3.47E-13
rs115333173	T	C	0.19	0.02	3.47E-13
rs113190995	G	A	0.2	0.02	3.47E-13
rs576035144	A	G	0.2	0.02	3.47E-13
rs79951737	C	T	0.08	0.01	3.48E-13
rs142656408	C	T	0.17	0.02	3.49E-13
rs76002340	T	C	0.11	0.01	3.49E-13
rs115349415	T	C	0.17	0.02	3.50E-13
rs183200236	A	G	0.06	0.0084202	3.51E-13
rs190455240	T	C	0.16	0.02	3.52E-13
rs79107739	A	G	0.19	0.02	3.53E-13
rs116126621	T	C	0.26	0.03	3.53E-13
rs183056242	T	C	0.17	0.02	3.55E-13
rs543438649	C	T	0.17	0.02	3.56E-13
rs146251769	C	T	0.24	0.03	3.57E-13
rs150841506	T	C	0.17	0.02	3.57E-13
rs78747476	T	C	0.24	0.03	3.57E-13
rs6699267	T	C	0.17	0.02	3.57E-13
rs73937016	A	G	0.17	0.02	3.58E-13
rs554096239	A	C	0.17	0.02	3.58E-13
rs145745705	C	A	0.15	0.02	3.58E-13
rs572936951	T	G	0.09	0.01	3.58E-13
rs561428578	G	A	0.17	0.02	3.58E-13
rs566073521	T	C	0.17	0.02	3.59E-13
rs144085489	A	T	0.17	0.02	3.59E-13
rs116074450	G	A	0.17	0.02	3.59E-13
rs149433859	T	C	0.17	0.02	3.60E-13
rs189373208	A	G	0.22	0.03	3.60E-13
rs142113038	A	G	0.17	0.02	3.62E-13
rs116523936	C	T	0.17	0.02	3.62E-13
rs552124277	G	C	0.16	0.02	3.63E-13
rs145658098	G	A	0.08	0.01	3.63E-13
rs28490345	C	T	0.22	0.03	3.63E-13
rs74522116	G	A	0.16	0.02	3.64E-13

rs77547828	G	C	0.17	0.02	3.64E-13
rs180704647	C	A	0.17	0.02	3.65E-13
rs10255033	C	T	0.17	0.02	3.65E-13
rs534725649	A	G	0.26	0.03	3.66E-13
rs183921706	G	A	0.17	0.02	3.67E-13
rs142674557	A	C	0.16	0.02	3.67E-13
rs115177402	C	T	0.15	0.02	3.67E-13
rs79849431	T	C	0.16	0.02	3.68E-13
rs539592399	G	C	0.17	0.02	3.69E-13
rs113010048	C	T	0.17	0.02	3.69E-13
rs114485876	A	G	0.22	0.03	3.70E-13
rs73840994	C	T	0.17	0.02	3.73E-13
rs79991481	G	A	0.08	0.01	3.73E-13
rs10241075	T	C	0.17	0.02	3.73E-13
rs146994608	A	G	0.17	0.02	3.73E-13
rs141815198	C	T	0.17	0.02	3.74E-13
rs533026825	A	C	0.32	0.04	3.74E-13
rs114458065	T	G	0.17	0.02	3.74E-13
rs138769893	C	T	0.21	0.02	3.74E-13
rs139948209	G	A	0.16	0.02	3.75E-13
rs192766114	T	G	0.2	0.02	3.75E-13
rs193154256	A	T	0.17	0.02	3.75E-13
rs574663754	T	C	0.26	0.03	3.76E-13
rs73536807	C	A	0.2	0.02	3.77E-13
rs141054741	T	C	0.2	0.02	3.78E-13
rs141255479	G	A	0.17	0.02	3.78E-13
rs536683894	T	C	0.17	0.02	3.78E-13
rs114253036	C	A	0.16	0.02	3.78E-13
rs115050163	A	G	0.17	0.02	3.78E-13
rs139728558	A	G	0.09	0.01	3.79E-13
rs149136043	C	T	0.17	0.02	3.79E-13
rs115543213	C	T	0.17	0.02	3.79E-13
rs112071853	T	C	0.2	0.02	3.80E-13
rs189578607	A	G	0.18	0.02	3.80E-13
rs118111079	C	T	0.08	0.01	3.80E-13
rs115634150	C	A	0.17	0.02	3.81E-13
rs142199466	A	G	0.65	0.08	3.81E-13
rs145846187	A	C	0.17	0.02	3.82E-13
rs115884900	A	C	0.48	0.06	3.82E-13
rs537003747	G	A	0.17	0.02	3.83E-13
rs181232092	G	C	0.22	0.03	3.83E-13
rs73033531	G	A	0.17	0.02	3.83E-13
rs181767363	A	C	0.16	0.02	3.84E-13
rs145116296	G	C	5.55	0.76	3.85E-13
rs146029974	A	C	0.16	0.02	3.86E-13
rs556104589	C	T	0.17	0.02	3.86E-13
rs112191762	A	G	0.17	0.02	3.87E-13
rs141503632	C	T	0.16	0.02	3.87E-13
rs531484534	G	A	0.17	0.02	3.87E-13
rs150472506	T	C	0.17	0.02	3.88E-13
rs147733556	T	C	0.17	0.02	3.88E-13
rs147312643	A	G	0.16	0.02	3.89E-13
rs114134693	T	C	0.21	0.03	3.90E-13
rs115773452	T	C	0.48	0.06	3.90E-13
rs139654079	G	T	0.08	0.01	3.90E-13
rs560196892	C	T	0.16	0.02	3.90E-13
rs371591307	T	C	0.19	0.02	3.91E-13
rs544221539	C	A	0.16	0.02	3.91E-13
rs17236184	A	G	0.08	0.01	3.92E-13
rs115722321	G	A	0.16	0.02	3.92E-13
rs116113312	A	G	0.1	0.01	3.92E-13

rs531618257	C	T	0.3	0.04	3.94E-13
rs189585017	T	C	0.15	0.02	3.94E-13
rs184397396	A	G	0.48	0.06	3.95E-13
rs541536428	G	C	0.16	0.02	3.95E-13
2:226426535_A_G	G	A	0.08	0.01	3.95E-13
rs144134295	T	C	0.35	0.04	3.95E-13
rs139164488	G	A	0.17	0.02	3.95E-13
rs116374594	C	T	0.08	0.01	3.96E-13
rs118158667	G	A	0.08	0.01	3.96E-13
rs114095326	C	T	0.16	0.02	3.96E-13
rs538944049	T	G	0.17	0.02	3.97E-13
rs376587424	T	C	0.17	0.02	3.97E-13
rs114238625	T	C	0.17	0.02	3.97E-13
rs143877308	C	T	0.11	0.01	3.98E-13
rs7655128	C	A	0.15	0.02	3.98E-13
rs186419211	T	C	0.78	0.1	3.98E-13
rs556158679	T	G	0.17	0.02	3.98E-13
rs182254664	C	T	0.65	0.09	3.98E-13
rs140688855	T	C	0.19	0.02	3.98E-13
rs114623370	A	G	0.18	0.02	3.99E-13
rs115717933	A	G	0.07	0.01	3.99E-13
rs189625783	A	C	0.16	0.02	4.00E-13
rs73949685	T	C	0.05	0.0080181	4.01E-13
rs111429848	T	C	0.16	0.02	4.01E-13
rs192641017	T	C	0.09	0.01	4.02E-13
rs74429496	T	C	0.3	0.04	4.02E-13
rs77602819	G	A	0.3	0.04	4.02E-13
rs73949683	G	C	0.05	0.0080168	4.02E-13
rs185601131	A	C	0.18	0.02	4.02E-13
rs115012107	T	C	0.05	0.0082238	4.03E-13
rs185726502	A	G	0.16	0.02	4.03E-13
rs186920783	T	A	0.17	0.02	4.04E-13
rs117735233	C	T	0.17	0.02	4.04E-13
rs115530438	A	T	0.19	0.02	4.04E-13
rs146399561	C	T	0.15	0.02	4.05E-13
rs73949688	C	T	0.05	0.0080194	4.05E-13
rs148930672	A	C	0.16	0.02	4.06E-13
rs114115178	T	C	0.17	0.02	4.06E-13
rs74710666	G	A	0.17	0.02	4.06E-13
rs140234435	C	T	0.17	0.02	4.07E-13
rs185363771	A	G	0.17	0.02	4.07E-13
rs57988595	G	A	0.2	0.02	4.08E-13
rs73536811	A	G	0.2	0.02	4.08E-13
rs7853250	G	A	0.16	0.02	4.08E-13
rs377648922	C	A	0.17	0.02	4.08E-13
rs193150850	T	G	0.18	0.02	4.09E-13
rs115698631	C	A	0.17	0.02	4.09E-13
rs79775040	C	T	0.17	0.02	4.09E-13
rs116101184	C	T	0.17	0.02	4.10E-13
rs192608171	G	A	0.17	0.02	4.11E-13
rs561474144	T	C	0.66	0.09	4.11E-13
rs937559	C	A	0.07	0.0096959	4.11E-13
rs563498071	T	C	0.17	0.02	4.13E-13
rs73698014	C	T	0.16	0.02	4.14E-13
rs538663532	T	C	0.08	0.01	4.16E-13
rs142617883	G	A	0.17	0.02	4.17E-13
rs28368000	C	G	0.16	0.02	4.17E-13
rs376630336	G	T	0.17	0.02	4.17E-13
rs577785187	C	T	0.18	0.02	4.18E-13
rs146563128	T	C	0.17	0.02	4.18E-13
rs116616173	T	C	0.17	0.02	4.19E-13



rs184006553	G	T	0.1	0.01	4.19E-13
rs139056785	G	T	0.17	0.02	4.20E-13
rs148742980	G	A	0.17	0.02	4.21E-13
rs58634410	A	G	0.2	0.02	4.21E-13
rs146428552	T	C	0.16	0.02	4.21E-13
rs552575857	A	C	0.17	0.02	4.22E-13
rs60209615	G	A	0.2	0.02	4.22E-13
rs147527301	C	G	0.18	0.02	4.23E-13
rs150932131	C	T	0.36	0.04	4.23E-13
rs117686365	T	G	0.17	0.02	4.23E-13
rs4492451	A	G	0.16	0.02	4.24E-13
rs74513660	T	C	0.08	0.01	4.24E-13
rs371527887	A	G	0.2	0.02	4.25E-13
rs149985131	A	G	0.17	0.02	4.25E-13
rs114052310	A	G	0.16	0.02	4.25E-13
rs147151291	C	T	0.17	0.02	4.27E-13
rs141175843	T	C	0.17	0.02	4.27E-13
rs73536845	A	G	0.23	0.03	4.27E-13
rs181788614	G	T	0.16	0.02	4.27E-13
rs141669375	C	T	0.19	0.02	4.28E-13
rs76267233	C	T	0.17	0.02	4.28E-13
rs73753887	G	C	0.05	0.0081681	4.29E-13
rs79926719	A	C	0.08	0.01	4.29E-13
rs146563772	C	T	0.17	0.02	4.29E-13
rs114776616	C	T	0.24	0.03	4.30E-13
rs115232545	C	G	0.16	0.02	4.30E-13
rs373255361	C	A	0.17	0.02	4.31E-13
rs571086358	C	T	0.17	0.02	4.31E-13
rs60355162	G	A	0.2	0.02	4.32E-13
rs148758045	C	A	0.08	0.01	4.32E-13
rs113014626	G	A	0.12	0.01	4.32E-13
rs147156520	T	A	0.16	0.02	4.33E-13
rs114431019	A	G	0.17	0.02	4.33E-13
rs114575702	C	T	0.16	0.02	4.34E-13
rs115625588	T	C	0.07	0.01	4.34E-13
rs75435468	A	C	0.17	0.02	4.35E-13
rs143093762	A	G	0.16	0.02	4.35E-13
rs531727464	T	A	0.08	0.01	4.36E-13
rs183596255	A	C	0.17	0.02	4.36E-13
rs76071011	C	G	0.17	0.02	4.38E-13
rs550935838	C	G	0.18	0.02	4.38E-13
rs140598440	C	G	0.21	0.02	4.39E-13
rs10229377	T	C	0.17	0.02	4.39E-13
rs188828913	T	C	0.51	0.07	4.39E-13
rs142792803	T	A	0.17	0.02	4.39E-13
rs569162886	C	A	0.16	0.02	4.40E-13
rs117664517	A	G	0.27	0.03	4.41E-13
rs116247194	C	T	0.16	0.02	4.41E-13
rs116720091	A	G	0.16	0.02	4.41E-13
rs115957615	A	G	0.16	0.02	4.41E-13
rs78581382	G	A	0.17	0.02	4.42E-13
rs114575236	G	C	0.09	0.01	4.42E-13
rs151128918	T	C	0.2	0.02	4.43E-13
rs370155714	A	G	0.22	0.03	4.43E-13
rs187859505	G	A	0.22	0.03	4.43E-13
rs576815077	G	A	0.17	0.02	4.43E-13
rs190264589	G	C	0.64	0.08	4.44E-13
rs144175492	A	G	0.16	0.02	4.45E-13
rs144642920	T	C	0.17	0.02	4.45E-13
rs545206150	C	T	0.17	0.02	4.45E-13
rs74836414	T	C	0.16	0.02	4.46E-13

rs371466211	T	C	0.17	0.02	4.47E-13
rs150525628	G	C	0.17	0.02	4.47E-13
rs139047643	T	C	0.16	0.02	4.47E-13
rs768888405	C	T	0.04	0.0060182	4.47E-13
rs141094045	T	C	0.16	0.02	4.50E-13
rs551932244	A	G	0.17	0.02	4.51E-13
rs190982137	T	C	0.99	0.13	4.51E-13
rs375828355	T	A	0.17	0.02	4.51E-13
rs115573546	T	C	0.25	0.03	4.52E-13
rs540899639	C	T	0.08	0.01	4.53E-13
rs146461247	A	C	0.16	0.02	4.53E-13
rs565994500	C	T	0.13	0.01	4.54E-13
rs116340225	G	C	0.08	0.01	4.54E-13
rs80330504	C	G	0.05	0.007999	4.54E-13
rs75082993	T	C	0.17	0.02	4.54E-13
rs145191572	G	A	0.3	0.04	4.54E-13
rs7780199	A	T	0.08	0.01	4.55E-13
rs79420908	C	G	0.17	0.02	4.55E-13
1:168583472_T_C	C	T	0.03	0.0054867	4.57E-13
rs542248429	T	C	0.16	0.02	4.57E-13
rs759869370	A	G	0.06	0.0086257	4.58E-13
rs139181428	G	T	0.08	0.01	4.58E-13
rs143413297	A	G	0.21	0.02	4.58E-13
rs115739632	T	C	0.17	0.02	4.60E-13
rs148422852	T	G	0.08	0.01	4.61E-13
rs116767154	A	C	0.16	0.02	4.61E-13
rs115503666	C	T	0.21	0.02	4.61E-13
rs146493339	G	T	0.16	0.02	4.62E-13
rs140620620	A	G	1.4	0.19	4.62E-13
rs61756680	T	C	0.17	0.02	4.62E-13
rs73692794	C	T	0.17	0.02	4.62E-13
rs557193586	C	T	0.16	0.02	4.62E-13
rs574734762	T	G	0.14	0.02	4.62E-13
rs540610313	T	C	0.14	0.02	4.62E-13
rs144607036	A	G	0.07	0.01	4.63E-13
rs184795413	T	C	0.16	0.02	4.63E-13
rs114765181	A	G	0.16	0.02	4.63E-13
rs116166441	G	T	0.08	0.01	4.64E-13
rs116554928	C	T	0.08	0.01	4.65E-13
rs145254086	G	A	0.08	0.01	4.65E-13
rs116518343	G	A	0.16	0.02	4.65E-13
rs557115598	G	A	0.16	0.02	4.66E-13
rs577203896	C	T	0.2	0.02	4.66E-13
rs370051897	A	G	0.17	0.02	4.66E-13
rs142085782	G	A	0.08	0.01	4.67E-13
rs79072377	G	A	0.08	0.01	4.68E-13
rs188486921	T	G	0.16	0.02	4.69E-13
rs77232849	A	C	0.16	0.02	4.70E-13
rs148740229	A	G	0.11	0.01	4.70E-13
rs115611875	C	T	0.16	0.02	4.71E-13
rs80201962	A	G	0.17	0.02	4.71E-13
rs192672783	T	C	0.17	0.02	4.71E-13
rs564953925	G	A	0.16	0.02	4.71E-13
rs115039790	C	G	0.34	0.04	4.72E-13
rs528087087	T	C	0.16	0.02	4.72E-13
rs72954067	T	C	0.18	0.02	4.72E-13
rs114646231	T	C	0.18	0.02	4.73E-13
rs112044870	T	C	0.16	0.02	4.73E-13
rs150763012	C	T	0.16	0.02	4.73E-13
rs368946924	C	A	0.16	0.02	4.74E-13
rs114433440	A	T	0.16	0.02	4.74E-13

rs141287337	C	T	0.16	0.02	4.74E-13
rs149727077	C	T	0.08	0.01	4.75E-13
rs149210117	A	G	0.17	0.02	4.75E-13
rs148517775	A	G	0.16	0.02	4.75E-13
rs142108318	T	C	0.16	0.02	4.76E-13
rs201285512	G	A	0.16	0.02	4.76E-13
rs115193194	T	C	0.17	0.02	4.76E-13
rs142306399	C	G	0.15	0.02	4.77E-13
rs182370764	C	T	0.17	0.02	4.77E-13
rs537366488	T	C	0.16	0.02	4.77E-13
rs182012224	G	C	0.16	0.02	4.77E-13
rs189597897	A	G	0.16	0.02	4.77E-13
rs78784620	G	A	0.16	0.02	4.77E-13
rs185668844	A	G	0.16	0.02	4.77E-13
rs140634760	G	C	0.08	0.01	4.79E-13
rs776528721	C	A	0.04	0.0062156	4.79E-13
rs115578532	A	G	0.17	0.02	4.80E-13
rs191136417	G	A	0.16	0.02	4.80E-13
rs114299639	C	T	0.18	0.02	4.80E-13
rs114079427	A	C	0.08	0.01	4.82E-13
rs185924782	G	A	0.16	0.02	4.82E-13
rs147103779	T	C	0.17	0.02	4.82E-13
rs115641627	C	T	0.16	0.02	4.83E-13
rs151101698	C	T	0.16	0.02	4.83E-13
rs150625259	T	A	0.17	0.02	4.83E-13
rs118181125	G	T	0.23	0.03	4.84E-13
rs116725374	C	T	0.08	0.01	4.84E-13
rs144762847	A	G	0.08	0.01	4.84E-13
rs13400249	A	G	0.16	0.02	4.84E-13
rs114682126	T	C	0.08	0.01	4.85E-13
rs147346639	T	C	0.17	0.02	4.85E-13
rs116447737	T	G	0.27	0.03	4.85E-13
rs184148693	T	G	0.27	0.03	4.85E-13
rs549170474	A	G	0.16	0.02	4.87E-13
rs140511175	A	G	0.1	0.01	4.88E-13
rs145343331	A	C	0.17	0.02	4.89E-13
rs117848234	C	A	0.26	0.03	4.89E-13
rs113269758	C	A	0.19	0.02	4.89E-13
rs116028223	A	G	0.35	0.04	4.90E-13
rs114847784	A	G	0.16	0.02	4.90E-13
rs551589501	A	T	0.16	0.02	4.90E-13
rs13388654	G	A	0.16	0.02	4.91E-13
rs139988572	A	G	0.17	0.02	4.91E-13
rs146521055	T	C	0.19	0.02	4.92E-13
rs567920388	T	C	0.13	0.01	4.92E-13
rs145477454	A	T	0.16	0.02	4.92E-13
rs116667318	C	T	0.16	0.02	4.93E-13
rs188792685	G	A	0.31	0.04	4.93E-13
rs141237108	C	T	0.17	0.02	4.93E-13
rs57469929	C	T	0.34	0.04	4.93E-13
rs61764173	C	T	0.16	0.02	4.94E-13
rs142069346	A	G	0.05	0.0080467	4.94E-13
rs376468732	A	G	0.17	0.02	4.94E-13
rs140324410	T	A	0.16	0.02	4.95E-13
rs79259494	G	A	0.13	0.01	4.95E-13
rs76620134	A	T	0.16	0.02	4.96E-13
rs561086231	C	G	0.16	0.02	4.97E-13
rs375681592	C	T	0.16	0.02	4.98E-13
rs191229606	C	T	0.25	0.03	4.98E-13
rs188156912	G	A	0.16	0.02	4.98E-13
rs148400357	T	C	0.08	0.01	4.99E-13

rs184005389	G	C	0.16	0.02	4.99E-13
rs187584320	T	C	0.16	0.02	4.99E-13
rs193116571	A	G	0.44	0.06	4.99E-13
rs149194450	T	C	0.17	0.02	5.01E-13
rs115806405	G	A	0.16	0.02	5.02E-13
rs73094827	C	T	0.16	0.02	5.02E-13
rs28667526	T	G	0.16	0.02	5.05E-13
rs113376115	G	A	0.16	0.02	5.06E-13
rs577315390	A	G	0.08	0.01	5.06E-13
rs575324141	C	T	0.2	0.02	5.06E-13
rs554781662	C	T	0.25	0.03	5.07E-13
rs115963852	C	T	0.11	0.01	5.07E-13
rs115986398	G	T	0.08	0.01	5.08E-13
rs2040951	G	A	0.14	0.01	5.08E-13
rs574785114	T	G	0.16	0.02	5.08E-13
rs73752115	G	C	0.17	0.02	5.10E-13
rs73094811	A	G	0.16	0.02	5.10E-13
rs185210018	G	A	0.25	0.03	5.10E-13
rs183104421	T	C	0.16	0.02	5.10E-13
rs114331889	A	G	0.25	0.03	5.11E-13
rs752000141	A	G	0.03	0.004405	5.11E-13
rs567102065	G	A	0.46	0.06	5.11E-13
rs191904184	G	C	0.17	0.02	5.12E-13
rs78391890	T	C	0.16	0.02	5.12E-13
rs144193711	G	A	0.16	0.02	5.13E-13
rs577870302	A	G	0.16	0.02	5.13E-13
rs116666535	C	A	0.08	0.01	5.14E-13
rs150491789	C	G	0.16	0.02	5.14E-13
rs146444716	T	C	0.16	0.02	5.15E-13
rs546754918	A	G	0.16	0.02	5.16E-13
rs145292505	C	T	0.19	0.02	5.16E-13
rs188654074	C	T	0.05	0.0072357	5.16E-13
rs114963026	A	G	0.21	0.02	5.17E-13
rs73797569	T	C	0.17	0.02	5.17E-13
rs149758793	A	G	0.08	0.01	5.19E-13
rs183478001	G	A	0.08	0.01	5.19E-13
rs116099272	C	T	0.16	0.02	5.20E-13
rs189390678	A	C	0.25	0.03	5.21E-13
rs545569	A	T	0.17	0.02	5.22E-13
rs558001961	C	A	0.17	0.02	5.23E-13
rs74434068	T	C	0.16	0.02	5.23E-13
rs150929839	C	T	0.16	0.02	5.23E-13
rs114518391	A	G	0.18	0.02	5.24E-13
rs117697175	T	C	0.17	0.02	5.24E-13
rs77028330	T	G	0.16	0.02	5.26E-13
rs150842096	C	T	0.16	0.02	5.28E-13
rs181534717	A	G	0.16	0.02	5.28E-13
rs75016898	A	C	0.16	0.02	5.28E-13
rs567320312	G	A	0.37	0.05	5.29E-13
rs554693158	T	C	0.09	0.01	5.29E-13
rs188877559	C	A	0.16	0.02	5.31E-13
rs569442701	C	T	0.67	0.09	5.31E-13
rs115293439	C	T	0.16	0.02	5.32E-13
rs148538488	C	T	0.12	0.01	5.32E-13
rs181105375	A	C	0.17	0.02	5.33E-13
rs548487273	T	C	0.17	0.02	5.35E-13
rs561025023	C	T	0.16	0.02	5.35E-13
rs145867143	C	T	0.16	0.02	5.36E-13
rs56051578	G	A	0.16	0.02	5.36E-13
rs546303632	A	G	0.16	0.02	5.36E-13
rs76087564	T	G	0.17	0.02	5.36E-13

rs578119115	G	T	0.16	0.02	5.37E-13
rs143619303	G	C	0.17	0.02	5.37E-13
rs143041627	T	G	0.19	0.02	5.37E-13
rs140539709	T	C	0.17	0.02	5.38E-13
rs73033529	C	T	0.16	0.02	5.38E-13
rs139471716	A	G	0.28	0.03	5.38E-13
rs115916617	T	C	0.09	0.01	5.41E-13
rs114264258	C	T	0.2	0.02	5.41E-13
rs75139585	T	C	0.17	0.02	5.42E-13
rs544690310	T	C	0.17	0.02	5.42E-13
rs190059571	A	C	0.2	0.02	5.43E-13
rs114210423	T	C	0.16	0.02	5.44E-13
rs192305820	C	T	0.17	0.02	5.44E-13
rs114502183	C	G	0.16	0.02	5.44E-13
rs148642223	A	G	0.16	0.02	5.45E-13
rs73033521	C	T	0.16	0.02	5.45E-13
rs531959836	T	C	0.17	0.02	5.46E-13
rs78850750	A	G	0.22	0.03	5.46E-13
rs558183375	A	C	0.36	0.05	5.47E-13
rs141236509	C	T	0.31	0.04	5.50E-13
rs140100103	T	C	0.16	0.02	5.51E-13
rs182959209	C	T	0.18	0.02	5.51E-13
rs115027670	C	T	0.31	0.04	5.51E-13
rs142683485	A	G	0.43	0.06	5.52E-13
rs147167475	G	T	3.61	0.5	5.52E-13
rs2993025	C	G	0.17	0.02	5.52E-13
rs75064416	A	T	0.16	0.02	5.53E-13
rs147289840	C	T	0.15	0.02	5.53E-13
rs114089094	T	C	0.16	0.02	5.53E-13
rs192284330	A	T	0.16	0.02	5.54E-13
rs543973229	T	C	0.16	0.02	5.55E-13
rs116370048	A	C	0.04	0.0066465	5.55E-13
rs61748108	G	A	0.16	0.02	5.55E-13
rs182733095	G	C	0.16	0.02	5.55E-13
rs76267188	C	A	0.18	0.02	5.56E-13
rs486264	T	G	0.17	0.02	5.56E-13
rs145790892	G	A	0.16	0.02	5.58E-13
rs184954888	C	T	2.01	0.27	5.60E-13
rs140176823	G	T	0.18	0.02	5.60E-13
rs992764	T	C	0.16	0.02	5.61E-13
rs146937554	T	A	0.16	0.02	5.61E-13
rs184646721	G	A	0.16	0.02	5.61E-13
rs534830238	G	A	0.16	0.02	5.62E-13
rs73673525	C	A	0.27	0.03	5.64E-13
rs145402125	T	C	0.24	0.03	5.64E-13
rs148248912	G	C	0.26	0.03	5.64E-13
rs189182306	T	G	0.16	0.02	5.64E-13
rs145259743	G	A	0.16	0.02	5.64E-13
rs142699505	T	C	0.16	0.02	5.65E-13
rs192283166	T	C	0.16	0.02	5.66E-13
rs116050307	A	G	0.16	0.02	5.67E-13
rs148078363	G	A	0.19	0.02	5.67E-13
rs41298410	G	T	0.17	0.02	5.67E-13
rs577658403	C	G	0.22	0.03	5.69E-13
rs140583121	A	T	0.25	0.03	5.69E-13
rs141450913	A	G	0.16	0.02	5.69E-13
rs146346441	G	C	0.08	0.01	5.69E-13
rs149738728	G	A	0.16	0.02	5.69E-13
rs138293754	A	G	0.5	0.07	5.70E-13
rs150404128	C	T	0.5	0.07	5.70E-13
rs529943111	T	G	0.5	0.07	5.70E-13

rs559706349	C	T	0.5	0.07	5.70E-13
rs115592368	C	A	0.16	0.02	5.70E-13
rs150174640	G	A	0.16	0.02	5.70E-13
rs115354134	G	C	0.17	0.02	5.70E-13
rs115422987	T	C	0.17	0.02	5.70E-13
rs528451754	A	C	0.16	0.02	5.71E-13
rs79962017	A	G	0.08	0.01	5.71E-13
rs141463844	G	T	0.08	0.01	5.71E-13
rs142529228	A	C	0.16	0.02	5.74E-13
rs189926682	A	G	0.16	0.02	5.75E-13
rs142079086	C	T	0.17	0.02	5.75E-13
rs528411236	G	A	0.16	0.02	5.76E-13
rs115282367	T	C	0.09	0.01	5.77E-13
rs188008114	C	T	0.16	0.02	5.77E-13
rs78130701	G	T	0.14	0.02	5.78E-13
rs193193335	T	C	0.21	0.02	5.79E-13
rs138378820	T	C	0.09	0.01	5.79E-13
rs141228961	T	A	0.16	0.02	5.80E-13
rs150635131	A	G	0.16	0.02	5.80E-13
rs183400506	T	A	0.16	0.02	5.80E-13
rs146645582	G	A	0.16	0.02	5.80E-13
rs377694731	A	G	0.25	0.03	5.82E-13
rs572608971	A	C	0.26	0.03	5.82E-13
rs2004097	T	C	0.33	0.04	5.83E-13
rs76154576	A	G	0.15	0.02	5.83E-13
rs73840998	A	T	0.17	0.02	5.83E-13
rs114215978	G	A	0.18	0.02	5.83E-13
rs80043361	A	C	0.16	0.02	5.84E-13
rs61764577	T	C	0.16	0.02	5.84E-13
rs189605131	C	T	0.17	0.02	5.84E-13
rs568152473	A	T	0.26	0.03	5.85E-13
rs76977542	G	A	0.1	0.01	5.87E-13
rs150112390	A	G	0.16	0.02	5.87E-13
rs186509666	T	C	0.18	0.02	5.88E-13
rs146730205	G	T	0.28	0.03	5.88E-13
rs10028126	T	C	0.17	0.02	5.89E-13
rs115388467	A	G	0.43	0.06	5.89E-13
rs73679252	G	C	0.16	0.02	5.90E-13
rs115055877	G	A	0.16	0.02	5.90E-13
rs565896317	A	T	0.21	0.02	5.91E-13
rs568212018	G	A	0.08	0.01	5.92E-13
rs139880984	C	T	1.18	0.16	5.93E-13
rs114512362	G	A	0.17	0.02	5.93E-13
rs377184526	G	A	0.1	0.01	5.94E-13
rs80113525	T	A	0.16	0.02	5.94E-13
rs112065109	C	T	0.16	0.02	5.94E-13
rs148170542	G	A	0.16	0.02	5.95E-13
rs76996359	T	C	0.08	0.01	5.95E-13
rs56921795	T	C	0.16	0.02	5.95E-13
rs149851251	A	G	0.31	0.04	5.96E-13
rs561794308	A	G	0.07	0.0098171	5.96E-13
rs115719364	G	A	0.17	0.02	5.97E-13
rs79216912	A	C	0.1	0.01	5.97E-13
rs115500302	T	C	0.17	0.02	5.97E-13
rs115750121	T	A	0.16	0.02	5.97E-13
rs145633113	T	C	0.16	0.02	5.97E-13
rs143894287	G	C	0.17	0.02	5.98E-13
rs544204439	G	A	0.16	0.02	5.98E-13
rs144681537	A	T	0.16	0.02	5.98E-13
rs186313632	T	A	0.21	0.03	5.99E-13
rs16874626	G	T	0.17	0.02	6.00E-13

rs146223277	G	A	0.16	0.02	6.01E-13
rs73354042	A	T	0.16	0.02	6.02E-13
rs73861705	G	A	0.1	0.01	6.02E-13
rs116443256	T	C	0.16	0.02	6.03E-13
rs540374654	T	C	0.16	0.02	6.03E-13
rs577612944	A	G	0.22	0.03	6.04E-13
rs115163978	C	A	0.08	0.01	6.05E-13
rs114239636	G	A	0.16	0.02	6.05E-13
rs143268397	T	G	0.08	0.01	6.05E-13
rs144295795	A	G	0.08	0.01	6.05E-13
rs144217173	T	C	0.16	0.02	6.08E-13
rs115300674	C	T	0.25	0.03	6.09E-13
rs542789133	C	G	0.16	0.02	6.10E-13
rs572105178	C	T	0.21	0.03	6.10E-13
rs78723645	A	G	0.16	0.02	6.11E-13
rs142157687	T	C	0.16	0.02	6.11E-13
rs191743112	A	G	0.16	0.02	6.12E-13
rs116548497	G	A	0.16	0.02	6.12E-13
rs143919989	T	A	0.16	0.02	6.14E-13
rs143628082	G	A	0.14	0.01	6.14E-13
rs146770160	G	C	0.16	0.02	6.15E-13
rs182589230	T	C	0.63	0.08	6.16E-13
rs117532052	A	G	0.24	0.03	6.17E-13
rs77751562	C	T	0.16	0.02	6.21E-13
rs181803002	C	G	0.16	0.02	6.21E-13
rs560475189	T	C	0.11	0.01	6.22E-13
4:131691062_G_A	A	G	0.04	0.0061498	6.22E-13
rs148387102	G	A	0.1	0.01	6.22E-13
rs111341048	A	G	0.21	0.03	6.23E-13
rs114403472	A	G	0.08	0.01	6.23E-13
rs140419998	T	G	0.16	0.02	6.25E-13
rs142582626	G	C	0.16	0.02	6.26E-13
rs140058245	G	A	0.17	0.02	6.27E-13
rs187619763	A	G	0.16	0.02	6.27E-13
rs114750713	A	C	0.17	0.02	6.28E-13
rs139882994	C	G	0.16	0.02	6.28E-13
rs140263547	A	G	0.18	0.02	6.29E-13
rs549318713	T	C	0.1	0.01	6.29E-13
rs118177922	G	T	0.19	0.02	6.30E-13
rs144236650	T	G	0.3	0.04	6.31E-13
rs190490520	G	A	0.17	0.02	6.32E-13
rs142683214	C	T	0.17	0.02	6.34E-13
rs574333270	A	G	0.17	0.02	6.35E-13
rs115590767	T	C	0.16	0.02	6.35E-13
rs150358407	T	C	0.16	0.02	6.35E-13
rs191978658	C	A	0.17	0.02	6.36E-13
rs114789133	A	G	0.07	0.01	6.36E-13
rs533788437	T	C	3	0.41	6.36E-13
rs139914152	C	T	0.16	0.02	6.37E-13
rs146883863	T	G	0.08	0.01	6.39E-13
rs116375779	T	C	0.08	0.01	6.40E-13
rs73115565	G	A	0.08	0.01	6.41E-13
rs149411772	G	A	0.16	0.02	6.42E-13
rs140522419	A	G	0.21	0.02	6.42E-13
rs116920948	T	C	0.17	0.02	6.42E-13
rs148248509	A	G	0.16	0.02	6.44E-13
rs77759172	A	G	0.16	0.02	6.44E-13
rs11989712	T	C	0.18	0.02	6.45E-13
rs146833448	G	T	0.17	0.02	6.45E-13
rs1462280	T	G	0.16	0.02	6.46E-13
rs149249935	T	A	0.16	0.02	6.46E-13

rs537157881	T	C	0.16	0.02	6.47E-13
rs149154174	C	T	1.8	0.25	6.47E-13
rs28616069	T	C	0.16	0.02	6.48E-13
rs145959323	C	G	0.16	0.02	6.48E-13
rs114932377	G	A	0.08	0.01	6.50E-13
rs115929206	T	G	0.16	0.02	6.50E-13
rs140120223	T	A	0.16	0.02	6.50E-13
rs28684541	G	T	0.16	0.02	6.50E-13
rs533224537	T	G	0.03	0.0051355	6.51E-13
rs1282940	T	C	0.06	0.0096211	6.51E-13
rs149896322	C	G	0.26	0.03	6.52E-13
rs191574890	T	C	0.17	0.02	6.52E-13
rs138551729	G	C	0.08	0.01	6.53E-13
rs60783424	A	G	0.16	0.02	6.53E-13
rs150118343	A	G	0.08	0.01	6.54E-13
rs568059277	A	G	0.17	0.02	6.57E-13
rs78624808	T	C	0.17	0.02	6.57E-13
rs145171370	T	C	0.16	0.02	6.58E-13
rs555872341	G	T	0.17	0.02	6.58E-13
rs777804466	C	T	0.05	0.0073475	6.59E-13
rs548645532	G	C	0.16	0.02	6.59E-13
rs137998187	T	C	0.76	0.1	6.60E-13
rs549982340	A	G	0.2	0.02	6.61E-13
rs149677787	T	C	0.17	0.02	6.61E-13
rs547475548	A	G	0.17	0.02	6.62E-13
rs115564075	T	C	0.09	0.01	6.62E-13
rs181560682	A	G	0.19	0.02	6.63E-13
rs55818014	A	G	0.16	0.02	6.63E-13
rs189699851	G	A	0.16	0.02	6.63E-13
rs186470850	A	C	0.59	0.08	6.64E-13
rs115216655	T	C	0.08	0.01	6.64E-13
rs141800202	A	T	0.35	0.04	6.66E-13
rs151299144	T	C	0.16	0.02	6.66E-13
rs537250934	A	G	0.16	0.02	6.66E-13
rs75260882	T	C	0.16	0.02	6.67E-13
rs139553415	G	A	0.16	0.02	6.68E-13
rs115242085	C	T	0.16	0.02	6.70E-13
rs185630631	A	G	0.04	0.006294	6.70E-13
rs114408800	C	G	0.16	0.02	6.72E-13
rs573449184	T	C	0.16	0.02	6.73E-13
rs115050660	G	T	0.16	0.02	6.73E-13
rs79432001	T	C	0.08	0.01	6.74E-13
rs149459513	T	A	0.08	0.01	6.75E-13
rs76317934	T	A	0.17	0.02	6.76E-13
rs143632676	A	G	0.16	0.02	6.79E-13
rs73086713	C	T	0.18	0.02	6.79E-13
rs144243364	T	A	0.16	0.02	6.80E-13
rs544233246	A	G	0.16	0.02	6.82E-13
rs116672211	C	A	0.11	0.01	6.82E-13
rs145295130	A	G	0.17	0.02	6.83E-13
rs59483750	G	A	0.18	0.02	6.84E-13
rs74391928	A	G	0.18	0.02	6.84E-13
rs189794947	C	T	0.16	0.02	6.84E-13
rs78332368	T	C	0.16	0.02	6.85E-13
rs73937014	C	G	0.17	0.02	6.86E-13
rs143590739	T	C	0.16	0.02	6.86E-13
rs114146694	C	T	0.16	0.02	6.86E-13
rs9820162	A	T	0.16	0.02	6.87E-13
rs2877573	A	C	0.16	0.02	6.89E-13
rs182077231	G	A	0.16	0.02	6.91E-13
rs138010557	G	A	0.16	0.02	6.91E-13



rs146072465	T	C	0.16	0.02	6.92E-13
rs568114925	C	T	0.22	0.03	6.93E-13
rs113608804	C	T	0.17	0.02	6.93E-13
rs145796988	A	G	1.7	0.23	6.94E-13
rs376558091	C	G	0.16	0.02	6.95E-13
rs139579959	C	T	0.16	0.02	6.95E-13
rs145859192	T	C	0.16	0.02	6.97E-13
rs575921178	G	A	0.16	0.02	6.97E-13
rs142824106	G	A	0.16	0.02	6.97E-13
rs76358773	C	T	0.16	0.02	6.97E-13
rs138270531	G	C	0.16	0.02	7.00E-13
rs186629243	G	A	0.16	0.02	7.01E-13
rs74848300	A	G	0.16	0.02	7.02E-13
rs140352890	G	C	0.16	0.02	7.03E-13
rs570411772	G	A	0.16	0.02	7.03E-13
rs561761581	T	C	0.11	0.01	7.03E-13
rs143777402	C	T	0.16	0.02	7.04E-13
rs140629475	T	G	0.16	0.02	7.05E-13
rs139604561	T	C	0.16	0.02	7.07E-13
rs190881683	T	G	0.16	0.02	7.07E-13
rs545960088	T	G	0.16	0.02	7.07E-13
rs148349122	C	T	0.16	0.02	7.07E-13
rs568800348	A	G	0.28	0.04	7.08E-13
rs184161269	T	C	0.37	0.05	7.10E-13
rs188838846	A	G	0.37	0.05	7.10E-13
rs113823661	T	C	0.21	0.02	7.10E-13
rs55997546	T	C	0.16	0.02	7.10E-13
rs73197411	G	A	0.17	0.02	7.15E-13
rs541386310	C	T	0.08	0.01	7.17E-13
rs60162850	T	C	0.23	0.03	7.20E-13
rs76876751	T	C	0.17	0.02	7.21E-13
rs116514190	C	T	0.16	0.02	7.22E-13
rs145103515	C	T	0.16	0.02	7.22E-13
rs115861067	A	G	0.16	0.02	7.24E-13
rs534182969	C	G	0.24	0.03	7.24E-13
rs147261491	A	G	0.33	0.04	7.26E-13
rs111254160	T	A	0.16	0.02	7.27E-13
rs189429952	T	C	0.28	0.04	7.27E-13
rs116609034	G	A	0.16	0.02	7.29E-13
rs145957504	G	C	0.19	0.02	7.30E-13
rs550823834	G	A	0.16	0.02	7.30E-13
rs185471181	G	A	0.24	0.03	7.31E-13
rs73861965	G	A	0.17	0.02	7.34E-13
rs7010105	T	G	1.83	0.25	7.35E-13
rs78470126	C	T	0.08	0.01	7.36E-13
rs80052831	T	C	0.08	0.01	7.36E-13
rs79601221	G	A	0.16	0.02	7.37E-13
rs182935736	T	G	0.16	0.02	7.38E-13
rs2293790	C	G	0.08	0.01	7.38E-13
rs554299488	A	G	0.16	0.02	7.38E-13
rs376631237	C	T	0.16	0.02	7.39E-13
rs141465185	A	G	0.16	0.02	7.39E-13
rs115191124	A	G	0.08	0.01	7.39E-13
rs184550542	G	C	0.17	0.02	7.40E-13
rs2083667	G	A	0.16	0.02	7.40E-13
rs79994392	G	A	0.16	0.02	7.41E-13
rs183672859	A	C	0.35	0.04	7.41E-13
rs184555897	G	A	0.31	0.04	7.43E-13
rs114040255	T	C	0.16	0.02	7.43E-13
rs564716265	C	T	0.08	0.01	7.43E-13
rs537764707	G	A	0.25	0.03	7.44E-13

rs189192678	T	C	0.15	0.02	7.45E-13
rs182189621	G	A	0.16	0.02	7.45E-13
rs114545357	C	T	1.57	0.21	7.47E-13
rs79427974	G	C	0.08	0.01	7.47E-13
rs3772408	A	G	0.08	0.01	7.47E-13
rs144492992	G	C	0.2	0.02	7.48E-13
rs146791146	C	G	0.17	0.02	7.48E-13
rs141909364	A	T	0.16	0.02	7.51E-13
rs115085157	A	G	0.08	0.01	7.51E-13
rs145187598	C	G	0.08	0.01	7.54E-13
rs554524663	T	C	0.16	0.02	7.56E-13
rs184709499	A	G	0.82	0.11	7.57E-13
rs118190927	G	C	0.17	0.02	7.58E-13
rs116984050	T	C	0.18	0.02	7.59E-13
rs145118584	T	A	0.16	0.02	7.59E-13
rs73114073	G	A	0.21	0.03	7.59E-13
rs566558607	C	T	0.19	0.02	7.61E-13
rs73832617	G	A	0.74	0.1	7.61E-13
rs146934676	G	C	0.17	0.02	7.61E-13
rs148604863	C	A	0.16	0.02	7.62E-13
rs112760971	A	G	0.16	0.02	7.62E-13
rs189127559	G	A	0.16	0.02	7.63E-13
rs114333886	T	C	0.1	0.01	7.63E-13
rs546904740	C	T	0.14	0.02	7.64E-13
rs73949682	A	C	0.05	0.0079254	7.65E-13
rs182446091	G	T	0.08	0.01	7.65E-13
rs75978160	T	G	0.08	0.01	7.66E-13
rs75085567	C	T	0.08	0.01	7.67E-13
rs115540709	A	G	0.08	0.01	7.67E-13
rs112246174	G	A	0.19	0.02	7.68E-13
rs141892325	C	A	0.16	0.02	7.69E-13
rs547192270	A	G	0.22	0.03	7.69E-13
rs115519413	C	T	0.08	0.01	7.70E-13
rs77460475	A	G	0.08	0.01	7.70E-13
rs553044449	G	A	0.16	0.02	7.72E-13
rs568781367	C	T	0.18	0.02	7.75E-13
rs77868698	A	G	0.08	0.01	7.75E-13
rs146785214	C	T	0.3	0.04	7.75E-13
rs113623704	G	T	0.19	0.02	7.76E-13
rs112147110	C	T	0.19	0.02	7.76E-13
rs76537568	A	G	0.16	0.02	7.76E-13
rs575904499	T	C	0.16	0.02	7.77E-13
rs114294020	A	G	1.81	0.25	7.78E-13
rs563167193	A	G	0.05	0.0071192	7.78E-13
rs140462125	G	A	0.17	0.02	7.79E-13
rs76778922	T	C	0.14	0.02	7.79E-13
rs181764021	C	G	0.16	0.02	7.81E-13
rs58408007	C	T	0.17	0.02	7.81E-13
rs144357505	T	A	0.14	0.02	7.83E-13
rs28529673	A	G	0.17	0.02	7.83E-13
rs112076171	T	G	0.16	0.02	7.84E-13
rs74353532	T	G	0.08	0.01	7.84E-13
rs114659931	G	A	0.08	0.01	7.85E-13
rs138182068	C	T	0.16	0.02	7.86E-13
rs74499627	A	C	0.32	0.04	7.86E-13
rs751624472	G	A	0.05	0.0080186	7.87E-13
rs148441188	A	G	0.16	0.02	7.88E-13
rs73093439	T	G	0.16	0.02	7.89E-13
rs146846045	T	C	0.16	0.02	7.91E-13
rs191429446	T	A	0.24	0.03	7.92E-13
rs78580013	C	A	0.08	0.01	7.92E-13

rs147335186	T	C	0.16	0.02	7.93E-13
rs543969908	T	A	0.25	0.03	7.94E-13
rs115409686	C	T	0.24	0.03	7.94E-13
rs190861196	C	A	0.16	0.02	7.94E-13
rs115415582	C	T	0.08	0.01	7.95E-13
rs77862105	A	G	0.16	0.02	7.98E-13
rs185628410	C	T	0.17	0.02	7.98E-13
rs188242086	G	C	0.15	0.02	8.03E-13
rs28572670	C	T	0.17	0.02	8.03E-13
rs112733591	T	G	0.19	0.02	8.03E-13
rs111779047	T	G	0.16	0.02	8.03E-13
rs113818827	G	A	0.16	0.02	8.03E-13
rs574345956	T	C	0.16	0.02	8.03E-13
rs116339311	C	T	0.16	0.02	8.04E-13
rs112006327	T	C	0.14	0.02	8.04E-13
rs142195687	G	A	0.16	0.02	8.07E-13
rs192917584	A	C	0.16	0.02	8.08E-13
rs143473377	A	C	0.16	0.02	8.10E-13
rs181247234	C	A	0.16	0.02	8.10E-13
rs112616231	C	T	0.19	0.02	8.10E-13
rs566653182	G	T	0.3	0.04	8.12E-13
rs142946858	A	C	0.17	0.02	8.12E-13
rs73093427	C	T	0.16	0.02	8.13E-13
rs112162007	A	T	0.16	0.02	8.13E-13
rs186626228	T	C	0.08	0.01	8.14E-13
rs1011738	A	G	0.16	0.02	8.14E-13
rs184846549	C	G	0.16	0.02	8.14E-13
rs531181136	A	G	0.17	0.02	8.17E-13
2:96540174_G_A	A	G	0.07	0.0099872	8.17E-13
rs567519122	T	C	0.16	0.02	8.17E-13
rs150744743	A	C	0.16	0.02	8.17E-13
rs72911055	C	G	0.06	0.0086987	8.18E-13
rs151253297	A	G	0.19	0.02	8.18E-13
rs142414797	G	A	0.21	0.02	8.18E-13
rs114561386	T	C	0.17	0.02	8.19E-13
rs182099453	G	A	0.16	0.02	8.19E-13
rs561804154	G	A	0.16	0.02	8.21E-13
rs73394757	G	C	0.16	0.02	8.22E-13
rs542284837	T	C	0.16	0.02	8.23E-13
rs186866719	A	G	0.1	0.01	8.23E-13
rs10194495	C	T	0.16	0.02	8.23E-13
rs114284195	C	T	0.16	0.02	8.24E-13
rs147462907	A	G	0.16	0.02	8.25E-13
rs9991410	T	A	0.16	0.02	8.25E-13
rs142119657	G	T	0.16	0.02	8.28E-13
rs574685596	T	A	0.16	0.02	8.28E-13
rs184491874	T	G	0.17	0.02	8.28E-13
rs140487400	C	G	0.11	0.01	8.31E-13
rs181383439	C	G	0.16	0.02	8.33E-13
rs143904735	G	A	0.18	0.02	8.33E-13
rs114424572	C	T	0.16	0.02	8.35E-13
rs192031145	T	A	0.16	0.02	8.35E-13
rs571584330	T	C	0.06	0.008483	8.37E-13
rs141311593	C	T	0.17	0.02	8.39E-13
rs73093425	A	C	0.16	0.02	8.40E-13
rs372258974	G	A	0.16	0.02	8.41E-13
rs558181202	A	G	0.16	0.02	8.41E-13
rs76575189	C	T	0.16	0.02	8.41E-13
rs143355747	A	G	0.16	0.02	8.42E-13
rs57412994	A	G	0.17	0.02	8.43E-13
rs138052204	A	G	0.21	0.02	8.45E-13

rs146257698	T	C	0.19	0.02	8.45E-13
rs114347023	A	G	0.19	0.02	8.45E-13
rs114781257	G	A	0.19	0.02	8.45E-13
rs148503091	A	G	0.16	0.02	8.45E-13
rs115664405	G	T	0.16	0.02	8.46E-13
rs147265162	A	G	0.16	0.02	8.46E-13
rs116282818	T	G	0.16	0.02	8.47E-13
rs189923371	C	A	0.15	0.02	8.48E-13
rs139110211	A	G	0.19	0.02	8.48E-13
rs72938222	A	G	0.16	0.02	8.49E-13
rs145618325	A	G	0.19	0.02	8.49E-13
rs191903307	T	C	0.16	0.02	8.52E-13
rs193015188	A	G	0.16	0.02	8.52E-13
rs587692187	G	A	0.09	0.01	8.53E-13
rs142257029	G	A	0.08	0.01	8.53E-13
rs73994794	A	C	0.2	0.02	8.54E-13
rs542014002	A	T	0.21	0.02	8.54E-13
rs150674809	T	C	0.08	0.01	8.54E-13
rs563541373	A	G	0.03	0.0053494	8.55E-13
rs10247022	G	A	0.16	0.02	8.55E-13
rs139602656	T	C	0.08	0.01	8.55E-13
rs188050089	T	A	0.3	0.04	8.55E-13
rs183953169	C	T	0.17	0.02	8.55E-13
rs142206903	G	A	0.08	0.01	8.56E-13
rs9308850	T	C	0.16	0.02	8.56E-13
rs137856208	T	C	0.16	0.02	8.58E-13
rs114391659	A	G	0.58	0.08	8.60E-13
rs139899753	G	T	0.16	0.02	8.61E-13
rs60243874	A	T	0.16	0.02	8.62E-13
rs543704170	G	A	0.17	0.02	8.63E-13
rs181118695	A	G	0.21	0.02	8.63E-13
rs114987925	C	G	0.15	0.02	8.63E-13
rs141144478	G	A	0.16	0.02	8.64E-13
rs59449242	C	G	0.16	0.02	8.65E-13
rs143094769	A	G	0.16	0.02	8.65E-13
rs374926338	G	T	0.16	0.02	8.66E-13
rs116495465	G	A	0.16	0.02	8.67E-13
rs116724173	A	C	0.17	0.02	8.68E-13
rs142089617	C	G	0.16	0.02	8.68E-13
rs143769348	A	G	0.16	0.02	8.69E-13
rs528433450	T	C	0.47	0.06	8.69E-13
rs114541244	C	T	0.16	0.02	8.70E-13
rs184825039	T	C	0.84	0.11	8.70E-13
rs115793282	C	G	0.17	0.02	8.71E-13
rs115537502	A	G	0.16	0.02	8.72E-13
rs75586979	A	G	0.16	0.02	8.74E-13
rs139388084	G	C	0.16	0.02	8.74E-13
rs80048391	G	C	0.14	0.02	8.76E-13
rs116598163	G	A	0.16	0.02	8.79E-13
rs187146942	C	A	0.17	0.02	8.81E-13
rs560452768	C	T	0.05	0.0077447	8.81E-13
rs148722657	C	T	0.15	0.02	8.82E-13
rs115622489	T	C	0.16	0.02	8.83E-13
rs143099063	A	G	0.16	0.02	8.84E-13
rs114132301	G	A	0.08	0.01	8.85E-13
rs114158749	T	C	0.3	0.04	8.85E-13
rs371450069	A	C	0.16	0.02	8.86E-13
rs115103972	T	C	0.08	0.01	8.87E-13
rs191487417	C	G	0.16	0.02	8.88E-13
rs112389548	A	G	0.14	0.02	8.88E-13
rs540150865	T	C	0.16	0.02	8.89E-13

rs375675686	T	C	0.16	0.02	8.91E-13
rs192784245	T	C	0.17	0.02	8.91E-13
rs146599818	T	G	0.16	0.02	8.92E-13
rs74798275	A	G	0.25	0.03	8.93E-13
rs61757074	T	C	3.04	0.42	8.93E-13
rs188309169	C	T	0.17	0.02	8.93E-13
rs142672270	G	T	0.21	0.03	8.93E-13
rs115551353	G	A	0.16	0.02	8.93E-13
rs143916678	T	A	0.16	0.02	8.93E-13
rs114677890	C	T	0.16	0.02	8.94E-13
rs116769768	A	G	0.37	0.05	8.95E-13
rs531470998	G	T	0.53	0.07	8.95E-13
rs139175470	G	A	0.16	0.02	8.96E-13
rs576937132	T	G	0.16	0.02	8.96E-13
rs60436108	G	A	0.08	0.01	8.96E-13
rs114448521	T	G	0.08	0.01	8.96E-13
rs116533707	T	C	0.16	0.02	8.97E-13
rs139404817	T	C	10.75	1.5	8.97E-13
rs140894235	A	G	0.16	0.02	8.97E-13
rs114238677	A	G	1.56	0.21	8.98E-13
rs187999816	C	T	1.56	0.21	8.98E-13
rs142276237	A	T	0.19	0.02	8.98E-13
rs77462209	T	C	0.16	0.02	8.99E-13
rs116347374	T	C	0.16	0.02	8.99E-13
rs188416792	T	G	0.16	0.02	9.00E-13
rs73118617	T	C	0.17	0.02	9.00E-13
rs565523840	G	A	0.16	0.02	9.01E-13
rs141922353	G	A	0.16	0.02	9.01E-13
rs181788608	T	A	0.16	0.02	9.02E-13
rs187840074	A	C	0.09	0.01	9.02E-13
rs368250032	T	A	0.16	0.02	9.02E-13
rs115385182	T	A	0.16	0.02	9.04E-13
rs377455809	C	T	0.21	0.03	9.04E-13
rs553311872	T	C	0.25	0.03	9.05E-13
rs148793968	T	C	0.16	0.02	9.05E-13
rs114901310	G	A	0.08	0.01	9.05E-13
rs57108711	A	G	0.16	0.02	9.05E-13
rs538089837	G	C	0.16	0.02	9.06E-13
rs142112258	A	G	0.08	0.01	9.07E-13
rs114308275	C	T	0.14	0.01	9.08E-13
rs73287764	G	A	0.08	0.01	9.08E-13
rs114111226	A	T	0.15	0.02	9.08E-13
rs566029973	G	A	0.17	0.02	9.09E-13
rs552484413	A	G	0.14	0.02	9.10E-13
rs148648385	C	T	0.08	0.01	9.12E-13
rs13435772	G	A	0.17	0.02	9.14E-13
rs72851894	G	C	0.16	0.02	9.14E-13
rs374056455	A	G	0.16	0.02	9.15E-13
rs143194159	G	T	0.16	0.02	9.15E-13
rs73710393	T	C	0.16	0.02	9.16E-13
rs116454722	G	A	0.15	0.02	9.17E-13
rs150581758	C	T	0.16	0.02	9.19E-13
rs138106882	A	T	0.13	0.01	9.19E-13
rs193218048	T	A	0.37	0.05	9.21E-13
rs116265406	T	A	0.08	0.01	9.21E-13
rs114398083	T	G	0.17	0.02	9.21E-13
rs190755312	C	T	0.55	0.07	9.23E-13
rs565205596	T	C	0.16	0.02	9.23E-13
rs151036736	A	T	0.15	0.02	9.24E-13
rs532715716	A	G	0.16	0.02	9.25E-13
rs570279291	A	G	0.16	0.02	9.25E-13

rs114956183	C	A	0.16	0.02	9.25E-13
rs114450399	G	C	0.16	0.02	9.27E-13
rs73710377	T	C	0.16	0.02	9.28E-13
rs577780801	C	T	0.16	0.02	9.29E-13
rs146469359	T	C	1.2	0.16	9.30E-13
rs114200299	T	C	0.08	0.01	9.31E-13
rs78631701	A	G	0.16	0.02	9.32E-13
rs138220569	A	G	0.14	0.02	9.32E-13
rs150594225	G	T	0.15	0.02	9.33E-13
rs113041955	A	C	0.16	0.02	9.33E-13
rs113137676	T	C	0.08	0.01	9.35E-13
rs145981603	A	G	0.19	0.02	9.35E-13
rs572280112	G	A	0.14	0.02	9.36E-13
rs11466509	G	T	0.16	0.02	9.37E-13
rs76474828	T	C	0.3	0.04	9.37E-13
rs539543797	A	G	0.16	0.02	9.39E-13
rs147426120	A	G	0.16	0.02	9.39E-13
rs536467138	T	C	0.14	0.02	9.39E-13
rs548449344	A	G	0.29	0.04	9.40E-13
rs115259397	G	A	0.16	0.02	9.41E-13
rs146270268	T	C	0.16	0.02	9.45E-13
rs141670398	A	G	0.07	0.0098467	9.46E-13
rs189023398	T	G	0.16	0.02	9.46E-13
rs146289528	G	A	0.21	0.03	9.48E-13
rs533746756	A	G	7.03	0.98	9.48E-13
rs116799581	C	T	0.16	0.02	9.50E-13
rs151052631	C	T	0.42	0.05	9.50E-13
rs141651203	C	T	0.08	0.01	9.52E-13
rs114534406	A	G	0.08	0.01	9.52E-13
rs560234493	G	A	0.16	0.02	9.53E-13
rs532199258	G	A	0.04	0.0062157	9.55E-13
rs111780081	G	A	0.16	0.02	9.55E-13
rs570013201	A	C	0.08	0.01	9.56E-13
rs74648023	G	A	0.06	0.0089828	9.59E-13
rs116391536	A	G	0.16	0.02	9.59E-13
rs114243382	G	A	0.14	0.02	9.63E-13
rs372247775	C	T	0.17	0.02	9.63E-13
rs150249322	T	C	0.09	0.01	9.64E-13
rs572299055	A	G	0.05	0.007431	9.65E-13
rs139506598	A	T	0.16	0.02	9.65E-13
rs79463656	T	A	0.16	0.02	9.65E-13
rs78527218	T	C	0.05	0.0081471	9.67E-13
rs78316562	A	G	0.16	0.02	9.67E-13
rs117119814	C	T	0.16	0.02	9.68E-13
rs142318723	T	A	0.16	0.02	9.68E-13
rs151233025	T	C	0.16	0.02	9.69E-13
rs78091758	A	T	0.06	0.0087486	9.70E-13
rs148994037	A	G	0.14	0.02	9.71E-13
rs187192837	T	C	0.16	0.02	9.72E-13
rs182333591	A	G	0.17	0.02	9.74E-13
rs143742367	G	C	0.16	0.02	9.76E-13
rs113878352	A	G	0.16	0.02	9.79E-13
rs146370262	G	A	0.3	0.04	9.79E-13
rs150223741	T	C	0.16	0.02	9.79E-13
rs75083670	T	C	0.17	0.02	9.80E-13
rs12337243	A	G	0.09	0.01	9.80E-13
rs115546655	A	G	0.16	0.02	9.81E-13
rs114854676	T	C	0.16	0.02	9.82E-13
rs139531766	A	G	0.16	0.02	9.84E-13
rs137940778	C	G	0.08	0.01	9.84E-13
rs147079333	T	G	0.16	0.02	9.84E-13

rs541812890	T	C	0.16	0.02	9.85E-13
rs150794669	T	C	0.16	0.02	9.87E-13
rs75147493	G	C	0.15	0.02	9.88E-13
rs73313461	A	G	0.07	0.01	9.88E-13
rs115769434	A	C	0.08	0.01	9.88E-13
rs141249521	A	G	0.16	0.02	9.88E-13
rs73696348	A	T	0.15	0.02	9.89E-13
rs5935	T	C	0.08	0.01	9.90E-13
rs146319670	A	G	0.16	0.02	9.90E-13
rs143901939	T	G	0.07	0.01	9.90E-13
6:24748738_C_T	T	C	0.07	0.01	9.92E-13
rs146202893	A	T	0.16	0.02	9.93E-13
rs58370951	G	A	0.08	0.01	9.94E-13
rs80115961	T	C	0.15	0.02	9.97E-13
rs115729462	C	T	0.23	0.03	9.98E-13
rs116002886	G	A	0.09	0.01	9.99E-13
rs116388061	T	C	0.19	0.02	9.99E-13
rs150976545	G	A	0.16	0.02	1.00E-12
rs74528692	C	T	0.16	0.02	1.00E-12
rs376184666	T	G	0.08	0.01	1.00E-12
rs80028982	A	G	0.16	0.02	1.00E-12
rs112619406	T	C	0.21	0.02	1.01E-12
rs181907070	G	A	0.18	0.02	1.01E-12
rs188231743	G	A	0.16	0.02	1.01E-12
rs75936279	A	G	0.07	0.01	1.01E-12
rs150731058	A	T	0.18	0.02	1.01E-12
rs11995464	T	C	0.16	0.02	1.01E-12
rs142424300	A	G	0.17	0.02	1.01E-12
rs78575249	A	G	0.16	0.02	1.01E-12
rs142097586	T	A	0.11	0.01	1.01E-12
rs114175024	G	A	0.08	0.01	1.02E-12
rs78710389	C	G	0.08	0.01	1.02E-12
rs114858918	G	A	0.08	0.01	1.02E-12
rs140773645	T	C	0.16	0.02	1.02E-12
rs73699958	G	A	0.17	0.02	1.02E-12
rs111803088	A	G	0.16	0.02	1.02E-12
rs185178109	C	T	0.08	0.01	1.02E-12
rs148461666	T	C	0.16	0.02	1.02E-12
rs563390366	A	G	0.1	0.01	1.02E-12
rs141154241	A	G	0.16	0.02	1.02E-12
rs150163091	C	T	0.16	0.02	1.02E-12
rs187487661	C	T	0.16	0.02	1.02E-12
rs551261050	T	G	0.16	0.02	1.02E-12
rs185510077	A	G	0.18	0.02	1.02E-12
rs115785350	T	G	0.17	0.02	1.02E-12
rs115949609	C	A	0.17	0.02	1.02E-12
rs142896892	A	T	0.17	0.02	1.02E-12
rs148267248	C	A	0.07	0.01	1.02E-12
rs143294751	G	A	0.16	0.02	1.02E-12
rs181174908	A	G	7.02	0.98	1.02E-12
rs189275133	A	G	0.16	0.02	1.02E-12
rs79534441	T	C	0.09	0.01	1.03E-12
rs115518298	A	G	0.16	0.02	1.03E-12
rs114986483	A	G	0.08	0.01	1.03E-12
rs150431467	C	A	0.34	0.04	1.03E-12
rs77062251	A	C	0.08	0.01	1.03E-12
rs150525255	G	T	0.08	0.01	1.03E-12
rs115025907	C	A	0.16	0.02	1.04E-12
rs145103857	G	A	0.18	0.02	1.04E-12
rs149708923	C	T	0.17	0.02	1.04E-12
rs569064896	A	T	0.14	0.02	1.04E-12

rs114285625	A	C	0.24	0.03	1.045E-12
rs142989828	A	T	0.16	0.02	1.05E-12
rs139698515	G	A	0.21	0.03	1.05E-12
rs143557623	G	T	0.16	0.02	1.05E-12
rs538172407	G	T	0.22	0.03	1.05E-12
rs78658447	G	A	0.16	0.02	1.05E-12
rs55724862	A	G	0.16	0.02	1.05E-12
rs576898240	T	C	0.08	0.01	1.05E-12
rs12348096	G	A	0.09	0.01	1.05E-12
rs142740332	T	C	0.13	0.01	1.054E-12
rs181135638	A	C	0.16	0.02	1.05E-12
rs149597382	T	C	0.16	0.02	1.05E-12
rs145846613	G	A	0.16	0.02	1.058E-12
rs376824878	G	A	0.17	0.02	1.061E-12
rs150323359	G	A	0.17	0.02	1.063E-12
rs188615273	T	G	0.86	0.12	1.06E-12
rs142197702	C	A	0.27	0.03	1.06E-12
rs114347427	A	G	0.25	0.03	1.06E-12
rs55690630	G	A	0.16	0.02	1.06E-12
rs79066068	T	C	0.18	0.02	1.065E-12
rs183236431	A	G	0.16	0.02	1.065E-12
rs201181001	C	G	0.16	0.02	1.07E-12
rs140133068	G	A	0.15	0.02	1.071E-12
rs73856908	C	A	0.16	0.02	1.07E-12
rs80128261	T	C	0.16	0.02	1.08E-12
rs187217464	G	A	0.17	0.02	1.08E-12
rs190207602	A	C	0.16	0.02	1.08E-12
rs763441361	G	T	0.05	0.0083616	1.078E-12
rs115817795	C	G	0.16	0.02	1.08E-12
rs188483879	T	A	0.16	0.02	1.08E-12
rs116047006	T	C	0.16	0.02	1.079E-12
rs190842690	A	G	0.31	0.04	1.079E-12
rs144982955	A	G	0.16	0.02	1.08E-12
rs192219449	C	G	0.29	0.04	1.08E-12
rs192447565	A	G	0.17	0.02	1.08E-12
rs72928661	G	A	0.08	0.01	1.08E-12
rs147136832	A	G	0.24	0.03	1.08E-12
rs184273169	G	A	0.27	0.03	1.09E-12
rs143528096	A	C	0.16	0.02	1.09E-12
rs554019329	C	T	0.17	0.02	1.09E-12
rs553960531	A	C	0.09	0.01	1.09E-12
rs112773641	A	G	0.19	0.02	1.087E-12
rs148983916	A	C	0.16	0.02	1.09E-12
rs140106502	G	C	0.16	0.02	1.09E-12
rs6449107	T	C	0.16	0.02	1.09E-12
rs192968243	T	G	0.24	0.03	1.09E-12
rs746938197	T	C	0.04	0.0062143	1.10E-12
rs187107249	A	G	0.15	0.02	1.10E-12
rs76343725	C	T	0.08	0.01	1.10E-12
rs115396253	T	C	0.09	0.01	1.10E-12
rs146367862	C	A	0.16	0.02	1.10E-12
rs111606863	A	C	0.08	0.01	1.10E-12
rs191260190	A	G	0.18	0.02	1.10E-12
rs80260487	A	C	0.16	0.02	1.10E-12
rs116205847	G	A	0.16	0.02	1.10E-12
rs6787998	C	A	0.08	0.01	1.11E-12
rs531415258	A	G	0.17	0.02	1.11E-12
rs112952423	T	G	0.16	0.02	1.11E-12
rs73040062	C	A	0.16	0.02	1.11E-12
rs138300023	A	G	0.08	0.01	1.109E-12
rs112058929	G	A	0.16	0.02	1.11E-12



rs535218285	T	C	0.16	0.02	1.11E-12
rs147963255	G	T	0.08	0.01	1.113E-12
rs141055070	A	G	0.16	0.02	1.11E-12
rs111231159	C	G	0.16	0.02	1.11E-12
rs79302955	C	T	0.08	0.01	1.12E-12
rs114640101	T	G	0.16	0.02	1.12E-12
rs371415420	T	C	0.18	0.02	1.12E-12
rs577286921	A	T	0.17	0.02	1.12E-12
rs181650035	G	C	0.16	0.02	1.12E-12
rs587739744	C	T	3.54	0.49	1.13E-12
rs138030939	T	G	0.08	0.01	1.13E-12
rs115002703	T	C	0.12	0.01	1.13E-12
rs149708506	G	A	0.16	0.02	1.13E-12
rs548589386	G	T	0.2	0.02	1.13E-12
rs112626898	T	C	0.16	0.02	1.13E-12
rs79973297	G	C	0.16	0.02	1.14E-12
rs148460521	C	T	0.16	0.02	1.14E-12
rs185935932	T	C	0.17	0.02	1.14E-12
rs116422966	A	G	0.08	0.01	1.14E-12
rs575860659	A	C	0.06	0.0097333	1.14E-12
rs116053501	G	A	0.09	0.01	1.15E-12
rs149347927	G	A	0.19	0.02	1.15E-12
rs116725610	A	G	0.29	0.04	1.15E-12
rs111955136	A	G	0.16	0.02	1.15E-12
rs76260432	C	A	0.19	0.02	1.15E-12
rs111686709	G	T	0.15	0.02	1.15E-12
rs374853745	A	G	0.16	0.02	1.15E-12
rs11898442	T	C	0.17	0.02	1.15E-12
rs527715946	C	T	0.16	0.02	1.15E-12
rs112977868	T	C	0.33	0.04	1.16E-12
rs147377079	T	C	0.08	0.01	1.16E-12
rs373253747	A	G	0.19	0.02	1.16E-12
rs558366326	A	G	0.16	0.02	1.157E-12
rs117867928	G	A	0.16	0.02	1.16E-12
rs142662246	G	A	0.18	0.02	1.16E-12
rs188474277	G	A	1.36	0.19	1.16E-12
rs150732963	G	C	0.1	0.01	1.16E-12
rs73093422	G	A	0.16	0.02	1.16E-12
rs556863066	A	G	0.06	0.0092573	1.16E-12
rs560256502	G	A	0.05	0.0073149	1.16E-12
rs115214785	A	C	0.16	0.02	1.16E-12
rs140816480	A	T	0.14	0.01	1.163E-12
rs141821138	A	G	0.18	0.02	1.16E-12
rs532001178	G	A	0.35	0.04	1.16E-12
rs57764806	T	C	0.08	0.01	1.16E-12
rs138698783	A	C	0.16	0.02	1.17E-12
rs576183673	C	T	0.18	0.02	1.17E-12
rs115873551	T	A	0.16	0.02	1.17E-12
rs192095302	T	C	0.26	0.03	1.17E-12
rs56337634	C	G	0.16	0.02	1.17E-12
rs73378053	C	G	0.08	0.01	1.17E-12
rs137926839	G	A	0.25	0.03	1.17E-12
rs150257517	A	G	0.08	0.01	1.173E-12
rs115925589	A	G	0.08	0.01	1.17E-12
rs186178185	A	G	0.17	0.02	1.18E-12
rs193143776	C	T	0.16	0.02	1.18E-12
rs144114468	T	C	0.12	0.01	1.18E-12
rs115275886	G	A	0.2	0.02	1.18E-12
rs79089154	A	G	0.16	0.02	1.18E-12
rs548526144	C	G	0.16	0.02	1.18E-12
rs114940408	T	G	0.16	0.02	1.18E-12

rs186148148	A	G	0.16	0.02	1.19E-12
rs531654273	T	C	0.15	0.02	1.186E-12
rs757233283	A	G	0.05	0.0077938	1.186E-12
rs144568259	A	T	0.21	0.03	1.19E-12
rs146897906	T	C	0.08	0.01	1.19E-12
rs75952669	A	G	0.16	0.02	1.19E-12
rs57822820	C	T	0.18	0.02	1.19E-12
7:72855125_T_C	C	T	0.08	0.01	1.19E-12
rs149987201	C	G	0.16	0.02	1.19E-12
rs144054153	T	G	0.16	0.02	1.19E-12
rs116651174	C	G	0.16	0.02	1.19E-12
rs75055033	A	G	0.16	0.02	1.19E-12
rs183227974	G	A	0.08	0.01	1.19E-12
rs74989265	T	A	0.09	0.01	1.19E-12
rs183364887	G	A	0.16	0.02	1.20E-12
rs74961339	G	A	0.16	0.02	1.20E-12
rs192272185	G	T	0.25	0.03	1.20E-12
rs10004769	C	G	0.76	0.1	1.20E-12
rs143933785	G	A	0.13	0.01	1.20E-12
rs77151288	A	G	0.36	0.05	1.202E-12
rs188686771	A	G	0.16	0.02	1.20E-12
rs116334363	T	C	0.09	0.01	1.20E-12
rs529682040	G	C	0.35	0.04	1.20E-12
rs17070126	C	G	0.32	0.04	1.20E-12
rs115470047	T	C	0.16	0.02	1.20E-12
rs140389778	A	G	0.18	0.02	1.20E-12
rs185205975	C	T	0.16	0.02	1.206E-12
rs190843795	A	T	0.16	0.02	1.21E-12
rs182401922	T	G	0.35	0.04	1.21E-12
rs115730511	A	G	0.35	0.04	1.21E-12
rs151212638	A	G	0.08	0.01	1.21E-12
rs77975949	T	C	0.08	0.01	1.21E-12
rs79421441	G	A	0.08	0.01	1.21E-12
rs191660589	C	A	0.35	0.04	1.21E-12
rs138639560	A	G	0.16	0.02	1.21E-12
rs61398740	G	A	0.04	0.0066677	1.212E-12
rs149398677	C	A	0.15	0.02	1.21E-12
rs529781651	C	T	0.05	0.0075339	1.21E-12
rs184724829	A	G	0.08	0.01	1.21E-12
rs114167426	A	G	0.35	0.04	1.22E-12
rs190261323	A	T	0.35	0.04	1.22E-12
rs538217065	C	T	0.16	0.02	1.22E-12
rs182424071	C	T	0.35	0.04	1.22E-12
rs144521460	G	A	0.08	0.01	1.22E-12
4:93925309_T_G	G	T	0.04	0.0065436	1.22E-12
rs114883466	C	G	0.08	0.01	1.22E-12
rs114357834	G	A	0.08	0.01	1.22E-12
rs115902995	T	A	0.18	0.02	1.22E-12
rs113476230	C	T	0.18	0.02	1.22E-12
rs189069109	A	G	0.15	0.02	1.223E-12
rs150815139	T	C	0.13	0.01	1.22E-12
rs4150059	G	T	0.16	0.02	1.22E-12
rs779746559	C	T	0.08	0.01	1.22E-12
rs75653671	C	A	0.16	0.02	1.22E-12
rs143665699	T	C	0.16	0.02	1.23E-12
rs60255661	A	G	0.08	0.01	1.23E-12
rs138770908	A	T	0.16	0.02	1.23E-12
rs6953857	T	C	0.12	0.01	1.23E-12
rs111720062	C	G	0.17	0.02	1.23E-12
rs140640726	C	T	0.16	0.02	1.23E-12
rs184335730	G	A	0.18	0.02	1.23E-12

rs182092150	A	C	0.15	0.02	1.23E-12
rs183853830	A	T	0.18	0.02	1.23E-12
rs868977681	G	A	0.16	0.02	1.229E-12
rs142784301	T	C	0.18	0.02	1.23E-12
rs77462556	T	C	0.16	0.02	1.23E-12
rs76971189	A	G	0.24	0.03	1.23E-12
rs138082071	C	T	0.35	0.04	1.23E-12
rs143795602	A	G	0.15	0.02	1.23E-12
rs181105266	G	A	0.16	0.02	1.235E-12
rs78641775	G	A	0.08	0.01	1.24E-12
rs79044023	A	G	0.2	0.02	1.24E-12
rs189770463	G	A	0.1	0.01	1.24E-12
rs150523956	A	T	1.64	0.23	1.236E-12
rs75757257	A	G	0.08	0.01	1.238E-12
rs116802569	T	C	0.16	0.02	1.24E-12
rs571736910	G	A	0.16	0.02	1.24E-12
rs73949678	C	A	0.05	0.0078353	1.24E-12
rs569446158	T	C	0.18	0.02	1.24E-12
rs535108134	G	A	0.16	0.02	1.24E-12
rs28367997	T	C	0.16	0.02	1.24E-12
rs183413858	A	G	0.15	0.02	1.24E-12
rs144474370	C	G	0.66	0.09	1.24E-12
rs79704960	A	G	0.14	0.02	1.245E-12
rs115381859	C	T	0.16	0.02	1.25E-12
rs75480843	C	A	0.08	0.01	1.25E-12
rs116474718	T	C	0.16	0.02	1.246E-12
rs75489567	G	A	0.08	0.01	1.25E-12
rs12245619	A	C	0.16	0.02	1.25E-12
rs6771016	A	C	0.13	0.01	1.25E-12
rs141751918	A	G	0.16	0.02	1.252E-12
rs147843569	T	C	0.16	0.02	1.25E-12
rs115484532	T	C	0.17	0.02	1.25E-12
rs147732704	C	G	0.16	0.02	1.25E-12
rs114312580	A	C	0.16	0.02	1.25E-12
rs28763950	T	G	0.09	0.01	1.256E-12
rs145448833	G	A	0.16	0.02	1.26E-12
rs147270375	T	C	0.08	0.01	1.26E-12
rs115005571	C	T	0.16	0.02	1.26E-12
rs74446334	T	C	0.16	0.02	1.26E-12
rs551492302	A	G	0.16	0.02	1.26E-12
rs58516018	G	A	0.08	0.01	1.262E-12
rs192275377	A	G	0.16	0.02	1.26E-12
rs79355379	G	T	0.08	0.01	1.26E-12
rs11892552	G	T	0.19	0.02	1.264E-12
rs188093416	T	C	0.16	0.02	1.27E-12
rs141991247	T	C	0.12	0.01	1.27E-12
rs150232035	C	T	0.16	0.02	1.27E-12
rs142676260	A	C	0.08	0.01	1.27E-12
rs756505657	C	T	0.04	0.0066831	1.27E-12
rs186929074	A	T	0.16	0.02	1.274E-12
rs531285395	C	T	0.24	0.03	1.27E-12
rs147325762	A	G	0.16	0.02	1.27E-12
rs184999411	C	T	0.17	0.02	1.275E-12
rs75373317	C	T	0.16	0.02	1.28E-12
rs138034773	T	C	0.16	0.02	1.28E-12
rs538106958	G	A	0.16	0.02	1.28E-12
rs191775415	C	T	0.18	0.02	1.28E-12
rs140712493	G	T	0.16	0.02	1.28E-12
rs114386336	C	T	0.16	0.02	1.28E-12
rs75661303	T	G	0.53	0.07	1.28E-12
rs185823761	G	C	0.15	0.02	1.29E-12

rs141748358	T	C	0.14	0.02	1.29E-12
rs139266407	A	G	0.16	0.02	1.29E-12
rs570869383	A	T	0.16	0.02	1.29E-12
rs79452866	G	C	0.22	0.03	1.294E-12
rs116556616	A	G	0.16	0.02	1.29E-12
rs113698057	C	T	0.19	0.02	1.30E-12
rs137866809	T	C	0.51	0.07	1.30E-12
rs190248345	T	C	0.24	0.03	1.30E-12
rs140962099	T	C	6.99	0.98	1.30E-12
rs147412759	T	C	0.16	0.02	1.30E-12
rs116473978	G	A	0.08	0.01	1.31E-12
rs575346602	C	T	0.14	0.02	1.31E-12
rs114637936	T	G	0.16	0.02	1.31E-12
rs79777102	G	A	0.12	0.01	1.31E-12
rs114243828	A	G	0.13	0.01	1.31E-12
rs76224345	T	C	0.18	0.02	1.31E-12
rs534159340	C	A	0.17	0.02	1.31E-12
rs115655979	C	T	0.16	0.02	1.31E-12
rs563710076	C	A	0.16	0.02	1.32E-12
rs13387139	C	T	0.16	0.02	1.32E-12
rs114650450	A	T	0.08	0.01	1.32E-12
rs555907273	C	G	0.16	0.02	1.32E-12
rs557980985	T	C	0.16	0.02	1.32E-12
rs148968066	T	C	0.16	0.02	1.32E-12
rs150248195	C	G	0.16	0.02	1.32E-12
rs536358041	T	G	0.16	0.02	1.32E-12
rs541296751	C	T	0.16	0.02	1.323E-12
rs557346681	G	A	0.16	0.02	1.32E-12
rs146476080	C	T	0.16	0.02	1.33E-12
rs114859769	A	T	0.58	0.08	1.33E-12
rs139552838	T	C	0.16	0.02	1.33E-12
rs570833172	G	A	0.16	0.02	1.33E-12
rs140798263	T	C	0.16	0.02	1.33E-12
rs112562826	C	G	0.16	0.02	1.33E-12
rs111479470	C	A	0.16	0.02	1.33E-12
rs142560341	G	C	0.17	0.02	1.33E-12
rs73800510	T	C	0.08	0.01	1.33E-12
rs116209600	A	G	0.08	0.01	1.33E-12
rs549051824	T	C	0.16	0.02	1.33E-12
rs532663076	A	G	0.11	0.01	1.33E-12
rs147435687	T	C	0.72	0.1	1.335E-12
rs576523267	C	T	0.25	0.03	1.34E-12
rs568027640	C	T	0.58	0.08	1.34E-12
rs144939928	A	T	0.25	0.03	1.339E-12
rs34431085	T	C	0.17	0.02	1.34E-12
rs147031504	C	T	0.16	0.02	1.34E-12
rs146830498	A	G	0.16	0.02	1.34E-12
rs115995174	T	G	0.16	0.02	1.34E-12
rs113536559	A	G	0.16	0.02	1.344E-12
rs143678761	C	A	0.16	0.02	1.35E-12
rs145378989	G	T	0.16	0.02	1.35E-12
rs116251257	C	G	0.16	0.02	1.35E-12
rs114542841	G	A	0.18	0.02	1.35E-12
rs75545979	C	T	0.17	0.02	1.36E-12
rs138341938	T	C	0.16	0.02	1.36E-12
rs9985936	G	A	0.17	0.02	1.363E-12
rs542595664	A	G	0.17	0.02	1.36E-12
rs562324051	T	C	0.16	0.02	1.36E-12
rs181349659	A	G	0.19	0.02	1.36E-12
rs144791864	T	C	1.6	0.22	1.36E-12
rs531179233	G	A	0.16	0.02	1.36E-12

rs557168225	T	C	0.16	0.02	1.36E-12
rs7826856	T	C	0.13	0.01	1.37E-12
rs142173537	A	C	0.14	0.02	1.37E-12
rs72905887	A	G	0.16	0.02	1.37E-12
rs115762489	T	C	0.16	0.02	1.37E-12
rs142688351	T	C	0.16	0.02	1.37E-12
rs78310270	G	A	0.16	0.02	1.37E-12
rs116433298	A	T	0.16	0.02	1.38E-12
rs544184744	T	G	0.24	0.03	1.38E-12
rs58877772	T	A	0.17	0.02	1.38E-12
rs566964015	C	T	0.16	0.02	1.38E-12
rs185931606	A	G	0.08	0.01	1.38E-12
rs13432612	A	G	0.16	0.02	1.38E-12
rs74536371	C	G	0.21	0.02	1.38E-12
rs192914579	C	T	0.08	0.01	1.38E-12
rs570873966	G	A	8.43	1.18	1.382E-12
rs567907045	T	A	0.16	0.02	1.39E-12
rs77439247	G	C	0.16	0.02	1.39E-12
rs113741679	C	T	0.16	0.02	1.39E-12
rs146984688	T	G	0.27	0.03	1.39E-12
rs550954859	A	C	0.16	0.02	1.39E-12
rs551534979	A	G	0.16	0.02	1.39E-12
rs559410649	T	C	0.16	0.02	1.39E-12
rs571477837	C	T	0.16	0.02	1.39E-12
rs112984956	T	A	0.16	0.02	1.40E-12
rs73841430	C	T	0.19	0.02	1.40E-12
rs73564115	T	C	0.1	0.01	1.40E-12
rs77406407	T	C	0.08	0.01	1.40E-12
rs4615656	G	A	0.16	0.02	1.41E-12
rs114920200	T	C	0.05	0.0083752	1.407E-12
rs567895064	G	A	0.16	0.02	1.41E-12
rs76018664	G	A	0.05	0.0078697	1.41E-12
rs145741973	G	A	0.16	0.02	1.41E-12
rs551263165	G	A	0.17	0.02	1.412E-12
rs73387931	A	G	0.16	0.02	1.41E-12
rs527778801	T	G	0.16	0.02	1.41E-12
rs112266531	T	C	0.4	0.05	1.41E-12
rs575477715	A	G	0.16	0.02	1.42E-12
rs145022466	G	A	0.16	0.02	1.42E-12
rs73879269	T	C	0.08	0.01	1.42E-12
rs183353963	C	T	0.08	0.01	1.42E-12
rs147977978	G	A	0.14	0.02	1.42E-12
rs12623815	T	C	0.08	0.01	1.42E-12
rs552341835	C	T	0.16	0.02	1.42E-12
rs564524832	G	C	0.16	0.02	1.42E-12
rs542638409	G	A	0.16	0.02	1.43E-12
rs551307097	C	T	0.16	0.02	1.43E-12
rs148439138	T	C	0.16	0.02	1.43E-12
rs181082641	T	C	0.16	0.02	1.428E-12
rs115177828	C	T	0.16	0.02	1.429E-12
rs538553857	A	G	0.16	0.02	1.429E-12
rs114125573	A	G	0.04	0.0060408	1.43E-12
rs143363880	G	T	0.34	0.04	1.43E-12
rs577166006	G	C	0.08	0.01	1.43E-12
rs74655587	T	C	0.09	0.01	1.43E-12
rs541401789	C	G	0.17	0.02	1.43E-12
rs538069334	A	G	0.16	0.02	1.43E-12
rs73656337	A	G	0.16	0.02	1.434E-12
rs147215791	C	G	0.3	0.04	1.44E-12
rs147078014	T	C	0.16	0.02	1.44E-12
rs192009550	A	G	0.16	0.02	1.44E-12

rs145098174	C	T	0.16	0.02	1.44E-12
rs115088042	C	A	0.19	0.02	1.45E-12
rs74051104	T	C	0.08	0.01	1.45E-12
rs187020132	C	T	0.08	0.01	1.45E-12
rs571318824	T	C	0.17	0.02	1.45E-12
rs145214797	G	A	0.07	0.01	1.45E-12
rs192357342	A	G	0.14	0.02	1.45E-12
rs543738602	C	G	0.16	0.02	1.45E-12
rs778216394	C	G	0.02	0.0029256	1.45E-12
rs190363487	A	G	0.17	0.02	1.45E-12
rs114393517	C	A	0.14	0.02	1.45E-12
rs538863948	G	A	0.16	0.02	1.455E-12
rs116542467	G	A	0.16	0.02	1.455E-12
rs558638337	C	T	0.16	0.02	1.46E-12
rs60810625	G	A	0.05	0.007869	1.46E-12
rs145257497	G	A	0.17	0.02	1.46E-12
rs114460637	G	A	0.15	0.02	1.464E-12
rs190749609	G	C	0.16	0.02	1.465E-12
rs145782937	A	G	0.09	0.01	1.47E-12
rs141269962	C	T	0.1	0.01	1.47E-12
rs558751375	G	A	0.17	0.02	1.48E-12
rs73710378	G	A	0.16	0.02	1.48E-12
rs530172432	G	A	0.16	0.02	1.48E-12
rs77279470	T	C	0.09	0.01	1.48E-12
rs114269421	T	C	0.16	0.02	1.49E-12
rs148345018	T	C	0.16	0.02	1.49E-12
rs184294141	T	G	0.16	0.02	1.49E-12
rs142502224	A	C	0.16	0.02	1.49E-12
rs114960803	T	C	0.15	0.02	1.49E-12
rs116446922	A	G	0.05	0.0078173	1.50E-12
rs142553983	A	G	0.24	0.03	1.50E-12
rs113369672	C	T	0.15	0.02	1.507E-12
rs193130371	T	C	0.16	0.02	1.51E-12
rs113674101	A	T	0.15	0.02	1.51E-12
rs112757057	A	G	0.15	0.02	1.51E-12
rs115981717	A	T	0.15	0.02	1.514E-12
rs115719260	G	A	0.17	0.02	1.51E-12
rs183591603	T	C	0.16	0.02	1.52E-12
rs149613965	C	A	0.15	0.02	1.52E-12
rs188060469	C	T	0.51	0.07	1.52E-12
rs547264317	A	G	0.63	0.09	1.518E-12
rs559946459	G	A	0.16	0.02	1.52E-12
rs113405878	G	A	0.16	0.02	1.523E-12
rs562746206	T	A	0.05	0.0077671	1.524E-12
rs144483687	A	G	0.16	0.02	1.53E-12
rs74878399	G	A	0.16	0.02	1.53E-12
rs112696200	T	G	0.15	0.02	1.53E-12
rs116271037	T	A	0.15	0.02	1.53E-12
rs148975824	C	T	0.16	0.02	1.53E-12
rs141132268	A	G	0.16	0.02	1.536E-12
rs116070423	T	G	0.08	0.01	1.54E-12
rs183663799	G	A	0.16	0.02	1.54E-12
rs74400768	A	C	0.09	0.01	1.54E-12
rs116733175	C	T	0.16	0.02	1.54E-12
rs144426507	T	C	0.16	0.02	1.54E-12
rs192074126	A	G	0.16	0.02	1.54E-12
rs11956719	T	C	0.14	0.02	1.54E-12
rs189536451	A	T	0.71	0.1	1.55E-12
rs114797870	A	G	0.08	0.01	1.55E-12
rs145610770	C	A	0.2	0.02	1.55E-12
rs115894543	T	C	0.23	0.03	1.557E-12

rs148814761	A	G	0.12	0.01	1.56E-12
rs548016868	A	G	0.26	0.03	1.56E-12
rs754320369	C	G	0.05	0.0080251	1.56E-12
rs151081058	A	G	0.08	0.01	1.56E-12
rs182920032	G	C	0.11	0.01	1.57E-12
rs115577340	G	T	0.16	0.02	1.57E-12
rs115643544	T	C	0.16	0.02	1.57E-12
rs527558852	A	G	0.19	0.02	1.58E-12
rs147000897	A	G	0.17	0.02	1.58E-12
rs74668730	A	C	0.16	0.02	1.58E-12
rs11977074	T	A	0.15	0.02	1.58E-12
rs34282765	A	G	0.16	0.02	1.58E-12
rs73536855	C	T	0.19	0.02	1.59E-12
rs557905478	T	C	0.04	0.0058679	1.59E-12
rs117977102	C	T	0.34	0.04	1.59E-12
rs150343485	A	T	0.39	0.05	1.59E-12
rs79709739	T	A	0.26	0.03	1.60E-12
rs116547716	T	C	0.16	0.02	1.60E-12
rs145627892	A	G	0.16	0.02	1.60E-12
rs148200618	T	G	0.16	0.02	1.61E-12
rs139552486	A	G	0.08	0.01	1.61E-12
rs115629996	T	C	0.11	0.01	1.61E-12
rs114935222	C	T	0.16	0.02	1.61E-12
rs114965323	A	G	0.07	0.01	1.61E-12
rs76832338	T	A	0.08	0.01	1.61E-12
rs140735725	T	C	0.08	0.01	1.61E-12
rs182445886	T	C	2.28	0.32	1.613E-12
rs191052430	C	A	0.16	0.02	1.61E-12
rs112912823	T	C	0.15	0.02	1.62E-12
rs115134662	C	A	0.16	0.02	1.62E-12
rs183865329	T	C	0.18	0.02	1.62E-12
rs189948530	A	G	0.15	0.02	1.619E-12
rs115330440	C	T	0.16	0.02	1.62E-12
rs145539299	T	C	0.43	0.06	1.62E-12
rs150005474	C	T	0.13	0.01	1.62E-12
rs184291228	T	C	0.17	0.02	1.62E-12
rs542684191	G	A	0.15	0.02	1.62E-12
rs370235591	A	C	0.08	0.01	1.63E-12
rs138630218	C	T	0.16	0.02	1.631E-12
rs575124574	A	G	0.16	0.02	1.63E-12
rs549436019	G	T	0.08	0.01	1.64E-12
rs114220520	G	A	0.08	0.01	1.64E-12
rs375721139	A	G	0.05	0.0079759	1.64E-12
rs184459444	T	C	0.12	0.01	1.64E-12
rs116142808	A	T	0.17	0.02	1.64E-12
rs182637504	A	G	0.16	0.02	1.64E-12
rs183005038	G	A	0.16	0.02	1.64E-12
rs186565530	T	G	0.16	0.02	1.64E-12
rs141457684	G	C	0.15	0.02	1.64E-12
rs188980457	T	C	0.06	0.0092215	1.65E-12
rs116723600	G	A	0.16	0.02	1.65E-12
rs116317454	C	T	0.16	0.02	1.65E-12
rs143050063	G	A	0.05	0.0077683	1.65E-12
rs528237824	T	A	0.85	0.12	1.65E-12
rs115991203	C	G	0.09	0.01	1.65E-12
rs76272924	T	C	0.16	0.02	1.65E-12
rs150619021	T	C	0.3	0.04	1.657E-12
rs115945757	A	G	0.2	0.02	1.66E-12
rs116793385	C	G	0.23	0.03	1.66E-12
rs187086366	G	A	0.21	0.03	1.664E-12
rs115799216	T	C	0.16	0.02	1.67E-12

rs113527277	C	G	0.16	0.02	1.67E-12
rs149974452	G	C	0.15	0.02	1.67E-12
rs2172493	T	A	0.16	0.02	1.67E-12
rs181077061	C	A	0.14	0.01	1.67E-12
rs140254065	A	C	0.17	0.02	1.67E-12
rs114131334	T	C	0.16	0.02	1.68E-12
rs76717723	T	C	0.16	0.02	1.68E-12
rs73694502	C	A	0.16	0.02	1.69E-12
rs11925588	A	G	0.04	0.0059259	1.69E-12
rs72956835	T	C	0.16	0.02	1.69E-12
rs185536502	A	G	0.16	0.02	1.69E-12
rs116195917	A	G	0.16	0.02	1.689E-12
rs532103201	T	G	0.17	0.02	1.69E-12
rs574200491	T	C	0.06	0.0085251	1.69E-12
rs554238445	A	C	0.16	0.02	1.69E-12
rs115391571	T	C	0.11	0.01	1.69E-12
rs115220803	T	A	0.17	0.02	1.69E-12
rs147022218	C	T	0.18	0.02	1.69E-12
rs113676224	G	T	0.16	0.02	1.69E-12
rs143133985	A	G	0.15	0.02	1.69E-12
rs145081691	G	A	0.18	0.02	1.69E-12
rs73533893	C	T	0.16	0.02	1.69E-12
rs138035838	C	T	0.18	0.02	1.70E-12
rs113637399	G	A	0.16	0.02	1.70E-12
rs7762443	T	C	0.17	0.02	1.70E-12
rs2993016	A	G	0.16	0.02	1.70E-12
rs45557438	T	C	0.16	0.02	1.70E-12
rs188269480	A	T	0.16	0.02	1.70E-12
rs185182100	T	G	0.16	0.02	1.71E-12
rs190825543	T	C	0.16	0.02	1.71E-12
rs149568415	A	G	0.16	0.02	1.71E-12
rs549312330	G	C	0.15	0.02	1.71E-12
rs186524679	G	A	0.16	0.02	1.71E-12
rs116476045	T	C	0.16	0.02	1.71E-12
rs146685959	T	C	0.16	0.02	1.71E-12
rs141031088	A	G	0.16	0.02	1.71E-12
rs75856531	A	G	0.16	0.02	1.71E-12
rs115287739	C	T	0.16	0.02	1.72E-12
rs146540234	C	G	0.15	0.02	1.72E-12
rs543080380	T	C	0.16	0.02	1.72E-12
rs149502391	T	C	0.3	0.04	1.72E-12
rs569297794	T	C	0.55	0.07	1.73E-12
rs149054911	T	C	0.16	0.02	1.73E-12
rs146471501	A	G	0.15	0.02	1.73E-12
rs146393883	T	G	0.16	0.02	1.73E-12
rs184814612	C	T	0.16	0.02	1.73E-12
rs140190831	G	A	0.17	0.02	1.73E-12
rs73752114	C	G	0.16	0.02	1.73E-12
rs138450121	C	T	0.25	0.03	1.73E-12
rs149994252	G	T	0.08	0.01	1.74E-12
rs115386697	G	C	0.14	0.02	1.747E-12
rs145623071	C	T	0.14	0.02	1.75E-12
rs147612731	T	G	0.16	0.02	1.75E-12
rs139932110	T	C	0.59	0.08	1.75E-12
rs61137870	C	A	0.15	0.02	1.75E-12
rs541180156	G	A	0.04	0.0064064	1.75E-12
rs145992428	C	T	0.16	0.02	1.753E-12
rs544304373	G	T	0.04	0.0056971	1.76E-12
rs113825149	A	T	0.16	0.02	1.76E-12
rs138406096	G	A	0.11	0.01	1.759E-12
rs147272114	C	T	0.28	0.03	1.76E-12



rs59784693	T	C	0.13	0.01	1.761E-12
rs192820694	A	C	0.16	0.02	1.76E-12
rs149814189	A	T	0.05	0.0077591	1.77E-12
rs114583210	A	T	0.16	0.02	1.77E-12
rs190789501	C	G	0.16	0.02	1.77E-12
rs184373286	A	G	0.15	0.02	1.77E-12
rs191557721	G	A	0.16	0.02	1.78E-12
rs191546256	T	C	0.34	0.04	1.78E-12
rs114864253	C	G	0.16	0.02	1.78E-12
rs181651159	C	T	0.15	0.02	1.78E-12
rs148708416	T	C	0.16	0.02	1.78E-12
rs114420227	G	T	0.09	0.01	1.78E-12
rs144422852	A	G	0.37	0.05	1.78E-12
rs28858436	A	G	0.17	0.02	1.78E-12
rs75238629	T	C	0.16	0.02	1.784E-12
rs150640931	A	T	0.05	0.0084237	1.79E-12
rs12265135	G	C	0.15	0.02	1.79E-12
rs116216011	A	G	0.07	0.01	1.79E-12
rs140881392	A	G	0.15	0.02	1.79E-12
rs546451897	G	T	0.04	0.0062478	1.79E-12
rs143477792	C	T	0.23	0.03	1.80E-12
rs145516191	T	A	0.1	0.01	1.801E-12
rs115409602	C	T	0.15	0.02	1.80E-12
rs114073195	T	G	0.16	0.02	1.81E-12
rs75481619	A	G	0.16	0.02	1.81E-12
rs139151580	C	T	0.16	0.02	1.81E-12
rs143928780	C	A	0.16	0.02	1.81E-12
rs575807577	G	A	0.15	0.02	1.81E-12
rs752777628	A	G	0.05	0.0075603	1.81E-12
rs112951508	C	G	0.16	0.02	1.81E-12
rs113168247	A	G	0.16	0.02	1.81E-12
rs116531344	A	G	0.16	0.02	1.82E-12
rs116093314	G	C	0.16	0.02	1.82E-12
rs531691603	T	A	0.05	0.0077225	1.82E-12
rs187240211	T	C	0.15	0.02	1.82E-12
rs557345930	A	C	0.09	0.01	1.82E-12
rs188218578	T	G	0.22	0.03	1.83E-12
rs72956877	A	T	0.16	0.02	1.83E-12
rs72956880	T	A	0.16	0.02	1.83E-12
rs72956896	C	T	0.16	0.02	1.83E-12
4:180704678_T_C	C	T	0.04	0.0062718	1.83E-12
rs56239541	T	G	0.16	0.02	1.83E-12
rs563687286	C	T	0.03	0.0055863	1.83E-12
rs138503549	T	C	0.16	0.02	1.84E-12
rs371148170	A	C	0.18	0.02	1.84E-12
rs575587937	G	A	0.16	0.02	1.84E-12
rs113558159	C	T	0.16	0.02	1.84E-12
rs28367999	T	C	0.16	0.02	1.84E-12
rs149228734	T	C	0.14	0.02	1.85E-12
rs78183500	C	G	0.04	0.0060267	1.854E-12
rs140432342	C	T	0.16	0.02	1.85E-12
rs150488867	A	G	0.1	0.01	1.86E-12
rs140505528	C	T	0.16	0.02	1.86E-12
rs573398228	G	A	0.2	0.02	1.86E-12
rs150246810	T	C	1.13	0.16	1.86E-12
rs532992651	T	C	0.16	0.02	1.86E-12
rs113098967	G	T	0.07	0.01	1.86E-12
rs73712513	A	G	0.16	0.02	1.86E-12
rs28496159	A	G	0.08	0.01	1.86E-12
rs559948216	C	G	0.08	0.01	1.86E-12
rs76451023	T	A	0.09	0.01	1.87E-12

rs73525573	A	T	0.14	0.02	1.87E-12
rs555318572	A	T	0.62	0.08	1.869E-12
rs138227796	T	C	0.08	0.01	1.87E-12
rs117025688	T	C	0.16	0.02	1.87E-12
rs549502123	G	T	0.2	0.02	1.87E-12
rs73695777	T	C	0.15	0.02	1.871E-12
rs73093441	T	C	0.16	0.02	1.87E-12
rs79803525	A	G	0.15	0.02	1.87E-12
rs188845081	T	C	0.16	0.02	1.87E-12
rs115748235	T	C	0.14	0.02	1.88E-12
rs78702711	T	C	0.16	0.02	1.878E-12
rs192826842	A	C	0.18	0.02	1.88E-12
rs148303897	T	C	0.29	0.04	1.88E-12
rs376777105	C	G	0.17	0.02	1.88E-12
rs190378057	G	A	0.15	0.02	1.88E-12
rs146318851	G	A	0.08	0.01	1.885E-12
rs545788417	G	A	0.16	0.02	1.89E-12
rs114074193	A	G	0.16	0.02	1.89E-12
rs112992125	C	G	0.16	0.02	1.89E-12
rs184283999	C	T	0.08	0.01	1.89E-12
rs72942944	C	T	0.08	0.01	1.89E-12
rs191200998	A	G	0.16	0.02	1.90E-12
rs183670075	C	T	0.16	0.02	1.90E-12
rs548098840	T	C	0.16	0.02	1.903E-12
rs145318387	A	G	0.16	0.02	1.90E-12
rs186143030	A	T	0.16	0.02	1.91E-12
rs148922822	A	G	0.16	0.02	1.907E-12
rs376269434	C	T	0.16	0.02	1.91E-12
rs114295271	G	A	0.16	0.02	1.91E-12
rs191110681	A	G	0.15	0.02	1.91E-12
rs139658863	T	C	0.19	0.02	1.92E-12
rs531509306	G	A	0.16	0.02	1.92E-12
rs139290104	A	G	0.2	0.02	1.92E-12
rs557715617	G	A	0.07	0.01	1.92E-12
rs562129544	G	A	0.16	0.02	1.92E-12
rs538370929	G	T	0.08	0.01	1.93E-12
rs116692706	A	G	0.18	0.02	1.93E-12
rs142355642	A	C	0.16	0.02	1.93E-12
rs147625432	G	T	0.14	0.02	1.93E-12
rs145071200	A	G	0.16	0.02	1.93E-12
rs116520585	C	T	0.16	0.02	1.93E-12
rs184115950	A	G	0.05	0.0079581	1.936E-12
rs73097066	G	T	0.06	0.0094341	1.938E-12
rs28963428	G	T	0.13	0.01	1.94E-12
rs144229349	T	C	0.08	0.01	1.94E-12
rs150173249	C	T	0.08	0.01	1.94E-12
rs116350696	C	T	0.16	0.02	1.94E-12
rs145629863	G	T	0.16	0.02	1.945E-12
rs184954865	C	T	0.15	0.02	1.95E-12
rs188417693	T	A	0.03	0.0051627	1.95E-12
rs147318787	C	G	0.15	0.02	1.95E-12
rs183455607	T	A	0.06	0.0089037	1.95E-12
rs144407726	A	G	0.29	0.04	1.95E-12
rs548370422	G	A	0.16	0.02	1.95E-12
rs73949679	G	T	0.05	0.0077733	1.96E-12
rs536316777	C	T	0.16	0.02	1.96E-12
rs116042014	T	C	0.16	0.02	1.958E-12
rs458969	T	G	0.15	0.02	1.96E-12
rs188679129	A	C	0.16	0.02	1.96E-12
rs557288429	T	C	0.16	0.02	1.96E-12
rs182050472	C	T	0.34	0.04	1.97E-12

rs143221103	C	T	0.13	0.01	1.97E-12
rs550873181	T	C	0.19	0.02	1.98E-12
rs78953436	C	T	0.16	0.02	1.98E-12
rs1917258	A	G	0.16	0.02	1.98E-12
rs151115067	G	A	0.11	0.01	1.98E-12
rs139431237	G	A	0.03	0.0042816	1.98E-12
rs543249572	T	A	0.16	0.02	1.98E-12
rs138735188	G	A	0.17	0.02	1.99E-12
rs143494762	A	G	0.16	0.02	1.99E-12
rs112337778	T	G	0.16	0.02	1.99E-12
rs116415383	T	C	0.16	0.02	2.00E-12
rs138859845	C	T	0.07	0.01	2.00E-12
rs566431834	A	T	0.06	0.0092716	2.00E-12
rs147618922	C	T	0.2	0.02	2.00E-12
rs115420881	G	C	0.15	0.02	2.00E-12
rs114260318	C	T	0.15	0.02	2.00E-12
rs116048580	A	C	0.16	0.02	2.01E-12
rs576943828	A	G	0.53	0.07	2.01E-12
rs143018969	C	T	0.09	0.01	2.01E-12
rs116321832	T	C	0.46	0.06	2.01E-12
rs141537965	G	A	4.58	0.65	2.01E-12
rs115050903	T	C	0.15	0.02	2.01E-12
rs188583791	C	T	0.16	0.02	2.01E-12
rs116525193	A	T	0.06	0.0095586	2.02E-12
rs115616628	C	A	0.15	0.02	2.02E-12
rs113805704	T	G	0.16	0.02	2.02E-12
rs146680493	C	T	0.16	0.02	2.022E-12
rs148857734	A	T	0.08	0.01	2.02E-12
rs77221863	G	T	0.05	0.0078251	2.02E-12
rs144429694	T	C	0.16	0.02	2.03E-12
rs138652592	G	A	0.15	0.02	2.04E-12
rs143679295	A	G	0.07	0.01	2.04E-12
rs188197199	C	T	0.15	0.02	2.04E-12
rs114645639	T	C	0.16	0.02	2.04E-12
rs137903318	A	C	0.15	0.02	2.04E-12
rs75144377	T	C	0.15	0.02	2.04E-12
rs78646285	T	G	0.15	0.02	2.05E-12
rs571860156	T	C	0.16	0.02	2.05E-12
rs193255951	G	T	0.35	0.05	2.05E-12
rs145017388	A	G	0.16	0.02	2.06E-12
rs141289606	C	G	0.16	0.02	2.06E-12
rs141515010	C	T	0.19	0.02	2.06E-12
rs13420234	C	G	0.16	0.02	2.06E-12
rs114207086	T	C	0.16	0.02	2.06E-12
rs187843687	C	A	1.72	0.24	2.07E-12
rs143360494	C	G	0.15	0.02	2.07E-12
rs186540632	A	G	0.16	0.02	2.07E-12
rs560087645	T	C	0.15	0.02	2.07E-12
rs140707515	T	G	0.15	0.02	2.07E-12
rs190558391	T	G	0.17	0.02	2.09E-12
rs564600271	T	C	0.22	0.03	2.09E-12
rs143838133	G	A	0.16	0.02	2.09E-12
rs115483379	C	A	0.16	0.02	2.089E-12
rs189496442	C	T	0.33	0.04	2.09E-12
rs188969706	A	G	0.16	0.02	2.09E-12
rs149195251	A	G	0.15	0.02	2.10E-12
rs547267680	G	C	0.16	0.02	2.10E-12
rs562266894	G	A	0.16	0.02	2.10E-12
rs572760240	T	C	0.16	0.02	2.10E-12
rs182923440	T	C	0.16	0.02	2.10E-12
rs536315809	A	T	0.16	0.02	2.10E-12

rs138279753	G	A	0.16	0.02	2.10E-12
rs114341851	T	G	0.16	0.02	2.10E-12
rs577353518	T	C	0.16	0.02	2.11E-12
rs375982455	G	A	0.31	0.04	2.11E-12
rs16915160	G	A	0.06	0.0088655	2.11E-12
rs188026876	G	A	0.35	0.05	2.11E-12
rs554607877	T	C	0.03	0.0052057	2.11E-12
rs186739744	G	A	0.21	0.03	2.114E-12
rs143152244	C	T	0.16	0.02	2.11E-12
rs149883698	A	G	0.16	0.02	2.12E-12
rs79433206	G	C	0.15	0.02	2.12E-12
rs59657335	A	G	0.16	0.02	2.117E-12
rs550654145	G	A	0.16	0.02	2.12E-12
rs148761787	A	G	0.15	0.02	2.12E-12
rs184628449	G	A	0.15	0.02	2.12E-12
rs75626413	T	C	0.15	0.02	2.12E-12
rs79609367	C	T	0.15	0.02	2.12E-12
rs114868938	C	G	0.15	0.02	2.12E-12
rs115795912	C	T	0.15	0.02	2.12E-12
rs77184724	T	C	0.15	0.02	2.12E-12
rs115697860	A	G	0.15	0.02	2.12E-12
rs144499979	T	G	0.16	0.02	2.12E-12
rs73536856	G	A	0.18	0.02	2.13E-12
rs146448636	T	C	0.11	0.01	2.13E-12
rs559590391	A	G	0.16	0.02	2.13E-12
rs186574549	A	T	0.2	0.02	2.14E-12
rs79661592	T	C	0.16	0.02	2.14E-12
rs138453439	A	T	0.16	0.02	2.14E-12
rs117369477	A	G	0.16	0.02	2.14E-12
rs140095254	A	G	0.16	0.02	2.14E-12
rs113181369	A	G	0.16	0.02	2.15E-12
rs141053825	T	C	0.08	0.01	2.15E-12
rs139639163	C	G	0.15	0.02	2.15E-12
rs111638049	C	T	0.16	0.02	2.149E-12
rs148089702	T	A	0.15	0.02	2.15E-12
rs543003289	G	C	0.16	0.02	2.15E-12
rs137907932	G	A	0.16	0.02	2.16E-12
rs184861042	T	C	0.15	0.02	2.16E-12
rs566265458	G	A	0.16	0.02	2.16E-12
rs543801430	G	A	0.17	0.02	2.16E-12
rs140269617	G	A	0.13	0.01	2.17E-12
rs539957464	C	T	0.16	0.02	2.17E-12
rs141769462	C	T	0.15	0.02	2.17E-12
rs531836568	T	C	0.15	0.02	2.17E-12
rs74868901	C	T	0.15	0.02	2.18E-12
rs539123971	T	C	0.16	0.02	2.18E-12
rs182738032	T	C	0.16	0.02	2.19E-12
rs139638820	T	G	0.18	0.02	2.19E-12
rs144521087	A	T	0.16	0.02	2.19E-12
rs139609053	G	A	0.15	0.02	2.19E-12
rs55819048	G	A	0.16	0.02	2.19E-12
rs143190345	G	C	0.29	0.04	2.20E-12
rs115570321	C	G	0.13	0.01	2.20E-12
rs139709680	A	G	0.08	0.01	2.20E-12
rs112972019	T	C	0.15	0.02	2.20E-12
rs142762460	A	C	0.16	0.02	2.21E-12
rs80265287	G	A	0.15	0.02	2.21E-12
rs146215148	A	G	0.08	0.01	2.212E-12
rs115034540	A	G	0.15	0.02	2.21E-12
rs140040846	A	G	0.28	0.04	2.21E-12
rs113363060	C	T	0.15	0.02	2.22E-12

rs543694915	T	G	0.19	0.02	2.22E-12
rs573652664	A	C	0.16	0.02	2.22E-12
rs75988294	G	A	0.08	0.01	2.23E-12
rs79353166	C	G	0.15	0.02	2.23E-12
rs143689327	G	C	0.16	0.02	2.23E-12
rs540489754	C	T	0.15	0.02	2.23E-12
rs115261475	A	G	0.2	0.02	2.24E-12
rs184765690	A	G	0.2	0.02	2.24E-12
rs111780920	C	G	0.16	0.02	2.248E-12
rs141623099	C	T	0.15	0.02	2.25E-12
rs116096743	C	T	0.08	0.01	2.26E-12
rs115382302	A	G	0.15	0.02	2.26E-12
rs143487656	T	A	0.16	0.02	2.26E-12
rs79835553	G	C	0.14	0.02	2.26E-12
rs80222577	C	T	0.16	0.02	2.26E-12
rs147568253	T	C	0.16	0.02	2.27E-12
rs115052500	T	G	0.15	0.02	2.27E-12
rs144776375	G	T	0.18	0.02	2.27E-12
rs150587351	T	G	0.16	0.02	2.27E-12
rs116472598	T	A	0.16	0.02	2.28E-12
rs116676953	G	C	0.16	0.02	2.276E-12
rs75807832	T	A	0.04	0.0060009	2.28E-12
rs144011095	T	C	0.15	0.02	2.28E-12
rs571803852	A	G	0.03	0.0045138	2.28E-12
rs151252925	C	T	0.08	0.01	2.29E-12
rs61530391	A	G	0.36	0.05	2.29E-12
rs141858432	A	G	0.15	0.02	2.29E-12
rs114616561	A	G	0.15	0.02	2.29E-12
4:183535132_A_G	G	A	0.03	0.0055838	2.30E-12
rs550575861	T	C	0.28	0.04	2.30E-12
rs115121351	G	A	0.15	0.02	2.30E-12
rs150420482	A	T	0.16	0.02	2.30E-12
rs180861494	C	T	0.15	0.02	2.31E-12
rs140347270	T	C	0.16	0.02	2.31E-12
rs111348755	T	A	0.18	0.02	2.32E-12
rs145985408	T	C	0.54	0.07	2.32E-12
rs554563949	C	T	0.15	0.02	2.32E-12
rs551180120	T	C	0.07	0.01	2.32E-12
rs147990521	T	C	0.16	0.02	2.32E-12
rs181412952	A	G	0.17	0.02	2.32E-12
rs75293114	A	C	0.15	0.02	2.32E-12
rs115000368	A	C	0.2	0.02	2.32E-12
rs568210104	T	C	0.15	0.02	2.33E-12
rs559445530	A	T	0.15	0.02	2.33E-12
rs192419453	A	G	0.16	0.02	2.33E-12
rs529729413	G	A	0.15	0.02	2.33E-12
rs567857226	G	C	0.15	0.02	2.33E-12
rs544908476	C	T	0.28	0.04	2.33E-12
rs185082610	A	T	0.69	0.09	2.33E-12
rs528584398	C	T	0.15	0.02	2.335E-12
rs73696263	G	C	0.08	0.01	2.335E-12
rs141028215	A	G	0.05	0.0079209	2.34E-12
rs188159784	C	T	0.16	0.02	2.34E-12
rs191267300	A	G	0.15	0.02	2.34E-12
rs146839989	T	C	0.15	0.02	2.34E-12
rs189693959	T	C	0.14	0.02	2.34E-12
rs528246548	C	A	0.15	0.02	2.34E-12
rs114303234	G	A	0.15	0.02	2.34E-12
rs114821231	T	G	0.14	0.02	2.345E-12
rs531631531	G	A	0.16	0.02	2.35E-12
rs141603811	G	C	0.16	0.02	2.35E-12

rs149332269	T	C	0.15	0.02	2.35E-12
rs114809787	C	T	0.15	0.02	2.36E-12
rs545470964	G	A	0.14	0.02	2.36E-12
rs73961530	A	G	0.16	0.02	2.36E-12
rs149913796	G	A	0.15	0.02	2.36E-12
rs143777256	T	G	0.17	0.02	2.37E-12
rs115621760	G	A	0.15	0.02	2.37E-12
rs79745521	G	A	0.1	0.01	2.369E-12
rs114200794	A	G	0.16	0.02	2.38E-12
rs16824579	A	G	0.15	0.02	2.38E-12
rs148025342	A	T	0.15	0.02	2.38E-12
rs16999005	T	C	0.29	0.04	2.38E-12
rs147574752	G	A	0.08	0.01	2.384E-12
rs150329818	G	T	0.29	0.04	2.38E-12
rs548657376	G	T	0.29	0.04	2.38E-12
rs76636953	T	C	0.07	0.01	2.39E-12
rs115098353	A	G	0.15	0.02	2.39E-12
rs76022747	A	G	0.17	0.02	2.388E-12
rs114998349	C	T	0.08	0.01	2.39E-12
rs117200501	C	T	0.16	0.02	2.39E-12
rs115650559	G	T	0.15	0.02	2.39E-12
rs147007581	T	G	0.08	0.01	2.39E-12
rs558663370	G	C	0.15	0.02	2.39E-12
rs114309564	A	G	0.16	0.02	2.40E-12
rs144932118	A	G	0.16	0.02	2.40E-12
rs189384175	T	G	0.08	0.01	2.40E-12
rs79572260	A	G	0.1	0.01	2.40E-12
rs189751265	T	G	0.11	0.01	2.40E-12
rs55769154	G	A	0.16	0.02	2.41E-12
rs183768669	T	C	0.25	0.03	2.41E-12
rs147239452	C	A	0.21	0.03	2.41E-12
rs140296572	A	G	0.24	0.03	2.41E-12
rs535643486	G	A	0.16	0.02	2.42E-12
rs141968762	T	C	0.15	0.02	2.42E-12
rs186853366	A	G	0.15	0.02	2.43E-12
rs138025123	G	A	0.14	0.02	2.43E-12
rs114526748	C	T	0.15	0.02	2.43E-12
rs558745630	C	G	0.15	0.02	2.43E-12
rs145817467	A	T	0.15	0.02	2.43E-12
rs114987018	A	C	0.15	0.02	2.44E-12
rs185668478	T	C	0.15	0.02	2.44E-12
rs149906071	G	A	0.15	0.02	2.45E-12
rs149884233	C	T	0.15	0.02	2.45E-12
rs148778010	C	T	0.17	0.02	2.45E-12
rs77170465	C	T	0.15	0.02	2.45E-12
rs190662801	G	T	0.15	0.02	2.45E-12
rs74806715	A	C	0.15	0.02	2.45E-12
rs186260174	C	T	0.16	0.02	2.46E-12
rs114172493	A	G	0.1	0.01	2.46E-12
rs147547608	G	A	0.15	0.02	2.46E-12
rs150813231	G	A	0.15	0.02	2.46E-12
rs115856128	G	A	0.68	0.09	2.46E-12
rs74346601	G	C	0.16	0.02	2.47E-12
rs369925729	G	C	0.16	0.02	2.47E-12
rs189207494	G	T	0.16	0.02	2.47E-12
rs149029486	T	C	0.16	0.02	2.47E-12
rs113632476	A	G	0.16	0.02	2.48E-12
rs552786825	C	T	0.17	0.02	2.48E-12
rs113975730	A	G	0.05	0.0076748	2.48E-12
rs16915197	T	C	0.06	0.0092455	2.49E-12
rs72956901	C	T	0.15	0.02	2.49E-12

rs113329275	G	C	0.15	0.02	2.49E-12
rs185646187	A	G	0.15	0.02	2.50E-12
rs116411586	T	C	0.15	0.02	2.50E-12
rs116680333	C	G	0.15	0.02	2.51E-12
rs561538586	A	G	0.11	0.01	2.51E-12
rs74360072	A	G	0.25	0.03	2.51E-12
rs193291908	A	G	0.16	0.02	2.51E-12
rs147325160	A	G	0.19	0.02	2.51E-12
rs144457638	A	C	0.13	0.01	2.52E-12
rs114437597	T	G	0.15	0.02	2.52E-12
rs117015764	A	G	0.22	0.03	2.52E-12
rs148914313	G	A	0.15	0.02	2.524E-12
rs115571735	T	C	0.16	0.02	2.53E-12
rs143486724	C	T	0.14	0.02	2.527E-12
rs116129982	C	T	0.15	0.02	2.527E-12
rs11251154	A	G	0.15	0.02	2.53E-12
rs150864654	A	T	0.15	0.02	2.532E-12
rs180936211	C	G	0.15	0.02	2.53E-12
rs533052138	T	C	0.15	0.02	2.54E-12
rs111665446	T	A	0.15	0.02	2.54E-12
rs182872430	C	A	0.07	0.01	2.54E-12
rs182396990	G	C	0.16	0.02	2.545E-12
rs551787584	C	G	0.15	0.02	2.55E-12
rs115189346	A	G	0.08	0.01	2.547E-12
rs149310102	G	C	0.16	0.02	2.55E-12
rs187629603	T	C	0.16	0.02	2.55E-12
rs146349061	A	G	0.16	0.02	2.55E-12
rs146809846	A	G	0.16	0.02	2.56E-12
rs80067467	T	G	0.15	0.02	2.56E-12
rs77610273	G	A	0.08	0.01	2.558E-12
rs112438487	G	C	0.06	0.0090287	2.56E-12
rs116779374	A	G	0.11	0.01	2.56E-12
rs116463571	A	T	0.08	0.01	2.57E-12
rs565455098	C	T	0.18	0.02	2.57E-12
rs58789211	C	G	0.15	0.02	2.57E-12
rs548175543	T	C	0.08	0.01	2.57E-12
rs368179202	A	G	0.1	0.01	2.57E-12
rs59221957	T	C	0.16	0.02	2.57E-12
rs191316624	T	C	0.21	0.03	2.57E-12
rs61385703	A	G	0.15	0.02	2.575E-12
rs145209957	G	A	0.28	0.04	2.58E-12
rs149546947	C	G	0.18	0.02	2.576E-12
rs60954766	A	G	0.15	0.02	2.58E-12
rs114148564	G	A	0.17	0.02	2.589E-12
rs150938059	G	C	0.17	0.02	2.59E-12
rs111356652	T	C	0.07	0.01	2.59E-12
rs150933037	C	A	0.15	0.02	2.60E-12
rs13384144	C	T	0.15	0.02	2.60E-12
rs148196059	A	G	0.15	0.02	2.60E-12
rs114017737	A	T	0.08	0.01	2.61E-12
rs533407361	T	C	0.15	0.02	2.61E-12
rs374089040	G	A	0.15	0.02	2.61E-12
rs150229550	G	A	0.17	0.02	2.61E-12
rs116517743	A	G	0.06	0.0096395	2.61E-12
rs555056614	T	C	0.12	0.01	2.61E-12
rs183128636	A	C	0.15	0.02	2.62E-12
rs111615522	T	G	0.16	0.02	2.62E-12
rs113454475	T	A	0.16	0.02	2.62E-12
rs142922324	C	G	0.15	0.02	2.63E-12
rs139206014	T	C	0.16	0.02	2.63E-12
rs146962239	T	C	0.16	0.02	2.63E-12

rs149471396	C	T	0.12	0.01	2.64E-12
rs149245843	A	G	0.15	0.02	2.64E-12
rs147168527	T	C	0.15	0.02	2.64E-12
rs184242234	T	C	0.05	0.008373	2.64E-12
rs139139978	C	T	0.16	0.02	2.65E-12
rs114740335	C	T	0.08	0.01	2.65E-12
rs141870870	C	G	0.15	0.02	2.65E-12
rs182376833	T	C	0.15	0.02	2.66E-12
rs188595288	T	C	0.15	0.02	2.66E-12
rs143582547	A	G	0.16	0.02	2.66E-12
rs116606919	G	A	0.16	0.02	2.66E-12
rs150802084	C	T	0.15	0.02	2.67E-12
rs148405617	C	T	0.16	0.02	2.67E-12
rs76169766	G	A	0.13	0.01	2.67E-12
rs189594135	A	G	0.15	0.02	2.67E-12
rs576677095	G	T	0.15	0.02	2.67E-12
rs139654744	C	T	0.14	0.02	2.68E-12
rs147630201	T	C	0.25	0.03	2.68E-12
rs184009225	T	G	1.48	0.21	2.68E-12
rs140271433	T	A	0.16	0.02	2.69E-12
rs568412405	T	G	0.11	0.01	2.69E-12
rs577793416	C	T	0.19	0.02	2.69E-12
rs146742546	T	A	0.15	0.02	2.69E-12
rs7018553	C	T	0.15	0.02	2.695E-12
rs150103251	C	T	0.15	0.02	2.70E-12
rs142027278	G	A	0.15	0.02	2.70E-12
rs114616018	G	A	0.15	0.02	2.70E-12
rs114268760	C	T	0.21	0.03	2.70E-12
rs558704468	A	T	0.16	0.02	2.71E-12
rs114582061	G	A	0.15	0.02	2.71E-12
rs75159517	C	G	0.15	0.02	2.719E-12
rs527470185	A	G	0.16	0.02	2.72E-12
rs61763634	G	A	0.15	0.02	2.731E-12
rs114084999	C	T	0.16	0.02	2.73E-12
rs545402898	A	T	0.32	0.04	2.74E-12
rs189835691	A	G	0.15	0.02	2.738E-12
rs185697065	G	A	0.08	0.01	2.74E-12
rs75948052	T	G	0.15	0.02	2.744E-12
rs78315358	T	C	0.2	0.02	2.75E-12
rs16824959	G	A	0.15	0.02	2.754E-12
rs375004320	G	A	0.23	0.03	2.76E-12
rs144837966	A	G	0.15	0.02	2.76E-12
rs199919192	A	C	0.16	0.02	2.76E-12
rs34059586	T	C	0.03	0.0048286	2.77E-12
rs60034412	A	G	0.15	0.02	2.77E-12
rs569461904	T	C	0.16	0.02	2.77E-12
rs182054739	G	A	0.07	0.01	2.77E-12
rs147497870	A	G	0.09	0.01	2.78E-12
rs78397840	C	G	0.15	0.02	2.78E-12
rs57291012	A	C	0.15	0.02	2.80E-12
rs12240998	G	A	0.15	0.02	2.797E-12
rs145862965	A	C	0.15	0.02	2.80E-12
rs116510689	G	A	0.15	0.02	2.81E-12
rs144230553	G	A	0.18	0.02	2.81E-12
rs149437870	A	C	0.25	0.03	2.82E-12
rs116608540	C	T	0.15	0.02	2.82E-12
rs191224372	A	G	0.33	0.04	2.82E-12
rs186164175	T	C	0.07	0.01	2.83E-12
rs148698420	C	T	0.18	0.02	2.83E-12
rs78905935	C	T	0.16	0.02	2.84E-12
rs542181052	T	C	0.17	0.02	2.84E-12



rs750321074	C	A	0.05	0.0079788	2.85E-12
rs148624968	A	G	0.16	0.02	2.85E-12
rs76670333	T	A	0.25	0.03	2.86E-12
rs148807856	A	G	0.16	0.02	2.86E-12
rs184222253	T	C	0.16	0.02	2.87E-12
rs115773597	A	G	0.14	0.02	2.87E-12
rs142701073	G	T	0.15	0.02	2.87E-12
rs111492390	G	T	0.15	0.02	2.87E-12
rs114076820	C	T	0.15	0.02	2.89E-12
rs145919251	T	C	0.19	0.02	2.89E-12
rs116620956	G	A	0.15	0.02	2.89E-12
rs147998373	A	G	0.19	0.02	2.89E-12
rs142130685	C	G	0.15	0.02	2.90E-12
rs148312369	C	T	0.22	0.03	2.90E-12
rs73048638	T	G	0.15	0.02	2.90E-12
rs140317832	C	A	0.15	0.02	2.91E-12
rs16923126	T	C	1.21	0.17	2.908E-12
rs190822550	C	T	0.15	0.02	2.91E-12
rs182050227	T	A	0.17	0.02	2.93E-12
rs115359991	G	A	0.15	0.02	2.93E-12
rs117179040	C	A	0.31	0.04	2.93E-12
rs558738357	T	C	0.03	0.0051426	2.95E-12
rs554353625	C	T	0.05	0.0078368	2.95E-12
rs75994264	T	C	0.07	0.01	2.96E-12
rs150069551	T	G	0.16	0.02	2.96E-12
rs113262325	A	G	0.15	0.02	2.97E-12
rs143757211	A	G	1.31	0.18	2.97E-12
rs566856054	G	A	0.13	0.01	2.97E-12
rs114090440	A	C	0.16	0.02	2.97E-12
rs543007210	T	C	0.15	0.02	2.97E-12
rs528936137	C	T	0.15	0.02	2.97E-12
rs548642774	T	G	0.15	0.02	2.97E-12
rs114869093	T	C	0.12	0.01	2.98E-12
rs537751754	T	C	0.15	0.02	2.98E-12
rs144308315	A	G	0.15	0.02	2.99E-12
rs115570460	C	A	0.24	0.03	2.99E-12
rs77467984	T	A	0.15	0.02	3.00E-12
rs77874013	A	G	0.15	0.02	3.00E-12
rs77495024	T	C	0.15	0.02	3.00E-12
rs149669725	C	G	0.15	0.02	3.00E-12
rs114249694	T	C	0.15	0.02	3.00E-12
rs143707819	T	C	0.15	0.02	3.01E-12
rs115875321	T	G	0.15	0.02	3.01E-12
rs373374493	A	G	0.15	0.02	3.01E-12
rs145756837	G	A	0.3	0.04	3.01E-12
rs79170308	C	T	0.04	0.0059639	3.02E-12
rs577266452	C	T	0.15	0.02	3.02E-12
9:85363175_T_C	C	T	0.05	0.008536	3.02E-12
rs564492290	C	T	0.2	0.02	3.021E-12
rs6795720	G	A	0.04	0.0059638	3.03E-12
rs140728350	A	G	0.15	0.02	3.03E-12
rs148481528	G	C	0.15	0.02	3.03E-12
rs116081210	G	C	0.34	0.04	3.04E-12
rs189686577	C	T	0.2	0.02	3.04E-12
rs549682238	C	T	0.23	0.03	3.04E-12
rs183398115	T	C	0.12	0.01	3.04E-12
rs142708420	G	A	0.16	0.02	3.042E-12
rs115929882	C	G	0.16	0.02	3.05E-12
rs139599336	C	T	0.08	0.01	3.05E-12
rs77281607	G	A	0.09	0.01	3.06E-12
rs57973991	T	G	0.15	0.02	3.06E-12

rs183224917	G	A	0.15	0.02	3.07E-12
rs183843723	G	A	0.15	0.02	3.08E-12
rs151122499	A	G	0.7	0.1	3.08E-12
rs114045647	C	T	0.15	0.02	3.09E-12
rs187941906	C	T	0.17	0.02	3.09E-12
rs138287826	A	C	0.15	0.02	3.09E-12
rs145684920	C	T	0.17	0.02	3.10E-12
rs564296439	T	C	0.17	0.02	3.10E-12
rs139197969	A	G	0.15	0.02	3.102E-12
rs151230511	C	T	0.15	0.02	3.11E-12
rs116398735	A	C	3.71	0.53	3.11E-12
rs142016464	A	G	0.16	0.02	3.11E-12
rs149768161	T	G	0.16	0.02	3.11E-12
rs190869796	A	G	0.21	0.03	3.11E-12
rs564414861	G	C	0.08	0.01	3.11E-12
rs139709252	G	C	0.21	0.03	3.11E-12
rs11973015	A	G	0.15	0.02	3.11E-12
rs73667969	A	G	0.05	0.0076488	3.12E-12
rs374785935	G	A	0.15	0.02	3.12E-12
rs150409842	T	C	0.18	0.02	3.13E-12
rs184410700	T	C	0.17	0.02	3.13E-12
rs146901354	A	G	0.15	0.02	3.13E-12
rs139309890	A	G	0.16	0.02	3.14E-12
rs115275769	A	G	0.15	0.02	3.14E-12
4:64243864_T_A	A	T	0.09	0.01	3.14E-12
rs114117392	T	C	0.2	0.02	3.14E-12
rs557888809	G	A	0.16	0.02	3.14E-12
rs555658515	C	T	0.15	0.02	3.15E-12
rs140613078	C	G	0.17	0.02	3.15E-12
rs566017366	C	T	0.16	0.02	3.154E-12
rs116675115	G	A	0.24	0.03	3.15E-12
rs185434657	A	G	0.15	0.02	3.15E-12
rs72942948	C	G	0.08	0.01	3.16E-12
rs563903685	G	A	0.44	0.06	3.16E-12
rs72472306	C	T	1.26	0.18	3.16E-12
rs187823682	G	A	0.16	0.02	3.17E-12
rs191444012	T	C	0.27	0.04	3.17E-12
rs544130782	G	A	0.24	0.03	3.171E-12
rs542923804	T	A	0.26	0.03	3.18E-12
rs147638874	G	A	0.15	0.02	3.18E-12
rs144904419	T	A	0.08	0.01	3.19E-12
rs564917171	T	C	0.15	0.02	3.19E-12
rs61315417	T	C	0.15	0.02	3.19E-12
rs55934562	G	A	0.15	0.02	3.191E-12
rs142594877	C	T	0.16	0.02	3.19E-12
rs73679270	C	T	0.15	0.02	3.19E-12
rs561010636	A	G	0.16	0.02	3.19E-12
rs78267170	T	C	0.15	0.02	3.20E-12
rs186078388	A	G	0.15	0.02	3.20E-12
rs140484019	C	A	0.16	0.02	3.20E-12
rs10195288	T	C	0.15	0.02	3.203E-12
rs137886217	A	G	0.15	0.02	3.21E-12
rs74812227	T	C	0.16	0.02	3.21E-12
rs115686035	T	C	0.07	0.01	3.21E-12
rs141565297	G	A	0.15	0.02	3.21E-12
rs139441552	G	A	0.2	0.02	3.21E-12
rs181953740	T	C	0.17	0.02	3.22E-12
rs146089408	A	G	0.15	0.02	3.22E-12
rs141477332	T	C	0.15	0.02	3.24E-12
rs150551747	C	T	0.15	0.02	3.24E-12
rs114897637	A	G	0.15	0.02	3.24E-12

rs113177994	C	G	0.15	0.02	3.24E-12
rs188072401	A	C	0.15	0.02	3.24E-12
rs138954666	T	C	0.15	0.02	3.25E-12
rs539967591	G	C	0.16	0.02	3.26E-12
rs184781474	T	C	5.66	0.81	3.26E-12
rs577016178	A	C	0.13	0.01	3.26E-12
rs138267272	G	A	0.15	0.02	3.26E-12
rs114888328	G	C	0.08	0.01	3.26E-12
rs74874229	G	C	0.16	0.02	3.26E-12
rs114441743	T	C	0.15	0.02	3.26E-12
rs184095194	A	G	0.15	0.02	3.27E-12
rs142184443	G	A	0.15	0.02	3.27E-12
rs80125377	T	C	0.05	0.0077181	3.27E-12
rs146864439	G	C	0.15	0.02	3.27E-12
rs183355448	G	A	0.15	0.02	3.28E-12
rs149576599	C	A	0.12	0.01	3.29E-12
rs60857577	C	T	0.15	0.02	3.29E-12
rs191476295	C	T	0.08	0.01	3.29E-12
rs111441458	G	C	0.15	0.02	3.29E-12
rs565512871	A	G	0.21	0.03	3.29E-12
rs150839639	A	G	0.16	0.02	3.29E-12
rs562132902	A	G	0.15	0.02	3.30E-12
rs182500850	C	T	0.15	0.02	3.30E-12
rs76667273	T	C	0.15	0.02	3.30E-12
rs114115266	G	A	0.15	0.02	3.3E-12
rs76911688	G	T	0.15	0.02	3.30E-12
rs146052291	G	A	0.28	0.04	3.31E-12
rs540418592	T	C	0.15	0.02	3.31E-12
rs116782519	G	A	0.08	0.01	3.32E-12
rs111436169	G	A	0.34	0.04	3.32E-12
rs76504071	T	C	0.17	0.02	3.32E-12
rs141818687	C	G	0.15	0.02	3.32E-12
rs149238574	T	C	0.17	0.02	3.33E-12
rs6597486	C	T	-0.04	0.0061125	3.33E-12
rs147277233	G	C	0.15	0.02	3.35E-12
rs57130191	G	C	0.15	0.02	3.35E-12
rs75631205	C	G	0.15	0.02	3.36E-12
rs114363357	T	C	0.16	0.02	3.36E-12
rs75173273	T	C	0.15	0.02	3.36E-12
rs113363820	C	G	0.18	0.02	3.359E-12
rs112976894	T	C	0.18	0.02	3.36E-12
rs79543996	C	T	0.18	0.02	3.36E-12
rs112360892	G	A	0.18	0.02	3.37E-12
rs149962067	G	C	0.15	0.02	3.37E-12
rs112056901	G	T	0.16	0.02	3.38E-12
rs534004105	T	A	0.15	0.02	3.39E-12
rs552343891	G	A	0.06	0.0087184	3.39E-12
rs144541464	C	T	0.08	0.01	3.39E-12
rs146663639	C	A	0.15	0.02	3.39E-12
rs114918480	A	T	0.08	0.01	3.39E-12
rs573891432	T	G	0.15	0.02	3.40E-12
rs78876652	A	G	0.09	0.01	3.40E-12
rs186097848	A	G	0.07	0.01	3.40E-12
rs115983992	G	T	0.15	0.02	3.40E-12
rs114599243	G	T	0.15	0.02	3.402E-12
rs151146738	A	G	0.16	0.02	3.40E-12
rs373260495	G	A	0.16	0.02	3.41E-12
rs542666632	T	C	0.16	0.02	3.41E-12
rs78424515	T	C	0.11	0.01	3.41E-12
rs575947937	G	A	0.26	0.03	3.41E-12
rs78924114	T	C	0.15	0.02	3.42E-12

rs148069113	T	C	0.15	0.02	3.42E-12
rs551828256	A	G	0.15	0.02	3.43E-12
rs533293075	C	T	0.19	0.02	3.43E-12
rs576510513	A	T	0.15	0.02	3.43E-12
rs143075670	G	C	0.09	0.01	3.44E-12
rs185149559	C	G	4.01	0.57	3.44E-12
rs73862542	T	G	0.15	0.02	3.44E-12
rs146792424	C	G	0.16	0.02	3.45E-12
rs10072639	C	T	0.15	0.02	3.45E-12
rs76789161	G	A	0.2	0.02	3.46E-12
rs587705114	T	C	0.05	0.0077646	3.46E-12
rs73884531	T	G	0.15	0.02	3.46E-12
rs147308688	T	C	0.15	0.02	3.46E-12
rs368521042	T	A	0.17	0.02	3.46E-12
rs563439536	C	T	0.21	0.03	3.46E-12
rs541157467	T	G	0.05	0.0083823	3.48E-12
rs182174425	G	T	0.7	0.1	3.48E-12
rs74735273	C	A	0.05	0.0079405	3.48E-12
rs140453776	A	T	0.15	0.02	3.49E-12
rs116398776	T	G	0.1	0.01	3.49E-12
rs112105219	G	A	0.18	0.02	3.489E-12
rs114398204	A	G	0.07	0.01	3.49E-12
rs139938149	G	A	0.16	0.02	3.49E-12
rs78012032	T	G	0.08	0.01	3.50E-12
rs147255175	C	G	0.34	0.04	3.50E-12
rs188343392	G	A	0.15	0.02	3.50E-12
rs76976723	T	A	0.15	0.02	3.50E-12
rs140534349	T	C	0.07	0.01	3.51E-12
rs116615732	T	C	0.15	0.02	3.51E-12
rs143423871	T	C	0.16	0.02	3.51E-12
rs55838146	T	G	0.16	0.02	3.52E-12
rs150761597	A	G	0.15	0.02	3.52E-12
rs138019052	G	T	0.08	0.01	3.52E-12
rs183986577	C	T	0.15	0.02	3.522E-12
rs116591369	G	A	0.16	0.02	3.53E-12
rs114962997	G	A	0.09	0.01	3.54E-12
rs115795772	T	G	0.2	0.02	3.54E-12
rs147574338	G	C	0.15	0.02	3.54E-12
rs142505644	C	T	0.14	0.02	3.542E-12
rs6774694	G	A	0.16	0.02	3.54E-12
rs80009704	G	A	0.2	0.02	3.55E-12
rs147679277	A	G	0.15	0.02	3.55E-12
rs868911782	C	T	0.08	0.01	3.55E-12
rs182810531	G	A	0.2	0.02	3.55E-12
rs139167376	T	C	0.15	0.02	3.56E-12
rs542471019	G	A	0.15	0.02	3.56E-12
rs111283357	T	C	0.15	0.02	3.56E-12
rs144285678	G	A	0.15	0.02	3.56E-12
rs72945555	T	A	0.2	0.02	3.56E-12
rs192460170	C	T	0.28	0.04	3.56E-12
rs74931869	C	T	0.13	0.01	3.56E-12
rs78717554	T	C	0.59	0.08	3.57E-12
rs80152173	C	T	0.05	0.0081534	3.57E-12
rs770698631	C	G	0.02	0.0035992	3.58E-12
rs139164987	A	G	0.15	0.02	3.58E-12
rs73261185	C	T	0.15	0.02	3.58E-12
rs530161968	G	A	0.15	0.02	3.59E-12
rs115145507	C	G	0.24	0.03	3.59E-12
rs183857947	T	A	0.16	0.02	3.59E-12
rs190774485	C	T	0.17	0.02	3.60E-12
rs75194674	C	T	0.08	0.01	3.62E-12

rs188858054	G	C	0.15	0.02	3.62E-12
rs188606696	A	C	0.15	0.02	3.623E-12
rs144086905	G	A	0.15	0.02	3.62E-12
rs139571474	A	T	0.15	0.02	3.62E-12
rs188390460	C	T	0.15	0.02	3.63E-12
rs80093512	T	A	0.15	0.02	3.63E-12
rs115833996	T	G	0.16	0.02	3.63E-12
rs75268427	A	G	0.2	0.02	3.64E-12
rs140079994	G	C	0.16	0.02	3.64E-12
rs78512521	G	A	0.16	0.02	3.64E-12
rs114277662	G	A	0.15	0.02	3.646E-12
rs77559206	C	T	0.08	0.01	3.65E-12
rs151159216	T	C	0.19	0.02	3.65E-12
rs150493013	T	C	0.03	0.0048091	3.65E-12
rs141576946	A	G	0.15	0.02	3.66E-12
rs115385353	G	A	0.15	0.02	3.66E-12
rs190429811	A	G	0.32	0.04	3.67E-12
rs114517083	C	T	0.08	0.01	3.67E-12
rs143998249	G	A	0.15	0.02	3.67E-12
rs541001031	A	G	0.15	0.02	3.67E-12
rs184497186	T	C	0.15	0.02	3.68E-12
rs112286622	T	G	0.15	0.02	3.68E-12
rs184146003	T	C	0.16	0.02	3.69E-12
rs191785298	C	T	0.15	0.02	3.69E-12
rs76911216	G	A	0.15	0.02	3.69E-12
rs147717399	T	C	0.15	0.02	3.69E-12
rs573501444	A	G	0.08	0.01	3.70E-12
rs138732358	C	G	0.17	0.02	3.70E-12
rs2196773	T	C	0.07	0.01	3.70E-12
rs527820287	T	A	0.23	0.03	3.71E-12
rs115558437	A	G	0.15	0.02	3.71E-12
rs138604459	C	T	0.16	0.02	3.71E-12
rs728980	A	C	0.09	0.01	3.71E-12
rs191708600	A	C	0.06	0.0087933	3.71E-12
rs543899229	T	G	0.2	0.02	3.71E-12
rs111342458	C	T	0.15	0.02	3.71E-12
rs553868490	A	G	0.15	0.02	3.717E-12
rs73702716	A	G	0.16	0.02	3.72E-12
rs557379184	C	G	0.12	0.01	3.72E-12
rs189493723	A	G	0.18	0.02	3.73E-12
rs145661878	A	G	1.79	0.25	3.73E-12
rs191333555	A	G	0.15	0.02	3.73E-12
rs187663093	A	G	0.09	0.01	3.74E-12
rs118167444	C	G	0.12	0.01	3.74E-12
rs77610448	T	C	0.15	0.02	3.75E-12
rs115319119	T	A	0.15	0.02	3.75E-12
rs112409626	C	T	0.15	0.02	3.75E-12
rs114182123	A	G	0.16	0.02	3.76E-12
rs535598033	C	G	0.15	0.02	3.77E-12
rs10073749	A	G	0.15	0.02	3.77E-12
rs115340112	A	G	0.15	0.02	3.77E-12
rs145666143	G	A	0.24	0.03	3.77E-12
rs543243049	A	T	0.15	0.02	3.78E-12
rs182213763	G	A	0.14	0.02	3.78E-12
rs138652074	A	G	0.15	0.02	3.78E-12
rs77304301	C	T	0.16	0.02	3.786E-12
rs114707111	G	A	0.15	0.02	3.787E-12
rs150481385	T	C	0.15	0.02	3.79E-12
rs141786025	A	G	0.21	0.03	3.80E-12
rs141755728	G	A	0.16	0.02	3.81E-12
rs148112673	C	G	0.16	0.02	3.81E-12

rs59503794	C	T	0.15	0.02	3.81E-12
rs147944620	G	C	0.5	0.07	3.81E-12
rs140413797	G	A	0.15	0.02	3.82E-12
rs577017160	C	A	0.15	0.02	3.82E-12
rs138704506	C	T	0.16	0.02	3.83E-12
rs186281549	C	T	0.15	0.02	3.84E-12
rs147939856	C	T	0.17	0.02	3.85E-12
rs147280119	A	G	0.15	0.02	3.86E-12
rs560003271	C	T	0.2	0.02	3.86E-12
rs191131432	T	C	0.15	0.02	3.86E-12
rs149211744	A	G	0.16	0.02	3.86E-12
rs150067236	C	G	0.16	0.02	3.88E-12
rs113340117	C	T	0.1	0.01	3.88E-12
rs7624457	T	C	0.04	0.0059359	3.88E-12
rs543121972	T	G	0.32	0.04	3.88E-12
rs113814038	A	G	0.15	0.02	3.89E-12
rs73121221	A	G	0.07	0.01	3.90E-12
rs116699814	G	A	0.07	0.01	3.90E-12
rs149232365	A	G	0.09	0.01	3.90E-12
rs12349136	A	G	0.08	0.01	3.90E-12
rs151206766	T	C	0.16	0.02	3.90E-12
rs10493003	C	A	0.15	0.02	3.90E-12
rs75852365	G	A	0.15	0.02	3.90E-12
rs7636661	A	G	0.15	0.02	3.91E-12
rs113757226	A	G	0.16	0.02	3.92E-12
rs35299454	C	T	0.15	0.02	3.92E-12
rs191119988	A	T	0.07	0.01	3.92E-12
rs112737250	G	C	0.15	0.02	3.92E-12
rs59356239	T	C	0.15	0.02	3.92E-12
rs143567655	T	G	0.16	0.02	3.93E-12
rs538700082	A	G	0.15	0.02	3.93E-12
rs148425669	T	C	0.15	0.02	3.93E-12
rs73729453	G	C	0.05	0.0080923	3.93E-12
rs138095928	T	C	0.15	0.02	3.94E-12
rs115046330	G	A	0.15	0.02	3.95E-12
rs369619506	T	C	0.15	0.02	3.96E-12
rs111749863	T	C	0.08	0.01	3.96E-12
rs73953721	G	C	0.07	0.01	3.96E-12
rs77739053	C	G	0.26	0.03	3.97E-12
rs183330123	C	T	0.15	0.02	3.98E-12
rs116613954	A	C	0.56	0.08	3.98E-12
rs149861655	A	G	0.16	0.02	3.98E-12
rs150230907	A	G	0.18	0.02	3.98E-12
rs150565044	A	G	0.13	0.01	3.98E-12
rs111535974	T	C	0.13	0.01	3.99E-12
rs147603776	A	G	0.15	0.02	3.99E-12
rs189025177	T	G	0.16	0.02	3.991E-12
rs10181858	A	T	0.2	0.02	3.99E-12
rs146213719	T	C	0.02	0.0033991	3.99E-12
rs141627268	G	A	0.03	0.0051186	3.99E-12
rs150368200	T	C	0.15	0.02	4.00E-12
rs114049593	T	C	0.15	0.02	4.01E-12
rs74408329	G	A	0.16	0.02	4.01E-12
rs75986500	G	T	0.15	0.02	4.01E-12
rs372437653	T	C	0.17	0.02	4.02E-12
rs532015138	T	C	0.16	0.02	4.02E-12
rs143542842	T	C	0.16	0.02	4.02E-12
rs113991902	T	C	0.17	0.02	4.02E-12
rs186193821	T	C	0.15	0.02	4.02E-12
rs79735307	T	A	0.15	0.02	4.02E-12
rs145077176	T	C	0.15	0.02	4.02E-12

rs77876419	T	C	0.14	0.02	4.03E-12
rs73774486	A	G	0.15	0.02	4.03E-12
rs138576857	G	A	0.15	0.02	4.03E-12
rs550281868	A	C	0.22	0.03	4.03E-12
rs139123722	T	C	0.19	0.02	4.03E-12
rs561658493	C	T	0.15	0.02	4.04E-12
rs13399393	C	A	0.15	0.02	4.04E-12
rs2418639	A	G	0.15	0.02	4.05E-12
rs141675866	T	C	0.15	0.02	4.05E-12
rs192584535	C	T	0.21	0.03	4.06E-12
rs544730008	A	G	0.16	0.02	4.07E-12
rs112445742	C	G	0.07	0.01	4.07E-12
rs145078223	A	G	0.34	0.04	4.073E-12
rs138108305	T	C	0.04	0.0063898	4.07E-12
rs567888880	T	C	0.15	0.02	4.08E-12
rs2943237	G	A	0.06	0.0095973	4.083E-12
rs182994537	C	T	0.15	0.02	4.10E-12
rs74696050	A	G	0.07	0.01	4.10E-12
rs115118416	A	T	0.15	0.02	4.10E-12
rs116009659	G	T	0.15	0.02	4.11E-12
rs559076234	G	A	0.15	0.02	4.12E-12
rs79746058	T	C	0.15	0.02	4.12E-12
rs76444300	A	G	0.15	0.02	4.12E-12
rs7341766	T	G	0.09	0.01	4.12E-12
rs7774912	C	T	0.13	0.01	4.13E-12
rs549434705	A	G	0.17	0.02	4.14E-12
rs540654677	A	G	0.42	0.06	4.14E-12
rs77458726	A	C	0.17	0.02	4.14E-12
rs565068259	T	C	0.05	0.0080039	4.15E-12
rs77933196	C	T	0.15	0.02	4.16E-12
rs78063490	G	A	0.11	0.01	4.16E-12
rs192806036	T	C	0.15	0.02	4.17E-12
rs146060309	G	A	0.15	0.02	4.18E-12
rs188867418	C	T	0.25	0.03	4.18E-12
rs140827349	T	C	0.15	0.02	4.18E-12
rs116690485	T	C	0.08	0.01	4.19E-12
rs115160264	A	G	0.16	0.02	4.20E-12
rs73679289	G	T	0.15	0.02	4.20E-12
rs186744876	C	T	0.15	0.02	4.20E-12
rs185404295	T	C	0.16	0.02	4.20E-12
rs147340783	C	G	0.15	0.02	4.20E-12
rs137882086	T	C	0.15	0.02	4.20E-12
rs150774712	C	A	0.04	0.0059323	4.21E-12
rs537834726	G	A	0.08	0.01	4.212E-12
rs148172053	T	G	0.11	0.01	4.22E-12
rs372002400	C	T	0.11	0.01	4.22E-12
rs554177624	G	A	0.16	0.02	4.23E-12
rs190372166	G	T	0.07	0.01	4.23E-12
rs551071943	T	G	0.15	0.02	4.24E-12
rs7738151	A	G	0.15	0.02	4.24E-12
rs138153545	T	C	0.2	0.02	4.25E-12
rs115976565	C	T	0.16	0.02	4.25E-12
rs185884274	C	T	0.15	0.02	4.26E-12
rs149960690	G	A	0.37	0.05	4.26E-12
rs182490325	C	T	0.15	0.02	4.26E-12
rs79143434	A	G	0.07	0.01	4.26E-12
rs115429375	C	G	0.16	0.02	4.28E-12
rs187316472	G	A	0.17	0.02	4.29E-12
rs142048895	A	G	0.16	0.02	4.29E-12
rs144756840	C	T	0.15	0.02	4.30E-12
rs571108573	T	C	0.15	0.02	4.31E-12

rs114046528	T	C	0.08	0.01	4.32E-12
rs145989045	T	C	0.74	0.1	4.32E-12
rs186427680	C	T	0.16	0.02	4.33E-12
rs56358741	T	C	0.14	0.02	4.35E-12
rs193025479	C	T	0.15	0.02	4.37E-12
rs78806515	A	C	0.18	0.02	4.38E-12
rs151161128	T	C	0.14	0.02	4.38E-12
rs143305449	T	C	0.15	0.02	4.38E-12
rs116622699	T	C	0.15	0.02	4.39E-12
rs116736224	C	T	0.15	0.02	4.39E-12
rs148502172	C	G	0.15	0.02	4.39E-12
rs7293269	T	C	0.04	0.006989	4.39E-12
rs145544914	G	T	0.24	0.03	4.39E-12
rs78772715	G	A	0.15	0.02	4.40E-12
rs116621482	C	T	0.16	0.02	4.40E-12
rs78682470	T	A	0.19	0.02	4.40E-12
rs139171141	G	T	7.91	1.14	4.40E-12
rs112650921	C	G	0.24	0.03	4.41E-12
rs563960889	T	C	0.17	0.02	4.415E-12
rs73009628	G	C	0.15	0.02	4.42E-12
rs559106723	G	C	0.15	0.02	4.42E-12
rs59286419	T	G	0.15	0.02	4.42E-12
rs369831750	G	A	0.15	0.02	4.43E-12
rs141628449	A	G	0.15	0.02	4.44E-12
rs545309864	A	G	0.15	0.02	4.44E-12
rs141187614	C	A	0.07	0.01	4.44E-12
rs188087381	A	G	0.15	0.02	4.45E-12
rs146833999	C	T	0.15	0.02	4.45E-12
rs142895597	A	G	0.14	0.02	4.463E-12
rs180807574	T	C	0.15	0.02	4.47E-12
rs115489358	T	C	0.16	0.02	4.47E-12
rs114694011	G	A	0.2	0.02	4.47E-12
rs139761090	G	A	0.15	0.02	4.48E-12
rs530433804	T	C	0.16	0.02	4.49E-12
rs7659895	T	C	0.61	0.08	4.49E-12
rs188071009	G	A	0.18	0.02	4.493E-12
rs189166566	C	A	0.17	0.02	4.50E-12
rs61754601	C	T	0.11	0.01	4.50E-12
rs145554309	A	G	0.15	0.02	4.51E-12
rs527238012	G	C	0.05	0.0077931	4.52E-12
rs115659090	G	A	0.16	0.02	4.52E-12
rs115417342	A	G	0.08	0.01	4.53E-12
rs528732236	T	A	0.19	0.02	4.529E-12
rs75608265	T	G	0.15	0.02	4.55E-12
rs149002094	T	C	0.17	0.02	4.55E-12
rs146629619	A	C	0.14	0.02	4.55E-12
rs145799800	T	G	0.19	0.02	4.56E-12
rs76492734	C	T	0.08	0.01	4.56E-12
rs75507010	T	C	0.07	0.01	4.58E-12
rs138663338	G	C	0.19	0.02	4.59E-12
rs114343197	G	A	0.14	0.02	4.60E-12
rs184485381	A	T	0.15	0.02	4.60E-12
rs192418205	G	A	0.16	0.02	4.607E-12
rs141451862	G	C	0.16	0.02	4.61E-12
rs74962211	T	A	0.13	0.01	4.61E-12
rs116151813	T	G	0.18	0.02	4.62E-12
rs75484074	C	A	0.16	0.02	4.62E-12
rs144614186	A	C	0.15	0.02	4.62E-12
rs577144231	A	T	0.15	0.02	4.63E-12
rs138092654	A	T	0.23	0.03	4.63E-12
rs76165915	A	G	0.2	0.03	4.63E-12



rs148902309	C	T	0.15	0.02	4.64E-12
rs183687879	C	A	0.2	0.02	4.64E-12
rs114964143	C	T	0.15	0.02	4.64E-12
rs141168804	A	G	0.24	0.03	4.64E-12
rs78397244	C	A	0.16	0.02	4.65E-12
rs73865515	G	A	0.15	0.02	4.65E-12
rs77622740	G	C	0.03	0.0047853	4.66E-12
rs146044292	T	G	0.15	0.02	4.66E-12
rs181298580	T	C	0.15	0.02	4.67E-12
rs146204320	A	G	0.12	0.01	4.67E-12
rs147683447	A	G	0.14	0.02	4.68E-12
rs41404846	G	T	0.15	0.02	4.69E-12
rs535336716	G	A	0.15	0.02	4.69E-12
rs549201877	T	C	0.15	0.02	4.69E-12
rs146276387	A	C	0.15	0.02	4.69E-12
rs143047579	G	A	0.56	0.08	4.70E-12
rs74725948	T	C	0.07	0.01	4.70E-12
rs146383174	T	C	0.15	0.02	4.703E-12
rs188811355	T	C	0.26	0.03	4.706E-12
rs550815883	C	T	0.06	0.009291	4.71E-12
rs190356916	G	A	0.24	0.03	4.71E-12
rs149722712	G	T	0.15	0.02	4.72E-12
rs112650289	T	G	0.08	0.01	4.74E-12
rs58387790	G	A	0.07	0.01	4.74E-12
rs114086630	A	G	0.12	0.01	4.752E-12
rs77447491	C	T	0.08	0.01	4.75E-12
rs138391983	T	C	0.07	0.01	4.75E-12
rs75546621	T	A	0.15	0.02	4.77E-12
rs150816867	C	T	0.15	0.02	4.78E-12
rs73750474	G	C	1.11	0.16	4.78E-12
rs147296634	A	G	0.15	0.02	4.78E-12
rs191612372	C	T	0.17	0.02	4.78E-12
rs74930402	T	A	0.07	0.01	4.78E-12
rs76662814	T	C	0.12	0.01	4.805E-12
rs143533712	C	T	1.33	0.19	4.82E-12
rs565149810	C	A	0.05	0.0085859	4.82E-12
rs143269603	T	C	0.15	0.02	4.83E-12
rs185498033	G	C	0.1	0.01	4.83E-12
rs111366326	G	A	0.15	0.02	4.84E-12
rs73471877	G	A	0.13	0.01	4.85E-12
rs79070459	T	G	0.15	0.02	4.86E-12
rs185740417	A	C	0.15	0.02	4.86E-12
rs149012052	A	G	0.15	0.02	4.86E-12
rs17042003	A	C	0.07	0.01	4.865E-12
rs141695290	C	T	0.15	0.02	4.87E-12
rs182707731	T	C	0.16	0.02	4.88E-12
rs145666362	T	C	0.05	0.0080646	4.88E-12
rs556151880	G	C	0.15	0.02	4.88E-12
rs116026705	T	C	0.12	0.01	4.88E-12
rs111723510	G	A	0.18	0.02	4.892E-12
rs111440158	C	T	0.03	0.0047832	4.896E-12
rs114352555	T	G	0.13	0.01	4.90E-12
rs541962322	C	T	0.15	0.02	4.90E-12
rs144011267	G	A	0.07	0.01	4.904E-12
rs191710513	A	T	0.16	0.02	4.91E-12
rs574561278	C	T	0.79	0.11	4.92E-12
rs140282365	C	T	0.15	0.02	4.92E-12
rs146425297	T	G	0.08	0.01	4.93E-12
rs74834848	G	C	0.15	0.02	4.93E-12
rs145524375	A	G	0.15	0.02	4.93E-12
rs142460387	T	C	0.23	0.03	4.94E-12

rs536969851	T	A	0.15	0.02	4.95E-12
rs116215090	T	C	0.15	0.02	4.96E-12
rs115071066	T	C	0.15	0.02	4.96E-12
rs368057203	T	C	0.08	0.01	4.96E-12
rs550611018	A	T	0.08	0.01	4.97E-12
rs111497827	G	A	0.16	0.02	4.98E-12
rs553559608	G	C	0.08	0.01	4.98E-12
rs368314455	T	C	0.16	0.02	4.98E-12
rs113082123	G	C	0.07	0.01	4.99E-12
rs138133454	T	C	0.15	0.02	4.99E-12
rs115750806	C	G	0.13	0.01	4.99E-12
rs538855337	T	C	0.2	0.02	4.99E-12
rs116790677	G	C	0.15	0.02	4.996E-12
rs79402771	A	C	0.15	0.02	4.996E-12
rs565439381	A	G	0.15	0.02	5.02E-12
rs114178334	A	C	0.19	0.02	5.02E-12
rs143620285	T	C	0.15	0.02	5.03E-12
rs115548085	T	C	0.16	0.02	5.04E-12
rs115194572	G	A	0.16	0.02	5.04E-12
rs142470091	T	C	0.13	0.02	5.04E-12
rs4266269	C	G	0.16	0.02	5.04E-12
rs567032229	A	G	0.15	0.02	5.04E-12
rs693803	G	T	0.16	0.02	5.043E-12
rs762791202	T	A	0.07	0.01	5.05E-12
rs114830383	G	C	0.15	0.02	5.05E-12
rs747165497	C	T	0.04	0.0070366	5.05E-12
rs143734246	G	A	0.19	0.02	5.05E-12
rs566755259	T	C	0.18	0.02	5.06E-12
rs112797166	T	C	0.05	0.0082521	5.069E-12
rs12115676	A	G	0.16	0.02	5.07E-12
rs114379844	A	C	0.15	0.02	5.08E-12
rs147060296	A	T	0.15	0.02	5.08E-12
rs375172041	G	A	0.15	0.02	5.09E-12
rs74466820	G	A	0.2	0.02	5.09E-12
rs142493120	C	T	0.07	0.01	5.10E-12
rs540265610	T	C	0.15	0.02	5.10E-12
rs35174971	A	G	0.05	0.0084155	5.12E-12
rs115190622	A	T	0.07	0.01	5.12E-12
rs143421846	A	C	0.51	0.07	5.12E-12
rs534984970	C	G	0.2	0.02	5.14E-12
rs140760080	G	A	0.32	0.04	5.15E-12
rs115032722	A	G	0.15	0.02	5.15E-12
rs573507399	A	G	0.17	0.02	5.16E-12
rs147462418	A	C	0.16	0.02	5.16E-12
rs548683828	T	C	0.32	0.04	5.16E-12
rs115287521	A	T	0.15	0.02	5.17E-12
rs141843250	A	G	0.15	0.02	5.18E-12
rs116733018	T	A	0.15	0.02	5.179E-12
rs144041042	C	G	0.16	0.02	5.18E-12
rs114724545	T	C	0.06	0.0087195	5.185E-12
rs115301022	A	G	0.07	0.01	5.195E-12
rs16845450	G	A	0.04	0.0060378	5.20E-12
rs80192425	G	A	0.2	0.02	5.21E-12
rs186457178	A	G	0.15	0.02	5.21E-12
rs144685053	A	G	0.16	0.02	5.22E-12
rs149024044	C	G	0.16	0.02	5.22E-12
rs77069930	C	T	0.16	0.02	5.22E-12
rs147795225	T	C	0.15	0.02	5.227E-12
rs73646371	A	C	0.15	0.02	5.228E-12
rs190436744	T	C	0.13	0.01	5.23E-12
rs191553400	C	T	0.12	0.01	5.23E-12

rs7756688	C	T	0.13	0.01	5.24E-12
rs539826441	G	C	0.08	0.01	5.256E-12
rs80218201	T	C	0.14	0.02	5.26E-12
rs10013644	T	A	0.2	0.02	5.26E-12
rs80183379	A	G	0.11	0.01	5.26E-12
rs143753181	C	T	0.15	0.02	5.268E-12
rs1453924	C	G	0.15	0.02	5.27E-12
rs149716076	G	A	0.15	0.02	5.27E-12
rs149944891	A	G	0.16	0.02	5.27E-12
rs115374905	C	T	0.07	0.01	5.28E-12
rs77363344	C	A	0.15	0.02	5.28E-12
rs74938550	T	C	0.15	0.02	5.282E-12
rs72911062	A	G	0.05	0.0084227	5.30E-12
rs148304479	A	T	0.19	0.02	5.30E-12
rs114700148	G	A	0.15	0.02	5.31E-12
rs553316783	T	C	0.17	0.02	5.32E-12
rs112271415	A	G	0.2	0.03	5.33E-12
rs191826017	G	C	0.53	0.07	5.341E-12
rs77475118	C	G	0.17	0.02	5.35E-12
rs76650643	A	G	0.16	0.02	5.36E-12
rs115503583	G	T	0.08	0.01	5.37E-12
rs11898448	T	G	0.15	0.02	5.38E-12
rs150920358	G	A	0.15	0.02	5.38E-12
rs74913699	T	C	0.18	0.02	5.38E-12
rs73469659	C	T	0.15	0.02	5.39E-12
rs151120294	T	C	0.1	0.01	5.40E-12
rs80135021	G	A	0.17	0.02	5.43E-12
rs147929304	A	G	0.17	0.02	5.43E-12
rs574102848	T	A	0.15	0.02	5.44E-12
rs752597	C	T	0.08	0.01	5.44E-12
rs138137501	C	T	0.21	0.03	5.441E-12
rs149923675	T	G	0.15	0.02	5.46E-12
rs138625807	A	G	0.34	0.05	5.47E-12
rs141285164	C	T	0.15	0.02	5.47E-12
rs183617130	C	T	0.15	0.02	5.48E-12
rs73670316	C	G	0.14	0.02	5.48E-12
rs75729766	G	A	0.15	0.02	5.48E-12
rs112184256	A	G	0.15	0.02	5.50E-12
rs116022940	T	C	0.08	0.01	5.51E-12
rs189726551	A	G	0.05	0.0075937	5.51E-12
rs186055201	G	A	0.08	0.01	5.52E-12
rs148279653	A	G	0.15	0.02	5.52E-12
rs116425632	T	C	0.16	0.02	5.52E-12
rs111755891	C	T	0.15	0.02	5.53E-12
rs112445057	C	T	0.15	0.02	5.54E-12
rs76912154	C	T	0.19	0.02	5.54E-12
rs73819359	T	A	0.12	0.01	5.55E-12
rs149482228	A	G	0.07	0.01	5.55E-12
rs139769147	A	G	0.15	0.02	5.56E-12
rs116377947	C	T	0.15	0.02	5.57E-12
rs147141061	C	T	0.06	0.0087082	5.567E-12
rs150417908	G	C	0.15	0.02	5.58E-12
rs372054401	C	T	0.15	0.02	5.58E-12
rs140154179	G	C	0.15	0.02	5.58E-12
rs79843938	A	G	0.19	0.02	5.598E-12
rs140144706	T	G	0.16	0.02	5.60E-12
rs139574335	G	A	0.07	0.01	5.60E-12
rs145815356	A	G	0.2	0.02	5.60E-12
rs142801349	T	C	0.15	0.02	5.61E-12
rs115243406	A	C	0.14	0.02	5.61E-12
rs76279435	A	G	0.07	0.01	5.61E-12

rs79302512	G	T	0.19	0.02	5.63E-12
rs574798059	A	G	0.15	0.02	5.627E-12
rs190249756	T	C	0.05	0.0079901	5.63E-12
rs77312138	A	G	0.06	0.0097191	5.63E-12
rs112020134	A	G	3.3	0.47	5.64E-12
rs141550860	G	A	0.14	0.02	5.64E-12
rs150912905	G	C	0.15	0.02	5.64E-12
rs556218966	T	C	0.15	0.02	5.64E-12
rs10216661	G	C	0.16	0.02	5.649E-12
rs183867294	A	G	0.15	0.02	5.65E-12
rs79018980	C	T	0.15	0.02	5.65E-12
rs139198532	G	C	0.05	0.0077875	5.66E-12
rs149810159	T	C	0.15	0.02	5.66E-12
rs547787508	T	A	0.19	0.02	5.66E-12
rs141080260	T	C	0.43	0.06	5.66E-12
rs141949130	A	G	0.14	0.02	5.67E-12
rs192213712	C	A	0.15	0.02	5.68E-12
rs17025343	A	G	0.15	0.02	5.68E-12
rs569691486	A	G	0.79	0.11	5.68E-12
rs148678424	T	C	0.15	0.02	5.69E-12
rs116606829	T	C	0.92	0.13	5.69E-12
rs181510200	T	C	0.08	0.01	5.70E-12
rs565611976	G	A	0.08	0.01	5.70E-12
rs193112910	T	C	0.08	0.01	5.70E-12
rs181161503	C	G	0.08	0.01	5.70E-12
rs114542012	T	G	0.07	0.01	5.71E-12
rs144839276	T	C	0.04	0.0060246	5.72E-12
rs115034035	T	A	0.15	0.02	5.72E-12
rs184052952	A	G	0.08	0.01	5.72E-12
rs572245196	C	T	0.08	0.01	5.72E-12
rs139653404	A	G	0.05	0.0077479	5.73E-12
rs116327365	G	A	0.14	0.02	5.73E-12
rs75100591	T	G	0.15	0.02	5.73E-12
rs180795892	G	A	0.08	0.01	5.73E-12
rs192631497	A	G	0.08	0.01	5.75E-12
rs139824884	C	G	0.14	0.02	5.76E-12
rs78389402	G	A	0.15	0.02	5.76E-12
rs182957403	G	A	0.08	0.01	5.77E-12
rs144048423	A	G	0.23	0.03	5.78E-12
rs183532740	A	G	0.17	0.02	5.79E-12
rs562435952	G	A	0.16	0.02	5.788E-12
rs149024056	G	T	0.13	0.01	5.80E-12
rs190951789	G	T	0.09	0.01	5.82E-12
rs574665090	A	G	0.08	0.01	5.82E-12
rs768849419	A	G	0.03	0.0051901	5.82E-12
rs149737172	T	G	0.15	0.02	5.83E-12
rs149742010	T	C	0.15	0.02	5.83E-12
rs116809492	G	C	0.15	0.02	5.83E-12
rs766078606	C	G	0.09	0.01	5.84E-12
rs183555745	A	G	0.08	0.01	5.85E-12
rs183429376	A	G	0.1	0.01	5.857E-12
rs118083549	A	G	0.15	0.02	5.86E-12
rs114042527	G	A	0.15	0.02	5.869E-12
rs572834521	A	G	0.14	0.02	5.87E-12
rs145454443	A	G	0.16	0.02	5.87E-12
rs151117782	T	A	0.15	0.02	5.88E-12
rs185501031	G	T	0.06	0.0097411	5.88E-12
rs149875834	C	T	0.16	0.02	5.89E-12
rs116393082	C	T	0.07	0.01	5.90E-12
rs188892870	C	T	1.26	0.18	5.90E-12
rs371102829	A	C	0.15	0.02	5.90E-12

rs28649600	G	C	0.15	0.02	5.91E-12
rs79116599	T	C	0.1	0.01	5.92E-12
rs139824590	T	G	0.16	0.02	5.92E-12
rs146772619	T	C	0.15	0.02	5.93E-12
rs547738608	T	C	0.14	0.02	5.93E-12
rs145253554	A	T	0.15	0.02	5.93E-12
rs190116054	T	C	0.07	0.01	5.94E-12
rs544511202	C	T	0.13	0.01	5.94E-12
rs139776183	T	C	0.54	0.07	5.94E-12
rs73774487	C	T	0.16	0.02	5.96E-12
rs113213853	C	T	0.15	0.02	5.97E-12
rs112071921	C	T	0.15	0.02	5.97E-12
rs139590326	T	A	0.17	0.02	5.98E-12
rs139609000	C	T	0.14	0.02	5.99E-12
rs368893699	G	T	0.28	0.04	5.99E-12
rs542188484	T	C	0.15	0.02	6.00E-12
rs193224937	C	G	0.15	0.02	6.003E-12
rs577253519	A	G	0.15	0.02	6.00E-12
6:71135831_C_A	A	C	0.06	0.0098815	6.02E-12
rs778615976	C	A	0.05	0.0079173	6.02E-12
rs530930154	G	C	0.13	0.01	6.02E-12
rs17026359	T	G	0.15	0.02	6.03E-12
rs73774468	T	C	0.15	0.02	6.03E-12
rs529698353	A	C	0.07	0.01	6.03E-12
rs80282159	C	T	0.18	0.02	6.04E-12
rs558234246	G	A	0.15	0.02	6.06E-12
rs112336259	G	A	0.15	0.02	6.07E-12
rs140239928	C	T	0.15	0.02	6.07E-12
rs560209085	T	C	0.15	0.02	6.07E-12
rs149012874	T	C	0.15	0.02	6.08E-12
rs145363030	A	G	0.07	0.01	6.08E-12
rs143898488	A	G	0.07	0.01	6.09E-12
rs139143073	C	T	0.17	0.02	6.09E-12
rs141026806	G	T	0.17	0.02	6.09E-12
rs185733991	C	T	0.15	0.02	6.09E-12
rs190391166	T	C	0.22	0.03	6.09E-12
rs148682972	T	C	0.12	0.01	6.09E-12
rs551865642	T	G	0.15	0.02	6.10E-12
rs111739505	T	C	0.1	0.01	6.10E-12
rs138340276	C	T	0.15	0.02	6.11E-12
rs77563936	T	A	0.15	0.02	6.119E-12
rs115378879	A	G	0.16	0.02	6.12E-12
rs372431032	C	T	0.15	0.02	6.12E-12
rs531304804	A	G	0.11	0.01	6.13E-12
rs143665573	T	C	0.15	0.02	6.14E-12
rs116713671	A	G	0.07	0.01	6.14E-12
rs116691437	G	A	0.07	0.01	6.14E-12
rs73774457	A	T	0.15	0.02	6.15E-12
rs73774458	A	G	0.15	0.02	6.15E-12
rs73774448	G	T	0.15	0.02	6.15E-12
rs73774445	A	C	0.15	0.02	6.15E-12
rs60324156	T	G	0.15	0.02	6.15E-12
rs535699204	T	C	0.15	0.02	6.15E-12
rs150115652	A	G	0.15	0.02	6.15E-12
rs144541929	T	C	0.26	0.03	6.16E-12
rs115461927	C	T	0.27	0.04	6.17E-12
rs116140505	A	G	0.19	0.02	6.17E-12
rs142430272	G	A	0.07	0.01	6.178E-12
rs114108007	A	T	0.15	0.02	6.18E-12
rs554139645	C	T	0.07	0.01	6.19E-12
rs745871521	A	G	0.04	0.0060948	6.19E-12

rs77198554	G	A	0.07	0.01	6.20E-12
rs541682477	A	T	0.16	0.02	6.20E-12
rs540079742	C	T	0.15	0.02	6.21E-12
rs116716201	T	A	0.15	0.02	6.22E-12
rs78233981	T	A	3.32	0.48	6.22E-12
rs79351350	A	G	0.15	0.02	6.24E-12
rs181548072	T	C	0.35	0.05	6.25E-12
rs73073038	A	G	0.13	0.02	6.25E-12
rs565802776	C	T	0.14	0.02	6.25E-12
rs114480527	A	T	0.16	0.02	6.25E-12
rs1577871	G	A	0.14	0.02	6.27E-12
rs182084903	T	G	0.07	0.01	6.28E-12
rs116805542	C	T	0.15	0.02	6.29E-12
rs143668424	A	G	0.15	0.02	6.30E-12
rs185463411	C	G	0.05	0.0078061	6.31E-12
rs548187790	C	T	0.16	0.02	6.31E-12
rs72971123	G	A	0.15	0.02	6.32E-12
rs144209469	C	G	0.15	0.02	6.32E-12
rs78931581	A	G	0.17	0.02	6.33E-12
rs59334228	C	T	0.15	0.02	6.341E-12
rs10216411	T	C	0.16	0.02	6.34E-12
rs72942403	A	G	0.15	0.02	6.34E-12
rs185664042	A	T	0.15	0.02	6.35E-12
rs112689423	C	G	0.07	0.01	6.36E-12
rs140600740	T	C	0.15	0.02	6.38E-12
rs111928300	A	G	0.15	0.02	6.38E-12
7:63038492_A_G	G	A	0.15	0.02	6.38E-12
rs73774441	T	C	0.15	0.02	6.39E-12
rs145293191	T	C	0.07	0.01	6.39E-12
rs552016543	T	G	0.18	0.02	6.392E-12
rs141264261	A	C	0.15	0.02	6.39E-12
rs146544159	A	G	0.15	0.02	6.39E-12
rs111359325	C	T	0.15	0.02	6.393E-12
rs146439896	T	C	0.15	0.02	6.39E-12
rs187244284	A	G	0.09	0.01	6.41E-12
rs144020583	G	A	0.17	0.02	6.41E-12
rs368863360	C	A	0.19	0.02	6.42E-12
rs114146379	G	A	0.09	0.01	6.43E-12
rs17086690	T	C	0.07	0.01	6.432E-12
rs12265521	C	T	0.15	0.02	6.43E-12
rs549099797	A	G	0.07	0.01	6.44E-12
rs115185162	T	C	0.04	0.005896	6.454E-12
rs115165491	A	G	0.28	0.04	6.46E-12
rs543604405	T	C	0.19	0.02	6.46E-12
rs143371594	A	C	0.15	0.02	6.47E-12
rs75285902	C	T	0.07	0.01	6.47E-12
rs79058818	T	A	0.13	0.01	6.47E-12
rs77074015	A	G	0.05	0.0073489	6.47E-12
rs9995002	C	T	0.15	0.02	6.48E-12
rs6793479	C	T	0.05	0.0079179	6.489E-12
rs147698131	C	G	0.14	0.02	6.49E-12
rs534540739	G	A	0.15	0.02	6.493E-12
rs185302986	G	T	0.37	0.05	6.50E-12
rs149295276	A	G	0.15	0.02	6.50E-12
rs776049767	A	G	0.05	0.0072941	6.50E-12
rs139820249	T	A	0.71	0.1	6.50E-12
rs7589426	T	C	0.05	0.0082815	6.51E-12
rs558546162	C	G	0.15	0.02	6.51E-12
rs2677790	G	A	-0.23	0.03	6.508E-12
rs78012137	G	A	0.15	0.02	6.508E-12
rs147356885	A	G	0.15	0.02	6.52E-12

rs78777641	T	C	0.15	0.02	6.52E-12
rs72971117	G	A	0.15	0.02	6.52E-12
rs4552990	C	A	0.15	0.02	6.53E-12
rs573742677	A	G	0.07	0.01	6.53E-12
rs35497604	G	A	0.16	0.02	6.53E-12
rs137964257	C	T	0.15	0.02	6.534E-12
rs116324422	C	G	0.15	0.02	6.54E-12
rs114241713	A	G	0.11	0.01	6.54E-12
rs114285723	A	T	0.15	0.02	6.54E-12
rs115081094	C	T	0.15	0.02	6.54E-12
rs114438575	T	C	0.15	0.02	6.54E-12
rs531093859	G	A	0.19	0.02	6.54E-12
rs4517130	C	T	0.15	0.02	6.54E-12
rs116159760	C	G	0.13	0.01	6.55E-12
rs117304142	C	T	0.2	0.02	6.55E-12
rs77216239	C	T	0.07	0.01	6.57E-12
rs114470839	T	A	0.15	0.02	6.571E-12
rs561681281	A	T	0.15	0.02	6.58E-12
rs80054275	T	G	0.15	0.02	6.58E-12
rs144082145	C	T	0.14	0.02	6.58E-12
rs565540636	T	C	0.18	0.02	6.59E-12
rs28642855	G	T	0.15	0.02	6.59E-12
rs140997061	C	A	0.16	0.02	6.59E-12
rs146640984	G	A	0.14	0.02	6.60E-12
rs4431661	G	A	0.15	0.02	6.60E-12
rs73337651	G	C	0.04	0.0070804	6.606E-12
rs181287383	A	C	0.15	0.02	6.61E-12
rs73691502	T	C	0.15	0.02	6.62E-12
rs557677555	A	G	0.05	0.0077663	6.62E-12
rs56734058	G	T	0.15	0.02	6.62E-12
rs116404273	T	C	0.52	0.07	6.62E-12
rs73538923	G	A	0.18	0.02	6.62E-12
rs149113552	A	C	0.15	0.02	6.63E-12
rs60949369	A	T	0.07	0.01	6.64E-12
rs115884381	T	C	0.07	0.01	6.64E-12
rs141026566	T	C	0.16	0.02	6.657E-12
rs553641084	A	C	0.29	0.04	6.66E-12
4:29139013_A_T	T	A	0.03	0.0055644	6.67E-12
rs181456177	C	T	0.16	0.02	6.67E-12
rs148344512	G	A	0.07	0.01	6.67E-12
rs568283735	G	A	0.07	0.01	6.67E-12
rs377420877	T	G	0.15	0.02	6.68E-12
rs141440880	C	T	0.15	0.02	6.683E-12
rs545637739	A	T	0.22	0.03	6.68E-12
rs148980802	A	G	0.79	0.11	6.69E-12
rs142065431	T	C	0.15	0.02	6.69E-12
rs139578553	C	T	0.15	0.02	6.70E-12
rs569053321	C	T	0.15	0.02	6.71E-12
rs559962473	T	A	0.88	0.12	6.71E-12
rs75186187	C	T	0.24	0.03	6.72E-12
rs148792261	A	G	0.15	0.02	6.72E-12
rs78028164	T	C	0.07	0.01	6.72E-12
rs554073171	G	A	0.15	0.02	6.74E-12
rs138723353	T	C	0.18	0.02	6.74E-12
rs190394556	G	A	1.01	0.14	6.74E-12
rs116240420	A	G	0.14	0.02	6.75E-12
rs150197891	A	C	0.07	0.01	6.75E-12
rs114368555	C	T	0.23	0.03	6.76E-12
rs6703165	A	C	0.15	0.02	6.76E-12
rs114120938	T	C	0.15	0.02	6.76E-12
rs570232984	T	C	0.15	0.02	6.77E-12

rs60368679	T	C	0.07	0.01	6.771E-12
rs115533041	C	G	0.15	0.02	6.77E-12
rs149426832	T	A	0.07	0.01	6.78E-12
rs73710374	A	G	0.15	0.02	6.79E-12
rs142112500	C	T	0.17	0.02	6.80E-12
rs116942264	T	C	0.15	0.02	6.80E-12
rs114196927	C	T	0.15	0.02	6.80E-12
rs187355122	G	A	0.19	0.02	6.81E-12
rs370114523	T	C	0.08	0.01	6.81E-12
rs192676294	C	T	0.1	0.01	6.82E-12
rs28361373	T	C	0.15	0.02	6.83E-12
rs76588211	C	T	0.15	0.02	6.83E-12
rs537492777	A	G	0.15	0.02	6.84E-12
rs114260670	T	C	0.15	0.02	6.84E-12
rs139573241	G	T	0.14	0.02	6.84E-12
rs144261443	T	C	0.15	0.02	6.844E-12
rs181600448	C	T	0.03	0.0052455	6.85E-12
rs116228270	G	A	0.19	0.02	6.87E-12
rs60206367	T	C	0.07	0.01	6.89E-12
rs16936787	T	C	0.15	0.02	6.90E-12
rs115397886	G	A	0.52	0.07	6.90E-12
rs59738104	T	C	0.07	0.01	6.91E-12
rs113204647	A	T	0.08	0.01	6.91E-12
rs113034675	C	T	0.08	0.01	6.93E-12
rs149616751	A	T	0.15	0.02	6.94E-12
rs528420405	A	C	0.16	0.02	6.94E-12
rs140341310	C	G	0.11	0.01	6.94E-12
rs566245170	C	T	0.24	0.03	6.95E-12
rs73195500	A	G	0.15	0.02	6.948E-12
rs114924732	A	G	0.15	0.02	6.95E-12
rs186804289	T	C	0.16	0.02	6.95E-12
rs115398075	A	G	0.08	0.01	6.95E-12
rs114478387	T	A	0.15	0.02	6.96E-12
rs191288288	T	C	0.27	0.04	6.96E-12
rs112408607	T	C	0.18	0.02	6.98E-12
rs73093405	C	G	0.15	0.02	6.98E-12
rs73093408	C	T	0.15	0.02	6.98E-12
rs145988154	T	C	0.19	0.02	6.99E-12
rs57436754	G	C	0.15	0.02	6.99E-12
rs76360716	G	C	0.15	0.02	6.99E-12
rs114155142	A	G	0.16	0.02	7.00E-12
rs115295592	C	G	0.05	0.0077073	7.00E-12
rs149633370	T	C	0.17	0.02	7.00E-12
rs116737657	C	T	0.07	0.01	7.00E-12
rs79434218	A	T	0.16	0.02	7.01E-12
rs116094900	C	T	0.15	0.02	7.01E-12
rs377160113	A	G	0.16	0.02	7.03E-12
rs144210006	C	T	0.14	0.02	7.03E-12
rs148806880	A	C	0.15	0.02	7.05E-12
6:7870330_A_G	G	A	0.19	0.02	7.06E-12
rs75149816	C	T	0.15	0.02	7.09E-12
rs537042339	A	G	0.14	0.02	7.10E-12
rs28562883	A	G	0.07	0.01	7.10E-12
rs75613886	A	G	0.07	0.01	7.10E-12
rs142678014	G	A	0.15	0.02	7.11E-12
rs192653089	T	C	0.15	0.02	7.12E-12
rs140901083	C	T	0.15	0.02	7.12E-12
rs142525407	A	G	0.15	0.02	7.13E-12
rs116800893	G	C	0.15	0.02	7.14E-12
rs114184255	A	C	0.14	0.02	7.14E-12
rs531783368	G	A	0.44	0.06	7.14E-12



rs114621435	A	G	0.09	0.01	7.15E-12
rs116404127	A	C	0.15	0.02	7.152E-12
rs183178644	G	C	0.15	0.02	7.15E-12
rs187872018	A	G	0.15	0.02	7.15E-12
rs79028579	C	T	0.52	0.07	7.16E-12
rs141664643	C	T	0.15	0.02	7.17E-12
rs112909831	C	T	0.11	0.01	7.18E-12
rs143581837	A	G	0.15	0.02	7.18E-12
rs189123442	A	G	0.15	0.02	7.19E-12
rs141194459	A	G	0.14	0.02	7.19E-12
rs545890200	T	C	0.15	0.02	7.206E-12
rs73854389	C	T	0.15	0.02	7.22E-12
rs73854390	T	C	0.15	0.02	7.22E-12
rs116072400	A	G	0.12	0.01	7.23E-12
rs117779903	A	G	0.14	0.02	7.23E-12
rs137882691	A	G	0.07	0.01	7.24E-12
rs115747410	T	G	0.15	0.02	7.256E-12
rs182267141	T	C	0.15	0.02	7.258E-12
rs73729451	C	A	0.05	0.0080092	7.26E-12
rs554025299	C	T	0.15	0.02	7.26E-12
rs554812619	G	A	0.18	0.02	7.26E-12
rs147058164	C	T	0.15	0.02	7.26E-12
rs111949420	T	C	0.15	0.02	7.26E-12
rs77504328	A	T	0.12	0.01	7.27E-12
rs28647799	G	C	0.15	0.02	7.288E-12
rs527557315	G	A	0.15	0.02	7.29E-12
rs79186232	A	G	0.52	0.07	7.29E-12
rs113411524	A	C	0.07	0.01	7.30E-12
rs142383044	C	T	0.31	0.04	7.31E-12
rs138881075	C	T	0.07	0.01	7.31E-12
rs149936455	G	A	0.17	0.02	7.31E-12
rs147753005	T	C	0.18	0.02	7.31E-12
rs74645454	A	C	0.15	0.02	7.32E-12
rs77563577	T	C	0.07	0.01	7.32E-12
rs76550790	A	G	0.15	0.02	7.329E-12
rs192707996	C	T	0.31	0.04	7.34E-12
rs6703294	A	C	0.15	0.02	7.35E-12
rs116692238	C	T	0.15	0.02	7.35E-12
rs2231247	A	G	0.04	0.0058898	7.355E-12
5:119962378_A_T	T	A	0.07	0.01	7.36E-12
rs191887654	A	G	1.48	0.21	7.359E-12
rs139602866	A	G	0.15	0.02	7.36E-12
rs115998995	G	C	0.2	0.02	7.37E-12
rs141193103	T	C	0.15	0.02	7.39E-12
rs2872608	G	A	0.15	0.02	7.403E-12
rs144465337	C	T	0.19	0.02	7.40E-12
rs116745895	A	G	0.07	0.01	7.41E-12
rs187432282	T	G	0.15	0.02	7.41E-12
rs116146861	A	G	0.32	0.04	7.41E-12
rs111642784	G	A	0.2	0.02	7.41E-12
rs116435651	T	C	0.12	0.01	7.43E-12
rs113908184	T	G	0.07	0.01	7.43E-12
rs144454056	T	C	0.15	0.02	7.44E-12
rs143140858	T	C	0.15	0.02	7.44E-12
rs72971122	G	T	0.15	0.02	7.44E-12
rs147278558	A	G	0.15	0.02	7.47E-12
rs13417136	T	C	0.15	0.02	7.48E-12
rs187998787	T	C	0.15	0.02	7.49E-12
rs192653148	T	G	0.15	0.02	7.49E-12
rs112531036	A	G	0.15	0.02	7.505E-12
rs75378231	C	G	0.48	0.07	7.51E-12

rs142679480	C	G	0.07	0.01	7.51E-12
rs144948544	T	C	0.15	0.02	7.51E-12
rs73469658	G	A	0.15	0.02	7.51E-12
rs533244927	C	T	0.15	0.02	7.53E-12
rs146675898	C	T	0.15	0.02	7.54E-12
rs116629689	A	G	0.15	0.02	7.54E-12
rs116578435	C	T	0.52	0.07	7.55E-12
rs116712959	G	A	0.52	0.07	7.55E-12
rs182738316	C	G	0.15	0.02	7.55E-12
rs188184262	A	G	0.15	0.02	7.55E-12
rs115911568	T	C	0.15	0.02	7.559E-12
rs79871306	A	C	0.52	0.07	7.56E-12
rs79970037	A	C	0.07	0.01	7.57E-12
rs73195491	T	A	0.15	0.02	7.57E-12
rs76149342	G	A	0.52	0.07	7.58E-12
rs115197305	C	T	0.52	0.07	7.58E-12
rs138444054	T	G	0.22	0.03	7.58E-12
rs138826365	T	G	0.23	0.03	7.58E-12
rs79040942	G	A	0.15	0.02	7.588E-12
rs139006813	G	C	0.15	0.02	7.59E-12
rs142893440	A	G	0.26	0.03	7.60E-12
rs148216439	C	T	0.26	0.03	7.60E-12
rs540402501	T	C	0.15	0.02	7.61E-12
rs150747370	A	G	0.15	0.02	7.61E-12
rs112115210	A	G	0.07	0.01	7.62E-12
rs60718034	A	G	0.14	0.02	7.62E-12
rs140536127	A	T	0.15	0.02	7.65E-12
rs145414323	A	T	0.15	0.02	7.65E-12
rs571519539	C	T	0.15	0.02	7.67E-12
rs114512870	G	C	0.17	0.02	7.67E-12
rs74365819	T	A	0.15	0.02	7.67E-12
rs143443779	G	T	0.07	0.01	7.68E-12
rs188098066	A	G	0.08	0.01	7.68E-12
rs78052444	T	C	0.15	0.02	7.68E-12
rs150844461	G	A	0.07	0.01	7.686E-12
rs141458497	G	C	0.07	0.01	7.686E-12
rs186317528	G	A	0.09	0.01	7.70E-12
rs544480833	A	G	0.13	0.02	7.70E-12
rs186263641	A	G	0.16	0.02	7.71E-12
rs529950066	T	G	0.17	0.02	7.75E-12
rs76265052	A	T	0.15	0.02	7.75E-12
rs146819888	T	C	0.13	0.01	7.76E-12
rs143404081	C	A	0.15	0.02	7.76E-12
9:110136724_G_A	A	G	0.04	0.0065706	7.77E-12
rs115980801	A	C	0.15	0.02	7.78E-12
rs115156152	G	A	0.14	0.02	7.80E-12
rs75528478	G	A	0.06	0.0090729	7.80E-12
rs116402844	A	C	0.14	0.02	7.81E-12
rs113987322	A	G	0.15	0.02	7.809E-12
4:132544464_G_T	T	G	0.04	0.0061001	7.82E-12
rs138490585	A	G	0.15	0.02	7.83E-12
rs80077933	A	G	0.06	0.0090723	7.83E-12
rs114609666	T	A	0.15	0.02	7.83E-12
rs145337539	G	A	0.15	0.02	7.831E-12
rs115919488	C	T	0.06	0.0090722	7.83E-12
rs13435794	C	A	0.15	0.02	7.85E-12
rs146685993	G	A	0.07	0.01	7.85E-12
rs73854385	G	A	0.15	0.02	7.87E-12
rs2677784	G	A	-0.23	0.03	7.87E-12
rs115412859	C	T	0.15	0.02	7.88E-12
rs138691676	T	G	0.15	0.02	7.90E-12

rs115911016	A	G	0.15	0.02	7.919E-12
rs568756572	T	A	0.23	0.03	7.94E-12
rs150024687	C	T	0.12	0.01	7.94E-12
rs79256662	T	G	0.15	0.02	7.97E-12
rs183822946	A	C	0.15	0.02	7.98E-12
rs142091517	T	G	0.16	0.02	7.98E-12
rs148908513	C	G	0.15	0.02	7.98E-12
rs116317749	G	C	0.15	0.02	8.00E-12
rs145310119	A	G	0.04	0.0059148	8.00E-12
rs72473997	C	G	0.15	0.02	8.01E-12
rs143185724	C	T	0.23	0.03	8.01E-12
rs145792323	G	A	0.15	0.02	8.02E-12
rs114686899	G	A	0.15	0.02	8.03E-12
rs115486606	T	C	0.15	0.02	8.04E-12
rs193220505	T	C	0.15	0.02	8.04E-12
rs56186328	A	G	0.07	0.01	8.04E-12
rs117069974	A	C	0.13	0.01	8.05E-12
rs116263273	T	C	0.14	0.02	8.05E-12
rs142976441	T	C	0.15	0.02	8.05E-12
rs72971129	G	A	0.15	0.02	8.06E-12
rs147077227	A	G	0.15	0.02	8.073E-12
rs114589055	G	A	0.07	0.01	8.07E-12
2:226000676_C_T	T	C	0.05	0.0081853	8.07E-12
rs115112947	C	T	0.15	0.02	8.08E-12
rs73065978	C	T	0.11	0.01	8.08E-12
rs188440366	A	C	0.15	0.02	8.08E-12
rs146662480	G	A	0.15	0.02	8.08E-12
rs143801047	C	T	0.19	0.02	8.10E-12
rs189093424	C	T	0.15	0.02	8.10E-12
rs28613990	A	G	0.15	0.02	8.11E-12
rs538434188	T	C	0.15	0.02	8.11E-12
rs79631166	T	C	0.18	0.02	8.12E-12
rs550065835	C	T	0.19	0.02	8.12E-12
rs144296655	T	C	0.16	0.02	8.13E-12
rs77425390	A	T	0.15	0.02	8.14E-12
rs545965546	A	G	0.15	0.02	8.14E-12
rs138766776	A	G	0.61	0.09	8.15E-12
rs201560034	T	C	0.16	0.02	8.17E-12
rs138688676	T	C	0.15	0.02	8.17E-12
rs114065907	T	C	0.46	0.06	8.17E-12
rs188164061	T	C	0.15	0.02	8.18E-12
rs116602088	T	C	0.12	0.01	8.192E-12
rs149936959	G	T	1.12	0.16	8.20E-12
rs191127401	T	C	0.15	0.02	8.20E-12
rs76739114	G	A	0.15	0.02	8.21E-12
rs28671594	T	A	0.09	0.01	8.22E-12
rs114959664	T	C	0.12	0.01	8.22E-12
rs142396846	G	A	0.15	0.02	8.22E-12
rs77427121	A	G	0.11	0.01	8.22E-12
rs143808869	A	G	0.07	0.01	8.22E-12
rs6719055	G	A	0.3	0.04	8.225E-12
rs117280724	G	A	0.06	0.0099977	8.231E-12
rs147973089	A	G	0.18	0.02	8.24E-12
rs185732935	T	C	0.07	0.01	8.24E-12
rs139490415	T	G	0.14	0.02	8.26E-12
rs76315248	T	G	0.15	0.02	8.26E-12
rs115840075	C	A	0.22	0.03	8.26E-12
rs114617197	A	G	0.05	0.0085112	8.28E-12
rs147051533	A	C	0.14	0.02	8.28E-12
rs58303122	T	G	0.17	0.02	8.29E-12
rs79230682	C	T	0.05	0.0075394	8.29E-12

rs189272985	A	C	0.15	0.02	8.30E-12
rs79019325	C	T	0.12	0.01	8.30E-12
rs373136279	A	G	0.15	0.02	8.31E-12
rs191930195	C	A	0.17	0.02	8.31E-12
rs186905316	A	G	0.14	0.02	8.33E-12
rs2704790	C	T	-0.08	0.01	8.34E-12
rs2046173	G	A	-0.07	0.01	8.34E-12
rs115642421	A	G	0.15	0.02	8.34E-12
rs541157593	T	C	0.15	0.02	8.35E-12
rs114169526	A	T	0.1	0.01	8.36E-12
7:65924127_T_G	G	T	0.15	0.02	8.39E-12
3:85204726_T_C	C	T	0.03	0.005528	8.389E-12
rs2499723	A	G	0.08	0.01	8.39E-12
rs149457747	A	G	0.05	0.0081447	8.41E-12
rs116608849	G	C	0.52	0.07	8.41E-12
rs377365727	T	A	0.52	0.07	8.42E-12
rs115007126	A	C	0.52	0.07	8.42E-12
rs79659703	C	A	0.52	0.07	8.42E-12
rs77291628	C	A	0.52	0.07	8.42E-12
rs147505425	A	T	0.22	0.03	8.43E-12
rs114658436	A	G	0.15	0.02	8.44E-12
rs145324907	A	G	0.17	0.02	8.45E-12
rs146362300	A	G	0.15	0.02	8.46E-12
rs186465975	A	G	0.16	0.02	8.48E-12
rs536909847	G	C	0.15	0.02	8.48E-12
rs530424453	C	T	0.17	0.02	8.49E-12
rs59164166	T	C	0.15	0.02	8.50E-12
rs146789489	T	C	0.15	0.02	8.50E-12
rs77362059	T	C	0.16	0.02	8.51E-12
rs9505471	G	A	0.15	0.02	8.51E-12
rs56186753	G	A	0.15	0.02	8.52E-12
rs577790804	T	C	0.15	0.02	8.53E-12
rs75570191	C	T	0.1	0.01	8.55E-12
rs138959348	G	A	0.16	0.02	8.558E-12
rs146044208	C	T	0.14	0.02	8.56E-12
rs115803716	G	A	0.15	0.02	8.56E-12
rs181288580	C	T	0.14	0.02	8.56E-12
rs142490251	A	G	0.04	0.0058651	8.57E-12
rs146783882	G	C	0.15	0.02	8.57E-12
rs143063941	T	C	0.14	0.02	8.58E-12
rs73854393	G	A	0.15	0.02	8.59E-12
rs181183352	A	C	0.07	0.01	8.59E-12
rs189647482	A	T	0.07	0.01	8.59E-12
rs113905598	A	G	0.14	0.02	8.59E-12
rs143683070	T	C	0.07	0.01	8.62E-12
rs115687522	T	C	0.16	0.02	8.63E-12
rs374698796	C	A	0.16	0.02	8.63E-12
rs377701046	C	T	0.16	0.02	8.63E-12
rs75326499	T	C	0.09	0.01	8.63E-12
rs141372977	T	C	0.15	0.02	8.63E-12
rs557343410	T	C	0.77	0.11	8.633E-12
rs116165566	A	G	0.15	0.02	8.65E-12
rs7896135	C	G	0.19	0.02	8.65E-12
rs148886829	A	G	0.06	0.0093332	8.66E-12
rs73854392	T	C	0.15	0.02	8.66E-12
rs555505183	C	G	0.15	0.02	8.67E-12
rs181153796	T	C	0.04	0.0068963	8.67E-12
rs545301743	G	A	0.09	0.01	8.67E-12
rs192110672	C	T	0.14	0.02	8.68E-12
rs146177286	C	T	0.15	0.02	8.69E-12
rs78969219	A	G	0.21	0.03	8.694E-12

rs368735463	C	T	0.08	0.01	8.70E-12
rs191457940	C	T	0.27	0.03	8.72E-12
rs78634967	A	C	0.08	0.01	8.733E-12
rs115214881	T	C	0.05	0.0085027	8.73E-12
rs115341007	A	G	0.15	0.02	8.74E-12
rs76473859	T	C	0.14	0.02	8.76E-12
rs142263325	A	T	0.15	0.02	8.78E-12
rs9631824	C	T	0.15	0.02	8.78E-12
rs113596465	A	C	0.15	0.02	8.78E-12
rs73538931	G	T	0.17	0.02	8.82E-12
rs143590836	A	C	0.15	0.02	8.82E-12
rs151096766	A	G	0.15	0.02	8.82E-12
rs564212400	C	T	0.15	0.02	8.829E-12
rs116218526	C	T	0.21	0.03	8.84E-12
rs532702743	C	T	0.03	0.005826	8.84E-12
rs562520313	G	A	0.16	0.02	8.85E-12
rs115692955	G	A	0.16	0.02	8.85E-12
rs151185323	T	C	0.14	0.02	8.85E-12
rs78278467	A	G	0.15	0.02	8.85E-12
rs137965154	T	C	0.2	0.02	8.85E-12
rs142261731	A	G	0.14	0.02	8.87E-12
rs145256287	G	A	0.14	0.02	8.87E-12
rs12004987	G	A	0.15	0.02	8.87E-12
rs58369086	A	G	0.15	0.02	8.87E-12
rs192506694	C	T	0.14	0.02	8.87E-12
rs369174809	A	G	0.12	0.01	8.89E-12
rs186608325	A	G	0.06	0.0090669	8.902E-12
rs149675286	T	G	0.26	0.03	8.90E-12
rs112793451	A	G	0.07	0.01	8.90E-12
rs147210290	T	C	0.14	0.02	8.92E-12
rs60600250	C	T	0.15	0.02	8.93E-12
rs78941586	T	C	0.15	0.02	8.94E-12
rs144007505	T	C	0.07	0.01	8.955E-12
rs76457607	A	G	0.14	0.02	8.96E-12
rs114775781	A	G	0.15	0.02	8.97E-12
rs147682939	A	G	0.15	0.02	8.97E-12
rs185725674	A	C	0.42	0.06	8.97E-12
rs113615622	C	T	0.19	0.02	8.98E-12
rs184509676	G	A	0.15	0.02	8.98E-12
rs183516793	G	A	0.15	0.02	8.98E-12
rs527622613	C	T	0.5	0.07	8.99E-12
rs188884670	A	G	0.5	0.07	8.99E-12
rs139688914	T	C	0.15	0.02	9.00E-12
rs573465269	G	A	0.15	0.02	9.01E-12
rs7842049	A	G	0.16	0.02	9.01E-12
rs141430702	T	C	0.34	0.05	9.02E-12
rs12086351	A	G	0.15	0.02	9.02E-12
rs140801487	G	A	0.15	0.02	9.02E-12
rs80250046	C	T	0.15	0.02	9.03E-12
rs183411099	C	G	0.15	0.02	9.03E-12
rs184373302	T	A	0.15	0.02	9.03E-12
rs115361997	G	A	0.14	0.02	9.041E-12
rs144714098	T	C	0.15	0.02	9.04E-12
rs374621129	T	C	0.15	0.02	9.04E-12
rs28704915	C	G	0.15	0.02	9.05E-12
rs188133390	A	G	0.15	0.02	9.05E-12
rs538402889	T	A	0.06	0.0090743	9.059E-12
rs114227336	A	G	0.12	0.01	9.06E-12
rs150005548	A	C	0.15	0.02	9.07E-12
rs150199229	T	C	0.13	0.01	9.07E-12
rs541524503	A	G	0.15	0.02	9.091E-12

rs557305235	A	G	0.19	0.02	9.09E-12
rs182184077	G	A	0.17	0.02	9.10E-12
rs375858945	G	A	0.17	0.02	9.12E-12
rs142393854	C	T	0.07	0.01	9.16E-12
rs61245894	A	G	0.07	0.01	9.16E-12
rs60877008	A	C	0.07	0.01	9.16E-12
rs75715488	G	T	0.17	0.02	9.179E-12
rs74486338	T	G	0.07	0.01	9.19E-12
rs116722463	A	G	0.16	0.02	9.20E-12
rs76940788	G	T	0.08	0.01	9.21E-12
rs75176106	T	C	0.07	0.01	9.23E-12
rs150729889	C	T	0.24	0.03	9.24E-12
rs180717530	A	G	0.15	0.02	9.24E-12
rs116075769	A	T	0.15	0.02	9.25E-12
rs116273183	A	G	0.15	0.02	9.26E-12
rs147972476	G	A	0.15	0.02	9.26E-12
rs190984969	T	G	0.15	0.02	9.27E-12
rs145698941	G	T	0.16	0.02	9.29E-12
rs112615638	T	C	0.14	0.02	9.29E-12
rs12111497	C	A	0.17	0.02	9.29E-12
rs545953204	T	A	0.67	0.09	9.30E-12
rs28556875	A	C	0.15	0.02	9.31E-12
rs77689628	A	G	0.51	0.07	9.31E-12
rs147647706	C	A	0.2	0.03	9.315E-12
rs576550209	C	A	0.14	0.02	9.32E-12
rs115116439	T	G	0.14	0.02	9.32E-12
rs577485583	T	C	0.14	0.02	9.32E-12
rs114995534	T	G	0.15	0.02	9.35E-12
rs77611263	A	C	0.15	0.02	9.37E-12
rs114031017	T	C	0.14	0.02	9.37E-12
rs189630855	A	G	0.15	0.02	9.38E-12
rs146764718	A	G	0.15	0.02	9.40E-12
rs186800273	A	G	0.14	0.02	9.404E-12
rs559386249	A	G	0.02	0.0036123	9.42E-12
rs139064127	C	T	0.15	0.02	9.42E-12
rs114371264	C	G	0.14	0.02	9.43E-12
rs185019754	C	T	0.16	0.02	9.46E-12
rs75149728	T	C	0.87	0.12	9.462E-12
rs148436327	T	A	0.14	0.02	9.47E-12
rs79463767	A	G	0.11	0.01	9.47E-12
rs367592029	C	A	0.5	0.07	9.48E-12
1:88003286_C_G	G	C	0.06	0.0089657	9.50E-12
rs146531641	T	C	0.15	0.02	9.50E-12
rs182817246	T	G	0.08	0.01	9.51E-12
rs114849602	G	A	0.15	0.02	9.51E-12
rs548595288	T	C	0.04	0.0068863	9.51E-12
rs566906316	T	G	0.04	0.0068863	9.51E-12
rs7691247	G	A	0.15	0.02	9.52E-12
rs76557585	G	T	0.52	0.07	9.53E-12
rs141191670	A	G	0.14	0.02	9.54E-12
rs116811899	T	C	0.07	0.01	9.55E-12
rs143061559	G	A	0.1	0.01	9.57E-12
rs181685608	T	C	0.14	0.02	9.58E-12
rs79386653	T	C	0.13	0.02	9.58E-12
rs60080336	A	G	0.17	0.02	9.59E-12
rs147045154	A	G	0.15	0.02	9.61E-12
rs758767662	C	G	0.04	0.0060198	9.61E-12
rs139816277	T	A	0.15	0.02	9.63E-12
rs188224288	C	T	0.15	0.02	9.64E-12
rs148798914	T	C	0.14	0.02	9.66E-12
rs115503849	T	A	0.15	0.02	9.67E-12

rs145862849	T	C	0.09	0.01	9.67E-12
rs115319756	C	T	0.15	0.02	9.67E-12
rs145149593	A	G	0.2	0.03	9.68E-12
rs141731422	A	G	0.12	0.01	9.69E-12
rs182454607	T	A	0.83	0.12	9.69E-12
rs77954653	C	T	0.15	0.02	9.69E-12
rs150355990	G	A	0.08	0.01	9.72E-12
rs114464261	C	T	0.15	0.02	9.722E-12
rs77711303	G	T	0.16	0.02	9.74E-12
rs74390533	G	A	0.15	0.02	9.74E-12
rs74883100	A	G	0.12	0.01	9.75E-12
rs187748075	C	T	0.28	0.04	9.76E-12
rs147247578	T	C	0.36	0.05	9.78E-12
rs114036559	C	T	0.07	0.01	9.78E-12
rs73037756	T	C	0.15	0.02	9.79E-12
rs145167675	A	G	0.17	0.02	9.79E-12
rs74917804	A	G	0.14	0.02	9.796E-12
rs369392147	T	C	0.15	0.02	9.80E-12
rs543904750	A	G	0.15	0.02	9.82E-12
rs111723678	T	G	0.07	0.01	9.827E-12
rs113372203	C	G	0.08	0.01	9.84E-12
rs149612814	T	A	0.15	0.02	9.85E-12
rs111943385	C	T	0.14	0.02	9.87E-12
rs114665447	A	G	0.07	0.01	9.87E-12
rs115716783	C	T	0.13	0.01	9.88E-12
rs114680185	G	C	0.15	0.02	9.89E-12
rs79118939	A	G	0.12	0.01	9.89E-12
rs28712736	A	G	0.09	0.01	9.9E-12
rs28609874	A	G	0.15	0.02	9.91E-12
rs182738753	G	A	0.25	0.03	9.93E-12
rs149283995	G	T	0.16	0.02	9.94E-12
rs143579460	G	T	0.06	0.0097803	9.95E-12
rs546889006	A	G	0.14	0.02	9.96E-12
rs7783566	C	T	0.07	0.01	9.96E-12
rs142363339	A	G	0.14	0.02	9.98E-12
rs114568906	A	C	0.15	0.02	9.994E-12
rs60872567	A	G	0.05	0.0078163	9.99E-12
rs147054173	C	A	0.17	0.02	1.0022E-11
rs182612161	T	C	0.15	0.02	1.0029E-11
rs535434826	T	C	0.16	0.02	1.0034E-11
rs139459977	A	G	0.18	0.02	1.0036E-11
rs112424462	C	G	0.15	0.02	1.0043E-11
rs138800548	T	C	0.15	0.02	1.0043E-11
rs148026820	C	A	0.14	0.02	1.0086E-11
rs11949974	T	C	0.14	0.02	1.0088E-11
rs115579805	A	T	0.15	0.02	1.0113E-11
rs149242515	T	C	0.15	0.02	1.0132E-11
rs147419231	G	C	4.29	0.63	1.0141E-11
rs141638844	C	G	0.15	0.02	1.0141E-11
rs192630328	G	T	0.07	0.01	1.0143E-11
rs141796104	T	G	0.19	0.02	1.0157E-11
rs80289240	T	G	0.05	0.0074874	1.0186E-11
rs115292599	T	G	0.15	0.02	1.0187E-11
rs115013693	G	A	0.15	0.02	1.0193E-11
rs546043125	T	C	0.11	0.01	1.0194E-11
rs138235586	A	G	0.15	0.02	1.0203E-11
rs542878024	C	T	0.05	0.0083625	1.0208E-11
rs573749544	G	C	0.14	0.02	1.0212E-11
rs150082679	T	C	0.14	0.02	1.0212E-11
rs549927140	T	C	0.21	0.03	1.0226E-11
rs77051911	T	C	0.07	0.01	1.0231E-11

rs75941575	G	A	0.15	0.02	1.0247E-11
rs142226803	C	T	0.05	0.0076093	1.0255E-11
rs554446021	T	G	0.17	0.02	1.0257E-11
rs184230830	A	T	0.14	0.02	1.027E-11
rs566540672	A	G	0.16	0.02	1.0286E-11
rs140367076	G	A	0.05	0.0074883	1.0292E-11
rs115430797	T	A	0.15	0.02	1.03E-11
rs10171899	A	G	0.14	0.02	1.0318E-11
rs76168013	T	C	0.07	0.01	1.0333E-11
rs139716926	A	G	0.21	0.03	1.0335E-11
rs115838350	T	C	0.16	0.02	1.0339E-11
rs80052807	T	C	0.19	0.02	1.0343E-11
rs143190961	G	T	0.05	0.0076639	1.0347E-11
rs149840952	G	A	0.14	0.02	1.0358E-11
rs556378645	T	C	0.12	0.01	1.0359E-11
rs186967781	C	T	0.14	0.02	1.036E-11
rs75570253	G	T	0.15	0.02	1.0363E-11
rs146823771	A	G	0.38	0.05	1.0388E-11
rs140520343	G	A	0.13	0.01	1.042E-11
rs116018098	T	C	0.17	0.02	1.0425E-11
rs587694108	A	G	0.11	0.01	1.0442E-11
rs28680556	T	C	0.15	0.02	1.0474E-11
rs59216148	T	C	0.14	0.02	1.0475E-11
rs139740954	G	A	0.05	0.0076628	1.0505E-11
rs183442545	T	C	0.14	0.02	1.0511E-11
rs141900043	T	C	0.15	0.02	1.0524E-11
rs556282853	C	T	0.18	0.02	1.0526E-11
rs141347638	T	C	0.15	0.02	1.0526E-11
rs191498834	A	G	0.14	0.02	1.0548E-11
rs138652786	A	G	0.14	0.02	1.0557E-11
rs115469388	T	C	0.07	0.01	1.0568E-11
rs150513350	T	C	0.15	0.02	1.0586E-11
rs540802903	C	T	0.14	0.02	1.0587E-11
rs371134933	C	T	0.14	0.02	1.0599E-11
rs537282332	C	G	2.65	0.39	1.0603E-11
rs6742235	A	G	0.16	0.02	1.063E-11
rs184661954	T	A	0.15	0.02	1.0633E-11
rs78328978	T	G	0.14	0.02	1.065E-11
rs114105099	A	G	0.14	0.02	1.0667E-11
rs115554955	G	C	0.14	0.02	1.0671E-11
rs546219067	C	T	0.14	0.02	1.0689E-11
rs146243133	C	T	0.15	0.02	1.0698E-11
rs186770872	T	C	0.13	0.01	1.0702E-11
rs79916495	G	A	0.19	0.02	1.0707E-11
rs80165528	A	G	0.14	0.02	1.0715E-11
rs149301079	C	T	0.15	0.02	1.0752E-11
rs115319777	T	G	0.07	0.01	1.0754E-11
rs144759067	T	C	1.29	0.19	1.0764E-11
rs573816464	A	G	0.07	0.01	1.0771E-11
rs115917456	T	C	0.15	0.02	1.0775E-11
rs10234593	C	A	0.15	0.02	1.0778E-11
rs143083625	G	T	0.15	0.02	1.0782E-11
rs533627935	T	C	0.03	0.0057505	1.0786E-11
rs143950389	A	G	0.15	0.02	1.0793E-11
rs114116016	A	G	0.07	0.01	1.0813E-11
rs77315528	G	A	0.07	0.01	1.0813E-11
rs115336969	G	T	0.15	0.02	1.0837E-11
rs140636296	A	T	0.14	0.02	1.0871E-11
rs181381813	C	T	0.24	0.03	1.0878E-11
rs185702156	A	C	0.15	0.02	1.0884E-11
rs183236174	G	A	0.15	0.02	1.0893E-11



rs553305128	T	A	0.04	0.0062845	1.091E-11
rs149964714	A	G	0.15	0.02	1.0912E-11
rs371622864	C	T	2.73	0.4	1.0913E-11
rs145476564	C	T	0.31	0.04	1.0921E-11
rs148773758	G	A	0.15	0.02	1.0926E-11
rs150388435	T	C	0.15	0.02	1.0937E-11
rs181900887	A	C	0.14	0.02	1.0937E-11
rs577312424	A	G	0.16	0.02	1.0938E-11
rs116513367	T	G	0.19	0.02	1.0944E-11
rs143452902	G	A	0.09	0.01	1.0949E-11
rs572654977	C	A	0.15	0.02	1.0953E-11
rs181556161	G	T	0.15	0.02	1.0953E-11
rs143247531	A	G	0.14	0.02	1.0953E-11
rs114676078	T	C	0.14	0.02	1.0972E-11
rs141253056	G	A	0.13	0.02	1.0979E-11
rs115314154	T	C	0.15	0.02	1.0986E-11
rs188511406	A	G	0.21	0.03	1.0994E-11
rs149552576	G	A	0.14	0.02	1.1008E-11
rs549392027	A	C	0.1	0.01	1.1037E-11
rs556243241	C	T	0.25	0.03	1.104E-11
rs115882699	T	G	0.15	0.02	1.1061E-11
rs112462430	C	A	0.15	0.02	1.1062E-11
rs140132850	A	T	0.14	0.02	1.1064E-11
rs116386434	T	C	0.14	0.02	1.1085E-11
rs182504000	A	G	0.14	0.02	1.1097E-11
rs552586275	G	C	0.16	0.02	1.112E-11
rs79728995	A	T	0.16	0.02	1.1145E-11
rs74359871	C	T	0.07	0.01	1.1153E-11
rs73379109	A	C	0.15	0.02	1.1162E-11
rs114406836	T	C	0.18	0.02	1.1165E-11
rs542356697	A	G	0.15	0.02	1.1165E-11
rs73109740	C	A	0.07	0.01	1.1174E-11
rs76669460	T	C	0.19	0.02	1.1178E-11
rs79192412	G	A	0.05	0.007487	1.1197E-11
rs560547520	T	A	0.21	0.03	1.12E-11
rs562474828	G	A	0.15	0.02	1.1219E-11
rs142431663	T	G	0.09	0.01	1.1222E-11
rs545759895	C	T	1.28	0.18	1.1224E-11
rs146134618	A	G	0.14	0.02	1.123E-11
rs148512533	C	T	0.14	0.02	1.123E-11
rs528068355	G	A	0.15	0.02	1.1234E-11
rs149986910	G	A	0.15	0.02	1.1236E-11
rs73749941	G	A	0.09	0.01	1.124E-11
rs137916797	T	C	0.08	0.01	1.125E-11
rs115293570	A	T	0.14	0.02	1.1267E-11
rs150164910	A	G	0.14	0.02	1.1277E-11
rs189360067	T	G	0.07	0.01	1.1299E-11
rs115032191	T	C	0.15	0.02	1.1302E-11
rs147203649	C	T	0.16	0.02	1.131E-11
rs73854395	T	C	0.14	0.02	1.1331E-11
rs112746311	A	G	0.15	0.02	1.1335E-11
rs375511339	A	G	0.15	0.02	1.1336E-11
rs73645970	A	G	0.17	0.02	1.1345E-11
rs79021815	T	G	0.14	0.02	1.1355E-11
rs147002509	T	C	0.15	0.02	1.1381E-11
2:136090786_A_C	C	A	0.05	0.0073973	1.1393E-11
rs56184619	A	C	0.14	0.02	1.1397E-11
rs562466480	A	G	0.05	0.0079885	1.1404E-11
rs113051954	A	G	0.14	0.02	1.1407E-11
rs116325817	T	C	0.15	0.02	1.1414E-11
rs551257502	A	G	0.45	0.06	1.1418E-11

rs73973364	A	C	0.04	0.0062382	1.1427E-11
rs115698446	C	T	0.07	0.01	1.1457E-11
rs144345859	A	G	0.14	0.02	1.1458E-11
rs141454716	A	G	0.06	0.0092924	1.1468E-11
rs530837143	A	G	0.19	0.02	1.1469E-11
rs200893024	T	C	0.14	0.02	1.1472E-11
rs550247949	C	G	0.16	0.02	1.1473E-11
rs141217775	A	G	0.34	0.05	1.1491E-11
rs148132210	G	T	0.29	0.04	1.1497E-11
rs571804324	T	C	0.15	0.02	1.1498E-11
rs573118927	T	A	0.52	0.07	1.1499E-11
rs139892373	T	C	0.14	0.02	1.1501E-11
rs78592543	A	G	0.18	0.02	1.1506E-11
rs78920851	G	A	0.28	0.04	1.1516E-11
rs137965173	C	G	0.15	0.02	1.156E-11
rs553100858	A	G	0.15	0.02	1.1564E-11
rs573493290	G	T	0.15	0.02	1.1564E-11
rs116600564	T	C	0.15	0.02	1.1569E-11
rs139899347	A	G	0.14	0.02	1.157E-11
rs189235327	A	G	0.14	0.02	1.1578E-11
rs190419973	G	A	0.15	0.02	1.159E-11
rs116071696	G	A	0.13	0.01	1.1605E-11
rs116771837	A	G	0.15	0.02	1.1609E-11
rs189718020	A	G	0.13	0.01	1.1611E-11
rs111276695	G	A	0.17	0.02	1.1656E-11
rs115957112	C	T	0.14	0.02	1.1659E-11
rs79812169	A	C	0.31	0.04	1.1675E-11
rs75234818	T	G	0.15	0.02	1.1737E-11
rs78949657	G	A	0.14	0.02	1.1744E-11
rs80076948	G	A	0.12	0.01	1.1745E-11
rs114125519	T	C	0.06	0.01	1.1755E-11
rs192097196	C	T	0.17	0.02	1.177E-11
rs79522839	A	G	0.15	0.02	1.178E-11
rs140732424	G	A	0.15	0.02	1.1805E-11
rs148553958	A	C	0.06	0.0091552	1.1813E-11
rs150608629	G	A	0.14	0.02	1.1844E-11
rs545591144	A	G	0.15	0.02	1.1849E-11
rs61765181	A	T	0.15	0.02	1.1853E-11
rs80024907	C	T	0.14	0.02	1.1858E-11
rs138091893	A	T	0.14	0.02	1.1866E-11
rs148653792	A	G	0.81	0.12	1.1886E-11
rs373880171	T	C	0.14	0.02	1.1899E-11
rs112795514	T	C	0.15	0.02	1.1903E-11
rs115451930	G	A	0.15	0.02	1.1907E-11
rs115520898	A	C	0.27	0.04	1.1909E-11
rs116584591	A	G	0.19	0.02	1.1914E-11
rs144338718	T	A	0.19	0.02	1.1914E-11
rs182392079	G	A	0.14	0.02	1.1929E-11
rs370506107	A	G	0.07	0.01	1.1933E-11
rs142594117	G	A	0.14	0.02	1.1937E-11
rs190982256	T	C	0.33	0.04	1.1964E-11
rs573599533	A	G	0.27	0.04	1.1967E-11
rs147810343	A	G	0.15	0.02	1.1979E-11
rs189796878	A	T	0.16	0.02	1.1981E-11
rs142444373	T	C	0.09	0.01	1.1994E-11
rs55816911	G	A	0.15	0.02	1.1996E-11
rs144068333	A	G	0.15	0.02	1.2001E-11
rs111976393	T	C	0.17	0.02	1.2025E-11
rs149526814	T	C	0.16	0.02	1.2041E-11
rs144313591	T	C	0.07	0.01	1.2046E-11
rs73698854	T	C	0.14	0.02	1.2068E-11

rs114094784	T	C	0.24	0.03	1.2074E-11
rs148570281	C	T	0.15	0.02	1.2081E-11
rs757923852	A	G	0.03	0.0046211	1.2082E-11
rs141741923	G	C	0.15	0.02	1.2085E-11
rs78553936	T	A	0.09	0.01	1.2089E-11
rs76054471	G	A	0.14	0.02	1.2093E-11
rs143111609	T	C	0.14	0.02	1.21E-11
rs188872642	C	A	0.14	0.02	1.2108E-11
rs146781095	T	C	0.13	0.01	1.2119E-11
rs143311171	G	T	0.19	0.02	1.2131E-11
rs115328244	C	A	0.09	0.01	1.2135E-11
rs112349998	G	A	0.15	0.02	1.2139E-11
rs186007601	A	G	0.17	0.02	1.2162E-11
rs115714870	A	G	0.11	0.01	1.2177E-11
rs148698163	C	G	0.08	0.01	1.2194E-11
rs115049888	T	A	0.15	0.02	1.2199E-11
rs562478382	G	A	0.17	0.02	1.2214E-11
rs574029643	G	A	0.14	0.02	1.2256E-11
rs190776740	C	G	0.15	0.02	1.2266E-11
rs76627526	G	A	0.16	0.02	1.2274E-11
rs146879471	T	G	1.24	0.18	1.2295E-11
rs141816521	T	G	0.15	0.02	1.2299E-11
rs138182071	T	C	0.14	0.02	1.232E-11
rs79398273	A	G	0.1	0.01	1.233E-11
rs115133276	G	A	0.17	0.02	1.2332E-11
rs141714055	T	C	0.15	0.02	1.2341E-11
rs61101139	G	A	0.07	0.01	1.2353E-11
rs188778406	G	T	0.14	0.02	1.2354E-11
rs76073369	C	T	0.05	0.0077118	1.2369E-11
rs570141905	A	T	0.16	0.02	1.2381E-11
rs146556602	T	C	0.15	0.02	1.2384E-11
rs111634997	G	A	0.14	0.02	1.2386E-11
rs77495450	T	C	0.07	0.01	1.2395E-11
rs182217163	A	G	0.26	0.03	1.2403E-11
rs116401489	T	C	0.24	0.03	1.2409E-11
rs12640193	C	T	0.18	0.02	1.2418E-11
rs183227805	T	A	0.17	0.02	1.2435E-11
rs138847145	A	T	0.14	0.02	1.2439E-11
rs566875782	G	A	0.11	0.01	1.2441E-11
rs145743295	G	A	0.2	0.03	1.2442E-11
rs115904462	G	A	0.14	0.02	1.2448E-11
rs116777796	A	T	0.15	0.02	1.2449E-11
rs116302682	T	C	0.14	0.02	1.2453E-11
rs140535741	T	C	0.15	0.02	1.2454E-11
rs114407495	A	C	0.12	0.01	1.2461E-11
rs138477766	A	G	0.14	0.02	1.2476E-11
rs146229341	C	G	0.15	0.02	1.2482E-11
rs75215364	A	G	0.51	0.07	1.2488E-11
rs564080275	T	C	0.15	0.02	1.2522E-11
rs149609932	C	T	0.15	0.02	1.2528E-11
rs138503202	A	G	0.15	0.02	1.2546E-11
rs534925086	A	G	0.07	0.01	1.2547E-11
rs138070088	C	T	0.07	0.01	1.2551E-11
rs149177726	T	C	0.4	0.05	1.2594E-11
rs187543069	A	G	0.4	0.05	1.2594E-11
rs576782156	T	C	0.4	0.05	1.2594E-11
rs115807373	G	T	0.09	0.01	1.2604E-11
rs543579206	C	T	0.04	0.0059141	1.2626E-11
rs563547879	A	G	0.14	0.02	1.2627E-11
rs10266856	T	C	0.15	0.02	1.2629E-11
rs114086015	A	G	0.15	0.02	1.2635E-11

rs138471209	G	A	0.15	0.02	1.2636E-11
rs116236092	C	T	0.16	0.02	1.2637E-11
rs557933638	A	T	0.45	0.06	1.2638E-11
rs145504424	C	T	0.4	0.05	1.2641E-11
rs115736530	C	G	0.73	0.1	1.2667E-11
rs114895574	A	G	0.14	0.02	1.2693E-11
rs542933143	A	C	0.16	0.02	1.2693E-11
rs76593451	T	C	0.14	0.02	1.27E-11
rs116220065	G	A	0.14	0.02	1.2713E-11
rs78199173	T	G	0.15	0.02	1.2734E-11
rs183626688	T	A	0.14	0.02	1.279E-11
rs565834974	C	T	0.15	0.02	1.2799E-11
rs146429743	G	C	0.22	0.03	1.2825E-11
rs139796313	T	C	0.24	0.03	1.2832E-11
rs144585109	A	G	0.14	0.02	1.2836E-11
rs141431810	C	T	0.1	0.01	1.2836E-11
rs144432747	C	T	0.16	0.02	1.2838E-11
rs114394938	A	T	0.15	0.02	1.289E-11
rs554290197	A	G	0.14	0.02	1.2894E-11
rs185133470	A	G	0.14	0.02	1.2897E-11
rs190496335	C	T	0.59	0.08	1.2902E-11
rs77144949	A	G	0.15	0.02	1.2909E-11
rs576420215	A	G	0.07	0.01	1.2926E-11
rs74896648	C	A	0.16	0.02	1.2931E-11
rs340154	G	A	-0.03	0.005397	1.2937E-11
rs145416436	G	C	0.07	0.01	1.2967E-11
rs114643034	C	T	0.07	0.01	1.2973E-11
rs116664936	A	T	0.27	0.04	1.2979E-11
rs140420839	A	C	0.17	0.02	1.3006E-11
rs16825486	G	A	0.08	0.01	1.3046E-11
rs79136134	C	T	0.15	0.02	1.3048E-11
rs13376081	G	A	0.07	0.01	1.305E-11
rs116258560	T	C	0.14	0.02	1.3059E-11
rs191535483	A	T	0.07	0.01	1.3064E-11
rs79819275	G	A	0.25	0.03	1.3078E-11
rs549213397	A	G	0.14	0.02	1.3079E-11
rs576562887	G	C	0.14	0.02	1.308E-11
rs184215121	T	G	0.27	0.04	1.3093E-11
rs183086099	T	C	0.14	0.02	1.3126E-11
rs114380421	G	A	0.07	0.01	1.3225E-11
rs141127185	T	C	0.1	0.01	1.3256E-11
rs189399074	C	T	0.08	0.01	1.3263E-11
rs146771008	G	C	0.16	0.02	1.3276E-11
rs80068628	T	C	0.15	0.02	1.3279E-11
rs114834946	C	A	0.07	0.01	1.3304E-11
rs114140845	T	C	0.15	0.02	1.3305E-11
rs74875321	G	A	0.15	0.02	1.3305E-11
rs116651706	T	A	0.15	0.02	1.3308E-11
rs111816274	C	T	0.14	0.02	1.3312E-11
rs531269151	T	A	0.16	0.02	1.3338E-11
rs79276199	A	G	0.16	0.02	1.3338E-11
rs116094700	G	A	0.14	0.02	1.3357E-11
rs111913950	C	T	0.17	0.02	1.336E-11
rs115417458	C	T	0.08	0.01	1.3371E-11
rs111709723	A	C	0.07	0.01	1.339E-11
rs548356103	G	A	0.16	0.02	1.3391E-11
rs11899653	G	A	0.07	0.01	1.3396E-11
rs138332424	G	A	0.16	0.02	1.3404E-11
rs35052032	G	C	0.07	0.01	1.3407E-11
rs181111885	T	C	0.22	0.03	1.3407E-11
rs7618696	T	C	0.26	0.03	1.3419E-11

rs75933595	T	C	0.05	0.0075185	1.342E-11
rs140794621	G	A	0.15	0.02	1.3423E-11
rs76577514	T	A	0.19	0.02	1.3434E-11
rs114289442	A	G	0.07	0.01	1.3439E-11
rs73686708	C	T	0.07	0.01	1.3456E-11
rs75185336	C	T	0.17	0.02	1.346E-11
rs112666809	C	A	0.07	0.01	1.3463E-11
rs117159263	A	G	0.12	0.01	1.3481E-11
rs113286199	T	C	0.14	0.02	1.349E-11
rs562254978	G	A	0.1	0.01	1.3498E-11
rs149191809	A	G	0.19	0.02	1.3504E-11
rs150568915	A	G	0.14	0.02	1.3505E-11
rs569768403	C	T	0.14	0.02	1.3525E-11
rs147777379	A	G	0.15	0.02	1.3525E-11
rs192543410	G	A	0.2	0.02	1.3539E-11
rs73123858	C	T	0.17	0.02	1.3541E-11
rs115729798	C	T	0.06	0.009816	1.3541E-11
rs148012589	T	C	0.14	0.02	1.3545E-11
rs34683148	C	T	0.07	0.01	1.3553E-11
rs533034538	G	A	0.21	0.03	1.3567E-11
rs75497542	C	T	0.14	0.02	1.3569E-11
3:32875170_T_A	A	T	0.05	0.0074092	1.3584E-11
rs116391147	T	G	0.06	0.0098153	1.3589E-11
rs115562414	G	C	0.07	0.01	1.3621E-11
rs115884597	T	G	0.15	0.02	1.3625E-11
rs114980336	T	C	0.13	0.01	1.3642E-11
rs116786367	A	G	0.04	0.0066961	1.3645E-11
rs6695916	A	C	0.07	0.01	1.3646E-11
rs562282957	T	C	0.15	0.02	1.3646E-11
rs79539629	A	G	0.14	0.02	1.3647E-11
rs16886716	A	G	0.13	0.01	1.3652E-11
rs569412578	T	G	0.17	0.02	1.367E-11
rs368579157	C	T	0.1	0.01	1.3674E-11
rs73819355	G	A	0.11	0.01	1.3676E-11
rs138467019	T	C	0.15	0.02	1.3677E-11
rs16886726	T	C	0.13	0.01	1.3683E-11
rs76966891	T	C	0.14	0.02	1.3701E-11
rs141460955	A	G	0.36	0.05	1.3714E-11
rs6994411	C	A	0.14	0.02	1.3718E-11
rs116654380	C	T	0.15	0.02	1.3723E-11
rs138806994	G	C	0.14	0.02	1.3742E-11
rs115772575	G	A	0.13	0.01	1.3742E-11
rs141197559	C	T	0.14	0.02	1.3744E-11
rs73937063	G	A	0.15	0.02	1.3758E-11
rs190105761	G	A	0.14	0.02	1.3771E-11
rs193196836	C	T	0.4	0.05	1.3783E-11
rs544069794	C	T	0.4	0.05	1.3783E-11
rs142445476	C	A	0.14	0.02	1.379E-11
rs147707016	A	G	0.14	0.02	1.3799E-11
rs77288706	T	C	0.07	0.01	1.3801E-11
rs7532991	C	T	0.07	0.01	1.3813E-11
rs7518933	T	C	0.07	0.01	1.3816E-11
rs7540898	A	G	0.07	0.01	1.3816E-11
rs148866720	C	T	0.23	0.03	1.3818E-11
rs114193103	G	A	0.18	0.02	1.3821E-11
rs79188847	G	A	0.05	0.0075987	1.3822E-11
rs73692507	T	G	0.05	0.0085972	1.3823E-11
rs80326264	C	T	0.05	0.0083613	1.3855E-11
rs570560324	T	C	0.14	0.02	1.3861E-11
1:225708756_G_A	A	G	0.06	0.0089448	1.3868E-11
rs149891669	G	A	0.15	0.02	1.3887E-11

rs186147447	G	A	0.15	0.02	1.3887E-11
rs79093506	G	A	0.05	0.0083621	1.3897E-11
rs57696205	A	C	0.15	0.02	1.3924E-11
rs75200108	A	G	0.07	0.01	1.3934E-11
rs186001009	T	C	0.14	0.02	1.3936E-11
rs112488089	G	A	0.14	0.02	1.3963E-11
rs78419629	C	A	0.05	0.0083602	1.3968E-11
rs80194228	T	G	0.14	0.02	1.3985E-11
rs73854397	C	G	0.14	0.02	1.3998E-11
rs116501309	C	A	0.14	0.02	1.4001E-11
rs148406159	C	T	0.16	0.02	1.4007E-11
rs528604397	C	A	0.15	0.02	1.4007E-11
rs143144358	C	T	0.08	0.01	1.4018E-11
rs115583775	C	T	0.14	0.02	1.4024E-11
rs76009170	C	T	0.05	0.0083598	1.4037E-11
rs74799158	C	T	0.08	0.01	1.4043E-11
rs116342184	C	T	0.07	0.01	1.4049E-11
rs113924294	A	G	0.14	0.02	1.4056E-11
rs76675400	T	G	0.13	0.01	1.4057E-11
rs547228785	C	T	0.03	0.0055512	1.4059E-11
rs138072677	T	C	0.14	0.02	1.4061E-11
rs79734289	C	T	0.05	0.0083589	1.4081E-11
rs114038299	T	G	0.07	0.01	1.4091E-11
rs115410770	T	A	0.07	0.01	1.4091E-11
rs139817066	A	G	0.07	0.01	1.4091E-11
rs149688627	C	T	0.07	0.01	1.4093E-11
rs548720690	A	G	0.16	0.02	1.4098E-11
rs555290879	G	A	0.14	0.02	1.4098E-11
rs141318774	A	C	0.17	0.02	1.4109E-11
rs74469312	G	T	0.07	0.01	1.4111E-11
rs149587323	C	T	0.07	0.01	1.4111E-11
rs146036101	T	C	0.4	0.05	1.4111E-11
rs557027352	C	T	0.14	0.02	1.4134E-11
rs183895592	A	C	0.14	0.02	1.414E-11
rs113373359	A	G	0.14	0.02	1.4165E-11
rs116592843	C	T	0.14	0.02	1.4184E-11
rs576112152	T	A	0.15	0.02	1.4187E-11
rs569537905	T	A	0.14	0.02	1.4219E-11
rs150161874	T	C	0.14	0.02	1.4219E-11
rs183337635	G	C	0.04	0.0068835	1.4219E-11
rs540429883	T	C	0.2	0.03	1.4221E-11
rs58399127	C	T	0.14	0.02	1.4238E-11
rs138137017	T	C	0.14	0.02	1.4242E-11
rs116758552	T	C	0.18	0.02	1.4249E-11
rs368285436	G	A	0.18	0.02	1.425E-11
rs533462716	C	T	0.14	0.02	1.4275E-11
rs117795663	A	T	0.14	0.02	1.4305E-11
rs76270668	C	T	0.15	0.02	1.4317E-11
rs56741633	T	G	0.33	0.04	1.4318E-11
rs146010189	A	G	0.14	0.02	1.433E-11
rs145797215	A	G	0.16	0.02	1.4351E-11
rs114230944	C	T	0.23	0.03	1.4356E-11
rs552003861	C	T	0.14	0.02	1.4364E-11
rs115145584	C	T	0.27	0.04	1.4371E-11
rs11138586	T	C	0.14	0.02	1.4383E-11
rs587637348	A	G	0.05	0.0076121	1.4383E-11
rs142861734	T	C	0.13	0.02	1.4392E-11
rs79490656	T	A	0.05	0.0083567	1.4397E-11
rs116315023	A	G	0.07	0.01	1.4415E-11
rs116106660	C	T	0.14	0.02	1.4437E-11
rs549305230	G	A	0.16	0.02	1.445E-11

rs149954455	C	T	0.16	0.02	1.4453E-11
rs148174026	T	C	0.14	0.02	1.4453E-11
rs150808248	T	C	0.07	0.01	1.446E-11
rs74146632	G	T	0.14	0.02	1.446E-11
rs79643555	C	T	0.15	0.02	1.4462E-11
rs58948873	G	A	0.14	0.02	1.4466E-11
rs184745192	T	C	0.14	0.02	1.4467E-11
rs143817607	T	C	0.24	0.03	1.4486E-11
rs16825023	C	T	0.14	0.02	1.4516E-11
rs189694922	A	C	0.06	0.008909	1.4535E-11
rs184673732	A	G	1.48	0.21	1.4537E-11
rs78861681	C	T	0.07	0.01	1.4545E-11
rs114409149	G	C	0.14	0.02	1.4545E-11
rs146508967	C	T	0.14	0.02	1.4556E-11
rs113221379	T	C	0.18	0.02	1.4559E-11
rs149755732	A	G	0.07	0.01	1.4607E-11
rs112226385	A	G	0.14	0.02	1.4618E-11
rs80078502	A	T	0.12	0.01	1.462E-11
rs370093004	C	T	0.22	0.03	1.4628E-11
rs149445164	G	C	0.16	0.02	1.4661E-11
rs9325855	T	A	0.15	0.02	1.4712E-11
rs114200080	C	T	0.15	0.02	1.4745E-11
rs61748640	A	G	0.25	0.03	1.4752E-11
rs7824405	G	A	0.05	0.0074579	1.4758E-11
rs2297947	C	T	0.15	0.02	1.4849E-11
rs143510310	C	T	0.21	0.03	1.4857E-11
rs117575568	A	G	0.15	0.02	1.4864E-11
rs151139997	A	C	0.15	0.02	1.4869E-11
rs551410383	A	G	0.03	0.005426	1.4883E-11
rs528704478	C	A	0.14	0.02	1.4893E-11
rs115323379	G	A	0.14	0.02	1.4898E-11
rs116308698	A	C	0.14	0.02	1.4907E-11
rs573889979	C	A	0.14	0.02	1.4913E-11
rs146677509	A	T	0.17	0.02	1.4924E-11
rs150103186	T	C	0.23	0.03	1.493E-11
rs150068028	G	A	0.14	0.02	1.4933E-11
rs559479290	A	G	0.14	0.02	1.4941E-11
rs555515044	C	T	0.17	0.02	1.495E-11
rs115188013	A	C	0.14	0.02	1.4951E-11
rs192695029	A	G	0.14	0.02	1.4959E-11
rs138023334	G	A	0.15	0.02	1.4964E-11
rs140619515	A	G	0.14	0.02	1.4993E-11
rs369075069	A	G	0.13	0.01	1.5022E-11
4:64198036_G_A	A	G	0.09	0.01	1.5023E-11
rs572071975	C	T	0.08	0.01	1.5032E-11
rs59577696	A	T	0.14	0.02	1.5067E-11
rs73854398	C	T	0.14	0.02	1.5067E-11
rs192804141	T	C	0.09	0.01	1.5082E-11
rs149038080	A	G	0.14	0.02	1.5087E-11
rs151225133	G	A	0.14	0.02	1.5087E-11
rs73037739	G	C	0.14	0.02	1.5112E-11
rs139596734	C	T	0.14	0.02	1.5112E-11
rs577323488	A	G	0.18	0.02	1.512E-11
rs550301702	C	T	0.04	0.0071822	1.5123E-11
rs144276556	C	T	0.14	0.02	1.5131E-11
rs141085103	T	C	0.19	0.02	1.5139E-11
rs7618130	T	G	0.14	0.02	1.514E-11
rs115686351	A	C	0.13	0.01	1.5147E-11
rs116190537	A	C	0.13	0.01	1.5147E-11
rs538741729	T	A	0.24	0.03	1.5193E-11
rs192591379	C	T	0.15	0.02	1.5196E-11

rs76498711	T	C	0.14	0.02	1.5198E-11
rs138573180	T	C	0.15	0.02	1.5202E-11
rs114543776	T	C	0.19	0.02	1.5213E-11
rs77235994	A	G	0.24	0.03	1.5237E-11
rs547514952	G	C	0.04	0.0062831	1.5243E-11
rs187006886	T	C	0.02	0.0029787	1.5254E-11
rs192049847	G	C	0.15	0.02	1.5258E-11
rs200541956	C	A	0.12	0.01	1.5268E-11
rs140229882	G	A	0.15	0.02	1.5272E-11
rs11997797	A	G	0.14	0.02	1.5286E-11
rs767861845	C	G	0.03	0.0044943	1.5287E-11
rs116770772	A	G	0.05	0.008091	1.5288E-11
rs140468813	A	T	0.07	0.01	1.5297E-11
rs183941261	C	A	0.07	0.01	1.5304E-11
rs116450117	T	C	0.19	0.02	1.5321E-11
rs146795787	C	A	0.14	0.02	1.5348E-11
rs187925551	T	G	4.22	0.62	1.5352E-11
rs529232017	C	A	0.03	0.0057246	1.5365E-11
rs114496054	A	G	0.14	0.02	1.5371E-11
rs147835006	G	T	0.15	0.02	1.5374E-11
rs149428149	A	G	0.05	0.0081046	1.5376E-11
rs190037161	T	C	0.07	0.01	1.5384E-11
rs114813249	C	T	0.14	0.02	1.5399E-11
rs193126861	T	C	0.15	0.02	1.5399E-11
rs857136	C	A	0.29	0.04	1.5405E-11
rs143230217	T	C	0.13	0.01	1.5424E-11
rs553250016	T	A	0.15	0.02	1.5431E-11
rs58340373	A	T	0.07	0.01	1.5449E-11
rs78731791	G	A	0.14	0.02	1.5452E-11
rs532886477	T	G	0.21	0.03	1.5457E-11
rs577241878	C	G	0.15	0.02	1.546E-11
rs147518013	A	G	0.15	0.02	1.5465E-11
rs77523689	G	A	0.14	0.02	1.5474E-11
rs7637778	C	T	0.14	0.02	1.5517E-11
rs530069295	T	A	0.14	0.02	1.5531E-11
rs79256962	T	C	0.14	0.02	1.5531E-11
rs115325833	T	A	0.15	0.02	1.5534E-11
rs145704912	T	C	0.14	0.02	1.5535E-11
rs534146562	A	G	0.54	0.08	1.5554E-11
rs148869255	A	C	0.06	0.0095051	1.5564E-11
rs73576741	A	G	0.13	0.02	1.5575E-11
rs115751766	A	G	0.08	0.01	1.56E-11
rs76189592	G	A	0.15	0.02	1.561E-11
rs111969401	T	C	0.14	0.02	1.5615E-11
rs535168314	A	C	0.14	0.02	1.5643E-11
rs150285148	A	G	0.14	0.02	1.5643E-11
rs144500281	T	C	0.14	0.02	1.5643E-11
rs139554301	T	C	0.09	0.01	1.5649E-11
rs115805133	T	C	0.07	0.01	1.5652E-11
rs114631203	A	G	0.22	0.03	1.5655E-11
rs148251657	T	C	0.14	0.02	1.5663E-11
rs148834561	G	A	0.14	0.02	1.5666E-11
rs79535259	T	C	0.07	0.01	1.5667E-11
rs143130479	T	A	0.14	0.02	1.5669E-11
rs74497974	A	G	0.07	0.01	1.567E-11
rs115522919	G	T	0.14	0.02	1.5695E-11
rs186982813	G	T	0.17	0.02	1.57E-11
rs115418321	A	G	0.05	0.0074932	1.5701E-11
rs188012866	C	T	0.17	0.02	1.5706E-11
rs150790864	T	G	0.09	0.01	1.5708E-11
rs115060484	T	G	0.14	0.02	1.5722E-11



rs114232523	G	C	0.05	0.0074932	1.5725E-11
rs115866249	C	T	0.14	0.02	1.5763E-11
rs114919312	T	G	0.14	0.02	1.5767E-11
rs189603750	C	A	0.11	0.01	1.58E-11
rs186766646	T	C	0.13	0.02	1.5812E-11
rs147566635	A	T	0.14	0.02	1.5813E-11
rs111853866	T	C	0.14	0.02	1.5838E-11
rs116133994	A	T	0.14	0.02	1.5843E-11
rs373994799	C	G	0.14	0.02	1.5857E-11
rs371383377	G	A	0.06	0.0097491	1.5859E-11
rs545066320	C	T	0.16	0.02	1.5891E-11
rs572546111	A	G	0.14	0.02	1.5906E-11
rs113147112	C	T	0.14	0.02	1.5921E-11
rs137890738	T	C	0.15	0.02	1.5925E-11
rs79253362	A	C	0.11	0.01	1.5944E-11
rs141088787	G	A	0.09	0.01	1.5958E-11
rs536866523	A	C	0.26	0.03	1.5962E-11
rs114030334	C	T	0.15	0.02	1.6014E-11
rs115374917	G	A	0.15	0.02	1.6031E-11
rs711521	G	A	0.26	0.03	1.6055E-11
rs4495558	A	G	0.15	0.02	1.6057E-11
rs78155801	C	T	0.15	0.02	1.6071E-11
rs150309503	A	C	0.15	0.02	1.6073E-11
rs139600748	G	A	0.14	0.02	1.6121E-11
rs76721493	C	A	0.06	0.01	1.6133E-11
rs115463139	T	G	0.12	0.01	1.6143E-11
rs114286841	G	T	0.15	0.02	1.6168E-11
rs538922138	A	G	0.14	0.02	1.6169E-11
rs376408991	T	C	0.15	0.02	1.6186E-11
rs115381423	G	T	0.18	0.02	1.6207E-11
rs560905680	A	G	0.13	0.01	1.6238E-11
rs181580163	G	A	0.14	0.02	1.6251E-11
rs148560266	T	A	0.18	0.02	1.6258E-11
rs116149063	G	A	0.06	0.0090358	1.627E-11
rs536537602	A	G	0.06	0.0097259	1.6285E-11
rs114215214	G	A	0.07	0.01	1.6287E-11
rs4917206	G	A	-0.14	0.02	1.6301E-11
rs182995377	A	G	0.14	0.02	1.6316E-11
rs2232683	A	G	0.15	0.02	1.6341E-11
rs146998821	C	T	0.17	0.02	1.6351E-11
rs189510389	T	C	0.14	0.02	1.6373E-11
rs9773854	C	G	0.22	0.03	1.6379E-11
rs116746956	T	G	0.15	0.02	1.6398E-11
rs142321288	A	T	0.14	0.02	1.6415E-11
rs182099459	G	T	0.22	0.03	1.6421E-11
rs145119110	G	A	0.14	0.02	1.6431E-11
rs115273034	G	A	0.14	0.02	1.6434E-11
rs113034822	C	G	0.15	0.02	1.6439E-11
rs60531323	A	G	0.15	0.02	1.6442E-11
rs139263498	A	G	0.16	0.02	1.6443E-11
rs147281488	A	T	0.14	0.02	1.6456E-11
rs180838581	A	G	0.14	0.02	1.6456E-11
rs146686007	T	C	0.14	0.02	1.6456E-11
rs77689338	G	A	0.13	0.01	1.6468E-11
rs114124699	T	G	0.14	0.02	1.6476E-11
rs572981657	C	T	0.8	0.11	1.6517E-11
rs143714531	A	G	0.07	0.01	1.6541E-11
rs114468288	A	G	0.47	0.07	1.6542E-11
rs74697910	C	T	0.19	0.02	1.6571E-11
rs148933597	A	C	0.07	0.01	1.6591E-11
rs542077593	A	G	0.1	0.01	1.661E-11

rs117922161	T	G	0.14	0.02	1.6622E-11
rs530463455	C	T	0.14	0.02	1.6637E-11
rs183464795	A	C	0.14	0.02	1.6665E-11
rs538295446	T	G	0.17	0.02	1.6675E-11
rs60053101	G	T	0.1	0.01	1.6679E-11
rs76343299	T	A	0.14	0.02	1.669E-11
rs60295328	A	G	0.15	0.02	1.6713E-11
rs148698518	A	G	0.07	0.01	1.674E-11
rs552884477	T	C	0.05	0.0086309	1.6756E-11
rs147145516	C	T	0.14	0.02	1.6773E-11
rs138696151	C	A	0.14	0.02	1.6773E-11
rs145098538	A	G	0.14	0.02	1.6794E-11
rs78860872	T	G	0.18	0.02	1.6838E-11
rs114682375	G	A	0.14	0.02	1.6851E-11
rs76023377	G	A	0.16	0.02	1.6864E-11
rs751549836	G	T	0.05	0.0078833	1.6865E-11
rs564306273	T	C	0.14	0.02	1.6879E-11
rs78679812	G	T	1.27	0.18	1.6952E-11
rs150913037	T	C	0.53	0.08	1.6954E-11
rs74366083	A	G	0.05	0.0077999	1.6981E-11
rs188045013	A	C	0.16	0.02	1.7007E-11
rs577408639	A	G	0.17	0.02	1.7039E-11
rs150055057	C	T	0.16	0.02	1.704E-11
rs554411032	A	G	0.05	0.0074986	1.7055E-11
rs182924369	G	A	0.07	0.01	1.706E-11
rs375790176	A	G	0.32	0.04	1.7077E-11
rs78359419	T	C	0.16	0.02	1.7089E-11
rs186644682	C	T	0.16	0.02	1.7097E-11
rs191762979	T	C	0.07	0.01	1.7115E-11
rs115883077	A	G	0.16	0.02	1.7141E-11
rs147638548	T	C	0.15	0.02	1.7142E-11
rs138167998	A	G	0.15	0.02	1.7149E-11
rs6935320	C	G	0.14	0.02	1.7153E-11
rs114656460	C	A	0.16	0.02	1.716E-11
rs146162431	G	A	0.14	0.02	1.7161E-11
rs116824036	G	A	0.07	0.01	1.7177E-11
rs77355007	T	C	0.07	0.01	1.7208E-11
rs116635413	C	T	0.07	0.01	1.7208E-11
rs115993024	G	C	0.07	0.01	1.7208E-11
rs189017960	C	T	0.18	0.02	1.7216E-11
rs147761011	A	T	0.17	0.02	1.722E-11
rs115849467	C	T	0.16	0.02	1.7222E-11
rs77360901	A	G	0.16	0.02	1.7222E-11
rs116588526	T	C	0.07	0.01	1.7249E-11
rs145667943	C	T	0.16	0.02	1.7252E-11
rs537923094	A	G	0.04	0.0065864	1.7258E-11
rs141154995	A	G	2.2	0.32	1.7265E-11
rs183676815	G	A	0.14	0.02	1.7312E-11
rs535397273	G	A	0.14	0.02	1.7312E-11
rs150234128	A	G	0.14	0.02	1.7312E-11
rs146371725	A	G	0.3	0.04	1.7318E-11
rs115716733	A	G	0.16	0.02	1.7321E-11
rs114086344	A	G	0.14	0.02	1.7322E-11
rs192939507	G	T	0.14	0.02	1.7332E-11
rs113745315	G	A	0.08	0.01	1.7335E-11
rs773822589	A	T	0.03	0.0058814	1.7347E-11
rs111390911	A	G	0.15	0.02	1.7349E-11
rs114339802	A	G	0.16	0.02	1.7353E-11
rs77893939	G	T	0.16	0.02	1.7353E-11
rs58295483	A	G	0.07	0.01	1.7359E-11
rs113344679	G	A	0.14	0.02	1.7393E-11

rs78779562	A	G	0.14	0.02	1.7403E-11
rs116095388	G	T	0.1	0.01	1.7408E-11
rs59653720	T	G	0.14	0.02	1.7415E-11
rs116531475	A	G	0.25	0.03	1.7422E-11
rs115669504	T	G	0.14	0.02	1.746E-11
rs183844737	G	T	0.08	0.01	1.747E-11
rs114464489	C	T	0.07	0.01	1.7478E-11
rs143741638	A	G	0.15	0.02	1.7483E-11
rs111275980	T	C	0.15	0.02	1.7487E-11
rs547323884	A	T	0.08	0.01	1.7494E-11
rs115954767	C	T	0.16	0.02	1.7506E-11
rs140415363	T	A	0.14	0.02	1.7551E-11
rs148561749	A	G	0.24	0.03	1.7559E-11
rs141862347	C	A	0.14	0.02	1.7563E-11
rs73037738	G	C	0.14	0.02	1.7577E-11
rs140927928	C	T	0.17	0.02	1.7602E-11
rs377207288	A	G	0.14	0.02	1.7604E-11
rs77149726	T	G	0.24	0.03	1.7617E-11
rs114302802	T	G	0.19	0.02	1.7634E-11
rs116556348	T	C	0.14	0.02	1.7637E-11
rs78129938	T	C	0.05	0.0081017	1.7652E-11
rs534920800	T	C	0.13	0.02	1.7661E-11
rs75719733	C	T	0.14	0.02	1.7677E-11
rs149991328	C	A	0.15	0.02	1.769E-11
rs11987662	C	T	0.08	0.01	1.7697E-11
rs112577353	C	T	0.14	0.02	1.7717E-11
rs185448773	C	A	0.14	0.02	1.7719E-11
rs745179	C	T	0.14	0.02	1.7726E-11
rs142050704	G	A	0.14	0.02	1.774E-11
rs143671908	T	C	0.15	0.02	1.774E-11
rs115953551	C	T	0.15	0.02	1.7744E-11
rs111507368	C	T	0.13	0.02	1.7765E-11
rs146611256	C	T	0.14	0.02	1.7775E-11
rs180870222	G	A	0.14	0.02	1.7777E-11
rs79541292	C	G	0.15	0.02	1.779E-11
rs77923041	T	C	0.16	0.02	1.7812E-11
rs148000252	A	G	0.14	0.02	1.7911E-11
rs148833074	C	T	0.14	0.02	1.7911E-11
rs3801071	A	G	0.22	0.03	1.7919E-11
rs147616873	G	C	0.14	0.02	1.7946E-11
rs150082921	A	G	0.51	0.07	1.7948E-11
rs74555706	C	T	0.14	0.02	1.7967E-11
rs114825044	A	T	0.14	0.02	1.7979E-11
rs79021497	G	T	0.16	0.02	1.8012E-11
rs80279640	G	A	0.16	0.02	1.8012E-11
rs187754802	G	T	0.02	0.0033044	1.8037E-11
rs78299869	T	G	0.12	0.01	1.8046E-11
rs113012467	T	C	0.38	0.05	1.8047E-11
rs114906178	T	C	0.04	0.0071207	1.8061E-11
rs73861901	T	C	0.13	0.01	1.8061E-11
rs113212020	G	T	0.14	0.02	1.8066E-11
rs61111937	A	G	0.04	0.0061749	1.8129E-11
rs149878101	T	C	0.14	0.02	1.8135E-11
rs149295073	A	C	0.14	0.02	1.8136E-11
rs115718098	T	A	0.16	0.02	1.8138E-11
rs150086261	C	T	0.16	0.02	1.8138E-11
rs144919922	G	A	0.14	0.02	1.8145E-11
rs149391669	A	G	0.26	0.03	1.8162E-11
rs575091504	C	T	0.14	0.02	1.8167E-11
rs578186519	G	A	0.14	0.02	1.8226E-11
rs77176639	T	C	0.14	0.02	1.8226E-11

rs139172933	A	G	0.14	0.02	1.8226E-11
rs144623378	A	G	0.06	0.01	1.8234E-11
rs74616256	C	T	0.14	0.02	1.8237E-11
rs114212799	T	C	0.14	0.02	1.824E-11
rs552729016	T	C	0.11	0.01	1.8276E-11
rs180761998	T	C	0.14	0.02	1.8292E-11
rs12337146	C	A	0.14	0.02	1.8311E-11
rs143353522	A	G	0.16	0.02	1.8323E-11
rs142400097	A	G	0.14	0.02	1.8345E-11
rs116156525	C	T	0.4	0.06	1.8351E-11
rs116271352	A	C	0.16	0.02	1.839E-11
rs536759742	T	C	0.03	0.0056935	1.8392E-11
rs140258767	T	C	0.16	0.02	1.842E-11
rs11251172	T	C	0.14	0.02	1.8434E-11
rs113491585	T	C	0.14	0.02	1.8464E-11
rs116914979	T	C	0.12	0.01	1.8477E-11
rs536800485	C	G	0.14	0.02	1.849E-11
rs145352436	C	A	0.32	0.04	1.8499E-11
rs149819602	T	C	0.11	0.01	1.8506E-11
rs78743356	A	C	0.16	0.02	1.8509E-11
rs115400223	A	C	0.07	0.01	1.8517E-11
rs115398228	T	C	0.16	0.02	1.8519E-11
rs765094953	T	C	0.04	0.0070933	1.8533E-11
rs143140202	A	G	0.14	0.02	1.854E-11
rs59253086	C	T	0.14	0.02	1.8567E-11
rs114770736	G	C	0.16	0.02	1.8579E-11
rs115775128	C	G	0.14	0.02	1.8581E-11
rs72954070	C	T	0.14	0.02	1.8586E-11
rs112502998	A	G	0.15	0.02	1.861E-11
rs147452829	A	G	0.14	0.02	1.8616E-11
rs148323028	T	C	0.13	0.02	1.8636E-11
rs143380743	G	T	0.14	0.02	1.8641E-11
rs115136591	A	G	0.14	0.02	1.8641E-11
rs571193671	T	C	0.27	0.04	1.869E-11
rs115491738	A	T	0.14	0.02	1.8728E-11
rs139610801	A	G	0.18	0.02	1.8732E-11
rs9392161	T	A	0.22	0.03	1.8742E-11
rs118163176	G	A	0.15	0.02	1.8767E-11
rs146736898	C	T	0.14	0.02	1.8773E-11
rs143103670	C	T	0.15	0.02	1.8782E-11
rs115236112	C	T	0.14	0.02	1.8791E-11
rs140390067	T	G	0.14	0.02	1.8791E-11
rs77841733	A	G	0.14	0.02	1.8791E-11
rs149139149	G	A	0.14	0.02	1.8805E-11
rs74651450	G	A	0.07	0.01	1.8805E-11
rs114515380	G	A	0.14	0.02	1.8814E-11
rs576887584	C	T	0.14	0.02	1.8819E-11
rs28367167	A	G	0.17	0.02	1.8829E-11
rs36025344	T	C	0.14	0.02	1.8856E-11
rs574601740	G	C	0.14	0.02	1.8873E-11
rs116067287	T	C	0.13	0.02	1.8899E-11
rs144614479	G	A	0.07	0.01	1.8906E-11
rs77336218	T	C	0.14	0.02	1.8923E-11
rs116573815	G	T	0.14	0.02	1.8924E-11
rs143873157	G	A	0.14	0.02	1.8927E-11
rs12003967	C	T	0.05	0.0075704	1.8934E-11
rs757105520	T	G	0.03	0.0047271	1.8941E-11
rs116520554	A	C	0.41	0.06	1.8955E-11
rs568173745	G	C	0.05	0.0078469	1.8977E-11
rs116201639	G	A	0.16	0.02	1.8982E-11
rs149650052	T	C	0.13	0.02	1.8988E-11

rs139199924	A	G	0.07	0.01	1.9003E-11
rs146979414	G	A	0.54	0.08	1.9011E-11
rs188758985	T	C	0.14	0.02	1.9015E-11
rs115351689	A	G	0.07	0.01	1.9017E-11
rs114204740	A	G	0.07	0.01	1.904E-11
rs116791417	T	C	0.14	0.02	1.9049E-11
rs114912047	G	A	0.14	0.02	1.9049E-11
rs78014625	G	A	0.09	0.01	1.9057E-11
rs79710599	C	T	0.2	0.02	1.9058E-11
rs76817844	C	T	0.11	0.01	1.9062E-11
rs150460206	C	T	0.14	0.02	1.9065E-11
rs144151252	G	A	0.25	0.03	1.9067E-11
rs58397061	T	C	0.27	0.04	1.9096E-11
rs568435246	T	C	0.14	0.02	1.9121E-11
rs79135315	G	T	0.14	0.02	1.9183E-11
rs11991457	A	G	0.14	0.02	1.922E-11
rs182555235	A	G	0.17	0.02	1.9241E-11
rs145841995	T	G	0.14	0.02	1.9253E-11
rs571725554	T	C	0.14	0.02	1.9254E-11
rs147511659	A	G	0.02	0.0034014	1.9282E-11
rs186496791	G	T	0.14	0.02	1.9293E-11
rs74808493	C	A	0.04	0.0074287	1.9304E-11
rs137993603	A	G	0.06	0.01	1.9305E-11
rs77005401	C	T	0.15	0.02	1.9325E-11
rs142551424	T	C	0.2	0.03	1.9329E-11
rs114075339	A	C	0.16	0.02	1.9333E-11
rs139752319	A	C	0.16	0.02	1.9333E-11
rs74344422	G	A	0.16	0.02	1.9333E-11
rs77550187	C	T	0.16	0.02	1.9333E-11
rs145569941	A	G	0.16	0.02	1.9359E-11
rs73369928	T	C	0.16	0.02	1.9361E-11
rs150751833	A	C	0.08	0.01	1.9377E-11
rs75100185	G	A	0.14	0.02	1.9395E-11
rs76207722	G	C	0.11	0.01	1.9397E-11
rs116563122	T	G	0.16	0.02	1.9404E-11
rs183169467	C	T	0.14	0.02	1.9436E-11
rs187900967	G	C	0.14	0.02	1.9436E-11
rs145676935	G	A	0.13	0.01	1.9445E-11
rs77461587	T	C	0.14	0.02	1.9468E-11
rs538339748	G	A	0.33	0.05	1.9492E-11
rs114271111	G	A	0.15	0.02	1.9498E-11
rs144542098	G	C	0.14	0.02	1.9507E-11
rs74916187	C	G	0.14	0.02	1.9516E-11
rs76169384	A	G	0.16	0.02	1.9523E-11
rs73881522	A	G	0.17	0.02	1.9578E-11
rs115736760	C	T	0.07	0.01	1.9589E-11
rs114192411	T	C	0.14	0.02	1.9607E-11
rs146785881	T	G	0.14	0.02	1.9608E-11
rs115882458	A	G	0.07	0.01	1.9622E-11
rs180961870	T	G	0.48	0.07	1.9643E-11
rs74748511	C	A	0.03	0.0049729	1.9667E-11
rs145453817	A	G	0.37	0.05	1.9677E-11
rs28452923	T	C	0.15	0.02	1.9706E-11
rs73643446	A	G	0.03	0.0050039	1.9719E-11
rs140684231	C	T	0.14	0.02	1.9724E-11
rs145009763	A	C	0.15	0.02	1.9745E-11
rs564283850	A	G	0.19	0.02	1.9759E-11
rs151307322	A	G	0.07	0.01	1.9836E-11
rs148532408	A	G	0.18	0.02	1.9868E-11
rs111901549	A	G	0.14	0.02	1.988E-11
rs587624332	T	C	1.72	0.25	1.9938E-11

rs587642075	T	C	1.72	0.25	1.9938E-11
rs185202790	A	G	1.72	0.25	1.9938E-11
rs587660282	A	G	1.72	0.25	1.9938E-11
rs587678757	T	G	1.72	0.25	1.9938E-11
rs587695046	G	A	1.72	0.25	1.9938E-11
rs77449291	G	A	0.14	0.02	1.994E-11
rs116116188	G	A	0.07	0.01	1.9949E-11
rs149405116	C	G	0.16	0.02	1.996E-11
rs79336966	T	C	0.08	0.01	1.997E-11
rs141261701	T	C	0.16	0.02	2.0042E-11
rs148496348	G	A	0.16	0.02	2.0042E-11
rs182634874	C	T	0.16	0.02	2.0042E-11
rs78015991	T	C	0.16	0.02	2.0042E-11
rs557421557	C	A	0.14	0.02	2.0056E-11
rs148184526	A	G	0.16	0.02	2.0073E-11
rs528265221	G	A	0.13	0.01	2.0073E-11
rs189551922	C	T	0.15	0.02	2.0084E-11
rs78494851	T	A	0.14	0.02	2.0115E-11
rs147097912	C	A	0.05	0.0078183	2.0116E-11
rs573267649	A	G	0.18	0.02	2.0125E-11
rs58201516	T	C	0.07	0.01	2.0143E-11
rs138802384	A	T	0.16	0.02	2.0182E-11
rs116518111	G	A	0.15	0.02	2.0206E-11
rs146541910	C	G	0.07	0.01	2.0222E-11
rs185535333	G	A	0.15	0.02	2.0239E-11
rs141378016	T	A	0.14	0.02	2.0239E-11
rs115942577	G	A	0.14	0.02	2.0256E-11
rs538108688	T	C	0.06	0.0099693	2.0266E-11
rs140555556	C	T	0.14	0.02	2.0288E-11
rs73861899	A	G	0.13	0.01	2.0329E-11
rs549226669	A	C	0.03	0.0049621	2.0332E-11
rs563668505	A	G	0.34	0.05	2.0334E-11
rs140190768	C	T	0.15	0.02	2.0363E-11
rs76450793	A	G	0.16	0.02	2.0366E-11
rs2642168	T	G	-0.14	0.02	2.0384E-11
rs138626901	G	C	0.14	0.02	2.0387E-11
rs539169698	A	G	0.3	0.04	2.0388E-11
rs139111681	C	G	0.14	0.02	2.0397E-11
rs143206100	C	T	0.15	0.02	2.0408E-11
rs77344966	C	G	0.15	0.02	2.0408E-11
rs79687558	A	G	0.05	0.0084431	2.0409E-11
rs115956611	C	T	0.14	0.02	2.0413E-11
rs145911180	T	C	0.14	0.02	2.0424E-11
rs565918900	A	G	0.14	0.02	2.044E-11
rs151127015	G	A	0.04	0.0073067	2.0478E-11
rs148102517	G	A	0.14	0.02	2.0481E-11
rs114586586	C	A	0.16	0.02	2.0484E-11
rs150846322	T	C	0.14	0.02	2.0493E-11
rs150368613	T	C	0.16	0.02	2.0496E-11
rs543578535	A	C	0.16	0.02	2.0496E-11
rs188758144	A	G	0.14	0.02	2.05E-11
rs140946340	T	C	0.14	0.02	2.0526E-11
rs10452754	C	T	0.14	0.02	2.0569E-11
rs141997781	C	T	0.22	0.03	2.0609E-11
rs116754145	G	C	0.07	0.01	2.0618E-11
rs115118431	C	A	0.06	0.01	2.0631E-11
rs115031866	C	T	0.22	0.03	2.071E-11
rs187486052	C	T	0.14	0.02	2.0796E-11
rs148190236	T	C	0.14	0.02	2.0821E-11
rs115958475	T	G	0.06	0.01	2.0838E-11
rs191790229	C	T	0.14	0.02	2.0859E-11

rs57604457	T	G	0.05	0.0076157	2.0869E-11
2:2119642_C_T	T	C	0.14	0.02	2.0907E-11
rs60375708	T	C	0.07	0.01	2.0927E-11
rs138699391	C	T	0.22	0.03	2.0959E-11
rs112359355	A	G	0.17	0.02	2.0961E-11
rs553236887	T	C	0.14	0.02	2.0978E-11
rs149858938	T	C	4.15	0.62	2.0991E-11
rs553304112	G	C	0.03	0.0058922	2.0994E-11
rs73753395	A	T	0.05	0.0076138	2.1004E-11
rs189437042	G	A	0.17	0.02	2.1006E-11
rs60170932	C	T	0.07	0.01	2.1006E-11
rs530279690	C	T	0.19	0.02	2.1022E-11
rs112152870	A	T	0.17	0.02	2.1023E-11
rs527538435	T	C	0.3	0.04	2.1024E-11
rs147251359	T	C	0.14	0.02	2.1046E-11
rs554572431	T	C	0.07	0.01	2.1058E-11
rs114048324	G	A	0.14	0.02	2.1069E-11
rs182806799	G	A	0.14	0.02	2.1084E-11
rs192935420	T	C	0.15	0.02	2.1089E-11
rs149376697	A	G	0.14	0.02	2.1091E-11
rs139949109	C	T	0.14	0.02	2.1091E-11
rs141718840	C	T	0.14	0.02	2.111E-11
rs79291979	A	G	0.08	0.01	2.111E-11
rs139121089	A	G	0.14	0.02	2.1123E-11
rs78079265	T	C	0.07	0.01	2.1134E-11
rs115240006	A	G	0.14	0.02	2.1145E-11
rs567294203	T	C	0.14	0.02	2.1149E-11
rs113610875	C	T	0.14	0.02	2.1229E-11
rs10166889	A	G	0.15	0.02	2.1241E-11
rs114465768	G	A	0.14	0.02	2.1245E-11
rs145087901	T	C	0.08	0.01	2.1253E-11
rs114038858	T	C	0.15	0.02	2.127E-11
rs562420679	T	C	0.14	0.02	2.1271E-11
rs113986615	A	G	0.07	0.01	2.128E-11
1:204035874_C_T	T	C	0.04	0.0068056	2.1283E-11
rs112482319	T	G	0.14	0.02	2.1288E-11
rs115322355	T	C	0.14	0.02	2.129E-11
rs139749623	T	C	0.14	0.02	2.1351E-11
rs138717781	T	G	0.14	0.02	2.1417E-11
rs112168320	G	C	0.13	0.02	2.1424E-11
rs73287741	A	G	0.07	0.01	2.1433E-11
rs536436951	T	C	0.14	0.02	2.1446E-11
rs142834660	G	A	0.14	0.02	2.1458E-11
rs566876950	T	C	0.14	0.02	2.1489E-11
rs150116806	A	G	0.14	0.02	2.1502E-11
rs578043821	T	C	0.15	0.02	2.1511E-11
rs114476989	T	C	0.14	0.02	2.1524E-11
3:151125098_A_G	G	A	0.04	0.0073499	2.1527E-11
rs774287828	G	A	0.04	0.0062921	2.1533E-11
rs141492549	A	T	0.14	0.02	2.1536E-11
rs116422753	T	C	0.05	0.0078472	2.154E-11
rs113352490	T	C	0.15	0.02	2.1541E-11
rs144869258	A	G	0.06	0.01	2.1596E-11
rs57708890	T	C	0.13	0.01	2.1644E-11
rs76876574	A	G	0.11	0.01	2.1709E-11
rs116342061	G	A	0.07	0.01	2.1709E-11
rs111727314	T	C	0.13	0.02	2.171E-11
rs568484965	C	T	0.04	0.0060784	2.1711E-11
rs113093984	C	T	0.13	0.02	2.1718E-11
rs76947723	T	C	0.04	0.0074605	2.1761E-11
rs79983528	G	A	0.11	0.01	2.1773E-11

rs79612677	T	C	0.14	0.02	2.1775E-11
rs115409065	A	C	0.14	0.02	2.1782E-11
rs532780282	G	C	0.11	0.01	2.1805E-11
rs183241676	G	A	0.14	0.02	2.1816E-11
rs180821568	G	T	0.33	0.04	2.184E-11
rs571982534	A	C	0.16	0.02	2.1873E-11
rs140007110	G	A	0.14	0.02	2.1897E-11
rs146634912	G	C	0.14	0.02	2.1906E-11
rs114620716	T	C	0.07	0.01	2.1926E-11
rs113800724	C	A	0.13	0.02	2.1951E-11
rs73287743	G	A	0.07	0.01	2.1962E-11
rs115621645	C	T	0.1	0.01	2.1987E-11
rs182221050	T	C	0.14	0.02	2.2006E-11
rs78159199	C	T	0.15	0.02	2.2079E-11
rs115195752	G	A	0.07	0.01	2.208E-11
rs188277400	G	A	0.15	0.02	2.2097E-11
rs145134553	C	A	0.14	0.02	2.2102E-11
rs181591439	A	G	0.14	0.02	2.2115E-11
rs73682503	C	T	0.07	0.01	2.2116E-11
rs147570355	A	G	0.14	0.02	2.2125E-11
rs559603232	A	T	0.07	0.01	2.2143E-11
rs7670586	A	G	0.14	0.02	2.2166E-11
rs569364521	A	G	0.14	0.02	2.2202E-11
rs146275790	A	G	0.14	0.02	2.2211E-11
rs116270326	A	T	0.14	0.02	2.2217E-11
rs111550485	A	G	0.13	0.02	2.223E-11
rs75812017	G	A	0.07	0.01	2.2237E-11
rs137965407	C	T	0.23	0.03	2.2238E-11
rs113838530	A	G	0.15	0.02	2.2318E-11
rs189297186	C	T	0.14	0.02	2.2356E-11
rs74838441	T	C	0.08	0.01	2.2359E-11
rs185146864	A	C	0.19	0.02	2.238E-11
rs116804321	G	C	0.16	0.02	2.238E-11
rs751830598	C	T	0.03	0.0058258	2.2392E-11
rs115722928	T	C	0.14	0.02	2.2408E-11
rs114950877	A	G	0.14	0.02	2.2506E-11
rs73854396	T	G	0.14	0.02	2.2559E-11
rs143059784	A	G	0.07	0.01	2.2576E-11
rs540123476	G	A	0.14	0.02	2.2599E-11
rs114335540	C	T	0.14	0.02	2.2613E-11
rs147748203	T	C	0.14	0.02	2.2624E-11
rs77573281	A	T	0.28	0.04	2.265E-11
rs75127196	C	T	0.14	0.02	2.2657E-11
rs182984530	C	G	0.14	0.02	2.2674E-11
rs115956197	T	C	0.07	0.01	2.2677E-11
rs190953704	G	C	0.14	0.02	2.2678E-11
rs138110528	C	T	0.07	0.01	2.2706E-11
rs146474770	A	G	0.13	0.01	2.2726E-11
rs73802639	C	A	0.2	0.02	2.2751E-11
rs11992967	A	T	0.04	0.0074728	2.2763E-11
rs142866578	A	G	0.11	0.01	2.2785E-11
rs140018296	G	A	0.15	0.02	2.2786E-11
rs139625832	G	A	0.15	0.02	2.2791E-11
rs76700402	T	C	0.07	0.01	2.2799E-11
rs534268337	A	G	0.14	0.02	2.2805E-11
rs114512013	A	G	0.14	0.02	2.2816E-11
rs73287749	T	G	0.07	0.01	2.282E-11
rs116723184	C	T	0.14	0.02	2.283E-11
rs558209164	T	C	0.17	0.02	2.2831E-11
rs184520114	C	T	3.75	0.56	2.2843E-11
rs137972519	C	T	0.14	0.02	2.2844E-11



rs73121392	T	C	0.14	0.02	2.2885E-11
rs116197274	T	A	0.14	0.02	2.294E-11
rs114207569	A	G	0.15	0.02	2.2991E-11
rs145764111	C	T	0.15	0.02	2.2999E-11
rs75609570	T	C	0.08	0.01	2.3009E-11
rs183132884	C	A	0.14	0.02	2.3013E-11
rs555670535	G	A	0.14	0.02	2.3062E-11
rs115067410	G	A	0.14	0.02	2.3075E-11
rs56249556	G	A	0.02	0.0043358	2.32E-11
rs138633635	C	G	0.21	0.03	2.3229E-11
rs115219597	G	T	0.14	0.02	2.324E-11
rs568018588	T	C	0.07	0.01	2.3246E-11
rs542439801	C	T	0.11	0.01	2.325E-11
rs147561574	T	A	0.07	0.01	2.3262E-11
rs565641935	T	C	0.14	0.02	2.3291E-11
rs146907587	G	A	0.06	0.01	2.3325E-11
rs148643714	C	T	0.14	0.02	2.3328E-11
rs79360262	C	T	0.17	0.02	2.3341E-11
rs73366947	G	A	0.14	0.02	2.3355E-11
rs564901809	C	T	0.17	0.02	2.3406E-11
rs115317131	G	A	0.07	0.01	2.3409E-11
rs79917917	C	T	0.14	0.02	2.3444E-11
rs79024425	G	A	0.14	0.02	2.3469E-11
rs144993580	T	C	0.14	0.02	2.3493E-11
rs115732125	C	G	0.14	0.02	2.3522E-11
rs144079999	T	C	0.18	0.02	2.3568E-11
rs116268397	C	T	0.14	0.02	2.3573E-11
rs190791330	C	G	0.14	0.02	2.3603E-11
rs114788211	C	G	0.15	0.02	2.3647E-11
rs76869260	G	A	0.14	0.02	2.366E-11
rs75661903	T	C	0.12	0.01	2.3694E-11
rs193157837	T	C	0.05	0.0076554	2.3704E-11
rs114453718	T	C	0.04	0.0074305	2.3705E-11
rs145773713	G	A	0.26	0.03	2.3707E-11
rs113538801	C	G	0.12	0.01	2.3725E-11
rs138931473	C	T	0.14	0.02	2.3732E-11
rs79797691	A	G	0.13	0.02	2.3779E-11
rs370233214	G	A	0.14	0.02	2.3781E-11
rs191698698	T	C	0.15	0.02	2.3821E-11
rs114600749	T	C	0.14	0.02	2.3825E-11
rs551061507	A	T	0.14	0.02	2.3839E-11
rs79876296	A	G	0.14	0.02	2.386E-11
rs111987045	T	C	0.2	0.03	2.3876E-11
rs78783807	T	C	0.12	0.01	2.3951E-11
rs116081322	C	T	0.19	0.02	2.3951E-11
rs10239549	T	G	0.14	0.02	2.3952E-11
rs181188083	A	C	0.14	0.02	2.3956E-11
rs186770269	A	C	0.14	0.02	2.3956E-11
rs114651959	T	A	0.14	0.02	2.3964E-11
rs186293587	T	G	0.17	0.02	2.3965E-11
rs147307572	G	A	0.15	0.02	2.3965E-11
rs150667458	G	C	0.15	0.02	2.4007E-11
rs191259363	A	G	0.15	0.02	2.4007E-11
rs143322533	C	T	0.18	0.02	2.4007E-11
rs75075069	C	A	0.14	0.02	2.402E-11
rs144594863	A	G	0.14	0.02	2.4045E-11
rs114715729	A	G	0.13	0.02	2.4058E-11
rs139975406	G	A	0.15	0.02	2.4068E-11
rs115225406	G	A	0.13	0.02	2.4078E-11
rs73861888	G	T	0.13	0.01	2.4082E-11
rs142464636	G	C	0.07	0.01	2.4114E-11

rs575534292	A	G	0.14	0.02	2.4126E-11
rs142992186	T	C	0.14	0.02	2.4155E-11
rs148521112	G	A	0.19	0.02	2.4161E-11
rs371061100	C	T	0.14	0.02	2.4168E-11
rs564678963	T	C	0.02	0.0036458	2.4208E-11
rs75806338	A	G	0.08	0.01	2.4218E-11
rs572054228	G	C	0.14	0.02	2.4268E-11
rs57735604	T	C	0.14	0.02	2.4274E-11
rs148657627	G	A	0.14	0.02	2.4384E-11
rs116377237	C	T	0.14	0.02	2.4386E-11
rs184056583	G	T	0.14	0.02	2.4411E-11
rs192449373	T	A	0.1	0.01	2.444E-11
rs10265844	T	C	0.14	0.02	2.4509E-11
rs146868645	G	T	0.14	0.02	2.4527E-11
rs574286223	G	A	0.14	0.02	2.4556E-11
rs185075241	C	T	0.08	0.01	2.4563E-11
rs56134143	G	A	0.14	0.02	2.4573E-11
rs78539751	A	T	0.15	0.02	2.4577E-11
rs73669358	T	C	0.14	0.02	2.4582E-11
rs80221193	T	A	0.07	0.01	2.4619E-11
rs528467297	A	G	0.12	0.01	2.4627E-11
rs80233302	C	T	0.04	0.0074155	2.4653E-11
rs116655875	C	T	0.07	0.01	2.4662E-11
rs79047713	T	C	0.19	0.02	2.4665E-11
rs139156629	T	C	0.32	0.04	2.4686E-11
rs537831597	C	T	0.15	0.02	2.4701E-11
rs540062027	G	T	0.17	0.02	2.4754E-11
rs115581849	C	A	0.14	0.02	2.4771E-11
rs116219550	T	C	0.14	0.02	2.4771E-11
rs191171924	T	A	0.14	0.02	2.4773E-11
rs377415020	T	C	0.14	0.02	2.4839E-11
rs143144209	A	G	0.21	0.03	2.4893E-11
rs150485981	T	C	0.14	0.02	2.4901E-11
rs146923662	A	C	0.14	0.02	2.4938E-11
4:63901528_A_G	G	A	0.08	0.01	2.4951E-11
rs142420302	A	G	0.14	0.02	2.4957E-11
rs72942198	G	A	0.19	0.02	2.4984E-11
rs139318094	C	T	0.14	0.02	2.5019E-11
rs143201672	T	C	0.14	0.02	2.5029E-11
rs184243894	A	T	0.2	0.03	2.513E-11
rs78753628	C	T	0.21	0.03	2.5172E-11
rs79230282	T	C	0.14	0.02	2.519E-11
rs138893690	T	C	0.07	0.01	2.5204E-11
rs186474047	G	A	0.17	0.02	2.5206E-11
rs372916560	T	C	0.12	0.01	2.5225E-11
rs78583006	T	C	0.08	0.01	2.5235E-11
rs140337263	C	T	0.14	0.02	2.5243E-11
rs74433296	C	G	0.14	0.02	2.5283E-11
rs76323840	G	A	0.14	0.02	2.5368E-11
rs114492342	G	C	0.07	0.01	2.5381E-11
rs141780641	A	G	0.14	0.02	2.5423E-11
rs1509057	G	A	-0.14	0.02	2.5446E-11
rs191987971	G	A	0.17	0.02	2.5446E-11
rs181669291	A	T	0.04	0.0071782	2.5453E-11
rs545084903	A	C	0.13	0.02	2.5519E-11
rs149435549	C	T	0.17	0.02	2.5572E-11
rs189888759	G	A	0.29	0.04	2.5591E-11
rs192459562	G	A	0.27	0.04	2.5657E-11
rs147971148	G	A	0.14	0.02	2.5702E-11
rs75797143	C	A	0.14	0.02	2.5724E-11
rs114907301	T	C	0.04	0.0074684	2.5725E-11

8:101318683_T_C	C	T	0.08	0.01	2.5735E-11
rs10079486	G	C	0.14	0.02	2.5829E-11
rs148717129	G	C	0.09	0.01	2.584E-11
rs149654267	G	C	0.14	0.02	2.5848E-11
rs542583390	T	G	0.15	0.02	2.5862E-11
rs148104963	A	G	0.14	0.02	2.5899E-11
rs147035911	G	C	0.14	0.02	2.5899E-11
rs146723728	G	A	0.14	0.02	2.5912E-11
rs114510067	G	C	0.14	0.02	2.593E-11
rs149532878	A	G	0.16	0.02	2.599E-11
rs10047166	G	T	0.07	0.01	2.6017E-11
rs185193280	G	C	0.34	0.05	2.6041E-11
rs183571703	T	C	0.14	0.02	2.6057E-11
rs115437511	C	T	0.14	0.02	2.6059E-11
rs115713471	G	C	0.14	0.02	2.6061E-11
rs545423801	G	A	0.19	0.02	2.6074E-11
rs538447758	G	A	0.14	0.02	2.608E-11
rs73155401	T	C	0.14	0.02	2.609E-11
rs371026284	C	T	0.14	0.02	2.6119E-11
rs562902589	T	C	0.14	0.02	2.6121E-11
rs147357270	G	C	0.14	0.02	2.6121E-11
rs78482111	C	G	0.14	0.02	2.6123E-11
rs372831069	T	A	0.12	0.01	2.6126E-11
rs116336545	A	G	0.14	0.02	2.6181E-11
rs77379037	A	G	0.07	0.01	2.6186E-11
rs114129314	A	G	0.07	0.01	2.6209E-11
rs77351910	C	T	0.07	0.01	2.621E-11
rs146491143	T	C	0.07	0.01	2.6228E-11
rs182803738	A	G	0.14	0.02	2.6285E-11
rs114759175	T	C	0.15	0.02	2.6457E-11
rs115784912	G	C	0.15	0.02	2.6463E-11
rs193013299	G	A	0.14	0.02	2.6496E-11
rs140727366	T	C	0.26	0.04	2.6516E-11
rs142846562	A	G	0.16	0.02	2.6535E-11
rs114018403	C	T	0.14	0.02	2.6539E-11
rs139438101	C	T	0.16	0.02	2.6579E-11
rs151206738	G	A	0.14	0.02	2.6589E-11
rs79455924	A	G	0.31	0.04	2.6604E-11
rs140644199	G	T	0.13	0.02	2.6641E-11
rs282730	G	A	-0.14	0.02	2.6657E-11
rs147034996	T	C	0.14	0.02	2.6683E-11
rs9851661	C	G	0.14	0.02	2.6704E-11
rs113496456	C	T	0.15	0.02	2.6725E-11
rs76326055	C	T	0.16	0.02	2.6742E-11
rs141028561	G	A	0.07	0.01	2.6807E-11
rs59621441	C	T	0.05	0.0078338	2.6808E-11
rs78605449	G	C	0.14	0.02	2.6814E-11
rs183955505	T	C	0.14	0.02	2.6842E-11
rs79908574	C	T	0.07	0.01	2.6853E-11
rs76157232	G	C	0.14	0.02	2.6912E-11
rs368322813	G	A	0.14	0.02	2.6923E-11
rs185669901	T	G	0.07	0.01	2.7041E-11
rs527476931	G	A	0.17	0.02	2.7085E-11
rs116429157	A	G	0.14	0.02	2.712E-11
rs77898712	G	A	0.14	0.02	2.7169E-11
rs544671443	T	C	0.14	0.02	2.7191E-11
rs115460329	T	A	0.14	0.02	2.7214E-11
rs146309441	C	T	0.19	0.02	2.7236E-11
rs113048343	A	G	0.14	0.02	2.7239E-11
rs777829981	T	G	0.02	0.004486	2.7244E-11
rs577570643	A	C	0.15	0.02	2.7252E-11

rs147762505	C	A	0.15	0.02	2.7263E-11
rs113249925	T	C	0.15	0.02	2.7263E-11
rs79262622	G	A	0.19	0.02	2.7327E-11
rs146750150	T	C	0.14	0.02	2.7351E-11
rs112967970	G	A	0.07	0.01	2.7392E-11
rs138367232	A	G	0.14	0.02	2.7393E-11
rs114506723	C	T	0.05	0.0080468	2.7402E-11
rs142674182	C	T	0.14	0.02	2.7422E-11
rs77535673	G	A	0.29	0.04	2.7458E-11
rs113952305	C	T	0.15	0.02	2.7485E-11
rs76303539	G	A	0.12	0.01	2.7519E-11
rs150491166	C	T	0.17	0.02	2.7532E-11
rs112565621	C	T	0.14	0.02	2.7542E-11
rs282741	C	T	-0.14	0.02	2.7543E-11
rs282731	C	G	-0.14	0.02	2.7564E-11
rs187105348	G	A	0.15	0.02	2.7574E-11
rs282738	A	C	-0.14	0.02	2.7629E-11
rs551448564	C	T	0.13	0.02	2.7636E-11
rs149645205	T	G	0.06	0.01	2.766E-11
rs7769688	C	T	0.28	0.04	2.7713E-11
rs189343742	A	G	0.17	0.02	2.7715E-11
rs528796579	T	C	0.14	0.02	2.7774E-11
rs146845866	A	C	0.1	0.01	2.7817E-11
rs147166920	C	T	0.14	0.02	2.7833E-11
rs58245243	A	G	0.05	0.0079257	2.7835E-11
rs186431056	C	T	0.58	0.08	2.7877E-11
rs79268359	A	T	0.04	0.0074313	2.7905E-11
rs58040067	G	T	0.35	0.05	2.7905E-11
rs542210972	G	A	0.14	0.02	2.7923E-11
rs76435327	G	C	0.14	0.02	2.7924E-11
rs145445173	G	T	0.14	0.02	2.7925E-11
rs111852449	A	G	0.03	0.0049748	2.7939E-11
rs139003955	C	T	0.14	0.02	2.7968E-11
rs138320635	T	A	0.14	0.02	2.7991E-11
rs138566125	C	T	0.15	0.02	2.8003E-11
rs142151451	T	C	0.15	0.02	2.8003E-11
rs143324486	C	T	0.14	0.02	2.8014E-11
rs78339873	G	C	0.14	0.02	2.804E-11
rs189446108	A	G	0.14	0.02	2.8085E-11
rs2304291	T	C	0.16	0.02	2.8093E-11
rs140964019	C	G	0.07	0.01	2.8103E-11
rs116102243	T	C	0.12	0.01	2.8107E-11
rs116986207	A	G	0.14	0.02	2.8144E-11
rs55677357	A	C	0.14	0.02	2.8157E-11
rs7460668	C	G	0.14	0.02	2.8163E-11
rs186808319	G	C	0.06	0.01	2.8207E-11
rs563832808	A	G	0.14	0.02	2.8219E-11
rs144506702	A	G	1.55	0.23	2.8232E-11
rs140114369	G	A	0.14	0.02	2.8233E-11
rs78909423	C	T	0.14	0.02	2.827E-11
rs190801741	A	G	0.14	0.02	2.8288E-11
rs73049458	G	A	0.05	0.0078266	2.8291E-11
rs549383829	C	T	0.15	0.02	2.8301E-11
rs538813996	C	T	0.11	0.01	2.8303E-11
rs377193093	G	A	0.14	0.02	2.8352E-11
rs149071223	A	C	0.04	0.0074445	2.8356E-11
rs115094757	G	A	0.14	0.02	2.8367E-11
rs150084747	A	G	0.13	0.02	2.8422E-11
rs188355985	C	T	0.14	0.02	2.8443E-11
rs557380531	C	A	0.14	0.02	2.8479E-11
rs144691234	C	T	0.14	0.02	2.8532E-11

rs149662389	A	C	0.07	0.01	2.8564E-11
rs868136171	T	C	0.07	0.01	2.8677E-11
rs145851236	T	G	0.12	0.01	2.8694E-11
rs78404180	A	G	0.14	0.02	2.8709E-11
rs116138720	C	T	0.14	0.02	2.875E-11
rs145673206	C	A	0.14	0.02	2.8772E-11
rs79963385	A	C	0.25	0.03	2.8821E-11
rs376387102	G	A	0.14	0.02	2.8834E-11
rs115784159	T	C	0.08	0.01	2.8858E-11
rs73038891	T	C	0.05	0.0078387	2.8916E-11
rs151220200	T	C	0.14	0.02	2.892E-11
rs77233083	G	A	0.03	0.0057388	2.8943E-11
rs138786272	T	C	0.17	0.02	2.8962E-11
rs141729431	T	A	0.25	0.03	2.9E-11
rs558102496	A	G	0.04	0.0063103	2.9013E-11
rs79235569	C	G	0.22	0.03	2.9024E-11
rs186389794	G	T	0.14	0.02	2.903E-11
rs575228356	A	G	0.03	0.005629	2.9034E-11
rs148515312	A	C	0.12	0.01	2.9042E-11
5:75296896_G_A	A	G	0.07	0.01	2.9096E-11
rs78173923	A	G	0.15	0.02	2.9153E-11
rs150845045	T	C	0.75	0.11	2.9172E-11
rs141386035	A	G	0.16	0.02	2.9214E-11
rs116341676	C	G	0.14	0.02	2.922E-11
rs558810223	A	G	0.14	0.02	2.9232E-11
rs375433123	G	T	0.14	0.02	2.9257E-11
rs139224196	T	C	0.14	0.02	2.9259E-11
rs528832345	A	G	0.14	0.02	2.9285E-11
rs758145284	A	C	0.02	0.0033002	2.9307E-11
rs560131742	T	C	0.13	0.01	2.9337E-11
rs78519786	A	G	0.15	0.02	2.9346E-11
rs9866372	T	C	0.14	0.02	2.9377E-11
rs151213705	C	T	0.35	0.05	2.9378E-11
rs77443305	C	T	0.14	0.02	2.9381E-11
rs182646462	T	C	0.14	0.02	2.9387E-11
rs375976208	T	A	0.12	0.01	2.9388E-11
rs115335126	G	A	0.23	0.03	2.9406E-11
rs114755769	C	T	0.14	0.02	2.9427E-11
rs563176884	T	C	0.13	0.02	2.9448E-11
rs60348646	T	G	0.09	0.01	2.9484E-11
rs544305113	A	G	0.33	0.05	2.9503E-11
rs564627363	A	C	0.18	0.02	2.9508E-11
rs75662197	C	G	0.07	0.01	2.9541E-11
rs115717465	A	T	0.16	0.02	2.9554E-11
rs74984854	A	G	0.07	0.01	2.9566E-11
rs368960438	G	T	0.14	0.02	2.9603E-11
rs534626135	T	C	0.16	0.02	2.9603E-11
rs571409566	G	A	0.16	0.02	2.9603E-11
rs10040701	G	A	0.14	0.02	2.9604E-11
rs144720476	T	C	0.08	0.01	2.969E-11
rs114489318	G	C	0.14	0.02	2.9691E-11
rs10248179	T	C	0.31	0.04	2.9734E-11
rs73854402	G	C	0.14	0.02	2.9748E-11
rs78431146	A	G	0.07	0.01	2.9813E-11
rs146360534	A	T	0.14	0.02	2.982E-11
rs145960474	A	C	0.14	0.02	2.9823E-11
rs9502743	T	C	0.14	0.02	2.9832E-11
rs558384264	A	G	0.14	0.02	2.9871E-11
rs138875177	G	A	0.22	0.03	2.9882E-11
rs10209264	A	G	0.14	0.02	2.9947E-11
rs116331210	A	G	0.14	0.02	2.9947E-11

rs78454384	T	C	0.13	0.02	3.0015E-11
rs114011322	G	C	0.14	0.02	3.0021E-11
rs142608092	G	A	0.14	0.02	3.0025E-11
rs145618976	G	A	0.14	0.02	3.0038E-11
rs548223655	A	C	0.14	0.02	3.0041E-11
rs59919574	G	C	0.14	0.02	3.0062E-11
rs77799985	C	A	0.07	0.01	3.0068E-11
rs116215171	C	A	0.14	0.02	3.0077E-11
rs141684758	C	A	0.33	0.04	3.0077E-11
rs17086683	A	C	0.07	0.01	3.0112E-11
rs75156819	T	C	0.07	0.01	3.015E-11
rs115511697	A	G	0.11	0.01	3.0154E-11
rs565671976	T	C	0.14	0.02	3.0162E-11
rs146303331	T	C	0.14	0.02	3.0178E-11
rs144373106	A	G	0.14	0.02	3.0184E-11
rs115790224	T	G	0.14	0.02	3.0206E-11
rs76602177	A	G	0.07	0.01	3.0222E-11
rs115662248	A	C	0.16	0.02	3.0224E-11
rs559024812	A	G	0.14	0.02	3.0234E-11
rs76713157	G	T	0.07	0.01	3.0274E-11
rs144875645	T	C	0.07	0.01	3.0279E-11
rs80139113	G	A	0.14	0.02	3.0282E-11
rs115802657	A	G	0.14	0.02	3.0289E-11
rs10197565	A	G	0.13	0.02	3.0302E-11
rs73825050	C	T	0.16	0.02	3.0356E-11
rs149339143	A	G	0.37	0.05	3.0419E-11
rs138020453	T	C	0.14	0.02	3.0442E-11
rs111870257	T	A	0.21	0.03	3.0458E-11
rs114468883	T	C	0.14	0.02	3.0459E-11
rs151055206	C	T	0.07	0.01	3.0523E-11
rs111860441	G	T	0.14	0.02	3.0533E-11
rs148163033	G	A	0.07	0.01	3.054E-11
rs142734672	T	A	0.14	0.02	3.0542E-11
rs146082321	C	A	0.16	0.02	3.0554E-11
rs139833465	T	C	0.14	0.02	3.056E-11
rs73841406	C	A	0.14	0.02	3.0568E-11
rs577409110	C	A	0.14	0.02	3.0585E-11
rs139400518	C	A	0.14	0.02	3.0587E-11
rs146282791	A	C	0.14	0.02	3.0587E-11
rs115975840	A	G	0.07	0.01	3.0589E-11
rs7721309	G	A	0.14	0.02	3.0598E-11
rs183838387	C	G	0.14	0.02	3.0606E-11
rs116327832	T	C	0.2	0.03	3.063E-11
rs187079298	T	C	0.14	0.02	3.0681E-11
rs539623596	T	G	0.14	0.02	3.0681E-11
rs184179821	A	G	0.14	0.02	3.07E-11
rs573708624	A	C	0.18	0.02	3.0752E-11
rs184695016	T	C	0.14	0.02	3.0766E-11
rs116274475	C	T	0.14	0.02	3.0816E-11
rs574604537	A	G	0.08	0.01	3.0851E-11
rs563267482	G	A	0.02	0.0036253	3.0893E-11
rs77392218	A	G	0.14	0.02	3.0903E-11
rs185067514	A	C	0.14	0.02	3.0909E-11
rs184343145	A	C	0.14	0.02	3.0911E-11
rs192564245	T	C	0.12	0.01	3.0915E-11
rs552530377	T	C	12.25	1.84	3.0951E-11
rs16905593	G	T	0.14	0.02	3.103E-11
rs73379562	A	G	0.13	0.01	3.1054E-11
rs116384264	G	A	0.14	0.02	3.1096E-11
rs191182174	T	C	0.17	0.02	3.114E-11
rs376953080	G	T	0.08	0.01	3.1156E-11

rs116169838	T	C	0.14	0.02	3.1206E-11
rs181812155	T	C	0.07	0.01	3.1232E-11
rs148905888	G	A	0.14	0.02	3.1247E-11
rs190496172	A	C	0.14	0.02	3.1257E-11
rs116081867	G	A	0.14	0.02	3.127E-11
rs115852841	G	C	0.14	0.02	3.1275E-11
rs114160599	G	T	0.14	0.02	3.1299E-11
rs78605644	C	T	0.14	0.02	3.1313E-11
rs139801432	C	T	0.15	0.02	3.1383E-11
rs115911294	G	A	0.04	0.0071036	3.1415E-11
rs182754274	A	T	0.14	0.02	3.1418E-11
rs142409948	C	T	0.18	0.02	3.1434E-11
rs147694032	T	G	0.13	0.02	3.1437E-11
rs148862323	T	C	0.14	0.02	3.1522E-11
rs139146259	T	G	0.14	0.02	3.1554E-11
rs16880121	C	T	0.07	0.01	3.1607E-11
rs114583446	C	T	0.14	0.02	3.1646E-11
rs146380074	G	A	0.16	0.02	3.1674E-11
rs377275528	T	G	0.16	0.02	3.1674E-11
rs116934917	T	A	0.12	0.01	3.1696E-11
rs114394626	C	T	0.17	0.02	3.1723E-11
rs147188946	T	G	3.74	0.56	3.1724E-11
rs114352520	C	T	0.21	0.03	3.1738E-11
rs116049269	C	T	0.19	0.02	3.1739E-11
rs77139064	C	T	0.19	0.02	3.1739E-11
rs144377521	T	C	0.28	0.04	3.1742E-11
rs114592702	T	G	0.05	0.0078665	3.1798E-11
rs180780550	T	C	0.14	0.02	3.1798E-11
rs180992806	C	T	0.1	0.01	3.182E-11
rs115328657	T	C	0.2	0.03	3.1875E-11
rs558314551	T	A	0.14	0.02	3.1879E-11
rs114943817	C	A	0.19	0.02	3.1918E-11
rs367716971	A	G	0.13	0.02	3.1934E-11
rs531634677	T	C	0.45	0.06	3.1936E-11
rs142207936	T	C	0.14	0.02	3.1951E-11
rs562607256	G	A	0.05	0.0082882	3.1968E-11
rs10231426	C	G	0.14	0.02	3.1978E-11
rs73805341	G	T	0.14	0.02	3.2046E-11
rs74571536	T	A	0.14	0.02	3.2058E-11
rs533461283	A	C	0.15	0.02	3.2139E-11
rs76204489	T	C	0.14	0.02	3.2168E-11
rs116080185	T	C	0.14	0.02	3.2188E-11
rs143333414	T	C	0.29	0.04	3.2262E-11
rs768071239	C	T	0.04	0.0075147	3.2294E-11
rs191887587	G	C	0.14	0.02	3.2309E-11
rs116772090	A	G	0.07	0.01	3.24E-11
rs115130952	A	G	0.08	0.01	3.2409E-11
rs139557994	C	T	0.14	0.02	3.2513E-11
4:93923553_G_A	A	G	0.04	0.0061673	3.2536E-11
3:77163492_G_T	T	G	0.05	0.0078391	3.2538E-11
rs75113385	C	T	0.07	0.01	3.2543E-11
rs79950349	G	A	0.15	0.02	3.2561E-11
rs564895686	T	C	0.14	0.02	3.2585E-11
rs115776777	A	G	0.14	0.02	3.2615E-11
rs149564229	A	G	0.16	0.02	3.2644E-11
rs116571256	C	T	0.14	0.02	3.265E-11
rs113727371	T	C	0.17	0.02	3.2667E-11
rs528564129	T	C	0.02	0.0038562	3.2681E-11
rs543635540	T	C	0.17	0.02	3.2745E-11
rs138751343	T	C	0.21	0.03	3.2759E-11
rs188959494	G	T	0.14	0.02	3.2762E-11

rs115887799	G	T	0.07	0.01	3.277E-11
rs116410375	T	C	0.16	0.02	3.2792E-11
rs140552403	G	T	0.16	0.02	3.2792E-11
rs143691616	C	T	0.16	0.02	3.2792E-11
rs112986527	A	G	0.14	0.02	3.2804E-11
rs143866325	C	A	0.14	0.02	3.2806E-11
rs77124251	A	G	0.14	0.02	3.2854E-11
rs143615533	A	G	0.07	0.01	3.2867E-11
rs142791256	G	C	0.19	0.02	3.2869E-11
rs150305339	T	C	0.71	0.1	3.2884E-11
rs144894271	A	G	0.16	0.02	3.2913E-11
rs180702914	T	C	0.14	0.02	3.2941E-11
rs368711272	A	T	0.09	0.01	3.295E-11
rs75655685	G	A	0.15	0.02	3.2971E-11
rs143367072	C	A	0.28	0.04	3.2979E-11
rs138497372	A	G	0.16	0.02	3.3061E-11
rs12260187	T	C	0.14	0.02	3.3065E-11
rs193108381	A	G	0.19	0.02	3.3109E-11
rs533098276	T	A	0.05	0.0075394	3.3196E-11
rs76122229	A	C	0.07	0.01	3.3216E-11
rs185745506	G	C	0.38	0.05	3.3217E-11
rs188601629	G	A	0.14	0.02	3.3234E-11
rs60828244	A	G	0.14	0.02	3.3275E-11
rs139600611	T	C	0.08	0.01	3.3336E-11
rs143693397	A	G	0.14	0.02	3.3343E-11
rs541777344	C	T	0.42	0.06	3.3356E-11
rs111989117	T	C	0.29	0.04	3.336E-11
rs73940408	C	T	0.14	0.02	3.3457E-11
rs147016838	A	T	0.14	0.02	3.3473E-11
rs78643966	T	G	0.14	0.02	3.3506E-11
rs79914126	G	T	0.14	0.02	3.3508E-11
rs138576817	A	G	0.14	0.02	3.3513E-11
rs116278818	T	C	0.14	0.02	3.3526E-11
rs75923798	C	T	0.14	0.02	3.3549E-11
rs147789824	A	T	0.08	0.01	3.3555E-11
rs113002129	T	C	0.06	0.01	3.362E-11
rs531453830	A	G	1.2	0.18	3.3635E-11
rs116637152	C	T	0.2	0.03	3.3667E-11
rs78647580	A	G	0.14	0.02	3.3676E-11
rs146780563	T	C	0.07	0.01	3.3705E-11
rs148075073	T	C	0.07	0.01	3.377E-11
rs79173135	G	A	0.07	0.01	3.3807E-11
rs143898783	G	A	0.17	0.02	3.3826E-11
rs551172418	C	G	0.14	0.02	3.3856E-11
rs776900389	G	C	0.02	0.0043112	3.3907E-11
rs116213181	G	A	0.23	0.03	3.391E-11
rs113656562	G	A	0.07	0.01	3.3958E-11
rs148745995	A	G	0.15	0.02	3.398E-11
rs150262691	G	A	0.14	0.02	3.3983E-11
rs369009287	G	A	0.22	0.03	3.3997E-11
rs190247486	G	T	1.68	0.25	3.4018E-11
rs539150373	T	C	0.06	0.01	3.405E-11
rs140939010	T	C	0.07	0.01	3.4058E-11
rs76573007	A	G	0.14	0.02	3.4094E-11
rs561572766	T	A	0.01	0.0030123	3.4119E-11
rs547458796	A	G	0.24	0.03	3.4145E-11
rs146768615	G	C	0.15	0.02	3.4146E-11
rs140367240	C	T	0.15	0.02	3.4148E-11
rs144845151	G	A	0.13	0.02	3.4163E-11
rs143592816	C	T	0.13	0.02	3.4186E-11
rs146548339	G	C	0.15	0.02	3.4197E-11



rs540727904	C	T	0.14	0.02	3.4233E-11
rs146850077	A	G	0.14	0.02	3.4302E-11
rs115491661	G	C	0.14	0.02	3.4344E-11
rs142972688	T	C	0.14	0.02	3.4354E-11
rs17011135	T	G	0.14	0.02	3.4369E-11
rs138846466	T	G	0.2	0.03	3.444E-11
rs74451675	G	A	0.14	0.02	3.4489E-11
rs76205549	G	A	0.13	0.02	3.4496E-11
rs6954363	T	G	0.1	0.01	3.4506E-11
rs528793777	T	G	0.14	0.02	3.4512E-11
rs183290833	G	A	0.12	0.01	3.4539E-11
rs146118664	A	G	0.14	0.02	3.4546E-11
rs192872406	C	A	0.04	0.0060641	3.4548E-11
rs114156993	G	A	0.14	0.02	3.4552E-11
rs116851508	A	G	0.07	0.01	3.456E-11
rs142087249	G	A	0.17	0.02	3.4571E-11
rs571349279	G	A	0.42	0.06	3.4578E-11
rs149651433	G	A	0.15	0.02	3.4592E-11
rs143506071	T	C	0.05	0.0084423	3.4631E-11
rs73328535	A	G	0.08	0.01	3.4664E-11
rs535848415	T	C	0.14	0.02	3.4666E-11
rs74553829	C	T	0.14	0.02	3.4681E-11
rs191702638	A	G	0.07	0.01	3.469E-11
rs551012808	C	T	0.14	0.02	3.4707E-11
rs112855976	A	G	0.14	0.02	3.472E-11
rs145107128	C	T	0.12	0.01	3.4738E-11
rs76112113	G	T	0.1	0.01	3.4754E-11
rs550622139	C	T	0.08	0.01	3.4774E-11
rs147486878	C	A	0.14	0.02	3.4858E-11
rs142862944	T	C	0.14	0.02	3.4941E-11
rs145890921	C	T	0.14	0.02	3.4943E-11
rs78880328	A	C	0.14	0.02	3.4965E-11
rs73694480	G	A	0.14	0.02	3.5005E-11
rs145025535	A	T	0.14	0.02	3.5053E-11
rs148732855	T	C	0.08	0.01	3.5054E-11
rs144980490	T	C	0.13	0.01	3.5084E-11
rs73538936	A	G	0.16	0.02	3.5125E-11
rs114141980	A	G	0.14	0.02	3.5129E-11
rs574605034	C	T	0.42	0.06	3.5154E-11
rs536365717	C	T	0.14	0.02	3.5154E-11
rs116298489	A	G	0.04	0.007474	3.5179E-11
rs575602369	G	C	0.14	0.02	3.5196E-11
rs113102184	C	G	0.16	0.02	3.5212E-11
rs116639044	G	T	0.21	0.03	3.5229E-11
rs563063984	A	G	0.07	0.01	3.5276E-11
rs115074563	G	A	0.18	0.02	3.5297E-11
rs113886129	G	A	0.13	0.02	3.5303E-11
rs569130084	C	T	0.14	0.02	3.5305E-11
rs375071710	A	G	0.16	0.02	3.5323E-11
rs34360302	G	C	0.14	0.02	3.537E-11
rs9324852	T	C	0.14	0.02	3.5377E-11
rs188336211	T	C	0.08	0.01	3.5388E-11
rs543278937	A	G	0.08	0.01	3.5435E-11
rs191606904	A	G	0.14	0.02	3.5477E-11
rs73841417	A	G	0.14	0.02	3.5498E-11
rs114402884	A	G	0.12	0.01	3.5521E-11
rs115420172	G	A	0.07	0.01	3.5595E-11
rs181114964	G	A	0.11	0.01	3.5676E-11
rs140719387	G	C	0.15	0.02	3.5713E-11
rs148819149	T	G	0.17	0.02	3.5733E-11
rs114867313	T	C	0.14	0.02	3.5736E-11

rs73841415	A	G	0.14	0.02	3.5771E-11
rs73841416	T	G	0.14	0.02	3.585E-11
rs150023817	C	T	0.14	0.02	3.5884E-11
rs57640071	G	A	0.13	0.02	3.5886E-11
rs552709979	A	C	0.13	0.02	3.5895E-11
rs147793995	C	T	0.14	0.02	3.5899E-11
rs139511005	G	T	0.14	0.02	3.5937E-11
rs183795138	A	G	0.3	0.04	3.5978E-11
rs146008679	A	G	0.04	0.0074155	3.5996E-11
rs146329335	G	A	0.17	0.02	3.6022E-11
rs75451716	A	G	0.2	0.03	3.6024E-11
rs16915195	A	C	0.05	0.0085902	3.6089E-11
rs758120074	G	A	0.05	0.0081715	3.6123E-11
rs111589946	T	G	0.19	0.02	3.6138E-11
rs76195457	G	A	0.14	0.02	3.6148E-11
rs548044742	T	C	0.27	0.04	3.616E-11
rs564895716	T	C	0.08	0.01	3.6216E-11
rs548618978	G	C	0.15	0.02	3.6241E-11
rs114646292	A	G	0.14	0.02	3.6292E-11
rs150860577	A	G	0.14	0.02	3.6366E-11
rs113692987	T	A	0.04	0.0074663	3.6414E-11
rs190036024	G	C	0.54	0.08	3.6416E-11
rs76460133	G	A	0.05	0.0076517	3.6426E-11
rs182396175	A	G	0.17	0.02	3.6438E-11
rs548690020	A	G	0.07	0.01	3.6449E-11
rs144272696	T	C	0.14	0.02	3.6543E-11
rs554309899	T	C	0.2	0.03	3.6569E-11
rs75253392	T	C	0.14	0.02	3.6582E-11
rs75436308	C	T	0.26	0.04	3.6642E-11
rs77562144	A	C	0.14	0.02	3.6758E-11
rs145822902	C	G	0.15	0.02	3.6803E-11
rs145546877	G	A	0.03	0.0056851	3.6841E-11
rs144591478	A	G	0.14	0.02	3.6855E-11
rs111353884	C	G	0.03	0.0058243	3.6867E-11
rs112120722	T	G	0.14	0.02	3.6871E-11
rs569094118	G	A	0.14	0.02	3.6887E-11
rs113509110	T	C	0.14	0.02	3.6932E-11
rs572186670	C	G	0.04	0.0071728	3.697E-11
rs144763729	T	C	0.14	0.02	3.6973E-11
rs115138510	T	C	0.06	0.0092941	3.6975E-11
rs78828072	G	A	0.14	0.02	3.7023E-11
rs116434610	G	A	0.07	0.01	3.7052E-11
rs567018631	G	A	0.14	0.02	3.7068E-11
rs114533737	C	G	0.11	0.01	3.7073E-11
rs79408272	G	C	0.04	0.0074611	3.7078E-11
rs148857197	G	A	0.17	0.02	3.7089E-11
rs73803483	G	A	0.14	0.02	3.7122E-11
rs191645958	T	C	0.07	0.01	3.7192E-11
rs544202801	T	G	0.15	0.02	3.7227E-11
rs143401187	A	G	0.14	0.02	3.7252E-11
rs542686538	A	C	0.04	0.0064023	3.728E-11
rs545944640	C	T	0.14	0.02	3.7283E-11
rs141663524	G	A	0.14	0.02	3.7322E-11
rs760944748	C	A	0.04	0.0073077	3.7345E-11
rs531681050	G	A	0.14	0.02	3.7361E-11
rs185516525	A	G	0.16	0.02	3.7368E-11
rs187836447	A	C	0.14	0.02	3.7402E-11
rs78234525	A	C	0.14	0.02	3.7474E-11
rs77614029	G	A	0.15	0.02	3.7475E-11
rs75562365	A	G	0.05	0.0082838	3.754E-11
rs117894761	T	A	0.14	0.02	3.7582E-11

rs190084558	G	A	0.22	0.03	3.7597E-11
rs138883885	A	G	0.18	0.02	3.7658E-11
rs376960628	T	C	0.25	0.03	3.7682E-11
rs544294782	G	T	0.16	0.02	3.7716E-11
rs538932064	C	A	0.14	0.02	3.775E-11
rs114170377	G	A	0.17	0.02	3.7798E-11
rs12269456	T	A	0.14	0.02	3.7805E-11
rs12261805	A	C	0.14	0.02	3.7815E-11
rs148337299	C	A	0.07	0.01	3.7818E-11
rs573000173	A	T	0.14	0.02	3.788E-11
rs78798462	T	G	0.2	0.03	3.7883E-11
rs75843181	C	T	0.11	0.01	3.7887E-11
rs193165986	A	C	0.14	0.02	3.7913E-11
rs149428875	A	G	0.52	0.07	3.7921E-11
rs75763702	A	G	0.14	0.02	3.7946E-11
rs114197186	A	T	0.14	0.02	3.7957E-11
rs191645596	A	G	0.14	0.02	3.8038E-11
rs149145024	C	G	1.09	0.16	3.8041E-11
rs570526909	C	T	0.13	0.02	3.8067E-11
rs142808301	C	G	0.14	0.02	3.8098E-11
rs185336936	T	C	0.23	0.03	3.8098E-11
rs140084197	G	A	0.14	0.02	3.8109E-11
rs547153334	A	G	0.14	0.02	3.8168E-11
rs374442435	G	A	0.14	0.02	3.8207E-11
rs183883918	T	C	0.26	0.04	3.8248E-11
rs147184580	A	G	0.27	0.04	3.8251E-11
rs143992721	C	G	0.14	0.02	3.8255E-11
rs546374686	T	C	0.14	0.02	3.8262E-11
rs199776539	A	G	0.04	0.0060775	3.8268E-11
rs143642833	C	T	0.18	0.02	3.8297E-11
rs550249637	G	A	0.47	0.07	3.8304E-11
rs116133906	G	A	0.21	0.03	3.8307E-11
rs9759867	T	C	0.14	0.02	3.8365E-11
rs574205096	C	T	0.14	0.02	3.8388E-11
rs185031297	T	C	0.14	0.02	3.8452E-11
rs115716503	C	T	0.18	0.02	3.8458E-11
rs187544872	C	T	0.06	0.0091262	3.8465E-11
rs148220655	C	A	0.17	0.02	3.847E-11
rs28663625	A	G	0.1	0.01	3.8568E-11
rs116242027	T	C	0.07	0.01	3.8684E-11
rs116802732	A	G	0.14	0.02	3.8851E-11
rs74462149	A	C	0.13	0.02	3.8859E-11
rs180685071	T	G	0.14	0.02	3.8867E-11
rs185399842	C	T	0.14	0.02	3.8867E-11
rs116163167	C	G	0.07	0.01	3.8908E-11
rs60119278	G	A	0.14	0.02	3.8911E-11
rs141576746	T	A	0.14	0.02	3.8929E-11
rs74329451	T	A	0.04	0.0075399	3.8976E-11
rs183467682	A	C	0.21	0.03	3.9004E-11
rs116533169	A	G	0.15	0.02	3.9024E-11
rs192923376	G	A	0.07	0.01	3.9028E-11
rs148376936	C	T	0.13	0.02	3.9109E-11
rs7770664	A	G	0.14	0.02	3.9124E-11
rs543324924	T	C	0.04	0.0070356	3.9144E-11
rs188925692	A	C	0.13	0.02	3.9196E-11
rs150177760	T	G	0.13	0.01	3.9207E-11
rs557275694	C	T	0.14	0.02	3.9235E-11
rs116361813	G	A	0.13	0.02	3.9281E-11
rs144404730	G	A	0.15	0.02	3.9299E-11
rs73684687	C	T	0.07	0.01	3.9317E-11
rs370364137	T	C	0.07	0.01	3.942E-11

rs569837821	A	G	0.4	0.06	3.9431E-11
rs181856780	T	C	0.12	0.01	3.9433E-11
rs72960223	C	T	0.14	0.02	3.9438E-11
rs111457195	A	G	0.14	0.02	3.9455E-11
rs145905558	G	A	0.15	0.02	3.9477E-11
rs146967458	A	G	0.14	0.02	3.9493E-11
rs567628455	A	C	0.07	0.01	3.9543E-11
rs144522491	T	C	0.14	0.02	3.958E-11
rs12248927	A	G	0.14	0.02	3.9619E-11
rs115818762	T	C	0.07	0.01	3.9637E-11
rs529541263	A	T	0.56	0.08	3.967E-11
rs144265881	A	T	0.14	0.02	3.9769E-11
rs117579861	T	C	0.14	0.02	3.9884E-11
rs527763000	A	C	0.14	0.02	3.9893E-11
rs114222718	T	G	0.07	0.01	3.9968E-11
rs143771904	T	G	0.08	0.01	4.001E-11
rs17046450	C	T	0.27	0.04	4.0014E-11
rs56990773	T	G	0.14	0.02	4.0032E-11
rs528026195	C	A	0.15	0.02	4.0057E-11
rs188829630	G	T	0.14	0.02	4.0104E-11
rs77242088	C	T	0.14	0.02	4.0161E-11
rs116443098	C	G	0.2	0.03	4.0196E-11
rs187272351	G	T	0.13	0.02	4.0196E-11
rs59630776	T	G	0.07	0.01	4.0229E-11
rs554502468	T	C	0.03	0.0050273	4.0292E-11
rs141598578	T	C	0.14	0.02	4.0315E-11
rs372816402	C	T	0.17	0.02	4.0348E-11
rs182092438	A	G	0.13	0.02	4.0356E-11
rs139539677	T	A	0.14	0.02	4.036E-11
rs113944351	A	G	0.15	0.02	4.0419E-11
rs73708567	G	A	0.04	0.007452	4.0439E-11
rs116329311	T	C	0.14	0.02	4.045E-11
rs145463679	A	G	0.05	0.0077275	4.0465E-11
rs77550509	A	G	0.14	0.02	4.0467E-11
rs116068046	T	C	0.11	0.01	4.0493E-11
rs376523524	A	C	0.14	0.02	4.0493E-11
rs113266505	G	T	0.14	0.02	4.0606E-11
rs759578221	A	T	0.04	0.006124	4.0704E-11
rs534366535	A	G	0.82	0.12	4.0744E-11
rs146584945	T	C	0.09	0.01	4.0767E-11
rs112680515	G	A	0.14	0.02	4.0822E-11
rs145468751	T	G	0.16	0.02	4.085E-11
rs182637875	G	A	0.14	0.02	4.1007E-11
rs144465890	G	A	0.14	0.02	4.1061E-11
rs138467614	A	G	0.2	0.03	4.107E-11
rs116653432	G	A	0.2	0.03	4.1088E-11
rs7764863	A	G	0.14	0.02	4.1123E-11
rs370964682	T	C	0.14	0.02	4.1132E-11
rs774767	C	T	-0.03	0.0053611	4.1165E-11
rs17253559	A	T	0.14	0.02	4.1241E-11
rs139376745	G	A	0.14	0.02	4.1242E-11
rs77705556	G	C	0.14	0.02	4.1312E-11
rs16847076	A	G	0.14	0.02	4.1315E-11
rs756107253	T	C	0.03	0.0048074	4.1337E-11
rs114301957	G	A	0.16	0.02	4.1381E-11
rs554217548	C	T	0.12	0.01	4.1385E-11
rs79833528	C	T	0.14	0.02	4.1433E-11
rs147006809	G	C	0.1	0.01	4.1447E-11
2:183835691_T_C	C	T	0.02	0.0036961	4.1493E-11
rs565336714	G	T	0.13	0.02	4.1564E-11
rs116715936	C	T	0.07	0.01	4.1581E-11

rs183503042	G	A	0.14	0.02	4.1624E-11
rs115613785	G	A	0.14	0.02	4.1648E-11
rs113986995	C	T	0.24	0.03	4.1657E-11
rs116169035	G	A	0.14	0.02	4.1692E-11
rs544803146	A	G	0.06	0.01	4.1726E-11
rs113016560	G	A	0.13	0.02	4.1737E-11
rs113463948	A	C	0.03	0.0058241	4.1838E-11
rs189596191	G	T	0.05	0.0079045	4.1906E-11
rs78547931	A	G	0.14	0.02	4.1943E-11
rs10059309	C	T	0.14	0.02	4.1945E-11
rs76121626	C	T	0.14	0.02	4.1984E-11
rs115901309	A	G	0.14	0.02	4.1988E-11
rs553712174	T	C	0.04	0.0073634	4.2052E-11
rs114542164	A	G	0.14	0.02	4.2105E-11
rs560424435	T	C	0.07	0.01	4.2112E-11
rs185054407	A	G	0.14	0.02	4.2166E-11
rs140504073	T	A	0.17	0.02	4.2171E-11
rs148703363	G	C	0.14	0.02	4.2183E-11
rs144869893	C	G	0.14	0.02	4.2239E-11
rs116740575	G	C	0.14	0.02	4.2258E-11
rs73695791	G	A	0.14	0.02	4.2286E-11
rs4095451	T	C	0.14	0.02	4.2295E-11
rs146983407	G	C	0.1	0.01	4.2325E-11
rs146732840	G	A	0.15	0.02	4.2335E-11
rs113869521	T	C	0.14	0.02	4.2366E-11
rs116310043	C	A	0.11	0.01	4.2387E-11
rs140852433	A	G	0.19	0.02	4.2419E-11
rs182585347	T	C	0.1	0.01	4.2424E-11
rs562106947	A	G	0.14	0.02	4.2464E-11
rs73044304	A	G	0.14	0.02	4.2466E-11
rs541717661	C	G	0.21	0.03	4.2481E-11
rs181530219	T	C	0.14	0.02	4.2489E-11
rs145151255	T	C	0.07	0.01	4.2498E-11
rs549645137	G	T	0.13	0.02	4.2621E-11
rs115665335	G	T	0.18	0.02	4.2658E-11
rs115564265	G	A	0.07	0.01	4.2709E-11
rs74584064	G	C	0.14	0.02	4.2721E-11
rs11963481	G	A	0.06	0.01	4.277E-11
rs79738530	A	G	0.1	0.01	4.2923E-11
rs77764564	G	A	0.07	0.01	4.2971E-11
rs16880112	C	G	0.07	0.01	4.3E-11
rs115010527	C	T	0.14	0.02	4.3029E-11
rs529111675	C	T	0.14	0.02	4.3036E-11
rs78072467	C	T	0.14	0.02	4.3171E-11
rs6918335	A	G	0.14	0.02	4.3184E-11
rs561250870	A	C	0.13	0.02	4.3232E-11
rs190363898	C	G	0.14	0.02	4.3251E-11
rs141452522	A	G	0.18	0.02	4.3253E-11
rs115720284	C	G	0.14	0.02	4.3254E-11
rs113850950	T	C	0.18	0.02	4.3263E-11
rs7821271	T	C	0.14	0.02	4.3333E-11
rs76028284	G	C	0.09	0.01	4.3333E-11
rs190438465	T	C	0.14	0.02	4.3383E-11
rs139196311	T	G	0.24	0.03	4.339E-11
rs532278209	C	T	0.13	0.02	4.3474E-11
rs116518367	G	A	0.14	0.02	4.3512E-11
rs555005235	A	G	0.41	0.06	4.353E-11
rs147457653	T	C	0.13	0.02	4.3551E-11
rs537969237	A	T	0.07	0.01	4.3556E-11
rs75479748	T	C	0.14	0.02	4.3603E-11
rs114991289	G	A	0.13	0.02	4.3609E-11

rs191445284	T	C	0.13	0.02	4.3671E-11
rs545010499	A	C	0.08	0.01	4.3685E-11
rs115864529	A	G	0.13	0.02	4.3693E-11
rs112918960	A	T	0.14	0.02	4.3702E-11
rs183737299	T	C	0.13	0.02	4.3705E-11
rs184234269	G	C	0.04	0.0064674	4.3722E-11
rs145500947	G	A	0.05	0.0076324	4.3744E-11
rs116565709	T	C	0.21	0.03	4.3774E-11
rs539555455	A	G	0.07	0.01	4.3856E-11
rs138158021	T	C	0.2	0.03	4.3926E-11
rs138255602	A	G	0.15	0.02	4.4055E-11
rs114095043	A	G	0.14	0.02	4.4091E-11
rs116092385	C	G	0.14	0.02	4.4112E-11
rs147864087	C	A	0.11	0.01	4.4135E-11
rs183219177	T	C	0.14	0.02	4.4135E-11
rs149746061	T	C	0.14	0.02	4.415E-11
rs190667132	G	A	1.52	0.23	4.4177E-11
rs58460016	T	G	0.05	0.0076094	4.4249E-11
rs148242519	A	G	0.14	0.02	4.4251E-11
rs79069391	T	C	0.13	0.02	4.4259E-11
rs147534961	C	G	0.14	0.02	4.4327E-11
rs538440923	G	A	0.14	0.02	4.4336E-11
rs143045630	C	T	0.14	0.02	4.4355E-11
rs75991806	G	A	0.06	0.01	4.4374E-11
rs116394606	C	T	0.14	0.02	4.4438E-11
rs192000013	C	T	0.1	0.01	4.4458E-11
rs116736268	G	C	0.14	0.02	4.4523E-11
rs6880288	C	T	0.14	0.02	4.4537E-11
rs148013558	G	A	0.14	0.02	4.4576E-11
rs145409980	C	T	0.13	0.02	4.4709E-11
rs146593317	C	G	0.14	0.02	4.4718E-11
rs140113055	A	G	0.24	0.03	4.474E-11
rs73421392	C	A	0.06	0.01	4.475E-11
rs114427332	A	C	0.14	0.02	4.4788E-11
rs113964592	T	G	0.13	0.02	4.4893E-11
rs538134361	G	A	0.2	0.03	4.4898E-11
rs116177759	G	A	0.07	0.01	4.4949E-11
rs569465194	C	T	0.08	0.01	4.5007E-11
rs78190572	G	A	0.23	0.03	4.5019E-11
rs114246914	C	G	0.14	0.02	4.5037E-11
rs114479174	A	C	0.14	0.02	4.508E-11
rs149324886	T	C	0.04	0.0072082	4.5102E-11
rs190941850	T	A	0.13	0.02	4.5146E-11
rs114703698	G	T	0.13	0.02	4.5235E-11
rs182177713	G	T	0.34	0.05	4.5258E-11
rs3007219	T	C	0.07	0.01	4.5278E-11
rs150146833	G	A	0.14	0.02	4.5296E-11
rs78232734	G	A	0.06	0.0095076	4.5299E-11
rs73365156	G	A	0.14	0.02	4.5301E-11
rs569465492	G	C	0.14	0.02	4.5316E-11
rs138346214	T	C	4.06	0.61	4.5345E-11
rs77545757	A	G	0.13	0.02	4.5408E-11
rs147931773	C	G	0.13	0.02	4.5436E-11
rs58631574	A	G	0.14	0.02	4.5444E-11
rs115875832	C	T	0.23	0.03	4.5455E-11
rs138814374	A	T	0.14	0.02	4.5467E-11
rs181274203	T	G	0.13	0.02	4.5476E-11
rs142753281	C	A	0.14	0.02	4.5504E-11
rs150767697	A	C	0.13	0.02	4.5513E-11
rs187910287	C	G	0.13	0.02	4.5534E-11
rs191376420	T	G	0.14	0.02	4.557E-11

rs142606279	T	G	0.12	0.01	4.5603E-11
rs113990710	C	A	0.05	0.0081804	4.5623E-11
rs529286112	A	C	0.36	0.05	4.5666E-11
rs114536266	A	G	0.14	0.02	4.5672E-11
rs76381401	A	G	0.14	0.02	4.5672E-11
rs192409628	G	A	0.12	0.01	4.5693E-11
rs139443631	C	T	0.17	0.02	4.5718E-11
rs77792740	A	G	0.16	0.02	4.5746E-11
rs143543235	G	C	0.13	0.02	4.582E-11
rs116351642	C	T	0.14	0.02	4.5879E-11
rs146522324	A	T	0.14	0.02	4.5915E-11
rs561883689	A	G	0.04	0.0075603	4.5931E-11
rs79008551	T	A	0.14	0.02	4.5937E-11
rs142443864	C	G	0.13	0.02	4.594E-11
rs182998351	G	A	0.14	0.02	4.621E-11
1:144525233_A_G	G	A	0.04	0.0062595	4.6223E-11
rs548747729	G	A	0.14	0.02	4.624E-11
rs148847004	G	A	0.06	0.01	4.6353E-11
rs77453120	G	A	0.18	0.02	4.6398E-11
rs187307755	C	A	0.18	0.02	4.6398E-11
rs114290045	T	C	0.18	0.02	4.6398E-11
rs147039429	T	G	0.14	0.02	4.6415E-11
rs535831400	T	C	0.14	0.02	4.6417E-11
rs73694311	T	C	0.13	0.02	4.6429E-11
rs114882225	T	A	0.11	0.01	4.644E-11
rs76674450	T	C	0.07	0.01	4.6508E-11
rs544046329	A	G	0.09	0.01	4.6524E-11
rs558006375	C	T	0.02	0.0030453	4.6583E-11
rs55922525	G	A	0.1	0.01	4.6584E-11
rs115212007	C	G	0.13	0.02	4.6601E-11
rs150807927	C	G	0.32	0.04	4.662E-11
rs78199777	T	C	0.08	0.01	4.6641E-11
rs149269857	T	C	0.13	0.02	4.6646E-11
rs115470525	C	T	0.14	0.02	4.666E-11
rs115849988	A	G	0.07	0.01	4.6687E-11
rs555665352	T	G	0.13	0.02	4.6769E-11
rs58318391	T	C	0.14	0.02	4.6793E-11
rs368830426	T	C	0.15	0.02	4.6817E-11
rs79449515	G	A	0.13	0.02	4.6828E-11
rs557820721	G	A	0.19	0.02	4.6887E-11
rs565695914	T	C	0.14	0.02	4.6926E-11
rs137944321	A	C	0.04	0.0075755	4.6929E-11
rs114578686	T	C	0.14	0.02	4.6979E-11
rs144646961	T	A	0.14	0.02	4.698E-11
rs568550283	T	G	0.14	0.02	4.6992E-11
rs114918538	G	A	0.14	0.02	4.6994E-11
rs140167577	A	G	0.13	0.02	4.6996E-11
rs114077647	T	C	0.14	0.02	4.7016E-11
rs184827672	T	G	0.31	0.04	4.7116E-11
rs144227091	A	G	0.13	0.02	4.7202E-11
rs191348576	C	G	0.13	0.02	4.7256E-11
rs113896640	A	T	0.14	0.02	4.7274E-11
rs551764181	T	C	0.04	0.0074676	4.7282E-11
rs139371174	C	T	0.17	0.02	4.7295E-11
rs143553975	T	C	0.12	0.01	4.7344E-11
rs150071844	T	G	0.25	0.03	4.7372E-11
rs9874165	A	G	0.17	0.02	4.7387E-11
rs143811306	G	A	0.21	0.03	4.7507E-11
rs150631860	G	A	0.14	0.02	4.7542E-11
rs142308302	T	G	0.14	0.02	4.755E-11
rs564645109	A	G	0.14	0.02	4.7596E-11

rs192057145	G	C	0.39	0.05	4.7635E-11
rs570964233	C	G	0.14	0.02	4.7641E-11
rs147355256	A	G	0.32	0.04	4.7642E-11
rs145991504	C	A	0.14	0.02	4.7674E-11
rs192081372	A	G	0.14	0.02	4.7674E-11
rs548308523	C	T	0.14	0.02	4.7694E-11
rs548466015	A	G	0.14	0.02	4.7748E-11
rs115164107	A	G	0.14	0.02	4.7775E-11
rs149564078	A	G	0.15	0.02	4.7779E-11
rs189504281	A	C	0.18	0.02	4.7858E-11
rs146436446	G	A	0.15	0.02	4.7863E-11
rs114815739	T	C	0.19	0.02	4.7888E-11
rs117799259	T	C	0.14	0.02	4.7903E-11
rs189869428	C	T	0.14	0.02	4.7913E-11
rs372450623	A	T	0.14	0.02	4.7922E-11
rs376907251	T	C	0.17	0.02	4.7929E-11
rs116174547	C	A	0.18	0.02	4.7999E-11
rs143516298	A	C	0.14	0.02	4.8011E-11
rs138011734	A	G	0.14	0.02	4.8018E-11
rs116180663	C	G	0.18	0.02	4.8071E-11
rs191165530	T	A	0.14	0.02	4.8102E-11
rs191130593	T	C	0.05	0.0082424	4.8146E-11
rs143737086	A	T	0.31	0.04	4.8168E-11
rs149329875	T	A	0.14	0.02	4.8207E-11
rs112165227	G	T	0.19	0.02	4.8239E-11
rs187704914	A	G	0.14	0.02	4.8242E-11
rs550529009	G	A	0.13	0.02	4.8246E-11
rs544320683	G	A	0.14	0.02	4.8263E-11
rs145771322	G	A	0.14	0.02	4.8317E-11
rs114203635	T	C	0.15	0.02	4.8319E-11
rs77966034	G	A	0.14	0.02	4.836E-11
rs147762224	G	A	0.18	0.02	4.8391E-11
rs142260335	T	C	0.14	0.02	4.841E-11
rs114891757	C	T	0.13	0.02	4.8449E-11
rs573764603	T	C	0.28	0.04	4.8467E-11
rs191907618	T	C	0.14	0.02	4.8538E-11
rs373955017	T	C	0.06	0.01	4.8579E-11
rs137899178	C	G	1.16	0.17	4.8594E-11
rs192289993	T	C	0.18	0.02	4.8598E-11
rs116663713	G	A	0.18	0.02	4.8598E-11
rs115641305	T	C	0.18	0.02	4.8598E-11
rs114660302	C	A	0.18	0.02	4.8598E-11
rs114502024	T	G	0.18	0.02	4.8598E-11
rs116386336	T	C	0.18	0.02	4.8598E-11
rs114524364	C	T	0.18	0.02	4.8598E-11
rs562042339	G	A	0.15	0.02	4.8636E-11
1:241061977_T_G	G	T	0.03	0.0060557	4.8655E-11
rs74686623	A	C	0.21	0.03	4.8674E-11
rs183790248	T	C	0.14	0.02	4.8704E-11
rs140202186	C	T	0.13	0.02	4.8794E-11
rs150053279	C	A	0.13	0.02	4.8794E-11
rs186644198	C	T	0.13	0.02	4.8794E-11
rs76021179	T	C	0.14	0.02	4.8813E-11
rs182040903	T	C	0.14	0.02	4.8835E-11
rs150636809	A	G	0.13	0.02	4.8837E-11
rs183353722	C	A	0.13	0.02	4.8837E-11
rs187845289	G	C	0.13	0.02	4.8837E-11
rs191485505	G	A	0.13	0.02	4.8837E-11
rs149264375	C	T	0.13	0.02	4.8844E-11
rs114429652	C	T	0.13	0.02	4.885E-11
rs116299547	T	C	0.13	0.02	4.885E-11



rs142063467	C	A	0.13	0.02	4.885E-11
rs78275026	T	G	0.13	0.02	4.885E-11
rs79640671	T	C	0.13	0.02	4.885E-11
rs74946623	A	C	0.13	0.02	4.8886E-11
rs61745555	T	C	0.14	0.02	4.8975E-11
rs75882468	C	T	0.13	0.02	4.8975E-11
rs115862624	A	G	0.13	0.02	4.8975E-11
rs75674307	T	C	0.13	0.02	4.8975E-11
rs58654171	T	A	0.07	0.01	4.9001E-11
rs116096691	G	A	0.13	0.02	4.9073E-11
rs115979755	C	T	0.13	0.02	4.9073E-11
rs80325318	C	A	0.14	0.02	4.9077E-11
rs189636794	G	A	0.14	0.02	4.9142E-11
rs555713895	A	G	0.03	0.0045834	4.9144E-11
rs548297152	T	C	0.14	0.02	4.9145E-11
rs561798450	G	T	0.14	0.02	4.9145E-11
rs75011864	C	G	0.14	0.02	4.9146E-11
rs114120783	T	A	0.14	0.02	4.9157E-11
rs192784098	T	C	0.14	0.02	4.9175E-11
rs76293961	C	A	0.07	0.01	4.9177E-11
rs77335588	A	C	0.18	0.02	4.9179E-11
rs114264300	A	C	0.14	0.02	4.9262E-11
rs77024391	G	A	0.13	0.02	4.93E-11
rs56671709	T	C	0.13	0.02	4.9302E-11
rs78733144	T	C	0.13	0.02	4.9305E-11
rs141017514	A	G	0.14	0.02	4.9371E-11
rs558972326	A	G	0.14	0.02	4.9393E-11
rs192889199	A	G	1.82	0.27	4.9411E-11
rs114147925	A	C	0.18	0.02	4.9415E-11
rs115030264	T	A	0.14	0.02	4.9429E-11
rs115415497	A	G	0.14	0.02	4.9432E-11
rs546744839	C	T	0.14	0.02	4.9464E-11
rs527544606	C	T	0.14	0.02	4.95E-11
rs552503070	T	G	0.14	0.02	4.9511E-11
rs76561662	T	C	0.13	0.02	4.9527E-11
rs147898172	T	G	0.14	0.02	4.9528E-11
rs9493751	A	C	0.07	0.01	4.9534E-11
rs587667884	T	C	0.04	0.0073828	4.9595E-11
rs75515608	G	A	0.13	0.02	4.9606E-11
rs142660414	C	A	0.13	0.02	4.9614E-11
rs142804913	T	G	0.13	0.02	4.9614E-11
rs150621870	G	A	0.13	0.02	4.9614E-11
rs114434961	G	C	0.07	0.01	4.9631E-11
rs192333159	T	A	0.16	0.02	4.9664E-11
rs140394542	T	C	0.14	0.02	4.9685E-11
rs74900342	T	G	0.14	0.02	4.9743E-11
rs144417871	G	A	0.13	0.02	4.9778E-11
rs150568598	A	G	0.13	0.02	4.9778E-11
rs147154168	C	T	0.14	0.02	4.9786E-11
rs572455787	A	G	0.14	0.02	4.9804E-11
rs10066176	G	A	0.14	0.02	4.9806E-11
rs143316091	C	T	0.13	0.02	4.9814E-11
rs148378552	T	C	0.13	0.02	4.9814E-11
rs149613014	G	T	0.13	0.02	4.9814E-11
rs74768064	G	A	0.14	0.02	4.9818E-11
rs143072870	A	G	0.13	0.02	4.9839E-11
rs145212695	G	C	0.13	0.02	4.9858E-11
rs186773902	G	C	0.13	0.02	4.9858E-11
rs188651538	G	A	0.13	0.02	4.9858E-11
rs75821962	T	C	0.05	0.0076169	4.9888E-11
rs529108611	A	G	0.04	0.0074806	4.9923E-11

rs549672206	C	T	0.13	0.02	4.9924E-11
rs114485410	G	C	0.13	0.02	4.9937E-11
rs115434894	A	G	0.13	0.02	4.9937E-11
rs77117686	A	T	0.13	0.02	4.9937E-11
rs114773673	G	T	0.18	0.02	5.0039E-11
rs77280664	G	A	0.18	0.02	5.0039E-11
rs138990787	G	A	0.27	0.04	5.0055E-11
rs562557533	C	T	0.13	0.02	5.0084E-11
rs151058376	C	T	0.1	0.01	5.0098E-11
rs72945303	A	G	0.2	0.03	5.0138E-11
rs73037705	A	G	0.14	0.02	5.0147E-11
rs115280897	C	G	0.18	0.02	5.0168E-11
rs114947429	A	C	0.18	0.02	5.0168E-11
rs113139548	A	G	0.14	0.02	5.0192E-11
rs56072602	T	A	0.14	0.02	5.0228E-11
rs115772637	G	A	0.18	0.02	5.0321E-11
rs78986260	A	G	0.14	0.02	5.0348E-11
rs79320683	C	T	0.13	0.02	5.038E-11
rs145484670	T	C	0.13	0.02	5.0383E-11
rs115502391	A	C	0.14	0.02	5.039E-11
rs150928545	A	G	0.14	0.02	5.039E-11
rs115731705	G	A	0.07	0.01	5.0405E-11
rs74672932	T	A	0.13	0.02	5.0414E-11
rs527626321	T	G	0.13	0.02	5.0425E-11
rs74392221	A	G	0.13	0.02	5.0427E-11
rs559964106	A	C	0.15	0.02	5.0438E-11
rs140143259	A	G	0.15	0.02	5.0444E-11
rs80138087	G	A	0.18	0.02	5.0446E-11
rs116020447	C	T	0.18	0.02	5.0446E-11
rs114759665	C	T	0.18	0.02	5.0446E-11
rs115032046	A	G	0.13	0.02	5.0457E-11
rs76651119	G	A	0.18	0.02	5.047E-11
rs116770676	A	G	0.18	0.02	5.047E-11
rs181844926	A	G	0.18	0.02	5.047E-11
rs115332580	C	A	0.18	0.02	5.047E-11
rs114763596	G	A	0.18	0.02	5.047E-11
rs114034040	T	C	0.18	0.02	5.047E-11
rs114312117	C	T	0.18	0.02	5.047E-11
rs116443896	G	T	0.18	0.02	5.047E-11
rs185148366	T	C	0.18	0.02	5.047E-11
rs180871688	G	A	0.18	0.02	5.047E-11
rs181829462	T	A	0.14	0.02	5.0538E-11
rs116521908	G	A	0.14	0.02	5.0542E-11
rs116663847	G	A	0.18	0.02	5.0547E-11
rs572467414	G	A	0.14	0.02	5.0548E-11
rs193238598	A	G	0.22	0.03	5.058E-11
rs184356686	G	A	0.2	0.03	5.0585E-11
rs115105234	T	C	0.18	0.02	5.0588E-11
rs117585550	G	A	0.11	0.01	5.0637E-11
rs77657749	A	C	0.18	0.02	5.0641E-11
rs116247311	G	A	0.18	0.02	5.0641E-11
rs76441407	T	C	0.13	0.02	5.0682E-11
rs78767120	G	A	0.13	0.02	5.0682E-11
rs10209459	A	G	0.07	0.01	5.0684E-11
rs116736459	G	T	0.18	0.02	5.0712E-11
rs114650457	G	A	0.18	0.02	5.0712E-11
rs77668654	G	A	0.13	0.02	5.0717E-11
rs78535284	A	G	0.13	0.02	5.0717E-11
rs138957250	T	C	0.13	0.02	5.073E-11
rs150328928	T	C	0.22	0.03	5.0741E-11
rs114654575	C	T	0.13	0.02	5.082E-11

rs192339263	G	A	0.35	0.05	5.0838E-11
rs116720695	A	G	0.14	0.02	5.0845E-11
rs776058687	T	C	0.03	0.0060512	5.085E-11
rs146945852	G	A	0.13	0.02	5.0903E-11
rs114115413	A	G	0.07	0.01	5.0936E-11
rs112827718	C	T	0.14	0.02	5.0936E-11
rs533698586	T	C	0.13	0.02	5.0936E-11
rs562744276	C	T	0.3	0.04	5.0944E-11
rs529858462	C	T	0.09	0.01	5.0973E-11
rs78997697	T	C	0.13	0.02	5.098E-11
rs80143210	A	G	0.13	0.02	5.098E-11
rs74629275	T	C	0.13	0.02	5.098E-11
rs76690957	A	G	0.13	0.02	5.1019E-11
rs78182472	C	T	0.13	0.02	5.1071E-11
rs184803004	T	C	0.12	0.01	5.1084E-11
rs191554176	A	G	0.14	0.02	5.1091E-11
rs149269972	A	G	0.13	0.02	5.1109E-11
rs76027258	A	G	0.14	0.02	5.1138E-11
rs76072296	G	A	0.17	0.02	5.1164E-11
rs150644001	G	C	0.14	0.02	5.1238E-11
rs149931889	T	A	0.13	0.02	5.1248E-11
rs116375929	T	G	0.14	0.02	5.1271E-11
rs376247987	T	C	0.2	0.03	5.1277E-11
2:173693614_T_C	C	T	0.03	0.0047292	5.1334E-11
rs115654087	T	C	0.18	0.02	5.1336E-11
rs116146567	A	T	0.18	0.02	5.1336E-11
rs114073105	G	A	0.18	0.02	5.1336E-11
rs114990175	A	T	0.18	0.02	5.1336E-11
rs114471073	C	T	0.13	0.02	5.1343E-11
rs137989827	T	C	0.13	0.02	5.1343E-11
rs140897597	G	A	0.13	0.02	5.1343E-11
rs141139030	C	T	0.13	0.02	5.1343E-11
rs141951832	T	C	0.13	0.02	5.1343E-11
rs189951024	C	T	0.13	0.02	5.1343E-11
rs144927744	C	T	0.13	0.02	5.1344E-11
rs186473757	G	A	0.13	0.02	5.1344E-11
rs142072994	A	C	0.13	0.02	5.1361E-11
rs141944890	A	T	0.13	0.02	5.1367E-11
rs150124874	C	T	0.13	0.02	5.1367E-11
rs150545436	T	C	0.15	0.02	5.1367E-11
rs61640411	G	A	0.14	0.02	5.1374E-11
rs145594903	C	T	0.14	0.02	5.1381E-11
rs144726210	A	G	0.13	0.02	5.1419E-11
rs555130458	C	T	0.15	0.02	5.1492E-11
rs77660349	T	C	0.13	0.02	5.1494E-11
rs141046176	G	A	0.12	0.01	5.1504E-11
rs79339535	C	T	0.13	0.02	5.154E-11
rs114642552	G	A	0.13	0.02	5.154E-11
rs114525287	A	G	0.14	0.02	5.1543E-11
rs143289629	G	A	0.14	0.02	5.1571E-11
rs4647369	C	T	0.07	0.01	5.1601E-11
rs75480205	T	A	0.13	0.02	5.1658E-11
rs145120310	A	G	0.1	0.01	5.1691E-11
rs6760341	T	G	0.12	0.01	5.1719E-11
rs59887001	A	G	0.14	0.02	5.1722E-11
rs75893893	C	T	0.08	0.01	5.1739E-11
rs116246267	T	A	0.14	0.02	5.1741E-11
rs114947325	G	A	0.13	0.02	5.1772E-11
rs567559262	C	A	0.13	0.02	5.1855E-11
rs561990003	A	G	0.13	0.02	5.1855E-11
rs567498565	T	G	0.13	0.02	5.1855E-11

rs140237002	T	C	0.13	0.02	5.187E-11
rs149019318	C	T	0.14	0.02	5.1908E-11
rs375125261	C	A	0.14	0.02	5.1935E-11
rs115870500	T	C	0.07	0.01	5.2027E-11
rs148992557	G	A	0.13	0.02	5.2042E-11
rs571441356	T	A	0.18	0.02	5.2064E-11
rs182467163	C	T	0.14	0.02	5.2072E-11
rs185470344	T	C	0.13	0.02	5.2095E-11
rs188335725	G	A	0.13	0.02	5.2095E-11
rs191890773	T	A	0.13	0.02	5.2095E-11
rs115206120	T	C	0.18	0.02	5.2125E-11
rs115219134	G	A	0.14	0.02	5.2134E-11
rs575274487	T	G	0.4	0.06	5.2251E-11
rs114603640	G	T	0.13	0.02	5.2252E-11
rs142320251	A	C	0.13	0.02	5.2252E-11
rs145920016	T	A	0.13	0.02	5.2252E-11
rs76471898	C	T	0.13	0.02	5.2252E-11
rs143944337	A	G	0.13	0.02	5.2252E-11
rs149491694	A	G	0.13	0.02	5.2252E-11
rs549430395	G	A	0.13	0.02	5.2271E-11
rs527540710	T	C	0.13	0.02	5.2323E-11
rs147429314	G	A	0.13	0.02	5.2353E-11
rs572205572	T	A	0.1	0.01	5.2371E-11
rs146655658	C	T	0.13	0.02	5.2372E-11
rs180732830	T	G	0.13	0.02	5.2372E-11
rs114017444	C	T	0.13	0.02	5.2401E-11
rs140308980	C	A	0.16	0.02	5.2428E-11
rs140967109	C	T	0.13	0.02	5.2428E-11
rs141529890	G	A	0.13	0.02	5.2428E-11
rs144488153	A	G	0.13	0.02	5.2428E-11
rs148695038	G	T	0.13	0.02	5.2428E-11
rs111371738	G	A	0.13	0.02	5.2452E-11
rs145926011	C	T	0.13	0.02	5.2465E-11
rs183985728	G	A	0.13	0.02	5.2465E-11
rs542362219	C	A	0.13	0.02	5.2469E-11
rs145195818	A	G	0.29	0.04	5.248E-11
rs76889415	T	C	0.13	0.02	5.2482E-11
rs114671353	C	G	0.07	0.01	5.2483E-11
rs77750764	T	C	0.13	0.02	5.2543E-11
rs191691202	T	C	0.15	0.02	5.2575E-11
rs115668199	C	T	0.13	0.02	5.259E-11
rs78670919	G	T	0.13	0.02	5.259E-11
rs544842604	A	G	0.13	0.02	5.2598E-11
rs568331296	C	T	0.14	0.02	5.2618E-11
rs150510349	C	T	0.13	0.02	5.2625E-11
rs77272425	A	G	0.14	0.02	5.2626E-11
rs78996298	C	A	0.13	0.02	5.2632E-11
rs146282553	C	T	0.13	0.02	5.2664E-11
rs572902216	T	C	0.77	0.11	5.2688E-11
rs141613799	G	A	0.13	0.02	5.2699E-11
rs77850477	T	A	0.13	0.02	5.2705E-11
rs75580604	T	C	0.13	0.02	5.2721E-11
rs147132068	T	C	0.14	0.02	5.2744E-11
rs79579832	T	G	0.13	0.02	5.2762E-11
rs187643460	C	T	0.13	0.02	5.2793E-11
rs116211540	G	A	0.14	0.02	5.2808E-11
rs145476087	A	T	0.13	0.02	5.2821E-11
rs545461375	A	G	0.03	0.0052168	5.2831E-11
rs182986785	G	A	0.14	0.02	5.2834E-11
rs146497862	G	A	0.14	0.02	5.2843E-11
rs77819185	A	G	0.08	0.01	5.286E-11

rs79660931	A	G	0.13	0.02	5.2898E-11
rs140271473	T	C	0.13	0.02	5.2902E-11
rs116116542	T	C	0.17	0.02	5.2938E-11
rs114992471	T	A	0.18	0.02	5.304E-11
rs138871178	C	T	0.13	0.02	5.3071E-11
rs16845491	G	T	0.14	0.02	5.3127E-11
rs142022992	C	A	0.13	0.02	5.3244E-11
rs76633461	A	G	0.13	0.02	5.3248E-11
rs190537310	T	C	0.1	0.01	5.3303E-11
rs574470664	A	G	0.18	0.02	5.3391E-11
rs114838725	T	G	0.15	0.02	5.3419E-11
rs142443900	C	T	0.13	0.02	5.3527E-11
rs115782667	A	C	0.13	0.02	5.353E-11
rs144564982	A	T	0.07	0.01	5.3582E-11
rs116310294	T	A	0.14	0.02	5.3626E-11
rs115747718	T	A	0.13	0.02	5.3689E-11
rs145400985	G	T	0.13	0.02	5.3689E-11
rs73855363	T	C	0.14	0.02	5.3709E-11
rs144951923	A	G	0.14	0.02	5.3713E-11
rs142147139	A	T	0.31	0.04	5.373E-11
rs564703164	A	G	0.16	0.02	5.3731E-11
rs114144641	T	C	0.13	0.02	5.3783E-11
rs184425897	A	G	0.13	0.02	5.3807E-11
rs115033951	G	T	0.18	0.02	5.3824E-11
rs183053265	G	C	0.28	0.04	5.3847E-11
rs535728645	C	T	0.21	0.03	5.3857E-11
rs145111471	C	T	0.13	0.02	5.3963E-11
rs142932998	T	C	0.17	0.02	5.3966E-11
rs372332104	A	C	0.14	0.02	5.3974E-11
rs114120256	A	T	0.16	0.02	5.3982E-11
rs537409886	T	C	0.15	0.02	5.3998E-11
rs151132641	G	A	0.13	0.02	5.4011E-11
rs190009498	T	C	0.14	0.02	5.4047E-11
rs190830733	G	A	0.14	0.02	5.4127E-11
rs145052023	C	T	0.1	0.01	5.415E-11
rs115288196	A	C	0.13	0.02	5.4157E-11
rs9886233	A	T	0.14	0.02	5.4201E-11
rs75951762	T	C	0.07	0.01	5.4224E-11
rs115637477	T	C	0.13	0.02	5.4293E-11
rs115867062	A	G	0.29	0.04	5.4316E-11
rs779247939	G	C	0.03	0.0057569	5.4338E-11
rs138799645	G	A	0.13	0.02	5.4377E-11
rs9502742	G	A	0.14	0.02	5.4411E-11
rs59109554	A	G	0.26	0.04	5.4414E-11
rs554348908	G	A	0.04	0.0073514	5.4478E-11
rs192801770	T	C	0.15	0.02	5.449E-11
rs570253800	C	T	0.07	0.01	5.4602E-11
rs114532707	C	G	0.13	0.02	5.462E-11
rs116282467	G	A	0.08	0.01	5.4678E-11
rs184868737	C	T	0.07	0.01	5.4743E-11
rs73807606	A	C	0.13	0.02	5.4765E-11
rs149673247	G	T	0.14	0.02	5.4776E-11
rs73710397	T	G	0.13	0.02	5.4784E-11
rs184858606	A	G	0.13	0.02	5.4828E-11
rs547611956	T	C	0.07	0.01	5.4895E-11
rs563284495	T	C	0.14	0.02	5.4912E-11
rs139219907	G	A	0.14	0.02	5.4917E-11
rs116704246	C	T	0.13	0.02	5.4958E-11
rs564802064	C	A	0.13	0.02	5.4972E-11
rs552782428	C	A	0.13	0.02	5.4991E-11
rs139171860	C	T	0.13	0.02	5.5027E-11

rs140485291	A	G	0.13	0.02	5.5027E-11
rs187505722	G	A	0.13	0.02	5.5027E-11
rs79146317	A	G	0.13	0.02	5.507E-11
rs142473934	A	G	0.13	0.02	5.513E-11
rs190497711	T	C	0.11	0.01	5.5134E-11
rs188374500	C	A	0.13	0.02	5.5187E-11
rs140981984	G	A	0.07	0.01	5.5259E-11
rs139616918	G	C	0.44	0.06	5.5311E-11
rs9987192	G	A	0.23	0.03	5.5342E-11
rs146914198	A	G	0.06	0.01	5.536E-11
4:64202849_G_A	A	G	0.04	0.0074424	5.5414E-11
rs138072318	T	G	0.13	0.02	5.5421E-11
rs148200970	A	G	0.13	0.02	5.5498E-11
rs151046581	T	G	0.13	0.02	5.5498E-11
rs536852755	C	T	0.21	0.03	5.5512E-11
rs114217135	A	T	0.14	0.02	5.5654E-11
rs149543718	A	G	1.63	0.24	5.5902E-11
rs78163259	A	T	0.12	0.01	5.5972E-11
rs73708551	T	A	0.04	0.007412	5.6006E-11
rs145770143	A	G	0.13	0.02	5.601E-11
rs181871078	T	G	0.13	0.02	5.6026E-11
rs114503208	A	G	0.07	0.01	5.6067E-11
rs12208963	T	G	0.07	0.01	5.6094E-11
rs189277479	T	C	0.07	0.01	5.6094E-11
rs116193204	C	T	0.13	0.02	5.6121E-11
rs114229274	C	T	0.13	0.02	5.6186E-11
rs562541067	G	A	0.15	0.02	5.6281E-11
rs141466257	A	C	0.13	0.02	5.6312E-11
rs78291357	G	A	0.08	0.01	5.6317E-11
rs190523622	T	C	0.14	0.02	5.6328E-11
rs534444256	A	G	0.15	0.02	5.6366E-11
rs116218407	T	C	0.13	0.02	5.6447E-11
rs148201217	A	G	0.14	0.02	5.6541E-11
rs114716882	C	T	0.14	0.02	5.6558E-11
rs139117552	A	G	0.14	0.02	5.6561E-11
rs142226085	A	G	0.07	0.01	5.6619E-11
rs58898039	G	T	0.14	0.02	5.6646E-11
rs149733694	C	T	0.09	0.01	5.6692E-11
rs75360671	G	A	0.22	0.03	5.6705E-11
rs147940252	C	T	0.13	0.02	5.6709E-11
rs550727088	G	A	0.15	0.02	5.6726E-11
rs114620940	T	A	0.13	0.02	5.6738E-11
rs139886164	T	A	0.13	0.02	5.6744E-11
rs138223263	C	T	0.13	0.02	5.6751E-11
rs147534054	C	G	0.13	0.02	5.6751E-11
rs116039063	T	C	0.13	0.02	5.6752E-11
rs149897952	A	G	0.13	0.02	5.6752E-11
rs116139359	T	C	0.13	0.02	5.6777E-11
rs77884359	C	T	0.13	0.02	5.6777E-11
rs80014598	T	A	0.13	0.02	5.6777E-11
rs76633372	T	C	0.13	0.02	5.6778E-11
rs191097347	T	A	0.14	0.02	5.6787E-11
rs79631094	C	T	0.14	0.02	5.6824E-11
rs191964931	T	C	0.34	0.05	5.6825E-11
rs148139776	A	G	0.15	0.02	5.7041E-11
rs80224371	T	C	0.14	0.02	5.7066E-11
rs578084502	A	G	0.14	0.02	5.7096E-11
rs746447044	A	G	0.03	0.0056216	5.7122E-11
rs117710837	A	G	0.21	0.03	5.7193E-11
rs146741483	T	C	0.14	0.02	5.7251E-11
rs191043345	T	C	0.14	0.02	5.7268E-11

rs542674366	C	A	0.21	0.03	5.7318E-11
rs141968175	A	T	0.15	0.02	5.7329E-11
rs184873478	T	C	0.15	0.02	5.7329E-11
rs569765780	G	T	0.15	0.02	5.7329E-11
rs187471952	A	C	0.17	0.02	5.7346E-11
rs77597600	T	A	0.14	0.02	5.7393E-11
rs587662919	G	C	1.81	0.27	5.7426E-11
rs573230299	A	G	0.13	0.02	5.755E-11
rs185627201	T	C	0.19	0.02	5.7565E-11
rs577563761	C	T	0.67	0.1	5.7584E-11
rs142021390	G	A	0.14	0.02	5.7594E-11
rs148518206	T	C	0.13	0.02	5.7599E-11
rs5002891	C	T	0.15	0.02	5.7605E-11
rs142903673	T	C	0.07	0.01	5.7612E-11
rs147663965	T	C	0.15	0.02	5.7623E-11
rs182459400	T	A	0.15	0.02	5.7623E-11
rs113484386	A	T	0.14	0.02	5.7632E-11
rs184868463	G	C	0.15	0.02	5.7651E-11
rs75938931	G	T	0.13	0.02	5.7671E-11
rs368833458	T	C	0.2	0.03	5.7701E-11
rs146908698	C	T	0.14	0.02	5.7736E-11
rs145579813	G	A	0.11	0.01	5.7738E-11
rs141386017	A	C	0.13	0.02	5.7746E-11
rs116649977	A	G	0.14	0.02	5.7763E-11
rs78911289	C	T	0.13	0.02	5.7836E-11
rs115425344	C	T	0.13	0.02	5.7856E-11
rs116611015	C	T	0.13	0.02	5.7856E-11
rs79359173	G	C	0.13	0.02	5.7856E-11
rs184900263	A	G	0.07	0.01	5.7871E-11
rs182572207	C	T	0.09	0.01	5.7873E-11
rs79659561	G	A	0.13	0.02	5.7899E-11
rs115625363	A	G	0.17	0.02	5.7938E-11
rs138547632	A	G	0.13	0.02	5.7939E-11
rs553794652	T	C	0.05	0.009027	5.7945E-11
rs752465368	A	G	0.04	0.0073279	5.7959E-11
rs377452952	C	T	0.14	0.02	5.8033E-11
rs143383574	T	C	0.13	0.02	5.8035E-11
rs191936080	C	T	0.13	0.02	5.8035E-11
rs571579903	T	C	0.09	0.01	5.8041E-11
rs138776236	A	G	0.14	0.02	5.8044E-11
rs114802426	A	G	0.13	0.02	5.805E-11
rs139872835	A	G	0.13	0.02	5.805E-11
rs189784132	A	G	0.13	0.02	5.805E-11
rs7027900	G	A	0.14	0.02	5.8067E-11
rs115032038	G	A	0.15	0.02	5.8074E-11
rs141448410	G	C	0.13	0.02	5.8153E-11
rs188843672	G	C	0.14	0.02	5.8188E-11
rs114950641	T	A	0.1	0.01	5.8231E-11
rs111869716	T	C	0.14	0.02	5.8242E-11
rs549113477	A	C	0.14	0.02	5.833E-11
rs181277411	A	G	0.17	0.02	5.8392E-11
rs140811452	G	A	0.13	0.02	5.8491E-11
rs143975490	A	G	0.14	0.02	5.8534E-11
rs532981726	T	C	0.13	0.02	5.8541E-11
rs191390030	G	T	0.13	0.02	5.8541E-11
rs183917165	C	T	0.13	0.02	5.8541E-11
rs78206633	C	T	0.04	0.0072786	5.856E-11
rs149149648	A	C	0.13	0.02	5.8566E-11
rs140871080	T	C	0.13	0.02	5.8566E-11
rs190272958	G	A	0.13	0.02	5.8566E-11
rs185469222	G	T	0.13	0.02	5.8566E-11

rs115818950	T	C	0.13	0.02	5.8566E-11
rs75224791	A	G	0.13	0.02	5.8566E-11
rs540696731	T	A	0.13	0.02	5.8566E-11
rs75173574	A	G	0.08	0.01	5.8578E-11
rs75591541	A	G	0.14	0.02	5.8598E-11
rs541533658	G	T	0.14	0.02	5.8606E-11
rs190191441	T	C	0.13	0.02	5.862E-11
rs150883091	G	A	0.13	0.02	5.8633E-11
rs143521592	C	T	0.14	0.02	5.8656E-11
rs114010318	A	G	0.21	0.03	5.8704E-11
rs555663137	G	A	0.06	0.01	5.8759E-11
rs530269543	G	C	0.13	0.02	5.8842E-11
rs116763138	A	G	0.14	0.02	5.8973E-11
rs190286512	C	A	0.15	0.02	5.9051E-11
rs113315998	T	C	0.14	0.02	5.9083E-11
rs199855694	T	C	0.17	0.02	5.9112E-11
rs78959105	T	G	0.04	0.0073455	5.9172E-11
rs115610553	G	A	0.13	0.02	5.9185E-11
rs139654399	C	G	0.15	0.02	5.9236E-11
rs574157347	A	C	0.15	0.02	5.9236E-11
rs74730926	A	G	0.13	0.02	5.929E-11
rs575826186	T	G	0.13	0.02	5.9331E-11
rs181474806	C	G	0.14	0.02	5.934E-11
rs80099011	C	T	0.18	0.02	5.9341E-11
rs193092477	C	G	0.29	0.04	5.936E-11
rs778602417	T	C	0.05	0.0087	5.9405E-11
rs142203440	T	G	0.14	0.02	5.9406E-11
rs116423990	C	G	0.13	0.02	5.9416E-11
rs578200995	T	C	0.15	0.02	5.9452E-11
rs559613786	T	C	0.14	0.02	5.9458E-11
rs138614516	T	C	0.14	0.02	5.9474E-11
rs115194295	C	T	0.13	0.02	5.9495E-11
rs79509576	A	G	0.13	0.02	5.9554E-11
rs540341503	G	A	0.16	0.02	5.9568E-11
rs114342447	C	T	0.13	0.02	5.9573E-11
rs547950607	A	C	0.13	0.02	5.9578E-11
rs114045442	A	G	0.13	0.02	5.9616E-11
rs137946607	G	A	0.13	0.02	5.9616E-11
rs144602509	C	A	0.08	0.01	5.9617E-11
rs114196790	A	G	0.13	0.02	5.9634E-11
rs112290140	G	A	0.13	0.02	5.9663E-11
rs528403218	C	T	0.53	0.08	5.9919E-11
rs184618601	A	G	0.13	0.02	5.9967E-11
rs168352	G	A	0.03	0.0056277	5.997E-11
rs142012918	C	T	0.13	0.02	5.9973E-11
rs111332315	T	C	0.13	0.02	6.0002E-11
rs185418171	T	A	0.13	0.02	6.0042E-11
rs146344492	T	C	0.13	0.02	6.0091E-11
rs569534017	A	C	0.16	0.02	6.0283E-11
rs375255475	T	C	0.13	0.02	6.0291E-11
rs184247882	C	T	0.15	0.02	6.0298E-11
rs140089103	C	T	0.15	0.02	6.035E-11
rs75213204	T	G	0.13	0.02	6.0354E-11
rs150156106	T	C	0.19	0.02	6.0392E-11
rs139375041	G	A	0.15	0.02	6.0412E-11
rs191600858	T	G	0.13	0.02	6.0461E-11
rs73538918	C	T	0.16	0.02	6.0478E-11
rs117464408	T	C	0.07	0.01	6.0508E-11
rs148428401	A	T	0.15	0.02	6.0526E-11
rs186518065	T	C	0.18	0.02	6.0573E-11
rs114009481	C	T	0.13	0.02	6.0613E-11



rs146082775	T	G	0.12	0.01	6.0694E-11
rs539536366	T	C	0.13	0.02	6.0794E-11
rs539884996	A	G	0.14	0.02	6.0939E-11
rs6957264	C	A	0.13	0.02	6.1062E-11
rs142284527	A	T	0.13	0.02	6.1087E-11
rs113219044	A	G	0.12	0.01	6.1105E-11
rs200439068	A	G	0.07	0.01	6.1114E-11
rs79160075	G	A	0.13	0.02	6.113E-11
rs11993082	G	T	0.04	0.0072862	6.1171E-11
rs138704845	A	G	0.17	0.02	6.1239E-11
rs116536830	C	G	0.07	0.01	6.1338E-11
rs77222230	C	A	0.13	0.02	6.1346E-11
rs142576740	C	G	0.14	0.02	6.1349E-11
rs771875475	C	T	0.04	0.0072545	6.1403E-11
rs140548679	G	C	0.13	0.02	6.1499E-11
rs181790074	T	C	0.12	0.01	6.1516E-11
rs10174503	G	T	0.14	0.02	6.1542E-11
rs150676494	A	G	0.17	0.02	6.1547E-11
rs148572806	C	T	0.13	0.02	6.1675E-11
rs116770735	T	C	0.14	0.02	6.1702E-11
rs78899754	C	A	0.13	0.02	6.1733E-11
rs140183513	C	T	0.13	0.02	6.1733E-11
rs146091474	T	C	0.13	0.02	6.1763E-11
rs79080518	A	C	0.06	0.01	6.1795E-11
rs141458411	T	C	0.13	0.02	6.1812E-11
rs146921228	T	C	0.13	0.02	6.1812E-11
rs142865895	G	A	0.13	0.02	6.1812E-11
rs143523885	A	G	0.13	0.02	6.1812E-11
rs151209109	C	G	0.13	0.02	6.1812E-11
rs146295367	T	C	0.13	0.02	6.1812E-11
rs7692764	T	C	0.04	0.007337	6.1812E-11
rs556037757	A	G	0.13	0.02	6.1842E-11
rs74676908	A	G	0.14	0.02	6.1843E-11
rs144326753	G	A	0.14	0.02	6.1851E-11
rs143135511	T	G	0.13	0.02	6.187E-11
rs150125485	A	G	0.13	0.02	6.187E-11
rs138376039	G	A	0.13	0.02	6.1872E-11
rs144800796	A	T	0.14	0.02	6.1895E-11
rs188828201	G	A	0.16	0.02	6.1914E-11
rs566563153	T	C	0.05	0.0077954	6.1956E-11
rs78003516	G	A	0.13	0.02	6.1964E-11
rs113833175	A	G	0.16	0.02	6.1968E-11
rs73698527	C	T	0.13	0.02	6.2E-11
rs142319666	C	T	0.24	0.03	6.2033E-11
rs116304246	T	C	0.35	0.05	6.2054E-11
rs112696387	T	C	0.14	0.02	6.2083E-11
rs181977531	G	T	0.13	0.02	6.2087E-11
rs150105994	A	G	0.17	0.02	6.2108E-11
rs186491453	G	A	0.13	0.02	6.2266E-11
rs181532045	G	A	0.13	0.02	6.2281E-11
rs150722700	C	G	0.14	0.02	6.2338E-11
rs186093971	A	G	0.17	0.02	6.2469E-11
rs148093404	A	G	0.04	0.0070652	6.2495E-11
rs535661031	A	C	0.16	0.02	6.2521E-11
rs180828123	T	C	0.2	0.03	6.2595E-11
rs555050538	G	A	0.14	0.02	6.2624E-11
rs527904696	G	A	0.12	0.01	6.2649E-11
rs190921187	G	A	0.08	0.01	6.2654E-11
rs73121222	G	C	0.07	0.01	6.28E-11
rs553258151	C	T	0.14	0.02	6.2814E-11
rs115566104	A	G	0.14	0.02	6.2815E-11

rs570213774	T	C	0.05	0.0083505	6.282E-11
rs549567165	A	C	0.13	0.02	6.2856E-11
rs572081490	C	G	0.11	0.01	6.2856E-11
rs10171617	T	A	0.12	0.01	6.2886E-11
rs115003756	G	A	0.17	0.02	6.2908E-11
rs78176791	T	C	0.07	0.01	6.2926E-11
rs10226823	G	A	0.13	0.02	6.2945E-11
rs150495356	A	G	0.14	0.02	6.2959E-11
rs114455627	G	A	0.07	0.01	6.3089E-11
rs142457571	T	C	0.13	0.02	6.3177E-11
rs146425665	T	C	0.24	0.03	6.3233E-11
rs114698287	G	A	0.14	0.02	6.3236E-11
rs578110519	G	A	0.17	0.02	6.3272E-11
rs111874261	T	A	0.13	0.02	6.3314E-11
rs184314474	G	T	4.44	0.67	6.3381E-11
rs140780581	A	G	0.13	0.02	6.3447E-11
rs116436439	T	C	0.31	0.04	6.3523E-11
rs144435143	C	A	0.14	0.02	6.3567E-11
rs141433142	G	A	0.17	0.02	6.3593E-11
rs144015852	A	G	0.13	0.02	6.362E-11
rs181842728	G	A	0.1	0.01	6.3692E-11
rs3218880	T	C	0.13	0.02	6.3702E-11
rs146800127	A	G	0.17	0.02	6.3733E-11
rs34663388	G	A	0.13	0.02	6.3798E-11
rs149052763	T	C	0.17	0.02	6.3837E-11
rs75210521	A	G	0.14	0.02	6.3886E-11
rs143716001	T	C	0.16	0.02	6.3901E-11
rs143492122	T	C	0.15	0.02	6.3952E-11
rs573473838	C	A	0.15	0.02	6.3952E-11
rs569891256	A	G	0.02	0.004522	6.41E-11
rs147220866	A	G	0.06	0.01	6.419E-11
rs142320619	A	G	0.14	0.02	6.4231E-11
rs148242416	G	A	0.13	0.02	6.4361E-11
rs140833484	A	T	0.14	0.02	6.4369E-11
3:5601506_T_G	G	T	0.04	0.0073039	6.4377E-11
rs112678816	G	C	0.07	0.01	6.4399E-11
rs115042648	A	G	0.09	0.01	6.4421E-11
rs115173596	C	T	0.13	0.02	6.4422E-11
rs143238505	A	G	0.14	0.02	6.4461E-11
rs115386921	T	C	0.13	0.02	6.4518E-11
rs142978496	T	C	0.14	0.02	6.453E-11
rs148648995	T	C	0.13	0.02	6.4535E-11
rs116319632	T	C	0.11	0.01	6.4574E-11
rs73997509	T	C	0.07	0.01	6.4606E-11
rs538454377	C	T	0.13	0.02	6.4609E-11
rs192097561	C	A	0.18	0.02	6.4632E-11
rs114585732	C	T	0.23	0.03	6.4659E-11
rs142236857	T	C	0.17	0.02	6.4684E-11
rs771426484	A	G	0.02	0.0041974	6.4736E-11
rs559018398	T	G	0.13	0.02	6.4787E-11
rs75425313	T	C	0.13	0.02	6.4821E-11
rs572207617	G	C	0.04	0.0064718	6.4848E-11
rs187079584	T	C	0.14	0.02	6.485E-11
rs536247497	A	C	0.13	0.02	6.4867E-11
rs549071146	T	G	0.13	0.02	6.496E-11
rs577128532	T	C	0.07	0.01	6.4985E-11
rs530839912	A	G	0.14	0.02	6.5044E-11
rs117795957	T	C	0.07	0.01	6.5164E-11
rs74689600	C	T	0.15	0.02	6.5166E-11
rs187151925	A	G	0.13	0.02	6.5273E-11
rs147023212	G	A	0.13	0.02	6.5273E-11

rs145112867	G	C	0.15	0.02	6.5284E-11
rs78787530	T	A	0.13	0.02	6.5296E-11
rs141419824	A	G	0.13	0.02	6.5296E-11
rs116743986	T	G	0.13	0.02	6.5296E-11
rs147827591	C	A	0.13	0.02	6.5296E-11
rs567577475	A	G	0.05	0.0084801	6.5392E-11
rs114872134	C	T	0.14	0.02	6.5394E-11
rs79972403	A	C	0.23	0.03	6.5441E-11
rs749703657	A	T	0.04	0.0072416	6.5524E-11
rs554600229	A	G	0.07	0.01	6.554E-11
rs6992710	T	C	0.09	0.01	6.5577E-11
rs143479514	A	G	0.23	0.03	6.5582E-11
rs185915569	C	T	0.47	0.07	6.5622E-11
rs148300155	C	T	0.04	0.0073459	6.5634E-11
rs138878655	C	A	0.13	0.02	6.5716E-11
rs141917071	A	G	0.13	0.02	6.5716E-11
rs144980359	A	T	0.13	0.02	6.5749E-11
rs150346166	C	T	0.13	0.02	6.5751E-11
rs116217760	T	C	0.13	0.02	6.5769E-11
rs7752933	T	C	0.13	0.02	6.5816E-11
rs77324715	C	T	0.1	0.01	6.5848E-11
rs116802630	A	G	0.13	0.02	6.5889E-11
rs114919490	T	C	0.23	0.03	6.589E-11
rs28370911	G	A	0.13	0.02	6.5962E-11
rs78975272	A	G	0.14	0.02	6.6052E-11
rs149821519	C	T	0.08	0.01	6.6104E-11
rs115863461	T	C	0.04	0.0072922	6.6135E-11
rs115900045	A	G	0.13	0.02	6.6145E-11
rs565286188	A	G	0.03	0.0047889	6.6198E-11
rs114322240	C	T	2.72	0.41	6.6214E-11
rs73858479	A	G	0.09	0.01	6.6269E-11
rs114538551	G	A	0.13	0.02	6.6365E-11
rs139044069	G	C	0.14	0.02	6.6448E-11
rs183230159	A	C	1.97	0.3	6.6475E-11
rs150041827	T	C	0.13	0.02	6.6528E-11
rs145930187	T	C	0.13	0.02	6.656E-11
rs59303353	G	T	0.05	0.0088295	6.6662E-11
rs142809195	C	G	0.11	0.01	6.6712E-11
rs6742640	T	A	0.05	0.0085422	6.6716E-11
rs184782420	A	G	0.14	0.02	6.6725E-11
rs75369107	G	A	0.07	0.01	6.6861E-11
rs76133130	C	G	0.14	0.02	6.687E-11
rs138188335	C	T	0.15	0.02	6.6877E-11
rs186071772	C	A	0.13	0.02	6.6887E-11
rs189204231	C	T	0.13	0.02	6.6897E-11
rs144334226	C	G	0.13	0.02	6.6939E-11
rs145280790	A	G	0.13	0.02	6.6939E-11
rs138148443	C	T	0.46	0.07	6.6939E-11
rs369592488	G	C	0.14	0.02	6.6999E-11
rs115742071	A	G	0.15	0.02	6.7029E-11
rs141830985	A	G	0.13	0.02	6.7105E-11
rs113876088	T	C	0.03	0.0055551	6.7131E-11
rs552116570	C	T	0.04	0.0068092	6.7193E-11
rs144544007	T	G	0.15	0.02	6.7228E-11
rs150958047	T	G	0.15	0.02	6.7228E-11
rs184104379	A	C	0.13	0.02	6.7317E-11
rs149246636	T	C	0.18	0.02	6.7374E-11
rs185665943	T	C	0.13	0.02	6.7384E-11
rs531008412	T	C	0.13	0.02	6.7384E-11
rs567391516	A	G	0.27	0.04	6.74E-11
rs188393039	T	C	0.13	0.02	6.744E-11

rs115283077	A	G	0.13	0.02	6.7468E-11
rs114267374	A	C	0.15	0.02	6.7493E-11
rs139480332	A	C	0.13	0.02	6.7571E-11
rs140527215	T	C	0.13	0.02	6.7583E-11
rs115928834	T	C	0.11	0.01	6.759E-11
rs114737568	G	T	0.13	0.02	6.7637E-11
rs148209756	C	A	0.13	0.02	6.7652E-11
rs114097295	C	T	0.23	0.03	6.7653E-11
rs143640743	T	C	0.13	0.02	6.7655E-11
rs563823990	C	T	0.13	0.02	6.7677E-11
rs113287814	A	G	0.13	0.02	6.7688E-11
rs554447220	T	C	0.14	0.02	6.7691E-11
rs535861561	T	G	0.13	0.02	6.7723E-11
rs146089007	T	C	0.13	0.02	6.7766E-11
rs150035720	A	G	0.13	0.02	6.7786E-11
rs114522531	G	A	0.05	0.0087335	6.7855E-11
rs114081567	C	A	0.13	0.02	6.7926E-11
rs139025153	T	C	0.13	0.02	6.7929E-11
rs141645823	A	C	0.21	0.03	6.8053E-11
rs371000806	C	G	0.14	0.02	6.8053E-11
rs537051442	T	C	0.14	0.02	6.8056E-11
rs78472449	T	C	0.13	0.02	6.8076E-11
rs564018202	T	G	0.13	0.02	6.8103E-11
rs75732759	C	G	0.14	0.02	6.8142E-11
rs114152877	T	C	0.07	0.01	6.8156E-11
rs180707806	A	C	0.39	0.06	6.822E-11
rs186817182	T	C	0.39	0.06	6.822E-11
rs112727627	T	A	0.14	0.02	6.8222E-11
rs114079059	A	G	0.06	0.01	6.8279E-11
rs151057898	C	T	0.13	0.02	6.8288E-11
rs78148483	G	T	0.11	0.01	6.8389E-11
rs140123800	C	T	0.16	0.02	6.8497E-11
rs183386498	G	T	35.2	5.39	6.8536E-11
rs151220522	T	C	0.28	0.04	6.8559E-11
rs538988594	T	G	0.13	0.02	6.8704E-11
rs553273974	A	T	0.14	0.02	6.8772E-11
rs111870144	T	A	0.14	0.02	6.8772E-11
rs145870778	A	G	0.13	0.02	6.8845E-11
rs12348630	T	C	0.13	0.02	6.8889E-11
rs372746272	T	G	0.06	0.01	6.8921E-11
rs182385254	C	T	0.08	0.01	6.9006E-11
rs143800171	G	A	0.15	0.02	6.902E-11
rs180869577	T	C	0.13	0.02	6.9035E-11
rs11995885	T	C	0.04	0.007207	6.9035E-11
rs748330913	G	A	0.04	0.0063797	6.9116E-11
rs138129364	A	G	0.15	0.02	6.9191E-11
rs543751645	T	C	0.12	0.01	6.9228E-11
rs544337170	T	C	0.15	0.02	6.9231E-11
rs182378285	T	C	0.33	0.05	6.9351E-11
rs115285556	A	G	0.13	0.02	6.9392E-11
rs140806371	C	T	0.27	0.04	6.9446E-11
rs183871988	A	G	0.03	0.0056937	6.9469E-11
rs78709984	G	A	0.13	0.02	6.9501E-11
rs114087956	C	A	0.11	0.01	6.9567E-11
rs79398666	C	T	0.13	0.02	6.9573E-11
rs112883620	A	G	0.13	0.02	6.9737E-11
rs143741824	C	T	0.13	0.02	6.9917E-11
rs192252983	A	C	0.13	0.02	6.9984E-11
rs371211773	A	C	0.17	0.02	7.0014E-11
rs144971556	A	G	0.13	0.02	7.0032E-11
rs147489757	T	C	0.07	0.01	7.0051E-11

rs543734073	T	C	0.03	0.0052368	7.0052E-11
rs529735627	G	A	0.13	0.01	7.0073E-11
rs112405022	A	G	0.13	0.02	7.008E-11
rs547679016	G	C	0.13	0.02	7.0085E-11
rs527934654	C	T	0.13	0.02	7.0085E-11
rs368790569	G	A	0.16	0.02	7.0127E-11
rs114255060	G	T	0.14	0.02	7.0222E-11
rs34377881	T	C	0.16	0.02	7.0254E-11
rs78100763	T	C	0.15	0.02	7.0257E-11
rs551870298	A	G	0.2	0.03	7.0267E-11
rs114968212	A	C	0.13	0.02	7.0304E-11
rs114803285	C	A	0.13	0.02	7.041E-11
rs538035395	G	A	0.13	0.02	7.0483E-11
rs141190678	A	G	0.13	0.02	7.05E-11
rs145679310	C	T	0.13	0.02	7.0511E-11
rs555565278	T	G	0.13	0.02	7.0527E-11
rs147370239	A	T	0.13	0.02	7.0555E-11
rs77015702	C	T	0.13	0.02	7.0566E-11
7:154951632_T_C	C	T	0.04	0.0065652	7.0567E-11
rs74320962	C	T	0.13	0.02	7.0646E-11
rs150578946	T	C	0.13	0.02	7.0662E-11
rs146541041	A	G	0.14	0.02	7.0694E-11
rs115568673	C	T	0.14	0.02	7.0766E-11
rs79873631	G	A	0.13	0.02	7.0781E-11
rs371625435	T	G	0.16	0.02	7.0821E-11
rs138102968	A	G	0.07	0.01	7.0825E-11
rs76647638	T	A	0.13	0.02	7.0883E-11
rs114831276	T	G	0.04	0.006663	7.1011E-11
rs145113058	G	A	0.13	0.02	7.1051E-11
rs77487888	G	A	0.04	0.0072024	7.1138E-11
rs75357303	G	A	0.13	0.02	7.1152E-11
rs140587523	A	G	0.07	0.01	7.1266E-11
rs115100715	A	C	0.13	0.02	7.1273E-11
rs77123288	C	T	0.1	0.01	7.1299E-11
rs185961608	C	T	0.19	0.03	7.1336E-11
rs78784341	T	A	0.14	0.02	7.1373E-11
rs116806050	C	T	0.13	0.02	7.1375E-11
rs188888563	G	T	0.15	0.02	7.142E-11
rs149882688	G	T	0.13	0.02	7.1435E-11
rs77874134	T	G	0.14	0.02	7.1501E-11
rs188448014	C	T	0.13	0.02	7.1531E-11
rs558648779	C	A	0.16	0.02	7.1552E-11
rs532885369	T	A	0.13	0.02	7.1572E-11
rs76674333	A	T	0.13	0.02	7.1588E-11
rs114785999	A	C	0.15	0.02	7.159E-11
rs111458255	C	T	0.14	0.02	7.1594E-11
rs373435342	T	C	0.14	0.02	7.1604E-11
rs148072653	T	A	0.14	0.02	7.1652E-11
rs144875963	A	G	0.14	0.02	7.1662E-11
rs115913717	A	G	0.47	0.07	7.1718E-11
rs76068046	A	G	0.16	0.02	7.1725E-11
rs112507559	G	A	0.13	0.02	7.1729E-11
rs138299412	C	T	0.3	0.04	7.1768E-11
rs139458698	T	G	0.13	0.02	7.1779E-11
rs142900200	A	G	0.07	0.01	7.1855E-11
rs142535204	A	C	0.14	0.02	7.1923E-11
rs113962073	A	T	0.14	0.02	7.193E-11
rs77173533	T	C	0.08	0.01	7.1989E-11
rs116456950	G	A	0.07	0.01	7.2044E-11
rs112962695	G	A	0.16	0.02	7.2112E-11
rs138983640	C	G	0.04	0.0072796	7.2151E-11

rs76288091	G	C	0.11	0.01	7.2159E-11
rs537998370	A	G	35.16	5.39	7.2192E-11
rs79440934	A	G	0.13	0.02	7.222E-11
rs59328838	A	C	0.13	0.02	7.2233E-11
rs115621554	T	G	0.13	0.02	7.228E-11
rs539078282	T	A	0.07	0.01	7.2439E-11
rs114156763	T	G	0.13	0.02	7.2477E-11
rs28641905	G	A	0.13	0.02	7.2582E-11
rs145548149	A	C	0.21	0.03	7.2825E-11
rs114159760	T	C	0.13	0.02	7.284E-11
rs576548230	C	T	0.13	0.02	7.2864E-11
rs563182563	T	C	0.13	0.02	7.2918E-11
rs575302933	G	C	0.13	0.02	7.2923E-11
rs60886761	A	G	0.13	0.02	7.2925E-11
rs370498421	T	G	0.14	0.02	7.2956E-11
rs571876809	A	C	0.18	0.02	7.3008E-11
rs78725005	G	A	0.07	0.01	7.3014E-11
rs113181229	A	G	0.06	0.01	7.3037E-11
rs546002995	C	T	1.54	0.23	7.305E-11
rs772488655	C	T	0.04	0.0067209	7.3108E-11
rs76820397	A	G	0.13	0.02	7.3151E-11
rs182098407	T	C	0.13	0.02	7.3152E-11
rs111705679	C	T	0.14	0.02	7.3165E-11
rs538467480	T	C	0.14	0.02	7.3168E-11
rs146525017	C	A	0.13	0.02	7.3225E-11
rs148643850	T	A	0.2	0.03	7.3233E-11
rs115305260	A	G	0.09	0.01	7.3263E-11
rs185191335	T	C	0.13	0.02	7.3332E-11
rs143175724	C	T	0.15	0.02	7.3349E-11
rs562488110	C	T	0.15	0.02	7.3414E-11
rs147931099	C	T	0.14	0.02	7.3499E-11
rs115600762	C	T	0.19	0.03	7.3533E-11
rs371850263	C	G	0.14	0.02	7.3605E-11
rs111832691	A	G	0.16	0.02	7.362E-11
rs76203649	C	T	0.04	0.0071979	7.3644E-11
rs185922166	T	C	0.13	0.02	7.3699E-11
7:73642398_C_T	T	C	0.07	0.01	7.3725E-11
rs140579128	A	G	0.14	0.02	7.3775E-11
rs116312313	G	C	0.29	0.04	7.3778E-11
rs528603685	T	C	0.03	0.0057585	7.3834E-11
rs184831070	C	T	0.02	0.0045501	7.3962E-11
rs544491404	T	C	0.14	0.02	7.3996E-11
rs144071142	T	C	0.13	0.02	7.4003E-11
rs73949680	A	G	0.04	0.0072299	7.4094E-11
rs11987348	T	A	0.04	0.0071976	7.411E-11
rs572789969	T	A	0.13	0.02	7.4121E-11
rs185040586	G	A	0.13	0.02	7.4307E-11
rs534713576	T	G	0.26	0.04	7.4562E-11
rs190078380	C	T	0.13	0.02	7.4586E-11
rs547628975	A	G	0.07	0.01	7.4622E-11
rs7819722	T	A	0.07	0.01	7.4622E-11
rs572909147	C	A	0.15	0.02	7.4674E-11
rs143228221	A	C	0.13	0.02	7.4679E-11
rs114781085	C	G	0.09	0.01	7.4689E-11
rs112432180	T	A	0.13	0.02	7.4701E-11
rs189035134	T	C	0.17	0.02	7.4735E-11
rs60610614	A	G	0.14	0.02	7.4761E-11
rs556029792	A	C	0.13	0.02	7.4824E-11
rs77158489	T	C	0.13	0.02	7.4896E-11
rs115904366	G	A	0.13	0.02	7.4908E-11
rs115174108	T	G	0.13	0.02	7.5002E-11

rs116615252	C	T	0.47	0.07	7.5061E-11
rs139807208	C	G	0.13	0.02	7.5097E-11
rs185377284	C	T	0.13	0.02	7.5106E-11
rs150846154	G	T	0.14	0.02	7.5136E-11
rs114478956	G	A	0.08	0.01	7.5146E-11
rs114235852	A	G	0.07	0.01	7.5155E-11
rs535672793	C	G	0.14	0.02	7.521E-11
rs559729169	C	T	0.33	0.05	7.5213E-11
rs146081398	C	T	0.15	0.02	7.5236E-11
rs769686311	G	A	0.03	0.0060956	7.5245E-11
rs147703832	C	T	0.13	0.02	7.5247E-11
rs187212341	A	C	0.13	0.02	7.5285E-11
rs114434538	G	A	0.13	0.02	7.5307E-11
rs746275177	T	C	0.03	0.0049104	7.5319E-11
rs544468712	A	G	0.14	0.02	7.5335E-11
rs146368672	T	A	0.13	0.02	7.538E-11
rs116006554	A	G	0.13	0.02	7.5389E-11
rs191013280	T	C	0.13	0.02	7.5402E-11
rs115994860	G	A	0.23	0.03	7.5425E-11
rs191383696	A	T	0.14	0.02	7.5553E-11
rs562877611	T	C	0.16	0.02	7.5581E-11
rs149572675	A	C	0.25	0.03	7.5688E-11
rs552580541	T	G	0.04	0.0073716	7.5689E-11
rs114868454	A	T	0.13	0.02	7.5709E-11
rs143802543	A	G	0.13	0.02	7.5754E-11
rs114411749	C	G	0.14	0.02	7.5766E-11
rs147261388	A	G	0.13	0.02	7.5856E-11
rs151247947	G	A	0.15	0.02	7.5895E-11
rs149523905	A	G	0.06	0.01	7.5939E-11
rs10175261	G	A	0.13	0.02	7.5961E-11
rs574894820	T	G	0.2	0.03	7.5971E-11
rs73538940	A	C	0.16	0.02	7.6146E-11
rs140904644	G	A	0.06	0.01	7.6216E-11
rs142596556	G	T	0.16	0.02	7.6257E-11
rs149513843	T	C	0.15	0.02	7.6384E-11
rs111206503	C	T	0.14	0.02	7.6416E-11
rs143908614	G	A	0.26	0.04	7.6449E-11
rs114692107	C	T	0.13	0.02	7.6467E-11
rs143329699	A	T	0.14	0.02	7.6488E-11
rs3218855	A	G	0.13	0.02	7.6489E-11
rs13388184	G	C	0.13	0.02	7.6489E-11
rs3218865	G	A	0.13	0.02	7.6489E-11
rs13403954	C	T	0.13	0.02	7.6489E-11
rs3218869	G	A	0.13	0.02	7.6489E-11
rs147242922	G	A	0.06	0.01	7.6492E-11
rs13185590	T	C	0.14	0.02	7.6498E-11
rs73681960	T	C	0.14	0.02	7.6558E-11
rs73854892	A	G	0.13	0.02	7.6564E-11
rs111460690	A	G	0.07	0.01	7.6584E-11
rs189353900	A	C	0.05	0.0083184	7.6696E-11
rs551024725	A	G	0.02	0.0045049	7.6855E-11
rs114267512	G	T	0.13	0.02	7.6858E-11
rs558081001	T	G	0.13	0.02	7.6958E-11
rs57222448	A	C	0.14	0.02	7.6994E-11
rs559090510	C	T	0.04	0.0075753	7.7068E-11
rs3218856	A	T	0.13	0.02	7.7113E-11
rs77197354	G	A	0.14	0.02	7.7125E-11
rs183687293	A	G	0.13	0.02	7.7168E-11
rs189094411	C	T	0.13	0.02	7.7256E-11
rs570994507	C	T	1.42	0.21	7.7349E-11
rs73132747	T	C	0.13	0.02	7.7401E-11

rs186033453	A	G	0.13	0.02	7.7418E-11
rs9505526	G	A	0.13	0.02	7.742E-11
rs139466083	A	G	0.14	0.02	7.7427E-11
4:183541332_A_G	G	A	0.03	0.005707	7.7515E-11
rs532507778	C	T	0.02	0.0035367	7.758E-11
rs571977261	G	C	0.07	0.01	7.7605E-11
rs534807927	T	C	0.32	0.05	7.7656E-11
7:61991074_T_A	A	T	0.07	0.01	7.7686E-11
rs140001317	C	A	0.13	0.02	7.7724E-11
rs146627513	A	G	0.13	0.02	7.7724E-11
rs186121374	A	T	0.13	0.02	7.7724E-11
rs73749282	T	G	0.13	0.02	7.7736E-11
rs115947652	C	A	0.13	0.02	7.7752E-11
rs529649111	G	C	0.13	0.02	7.7788E-11
rs558195590	A	T	0.13	0.02	7.7862E-11
rs78392647	G	A	0.13	0.02	7.7939E-11
rs184098022	T	C	0.13	0.02	7.7952E-11
rs183275196	T	G	0.13	0.02	7.7996E-11
rs78131747	A	G	0.13	0.02	7.7997E-11
rs544183855	T	C	0.14	0.02	7.8002E-11
rs114907624	T	C	0.08	0.01	7.8021E-11
rs114234355	A	G	0.06	0.01	7.8052E-11
rs114215379	C	T	0.13	0.02	7.8161E-11
rs75940216	A	G	0.07	0.01	7.8238E-11
rs182764931	A	G	0.13	0.02	7.8319E-11
rs201046907	A	G	0.15	0.02	7.8477E-11
rs367931425	A	G	0.14	0.02	7.8487E-11
rs2882313	A	C	0.13	0.02	7.864E-11
rs115778419	G	A	0.13	0.02	7.8687E-11
rs146844958	G	T	0.13	0.02	7.8709E-11
rs192471190	C	T	0.13	0.02	7.877E-11
rs114871931	A	C	0.14	0.02	7.8798E-11
rs80243123	C	A	0.13	0.02	7.8805E-11
rs61452551	A	C	0.13	0.02	7.8805E-11
1:191701016_C_A	A	C	0.06	0.0093519	7.8842E-11
rs55812032	C	T	0.16	0.02	7.8848E-11
rs2350043	T	C	0.13	0.02	7.8897E-11
rs147004987	T	G	0.13	0.02	7.8927E-11
rs368844567	G	T	0.27	0.04	7.8933E-11
rs144664062	T	G	0.15	0.02	7.8949E-11
rs112594268	T	C	0.07	0.01	7.903E-11
rs6733948	C	T	0.13	0.02	7.9098E-11
rs192368214	G	T	0.15	0.02	7.9115E-11
rs150948066	G	A	0.13	0.02	7.9143E-11
rs113419630	T	C	0.13	0.02	7.9146E-11
rs149539456	A	C	0.07	0.01	7.922E-11
rs74735958	T	C	0.07	0.01	7.9345E-11
rs116364775	T	C	0.13	0.02	7.948E-11
rs151050751	G	T	1.47	0.22	7.9506E-11
rs146120442	T	C	0.16	0.02	7.9519E-11
rs144415639	A	G	0.13	0.02	7.9537E-11
rs115840570	A	G	0.13	0.02	7.9598E-11
rs58049433	A	G	0.16	0.02	7.9712E-11
rs142495500	G	C	0.14	0.02	7.9755E-11
rs556896511	C	T	0.08	0.01	7.9924E-11
rs139166460	T	C	0.12	0.01	7.995E-11
rs77214442	C	T	0.08	0.01	8.01E-11
rs111579419	A	G	0.13	0.02	8.0335E-11
rs114558867	G	A	0.13	0.02	8.0371E-11
rs112821341	A	C	0.16	0.02	8.0442E-11
rs186296391	T	C	0.13	0.02	8.0444E-11



rs149515224	T	C	0.13	0.02	8.0545E-11
rs578139694	G	A	0.26	0.04	8.055E-11
rs115056843	A	G	0.13	0.02	8.0557E-11
rs116547430	G	A	0.13	0.02	8.0629E-11
rs144434043	A	G	0.13	0.02	8.0692E-11
rs149566675	C	A	0.13	0.02	8.0753E-11
rs139140844	C	T	0.13	0.02	8.0771E-11
rs145741515	T	C	0.13	0.02	8.0771E-11
rs114963475	C	T	0.13	0.02	8.1045E-11
rs376383583	C	T	0.14	0.02	8.1077E-11
rs570874357	T	C	0.06	0.0093266	8.1093E-11
rs140173367	C	T	0.13	0.02	8.1124E-11
rs116516437	A	T	0.05	0.0079649	8.1221E-11
rs190987514	T	G	0.13	0.02	8.1227E-11
rs115087107	G	A	0.13	0.02	8.1257E-11
rs189854437	C	T	0.15	0.02	8.1299E-11
rs186112487	T	C	0.18	0.02	8.1357E-11
rs555356434	A	C	0.07	0.01	8.1373E-11
rs577620715	A	G	0.13	0.02	8.1384E-11
rs116279660	C	T	0.13	0.02	8.1458E-11
rs181955978	T	C	0.07	0.01	8.1675E-11
rs114968449	A	T	0.13	0.02	8.1694E-11
rs11926019	C	T	0.02	0.0044946	8.1755E-11
rs139408476	T	C	0.13	0.02	8.1767E-11
rs61486796	G	A	0.14	0.02	8.1852E-11
rs535814811	T	A	0.13	0.02	8.1859E-11
rs113818477	T	C	0.15	0.02	8.1884E-11
rs149194444	T	C	0.07	0.01	8.1979E-11
rs192538773	G	A	0.13	0.02	8.2042E-11
rs115756975	T	C	0.04	0.0073262	8.2107E-11
rs2350040	C	A	0.13	0.02	8.2169E-11
rs141624877	C	A	0.13	0.02	8.2246E-11
rs6691886	A	G	0.13	0.02	8.2287E-11
rs148893404	G	A	0.13	0.02	8.23E-11
rs76919640	A	C	0.13	0.02	8.2344E-11
rs11953476	A	T	0.13	0.02	8.2364E-11
rs145056177	A	C	0.14	0.02	8.2505E-11
rs571995296	T	C	0.13	0.02	8.2713E-11
rs115692674	C	A	0.13	0.02	8.2725E-11
rs12072823	G	T	0.13	0.02	8.2727E-11
rs17026390	G	C	0.13	0.02	8.2768E-11
rs117571180	T	C	0.17	0.02	8.2788E-11
rs148879351	C	T	0.21	0.03	8.287E-11
rs146607066	A	G	0.14	0.02	8.2903E-11
rs7745937	A	G	0.13	0.02	8.2921E-11
rs565653359	C	T	0.26	0.04	8.2935E-11
rs146479079	G	A	0.13	0.02	8.2942E-11
rs115120119	T	C	0.07	0.01	8.3013E-11
rs150258257	T	C	0.13	0.02	8.3016E-11
rs77118393	A	G	0.13	0.02	8.3077E-11
rs55857261	C	G	0.14	0.02	8.3207E-11
rs149530921	C	G	0.13	0.02	8.3231E-11
rs139309850	A	G	0.14	0.02	8.3265E-11
rs115008246	T	A	0.07	0.01	8.3343E-11
rs573289603	T	G	0.13	0.02	8.3416E-11
rs139479637	A	G	0.13	0.02	8.3437E-11
rs138343454	G	A	0.19	0.03	8.3572E-11
rs114520305	G	A	0.13	0.02	8.3599E-11
rs150284793	A	G	0.03	0.0060561	8.3654E-11
rs11953485	C	T	0.13	0.02	8.3776E-11
rs370838065	T	C	0.08	0.01	8.3958E-11

rs139397847	C	G	0.08	0.01	8.3962E-11
rs79842257	T	C	0.15	0.02	8.3985E-11
rs191549875	T	C	0.21	0.03	8.401E-11
rs368291975	A	G	0.11	0.01	8.4059E-11
rs1455314	T	C	0.19	0.03	8.4081E-11
rs114257439	G	A	0.13	0.02	8.4082E-11
rs78684475	G	A	0.13	0.02	8.4299E-11
rs73040044	C	A	0.13	0.02	8.4305E-11
rs140958672	G	T	0.13	0.02	8.4316E-11
rs78395301	A	G	0.19	0.02	8.4375E-11
rs185225955	T	G	0.14	0.02	8.4414E-11
rs535048322	A	C	0.13	0.02	8.4422E-11
rs75424501	G	A	0.13	0.02	8.446E-11
rs76977291	A	T	0.15	0.02	8.4472E-11
rs183541800	C	T	0.14	0.02	8.4488E-11
rs183966954	T	G	0.05	0.0083231	8.4618E-11
rs561427039	C	T	0.26	0.04	8.4673E-11
rs540616825	G	C	0.17	0.02	8.469E-11
rs116151949	A	G	0.24	0.03	8.4748E-11
rs142635056	T	C	0.13	0.02	8.4787E-11
rs115989753	G	A	0.14	0.02	8.4888E-11
rs572550603	G	T	0.23	0.03	8.4947E-11
rs192260640	A	C	0.21	0.03	8.505E-11
rs547668112	C	T	0.16	0.02	8.5213E-11
rs182161371	T	G	0.13	0.02	8.5271E-11
rs533865123	T	G	0.13	0.02	8.5341E-11
rs144393724	A	G	0.67	0.1	8.536E-11
rs76959369	C	T	0.1	0.01	8.537E-11
rs11574185	T	C	0.26	0.04	8.5499E-11
rs78541912	G	A	1.38	0.21	8.5587E-11
rs78507741	A	G	0.38	0.05	8.5612E-11
rs576309076	A	G	0.07	0.01	8.5649E-11
rs761615845	A	G	0.03	0.0061003	8.5681E-11
rs138875706	A	G	0.06	0.01	8.569E-11
rs187779505	A	G	0.04	0.0066059	8.5709E-11
rs182455984	A	C	0.14	0.02	8.5817E-11
rs146451578	C	A	0.15	0.02	8.5901E-11
rs543744557	T	A	0.15	0.02	8.5905E-11
rs556052289	A	G	0.13	0.02	8.5934E-11
rs73839899	G	C	0.14	0.02	8.595E-11
rs145227650	C	A	0.21	0.03	8.6016E-11
rs57467944	G	A	0.17	0.02	8.6124E-11
rs557831549	T	C	0.13	0.02	8.6127E-11
rs41264719	C	T	0.12	0.01	8.6155E-11
rs189262513	C	G	0.19	0.02	8.6165E-11
rs565212083	A	G	0.12	0.01	8.6176E-11
rs534157407	C	T	0.13	0.02	8.6198E-11
rs550310042	T	G	0.13	0.02	8.6198E-11
rs190685411	T	C	0.67	0.1	8.6236E-11
rs114838810	G	A	0.07	0.01	8.6293E-11
rs113365100	C	T	0.13	0.02	8.6321E-11
rs73854884	A	T	0.13	0.02	8.6352E-11
rs73854886	A	G	0.13	0.02	8.6352E-11
rs532841656	T	C	0.14	0.02	8.6466E-11
rs182593075	G	A	0.13	0.02	8.6506E-11
rs187205181	G	A	0.17	0.02	8.6563E-11
rs74714734	T	C	0.1	0.01	8.6593E-11
rs115502035	C	G	0.12	0.01	8.6752E-11
rs148678021	T	G	0.21	0.03	8.6781E-11
rs114861502	G	A	0.13	0.02	8.6821E-11
rs73752106	A	G	0.13	0.02	8.6824E-11

rs143329922	T	C	0.13	0.02	8.684E-11
rs530921571	T	C	0.13	0.02	8.6922E-11
rs141013796	C	T	0.22	0.03	8.693E-11
rs115996644	C	T	0.13	0.02	8.6986E-11
rs573774801	A	C	0.13	0.02	8.7086E-11
rs114430742	A	G	0.13	0.02	8.7173E-11
rs141207719	A	T	0.13	0.02	8.7223E-11
rs554130777	A	G	2.69	0.41	8.7257E-11
rs573195462	A	C	0.13	0.02	8.729E-11
rs375429698	C	A	0.13	0.02	8.729E-11
rs141223526	T	G	0.2	0.03	8.7305E-11
rs7032855	C	T	0.05	0.0078664	8.7305E-11
rs181613182	A	T	0.16	0.02	8.7332E-11
rs75630066	A	T	0.14	0.02	8.734E-11
rs536710149	G	A	0.13	0.02	8.7378E-11
rs79751312	G	A	0.13	0.02	8.7415E-11
rs556866298	C	A	0.17	0.02	8.7419E-11
rs566712703	T	C	0.14	0.02	8.7439E-11
rs116410747	T	C	0.07	0.01	8.7442E-11
rs7613573	A	G	0.15	0.02	8.7504E-11
rs556781054	G	T	0.04	0.007352	8.7546E-11
rs187261805	T	C	0.13	0.02	8.7555E-11
rs139817128	A	G	0.14	0.02	8.756E-11
rs146316730	C	A	0.11	0.01	8.7595E-11
rs78940699	G	A	0.13	0.02	8.7653E-11
rs12073992	A	T	0.13	0.02	8.7724E-11
rs73040041	T	C	0.13	0.02	8.7758E-11
rs114263527	T	C	0.15	0.02	8.7813E-11
rs142029203	T	A	0.13	0.02	8.7901E-11
rs547337125	C	T	0.26	0.04	8.7929E-11
rs6741375	G	A	0.13	0.02	8.7975E-11
rs74947689	T	A	0.13	0.02	8.8004E-11
rs149476666	T	A	0.13	0.02	8.8073E-11
rs116153455	A	G	0.13	0.02	8.8102E-11
rs190890747	T	C	0.16	0.02	8.8158E-11
rs115222909	T	C	0.06	0.01	8.8525E-11
rs74455236	A	G	0.04	0.0071426	8.8636E-11
rs376136350	T	C	0.27	0.04	8.8678E-11
rs111789921	T	C	0.16	0.02	8.8726E-11
rs574197195	T	C	0.04	0.0076977	8.8874E-11
rs73255092	C	T	0.07	0.01	8.8907E-11
rs374205523	C	G	0.13	0.02	8.8916E-11
rs115420425	C	G	0.11	0.01	8.9031E-11
rs80312973	T	C	0.04	0.0073653	8.9066E-11
rs574352317	A	G	0.14	0.02	8.9163E-11
rs80196832	A	G	0.15	0.02	8.9273E-11
rs115168439	A	G	0.13	0.02	8.934E-11
rs148230694	T	C	0.13	0.02	8.9408E-11
rs79995538	C	T	0.13	0.02	8.95E-11
rs151333178	G	C	0.15	0.02	8.9536E-11
rs550864841	T	C	0.07	0.01	8.9634E-11
rs115139548	C	G	0.1	0.01	8.9707E-11
rs59974744	G	C	0.13	0.02	8.9719E-11
rs150415797	G	C	0.13	0.02	8.9773E-11
rs529963098	C	T	0.07	0.01	8.981E-11
rs149861968	A	G	0.14	0.02	8.9843E-11
rs73841408	T	C	0.14	0.02	8.9971E-11
rs114682448	G	A	0.05	0.0078644	9.0047E-11
rs78562020	C	A	0.13	0.02	9.0121E-11
rs570443260	C	T	0.36	0.05	9.0312E-11
rs116067776	A	G	0.13	0.02	9.0346E-11

rs112042072	T	A	0.13	0.02	9.0401E-11
rs112573294	A	C	0.16	0.02	9.0477E-11
rs77868120	C	G	0.13	0.02	9.0491E-11
rs561504060	G	T	0.13	0.02	9.0498E-11
rs191961740	A	C	0.05	0.0077904	9.0533E-11
rs114200331	T	C	0.13	0.02	9.0542E-11
rs377754611	A	G	0.27	0.04	9.059E-11
rs145085462	A	G	0.34	0.05	9.0667E-11
rs192622581	A	G	0.13	0.02	9.0703E-11
rs114028478	T	C	0.13	0.02	9.0734E-11
rs189535110	G	A	0.16	0.02	9.0749E-11
rs140456435	C	T	0.15	0.02	9.0783E-11
rs150855565	T	C	0.14	0.02	9.0882E-11
rs545176795	T	C	0.13	0.02	9.1017E-11
rs148237752	A	G	0.13	0.02	9.1066E-11
rs567484602	T	C	0.13	0.02	9.1136E-11
rs376497435	T	G	0.15	0.02	9.1257E-11
rs558452649	A	T	0.13	0.02	9.129E-11
rs149747336	T	C	0.45	0.07	9.1294E-11
rs182410500	T	G	0.1	0.01	9.1309E-11
rs138170736	A	G	0.13	0.02	9.1345E-11
rs78177489	A	G	0.05	0.0078648	9.1381E-11
rs142339105	C	T	0.06	0.01	9.1528E-11
rs567267159	G	A	0.07	0.01	9.1555E-11
rs73369972	A	G	0.13	0.02	9.168E-11
rs186143549	T	A	0.22	0.03	9.1801E-11
rs76421837	T	C	0.13	0.02	9.1847E-11
rs115128721	G	C	0.13	0.02	9.1881E-11
rs146826944	C	G	0.15	0.02	9.1984E-11
rs59007577	C	A	0.36	0.05	9.2085E-11
rs7693411	A	C	-0.13	0.02	9.2085E-11
rs115568265	G	A	0.13	0.02	9.2167E-11
rs73536823	A	G	0.16	0.02	9.2194E-11
rs770145590	T	G	0.03	0.0050175	9.2223E-11
rs56856122	G	A	0.06	0.01	9.2294E-11
rs115790124	T	C	0.65	0.1	9.2399E-11
rs371322784	A	C	0.14	0.02	9.2438E-11
rs80224603	C	A	0.13	0.02	9.2525E-11
rs552334898	T	C	0.03	0.0048537	9.2592E-11
rs145397165	A	G	0.06	0.01	9.2597E-11
rs116154834	A	C	0.13	0.02	9.2699E-11
rs76357186	G	A	0.13	0.02	9.2757E-11
rs59544005	G	T	0.13	0.02	9.2824E-11
rs12070265	A	G	0.13	0.02	9.2841E-11
rs78296102	C	T	0.04	0.0069611	9.2896E-11
rs148527398	G	A	0.13	0.02	9.2897E-11
rs143238086	C	G	0.16	0.02	9.3022E-11
rs76735289	G	A	0.06	0.01	9.3027E-11
rs145502327	G	A	0.1	0.01	9.3039E-11
rs115052502	G	C	0.08	0.01	9.3154E-11
rs111878645	G	C	0.13	0.02	9.3163E-11
rs114453787	T	C	0.17	0.02	9.3333E-11
rs7009625	A	G	0.13	0.02	9.3493E-11
rs58956639	G	T	0.13	0.02	9.3546E-11
rs116254108	C	A	0.13	0.02	9.3549E-11
rs188542898	G	C	0.11	0.01	9.3556E-11
rs571646717	T	C	0.14	0.02	9.3562E-11
rs111267456	C	T	0.14	0.02	9.3612E-11
rs6726683	G	A	0.12	0.01	9.3668E-11
rs144132246	T	C	0.13	0.02	9.3714E-11
rs147709027	G	A	0.13	0.02	9.3714E-11

rs149313672	G	A	0.13	0.02	9.3763E-11
rs112387602	G	A	0.13	0.02	9.3764E-11
rs538996787	T	C	0.13	0.02	9.3835E-11
rs112509809	A	C	0.07	0.01	9.3899E-11
rs555191851	A	G	0.13	0.02	9.3952E-11
rs144484798	A	G	0.13	0.02	9.4002E-11
rs188821951	T	C	0.07	0.01	9.4009E-11
rs77820321	C	T	0.13	0.02	9.402E-11
rs749509675	C	G	0.04	0.0062455	9.4048E-11
rs73090645	A	G	0.05	0.0089819	9.4101E-11
rs73839897	C	T	0.14	0.02	9.4128E-11
rs537547172	G	A	0.24	0.03	9.4169E-11
rs118020023	G	A	0.13	0.02	9.427E-11
rs114581132	A	G	0.13	0.02	9.433E-11
rs142491931	A	G	0.13	0.02	9.4339E-11
rs568638462	G	C	0.12	0.02	9.4393E-11
rs149588418	T	G	0.13	0.02	9.4456E-11
rs75337393	C	A	0.13	0.02	9.4466E-11
rs142137382	A	G	0.13	0.02	9.4544E-11
rs74738891	A	G	0.1	0.01	9.4584E-11
rs11940094	T	C	0.05	0.0085122	9.4629E-11
rs150397457	A	C	0.14	0.02	9.465E-11
rs141414863	C	T	0.13	0.02	9.4684E-11
rs570092495	A	C	0.19	0.03	9.4687E-11
rs527901394	T	C	0.13	0.02	9.4896E-11
rs142872030	G	C	0.14	0.02	9.4986E-11
rs143785344	C	G	0.14	0.02	9.504E-11
rs116679512	T	C	0.11	0.01	9.5044E-11
rs73050265	G	T	0.13	0.02	9.5083E-11
rs557116841	T	C	0.04	0.0063347	9.5099E-11
rs113473600	A	G	0.13	0.02	9.5145E-11
rs10479680	G	A	0.13	0.02	9.5174E-11
rs766044367	A	G	0.03	0.0057341	9.5237E-11
rs11941382	T	C	0.27	0.04	9.525E-11
rs189388302	T	C	0.2	0.03	9.5288E-11
rs112841519	C	T	0.14	0.02	9.531E-11
rs74687201	G	A	0.15	0.02	9.5366E-11
rs150858640	T	C	0.13	0.02	9.565E-11
rs116120247	T	C	0.13	0.02	9.565E-11
rs12029181	C	G	0.08	0.01	9.567E-11
rs2610991	A	G	0.13	0.02	9.5737E-11
rs375641620	G	A	0.14	0.02	9.5759E-11
rs9990902	G	A	0.13	0.02	9.5834E-11
rs115751422	A	T	0.11	0.01	9.5842E-11
rs181069333	A	C	0.14	0.02	9.592E-11
rs149966115	A	G	0.14	0.02	9.6004E-11
rs115835647	A	G	0.14	0.02	9.6021E-11
rs568516346	T	C	0.06	0.01	9.6025E-11
rs148624804	G	T	0.13	0.02	9.6041E-11
rs372739410	T	C	0.13	0.02	9.6078E-11
rs76223561	T	C	0.14	0.02	9.6118E-11
rs78628761	T	C	0.15	0.02	9.6146E-11
rs546716924	G	C	0.13	0.02	9.6167E-11
rs77582580	A	T	0.14	0.02	9.6274E-11
rs148810303	C	T	0.14	0.02	9.6288E-11
rs567880212	G	A	0.14	0.02	9.6347E-11
rs79566716	A	G	0.09	0.01	9.6536E-11
rs186842800	C	T	0.29	0.04	9.6549E-11
rs191830746	T	A	0.13	0.02	9.6677E-11
rs565066442	A	G	0.14	0.02	9.6764E-11
rs568113897	T	A	0.13	0.02	9.6836E-11

rs78635463	A	C	0.13	0.02	9.6868E-11
rs563186114	C	G	0.13	0.02	9.6911E-11
rs141444998	T	C	0.13	0.02	9.7079E-11
rs546496530	C	T	0.14	0.02	9.7101E-11
rs184418604	T	C	0.09	0.01	9.7168E-11
rs115115248	A	G	0.1	0.01	9.725E-11
rs78654205	T	G	0.1	0.01	9.725E-11
rs80002842	T	G	0.1	0.01	9.7323E-11
rs112401038	C	A	0.13	0.02	9.7364E-11
rs78342523	T	C	0.13	0.02	9.7397E-11
rs150391880	C	A	0.22	0.03	9.7468E-11
rs139140039	T	C	0.13	0.02	9.7503E-11
rs147353457	G	A	0.15	0.02	9.7511E-11
rs533530188	T	C	0.13	0.02	9.7577E-11
rs117743234	G	A	0.03	0.0053291	9.7659E-11
rs80243043	G	A	0.13	0.02	9.7685E-11
rs146010974	T	C	0.04	0.0073289	9.7729E-11
rs150736291	C	T	0.13	0.02	9.7827E-11
rs111402175	T	C	0.13	0.02	9.7852E-11
rs79325515	G	C	0.13	0.02	9.7931E-11
rs77080715	C	T	0.13	0.02	9.8039E-11
rs111375706	T	G	0.14	0.02	9.8246E-11
rs73841420	A	T	0.14	0.02	9.8284E-11
rs12076713	C	T	0.13	0.02	9.8324E-11
rs115778758	T	G	0.06	0.01	9.8333E-11
rs75865339	C	T	0.1	0.01	9.842E-11
rs148904078	A	G	0.13	0.02	9.8453E-11
rs10186280	C	T	0.13	0.02	9.846E-11
rs116053483	G	C	0.07	0.01	9.8566E-11
rs140801661	C	T	0.15	0.02	9.8726E-11
rs144199167	T	C	0.13	0.02	9.8781E-11
6:77090166_A_G	G	A	0.05	0.0092687	9.8798E-11
rs191863747	G	A	0.07	0.01	9.8873E-11
rs144874125	C	G	0.13	0.02	9.8903E-11
rs140984266	G	C	0.13	0.02	9.8984E-11
rs191124841	C	G	0.13	0.02	9.9133E-11
rs149124177	C	A	0.13	0.02	9.9149E-11
rs566041802	G	T	0.09	0.01	9.9208E-11
rs79120625	A	G	0.09	0.01	9.9215E-11
rs146091826	T	C	0.29	0.04	9.9703E-11
rs116256944	G	T	0.13	0.02	9.9801E-11
rs77241519	T	G	0.14	0.02	9.9805E-11
rs77777700	T	C	0.14	0.02	1.0001E-10
rs527836725	G	A	0.03	0.0053894	1.0012E-10
rs146352456	T	C	0.13	0.02	1.0019E-10
rs540181875	G	A	0.16	0.02	1.0022E-10
rs140169143	T	C	0.08	0.01	1.0031E-10
rs80060914	T	C	0.14	0.02	1.0037E-10
rs141703977	C	A	0.13	0.02	1.0044E-10
rs377241110	T	C	0.24	0.03	1.0051E-10
rs484346	G	A	-0.03	0.0056517	1.0054E-10
rs543395416	T	A	0.14	0.02	1.0061E-10
rs181641255	A	C	0.06	0.01	1.0065E-10
rs116613139	A	C	0.13	0.02	1.0066E-10
rs189129026	C	G	0.55	0.08	1.0066E-10
rs78522306	G	A	0.13	0.02	1.0074E-10
rs143264038	G	A	0.14	0.02	1.0076E-10
rs111354798	T	C	0.13	0.02	1.0079E-10
rs182291637	C	T	0.3	0.04	1.0079E-10
rs12064714	G	A	0.07	0.01	1.0085E-10
rs73680149	A	G	0.13	0.02	1.0088E-10

rs114678256	T	C	0.27	0.04	1.0092E-10
rs144113900	C	T	0.13	0.02	1.0099E-10
rs118150043	T	C	0.13	0.02	1.01E-10
rs114670708	T	C	0.08	0.01	1.0101E-10
rs186805398	C	T	0.53	0.08	1.0101E-10
rs150574816	C	A	0.13	0.02	1.0103E-10
rs10926144	G	T	0.07	0.01	1.0114E-10
rs117682128	G	A	0.15	0.02	1.0116E-10
rs79012325	C	T	0.13	0.02	1.0119E-10
rs115592712	T	G	0.14	0.02	1.0137E-10
rs566482995	A	G	0.18	0.02	1.0144E-10
rs114584254	T	C	0.14	0.02	1.0157E-10
rs116994984	T	G	0.13	0.02	1.0159E-10
rs79088502	A	G	0.1	0.01	1.017E-10
rs151284076	A	G	0.13	0.02	1.0178E-10
rs146809830	C	T	0.13	0.02	1.0189E-10
rs112675606	G	C	0.13	0.02	1.0201E-10
rs114635794	C	T	0.13	0.02	1.0212E-10
rs557495611	G	C	0.15	0.02	1.0215E-10
rs186272143	A	C	0.35	0.05	1.0222E-10
rs116681840	C	G	0.04	0.0076709	1.0223E-10
rs140786849	A	T	0.13	0.02	1.0224E-10
rs79044836	G	A	0.13	0.02	1.024E-10
rs139996355	G	A	0.13	0.02	1.0241E-10
rs114945306	A	C	0.13	0.02	1.0242E-10
rs144225595	T	C	0.13	0.02	1.0245E-10
rs114161037	T	C	0.13	0.02	1.0253E-10
rs147729661	C	T	0.11	0.01	1.0263E-10
rs187682014	A	G	0.13	0.02	1.0264E-10
rs149369004	A	G	0.08	0.01	1.0279E-10
rs181102138	T	C	0.06	0.0094299	1.0289E-10
rs190818041	A	C	0.13	0.02	1.0298E-10
rs57593185	C	T	0.13	0.02	1.031E-10
rs113225630	A	G	0.13	0.02	1.0333E-10
rs192177089	T	A	0.06	0.01	1.0335E-10
rs56249671	A	T	0.13	0.02	1.0346E-10
rs116703399	A	G	0.11	0.01	1.0358E-10
rs138996836	G	C	0.14	0.02	1.0366E-10
rs147954840	A	G	0.13	0.02	1.0411E-10
rs60019015	G	A	0.12	0.01	1.0415E-10
rs146715552	T	G	0.13	0.02	1.0418E-10
rs111984616	G	T	0.13	0.02	1.0425E-10
rs190114004	G	A	0.07	0.01	1.0432E-10
rs140240269	T	A	0.13	0.02	1.0438E-10
rs142370357	T	C	0.2	0.03	1.0455E-10
rs145865870	A	G	0.01	0.0025638	1.0455E-10
rs74622409	A	G	2.86	0.44	1.0476E-10
rs182346884	A	G	0.15	0.02	1.0476E-10
rs576636854	A	G	0.18	0.02	1.0488E-10
rs140009987	G	A	0.13	0.02	1.0515E-10
rs145290730	G	C	0.13	0.02	1.0516E-10
rs575454664	C	T	0.13	0.02	1.0527E-10
rs149483694	C	G	0.2	0.03	1.0539E-10
rs111744487	A	C	0.16	0.02	1.0545E-10
rs16915288	T	C	0.06	0.01	1.0564E-10
rs115535989	A	T	0.17	0.02	1.0567E-10
rs16915293	A	G	0.06	0.01	1.0573E-10
rs6744833	G	A	0.11	0.01	1.0594E-10
rs75546252	A	G	0.13	0.02	1.0601E-10
rs12328479	A	G	0.07	0.01	1.0603E-10
rs151231170	G	A	0.13	0.02	1.0606E-10

rs143661243	A	G	0.17	0.02	1.0608E-10
rs551333987	A	G	0.53	0.08	1.0613E-10
rs139367066	C	T	0.26	0.04	1.0617E-10
rs139414190	G	A	0.13	0.02	1.0621E-10
rs776287646	C	T	0.02	0.004049	1.0621E-10
rs145402595	C	A	0.17	0.02	1.0634E-10
rs144244933	C	T	0.09	0.01	1.0642E-10
rs112488246	G	A	0.16	0.02	1.0644E-10
rs115222708	G	A	0.13	0.02	1.0654E-10
rs114237708	T	G	0.06	0.01	1.066E-10
rs146090106	T	G	0.13	0.02	1.0663E-10
rs182483688	G	A	0.05	0.0087914	1.0665E-10
rs55729527	T	C	0.12	0.01	1.0666E-10
rs190112472	A	C	0.13	0.02	1.067E-10
rs191269994	A	C	0.15	0.02	1.068E-10
rs111759218	A	C	0.13	0.02	1.0685E-10
rs114718875	T	G	0.06	0.01	1.0689E-10
rs137985718	A	G	0.13	0.02	1.0691E-10
rs148569008	T	C	1.39	0.21	1.0692E-10
rs572901133	A	G	0.16	0.02	1.0699E-10
rs73680187	T	C	0.06	0.01	1.0701E-10
rs76765321	T	G	0.13	0.02	1.0716E-10
rs151309924	A	G	0.08	0.01	1.0734E-10
rs6684856	C	T	0.06	0.01	1.0739E-10
rs773747444	G	T	0.05	0.00795	1.0745E-10
rs148718776	C	T	0.13	0.02	1.075E-10
rs116647487	A	C	0.13	0.02	1.0754E-10
rs116765371	G	C	0.09	0.01	1.0755E-10
rs568229295	T	C	0.28	0.04	1.0768E-10
rs141888815	G	A	0.07	0.01	1.0782E-10
rs180991058	A	C	0.15	0.02	1.079E-10
rs187735412	C	A	0.03	0.0057808	1.0801E-10
rs80202486	T	C	0.08	0.01	1.0823E-10
rs144052170	C	T	0.16	0.02	1.0824E-10
rs540069709	C	G	0.13	0.02	1.0828E-10
rs558575192	A	G	0.05	0.0089357	1.084E-10
rs377730024	T	C	0.07	0.01	1.0851E-10
rs181897846	G	T	0.21	0.03	1.0857E-10
rs184976134	A	G	0.21	0.03	1.0876E-10
rs75604073	T	C	0.13	0.02	1.0882E-10
rs148765862	A	T	0.24	0.03	1.0894E-10
rs539906901	C	A	0.5	0.07	1.0894E-10
rs148179757	T	C	0.13	0.02	1.0901E-10
rs753509102	C	T	0.12	0.01	1.0903E-10
rs76605525	G	T	0.04	0.0072244	1.0906E-10
rs115348227	G	A	0.13	0.02	1.0911E-10
rs559738832	G	A	0.07	0.01	1.0925E-10
rs143273229	C	G	0.13	0.02	1.0935E-10
rs114627902	A	G	0.13	0.02	1.0946E-10
rs148573222	A	G	0.07	0.01	1.0957E-10
rs370587548	C	T	0.16	0.02	1.0979E-10
rs75615014	A	C	0.1	0.01	1.0991E-10
rs557424316	G	T	0.13	0.02	1.0998E-10
rs114134773	G	A	0.13	0.02	1.1034E-10
rs10043892	C	T	0.14	0.02	1.1039E-10
rs189445895	T	G	0.17	0.02	1.1045E-10
rs190948786	C	T	0.33	0.05	1.1046E-10
rs149568875	G	T	0.13	0.02	1.1046E-10
rs138679148	C	T	0.11	0.01	1.105E-10
rs116598387	T	C	0.06	0.01	1.1052E-10
rs74918522	G	T	0.13	0.02	1.1055E-10



rs140144041	T	C	0.13	0.02	1.106E-10
rs569058730	A	G	0.05	0.0090433	1.1061E-10
rs149992700	C	T	0.12	0.02	1.1063E-10
rs529676403	C	G	0.13	0.02	1.1065E-10
rs140658134	T	A	0.13	0.02	1.1079E-10
rs587703937	G	A	0.14	0.02	1.1109E-10
rs139020766	T	C	0.13	0.02	1.1121E-10
rs565271718	C	T	0.07	0.01	1.1132E-10
rs150048963	G	A	0.13	0.02	1.1135E-10
rs138401319	T	C	0.29	0.04	1.1136E-10
rs557472034	G	A	0.13	0.02	1.1137E-10
rs531906262	C	T	0.13	0.02	1.1137E-10
rs11097975	A	T	-0.13	0.02	1.1142E-10
rs75134810	T	A	0.17	0.02	1.1143E-10
rs146558294	T	C	0.12	0.01	1.1148E-10
rs191570521	C	T	0.5	0.07	1.1154E-10
rs528793482	A	C	0.13	0.02	1.1161E-10
rs185049692	A	G	0.08	0.01	1.1171E-10
rs534878292	A	G	0.07	0.01	1.1186E-10
rs139802540	A	G	0.13	0.02	1.1194E-10
rs544761771	T	C	0.12	0.01	1.1204E-10
rs76970139	A	C	0.23	0.03	1.1213E-10
rs142066685	C	T	0.13	0.02	1.1214E-10
rs116191980	A	T	0.25	0.03	1.1216E-10
rs149877859	C	T	0.13	0.02	1.1233E-10
rs148194728	A	C	0.13	0.02	1.1233E-10
rs112917021	A	C	0.13	0.02	1.124E-10
rs189199834	T	C	0.05	0.0089129	1.1242E-10
rs185168275	A	C	0.5	0.07	1.1242E-10
rs73841422	T	C	0.13	0.02	1.1248E-10
rs75221337	A	C	0.12	0.01	1.1265E-10
rs114222893	C	T	0.17	0.02	1.127E-10
rs113515557	A	G	0.13	0.02	1.1276E-10
rs75458806	T	C	0.13	0.02	1.128E-10
rs188311790	A	G	0.27	0.04	1.1283E-10
rs551438941	A	G	0.06	0.01	1.1288E-10
rs150466190	G	C	0.24	0.03	1.129E-10
rs567150329	G	A	0.13	0.02	1.1294E-10
rs150085168	G	C	0.13	0.02	1.1298E-10
rs3124518	T	C	-0.04	0.0072741	1.1316E-10
rs77554220	T	C	0.13	0.02	1.1328E-10
rs553544119	C	T	0.13	0.02	1.1339E-10
rs537247325	C	A	0.15	0.02	1.134E-10
rs146295354	T	C	0.05	0.0085581	1.1343E-10
rs189048454	T	C	0.56	0.08	1.1359E-10
rs550429354	C	T	0.52	0.08	1.136E-10
rs147697449	G	A	0.13	0.02	1.1365E-10
rs557530492	T	C	0.11	0.01	1.1371E-10
rs73855366	T	C	0.13	0.02	1.1392E-10
rs189924189	T	C	0.22	0.03	1.1399E-10
rs78189884	G	T	0.11	0.01	1.1399E-10
rs113245796	T	C	0.13	0.02	1.1405E-10
rs78768336	C	A	0.03	0.0059276	1.1406E-10
rs73654247	T	C	0.03	0.0056654	1.1408E-10
rs79916176	C	T	0.15	0.02	1.1429E-10
rs142006760	A	G	0.13	0.02	1.1433E-10
rs114614773	G	A	0.11	0.01	1.1437E-10
rs187394098	A	C	0.08	0.01	1.1442E-10
rs181306804	T	A	0.27	0.04	1.145E-10
rs144388817	G	A	0.17	0.02	1.1456E-10
rs77746409	C	T	0.13	0.02	1.1459E-10

rs558829827	T	C	0.09	0.01	1.1462E-10
rs528704928	T	A	0.06	0.01	1.1462E-10
rs112557156	T	C	0.13	0.02	1.1476E-10
rs72864686	G	C	0.11	0.01	1.1478E-10
rs17057561	C	T	0.13	0.02	1.1481E-10
rs184109377	T	C	0.13	0.02	1.1492E-10
rs114041034	T	C	0.13	0.02	1.1496E-10
rs112572709	G	A	0.13	0.02	1.1514E-10
rs7924181	A	G	0.17	0.02	1.1522E-10
rs146607046	A	G	0.11	0.01	1.1539E-10
rs185928038	G	A	0.27	0.04	1.1552E-10
rs76854134	C	T	0.07	0.01	1.1552E-10
rs143954785	A	G	0.13	0.02	1.156E-10
rs149067603	T	A	0.17	0.02	1.156E-10
rs545717923	C	G	0.14	0.02	1.1567E-10
rs114535649	C	T	0.13	0.02	1.157E-10
rs572374546	C	T	0.02	0.0040838	1.1578E-10
rs536090315	A	G	0.13	0.02	1.1587E-10
rs114324120	T	C	0.21	0.03	1.1593E-10
rs76810769	G	A	0.13	0.02	1.16E-10
rs115165609	T	C	0.06	0.0098009	1.1607E-10
rs148635241	C	A	0.13	0.02	1.1608E-10
rs535341023	C	A	0.06	0.01	1.1617E-10
rs149771650	T	G	0.13	0.02	1.1618E-10
rs375139920	T	C	0.12	0.01	1.1619E-10
rs113536462	A	G	0.07	0.01	1.1625E-10
rs141329384	A	G	0.19	0.03	1.1648E-10
rs115185331	G	C	0.13	0.02	1.1653E-10
rs9386957	A	G	0.22	0.03	1.1655E-10
rs138030629	T	C	0.06	0.01	1.1699E-10
rs747242845	A	G	0.03	0.0052322	1.1699E-10
rs576895968	G	C	0.1	0.01	1.1707E-10
rs77257813	A	G	0.13	0.02	1.1717E-10
rs77508474	C	G	0.07	0.01	1.1724E-10
rs73301671	A	G	0.1	0.01	1.1725E-10
rs76525495	G	A	0.13	0.02	1.1729E-10
rs28654595	T	C	0.07	0.01	1.1731E-10
rs114823629	C	T	0.23	0.03	1.1734E-10
rs371021401	C	T	0.1	0.01	1.175E-10
rs567792983	G	A	0.07	0.01	1.1752E-10
rs371009923	C	T	0.16	0.02	1.1767E-10
rs73841412	A	G	0.14	0.02	1.1777E-10
rs138362774	C	T	0.13	0.02	1.178E-10
rs116488811	G	A	0.14	0.02	1.181E-10
rs115831012	A	G	0.04	0.007241	1.1828E-10
rs576600209	C	T	0.13	0.02	1.1829E-10
rs576485472	A	G	0.07	0.01	1.1833E-10
rs116368780	G	T	0.1	0.01	1.1838E-10
rs114787495	C	T	0.52	0.08	1.184E-10
rs77932594	G	A	0.13	0.02	1.1852E-10
rs542263639	A	G	0.03	0.0058549	1.1868E-10
rs142396724	T	C	0.13	0.02	1.1871E-10
rs75887102	T	C	0.13	0.02	1.1879E-10
rs140498621	A	G	0.15	0.02	1.1906E-10
rs748169648	T	C	0.05	0.0080024	1.1912E-10
rs137937739	C	T	0.13	0.02	1.1916E-10
rs28367961	T	C	0.13	0.02	1.1926E-10
rs58918187	A	G	0.07	0.01	1.193E-10
rs190943129	C	A	0.13	0.02	1.1935E-10
rs150063692	A	G	0.13	0.02	1.1938E-10
rs187042687	A	G	0.09	0.01	1.194E-10

rs140343067	G	C	0.14	0.02	1.1951E-10
rs77222604	C	T	0.13	0.02	1.1961E-10
rs140314956	C	T	0.33	0.05	1.1965E-10
rs76797415	A	G	0.06	0.01	1.1972E-10
rs540059828	A	G	0.19	0.03	1.1972E-10
rs148286075	T	C	0.13	0.02	1.1978E-10
rs57116696	A	C	0.13	0.02	1.1994E-10
rs1649227	C	A	0.13	0.02	1.2012E-10
rs147746312	T	C	0.13	0.02	1.2027E-10
rs28519489	A	G	0.14	0.02	1.203E-10
rs115818600	C	G	0.13	0.02	1.2036E-10
rs115057715	A	G	0.1	0.01	1.2057E-10
rs565101443	T	C	0.41	0.06	1.2058E-10
rs139908148	A	G	0.14	0.02	1.2061E-10
rs78436006	A	C	0.03	0.0056706	1.2078E-10
rs116271308	T	C	0.17	0.02	1.2079E-10
rs148287734	G	T	0.13	0.02	1.2083E-10
rs112358467	A	G	0.13	0.02	1.2094E-10
rs370195132	A	C	0.13	0.02	1.2095E-10
rs116067029	T	C	0.13	0.02	1.2096E-10
rs185730555	G	A	0.13	0.02	1.2101E-10
rs116551188	T	C	0.13	0.02	1.211E-10
rs139368229	T	C	0.1	0.01	1.2113E-10
rs180752152	C	G	0.13	0.02	1.2114E-10
rs770721988	A	G	0.04	0.0069695	1.2115E-10
rs139424572	C	G	0.13	0.02	1.2116E-10
rs73705782	A	T	0.06	0.01	1.2125E-10
rs111944750	T	C	0.13	0.02	1.213E-10
rs75810222	T	C	0.09	0.01	1.2133E-10
rs146471972	T	G	0.13	0.02	1.2145E-10
rs183287221	A	G	0.13	0.02	1.2155E-10
rs73088165	T	G	0.12	0.01	1.2158E-10
rs572556383	A	G	0.17	0.02	1.2173E-10
rs569912250	G	T	0.06	0.0099849	1.2194E-10
rs111654218	T	C	0.06	0.01	1.22E-10
rs115555801	T	A	0.13	0.02	1.2202E-10
rs145707120	A	G	0.13	0.02	1.2209E-10
rs141696484	T	A	0.13	0.02	1.2209E-10
rs115047953	C	T	0.02	0.0034198	1.2218E-10
rs144147504	T	C	0.15	0.02	1.2225E-10
rs548551983	G	C	0.03	0.0060714	1.2234E-10
rs73317352	G	T	0.32	0.05	1.225E-10
rs77672157	A	T	0.06	0.01	1.2251E-10
rs371666147	G	A	0.13	0.02	1.2256E-10
rs192578589	A	G	0.13	0.02	1.2259E-10
rs114247458	A	G	0.13	0.02	1.2259E-10
rs189733732	T	G	0.21	0.03	1.2261E-10
rs73380626	C	T	0.13	0.02	1.2297E-10
rs541678663	C	T	0.3	0.04	1.2301E-10
rs116194440	C	T	0.05	0.0078782	1.2324E-10
rs185660602	A	G	0.17	0.02	1.233E-10
rs368496332	A	G	0.13	0.02	1.234E-10
rs144029001	G	A	0.12	0.01	1.2344E-10
rs145035211	C	G	0.13	0.02	1.2347E-10
rs116084452	G	A	0.07	0.01	1.2348E-10
rs73803474	T	A	0.13	0.02	1.2358E-10
rs186369160	A	G	0.12	0.01	1.2359E-10
rs117600321	A	T	0.06	0.01	1.2379E-10
rs114566171	A	G	0.37	0.05	1.2394E-10
rs137895086	T	C	0.13	0.02	1.2401E-10
rs182147088	T	A	0.13	0.02	1.2412E-10

rs73255011	G	A	0.07	0.01	1.2412E-10
rs76878981	T	C	0.36	0.05	1.2417E-10
rs114653125	A	G	0.13	0.02	1.2418E-10
rs146758793	A	G	0.13	0.02	1.242E-10
rs115317300	G	A	0.42	0.06	1.2441E-10
rs12028973	A	G	0.1	0.01	1.246E-10
rs72726166	A	G	0.06	0.01	1.2473E-10
rs561162330	A	G	0.23	0.03	1.248E-10
rs111815092	G	C	0.13	0.02	1.2482E-10
rs368102602	A	G	0.13	0.02	1.2491E-10
rs145844726	A	C	0.07	0.01	1.2491E-10
rs73255083	A	C	0.07	0.01	1.2495E-10
rs73121218	A	C	0.08	0.01	1.25E-10
rs116302442	T	A	0.07	0.01	1.2501E-10
rs537840023	G	A	0.12	0.01	1.2512E-10
rs141755979	A	G	0.06	0.01	1.2528E-10
rs75745826	T	A	0.13	0.02	1.2544E-10
rs139053293	G	A	0.13	0.02	1.2553E-10
rs150288145	G	A	0.15	0.02	1.256E-10
rs527691854	A	G	0.19	0.02	1.2571E-10
rs191313533	G	A	0.15	0.02	1.2571E-10
rs377361652	T	C	0.34	0.05	1.2595E-10
rs73255020	A	G	0.07	0.01	1.2602E-10
rs149974643	G	A	0.13	0.02	1.2603E-10
rs115121143	A	G	0.13	0.02	1.2612E-10
rs183996138	T	C	0.16	0.02	1.2619E-10
rs73705781	A	G	0.06	0.01	1.262E-10
rs145589278	A	G	0.13	0.02	1.2622E-10
rs79814593	G	A	0.13	0.02	1.2638E-10
rs73538939	A	G	0.16	0.02	1.264E-10
rs73857224	G	A	0.13	0.02	1.2642E-10
rs9321138	A	C	0.18	0.02	1.2646E-10
rs138927198	C	T	0.2	0.03	1.2658E-10
rs141039985	G	C	0.13	0.02	1.2659E-10
rs544616017	A	G	0.13	0.02	1.2669E-10
rs552532513	A	G	0.06	0.01	1.267E-10
rs150054444	C	T	0.33	0.05	1.2675E-10
rs148144362	C	T	0.06	0.01	1.2694E-10
rs768533695	G	T	0.04	0.0062971	1.2702E-10
rs542137258	T	A	0.14	0.02	1.271E-10
rs148023882	T	A	0.93	0.14	1.2714E-10
rs5644448599	C	T	0.13	0.02	1.2722E-10
rs114262029	G	T	0.14	0.02	1.2744E-10
rs112996988	C	T	0.14	0.02	1.2755E-10
rs113692421	T	C	0.07	0.01	1.2755E-10
rs782706584	A	C	0.06	0.01	1.2761E-10
rs112597762	G	T	0.14	0.02	1.2764E-10
rs113829969	A	T	0.14	0.02	1.2764E-10
rs200108650	T	C	0.51	0.07	1.2765E-10
rs115130504	A	T	0.13	0.02	1.2772E-10
rs142157785	C	T	0.13	0.02	1.2819E-10
rs189908863	T	C	0.13	0.02	1.2832E-10
rs73103192	T	C	0.05	0.0088915	1.2834E-10
rs144993601	G	T	0.29	0.04	1.2835E-10
rs116228844	G	C	0.13	0.02	1.2842E-10
rs141114448	A	C	0.17	0.02	1.2856E-10
rs6811474	G	A	0.04	0.0067568	1.2858E-10
rs145799350	G	A	0.11	0.01	1.2862E-10
rs113563274	T	C	0.14	0.02	1.2862E-10
rs115614505	A	C	0.14	0.02	1.2862E-10
rs554687714	A	G	0.13	0.02	1.2866E-10

rs578023859	T	C	0.25	0.03	1.2868E-10
rs149674164	G	C	0.13	0.02	1.2875E-10
rs77433886	G	C	0.15	0.02	1.2876E-10
rs182076268	C	A	0.13	0.02	1.2886E-10
rs76873843	C	T	0.13	0.02	1.2894E-10
rs541049607	C	T	0.13	0.02	1.2901E-10
rs142522636	C	T	0.13	0.02	1.2913E-10
rs182020039	G	A	0.06	0.01	1.2923E-10
rs374313695	A	C	0.13	0.02	1.2924E-10
rs139417434	T	C	0.13	0.02	1.2933E-10
rs144453356	G	A	0.13	0.02	1.2933E-10
rs146731778	T	G	4.94	0.76	1.2936E-10
rs556740474	C	A	0.13	0.02	1.2946E-10
rs111792152	T	C	0.17	0.02	1.2947E-10
rs147909225	T	A	0.13	0.02	1.2951E-10
rs114576249	C	T	0.14	0.02	1.2954E-10
rs147648809	A	G	0.13	0.02	1.2968E-10
rs577504833	A	G	0.13	0.02	1.2971E-10
rs150913690	G	C	0.06	0.01	1.2976E-10
rs190055762	G	C	0.38	0.06	1.2986E-10
rs539372342	C	T	0.13	0.02	1.3001E-10
rs139237486	G	A	0.16	0.02	1.302E-10
rs147560598	C	T	0.13	0.02	1.3023E-10
rs146526148	C	A	0.16	0.02	1.3023E-10
rs73255085	A	G	0.07	0.01	1.3027E-10
rs144604581	A	C	0.14	0.02	1.3045E-10
rs192366886	G	A	0.13	0.02	1.3049E-10
rs111944654	A	G	0.13	0.02	1.3058E-10
rs187855837	C	T	0.12	0.01	1.306E-10
rs143343809	A	G	0.13	0.02	1.3071E-10
rs548752829	G	C	0.13	0.02	1.3075E-10
rs549469098	A	G	0.13	0.02	1.3075E-10
rs563948031	G	A	0.13	0.02	1.3075E-10
rs572634235	A	G	0.13	0.02	1.3075E-10
rs147177443	T	C	0.06	0.01	1.3077E-10
rs145523259	G	A	0.06	0.01	1.3095E-10
rs137979848	C	T	0.13	0.02	1.3133E-10
rs147976325	A	G	0.13	0.02	1.3136E-10
rs180712347	G	A	0.19	0.03	1.3156E-10
rs533574689	C	T	0.17	0.02	1.3159E-10
rs139161231	T	G	0.13	0.02	1.316E-10
rs146735840	T	G	0.13	0.02	1.316E-10
rs192141812	A	G	0.13	0.02	1.3161E-10
rs28493501	T	C	0.13	0.02	1.3171E-10
rs17125996	G	A	0.13	0.02	1.318E-10
rs116136376	C	T	0.13	0.02	1.3186E-10
rs541600454	G	A	0.17	0.02	1.3188E-10
rs138790678	C	T	0.13	0.02	1.3192E-10
rs541133761	G	A	0.38	0.05	1.3192E-10
rs188420346	T	G	0.34	0.05	1.3201E-10
rs113367831	A	G	0.25	0.03	1.3205E-10
rs111449110	A	G	0.13	0.02	1.3208E-10
rs538092601	G	A	0.13	0.02	1.3216E-10
rs543059264	G	C	0.11	0.01	1.3238E-10
rs140849653	T	A	0.13	0.02	1.3252E-10
rs115327941	A	G	0.12	0.01	1.3253E-10
rs114354441	A	G	0.13	0.02	1.3254E-10
rs146421714	A	C	0.13	0.02	1.3264E-10
rs142468759	A	G	0.06	0.01	1.3264E-10
rs2759256	A	G	-0.16	0.02	1.3275E-10
rs190762989	T	C	0.13	0.02	1.3278E-10

rs60408912	C	T	0.08	0.01	1.3284E-10
rs111679903	T	C	0.17	0.02	1.3308E-10
rs112404849	A	G	0.06	0.01	1.331E-10
rs139509880	C	T	0.13	0.02	1.3311E-10
rs145061120	G	A	0.13	0.02	1.3312E-10
rs73401715	C	T	0.07	0.01	1.3349E-10
rs56200956	A	G	0.03	0.0062063	1.3355E-10
rs561344348	G	A	0.14	0.02	1.3362E-10
rs146010335	C	G	0.13	0.02	1.3364E-10
rs28545152	C	G	0.13	0.02	1.3369E-10
rs557518741	A	G	0.33	0.05	1.3371E-10
rs73628564	C	A	0.13	0.02	1.3376E-10
4:86812144_T_A	A	T	0.04	0.0065259	1.3381E-10
rs189465902	A	G	0.06	0.009584	1.3388E-10
rs117118545	T	C	0.22	0.03	1.3394E-10
rs78661940	C	T	0.12	0.01	1.3399E-10
rs114242541	C	A	0.14	0.02	1.3419E-10
rs115041208	A	G	0.14	0.02	1.3429E-10
rs188596780	T	C	0.14	0.02	1.3433E-10
rs77735331	G	C	0.14	0.02	1.3446E-10
rs139228192	T	A	0.13	0.02	1.3449E-10
rs544377718	T	C	0.13	0.02	1.3462E-10
rs142503468	T	G	0.09	0.01	1.3463E-10
rs145590556	C	T	0.14	0.02	1.3466E-10
rs146023512	T	C	0.13	0.02	1.3477E-10
rs150295612	C	T	0.06	0.01	1.3482E-10
rs3218902	G	A	0.14	0.02	1.349E-10
rs115172578	A	C	0.13	0.02	1.351E-10
rs371573063	T	C	0.13	0.02	1.3514E-10
rs73370566	G	A	0.14	0.02	1.3523E-10
rs59791872	T	A	0.13	0.02	1.3532E-10
rs140159107	A	G	0.13	0.02	1.3534E-10
rs116320830	T	C	0.14	0.02	1.3541E-10
rs73681954	G	A	0.13	0.02	1.3544E-10
rs111325188	G	T	0.13	0.02	1.3551E-10
rs148732775	G	A	0.03	0.0050434	1.3571E-10
rs115687676	G	A	0.13	0.02	1.3578E-10
rs78502403	T	C	0.13	0.02	1.3599E-10
rs146381145	G	A	0.13	0.02	1.36E-10
rs79247529	G	A	0.13	0.02	1.36E-10
rs529094652	C	T	0.13	0.02	1.3611E-10
rs76104511	T	C	0.13	0.02	1.3616E-10
rs115057602	A	G	0.05	0.0091249	1.3618E-10
rs539060195	A	G	0.09	0.01	1.3622E-10
rs144844108	A	G	0.13	0.02	1.3642E-10
rs182010889	T	A	0.14	0.02	1.3649E-10
rs527715945	A	G	0.03	0.0060826	1.3666E-10
rs185914187	A	C	0.13	0.02	1.3681E-10
rs114237662	G	A	0.11	0.01	1.3692E-10
rs75106454	G	A	0.13	0.02	1.3695E-10
rs147836931	T	C	0.13	0.02	1.3697E-10
rs73656336	T	G	0.06	0.01	1.3702E-10
rs144689403	G	A	0.13	0.02	1.3727E-10
rs139339446	A	T	0.27	0.04	1.3734E-10
rs150869252	T	G	0.13	0.02	1.3734E-10
rs116372116	T	A	0.15	0.02	1.3739E-10
rs187059447	C	G	0.15	0.02	1.3739E-10
rs141744471	G	A	0.15	0.02	1.3751E-10
rs6865191	G	C	0.39	0.06	1.3757E-10
rs562651527	T	C	0.23	0.03	1.3762E-10
rs139285464	C	A	0.13	0.02	1.3789E-10

rs115404993	T	C	0.06	0.01	1.3803E-10
rs138100178	T	C	0.13	0.02	1.3825E-10
rs575458365	C	T	0.15	0.02	1.3826E-10
rs148528254	C	A	0.13	0.02	1.384E-10
rs545385097	A	G	0.14	0.02	1.3864E-10
rs147890642	C	T	0.06	0.01	1.3879E-10
rs116823696	A	T	0.07	0.01	1.3879E-10
rs142680592	G	A	0.14	0.02	1.3884E-10
rs73255088	G	A	0.07	0.01	1.389E-10
rs59806445	G	T	0.13	0.02	1.3897E-10
rs141985912	G	C	0.13	0.02	1.3902E-10
rs138933138	T	A	0.13	0.02	1.3902E-10
rs74828763	A	G	0.19	0.03	1.3904E-10
rs752247358	T	C	0.03	0.0061956	1.3919E-10
rs17163940	G	C	0.06	0.01	1.3919E-10
rs114899708	G	C	0.23	0.03	1.3926E-10
rs115252425	C	T	0.06	0.01	1.3928E-10
rs114822719	A	G	0.13	0.02	1.3932E-10
rs184074085	A	T	0.35	0.05	1.3933E-10
rs150311385	G	A	0.13	0.02	1.3935E-10
rs148625661	T	C	0.12	0.01	1.3935E-10
rs189680632	A	G	0.15	0.02	1.3957E-10
rs532420969	A	T	0.07	0.01	1.3958E-10
rs77666094	C	T	0.19	0.02	1.3965E-10
rs76696551	G	A	0.04	0.0072318	1.3967E-10
rs9970722	C	G	0.06	0.01	1.3977E-10
rs138901035	C	G	0.13	0.02	1.3988E-10
rs182976008	A	G	0.13	0.02	1.399E-10
rs145180819	G	C	0.15	0.02	1.4008E-10
rs114850241	T	A	0.06	0.01	1.4015E-10
rs142551157	G	A	0.13	0.02	1.4019E-10
rs114765007	G	A	0.13	0.02	1.402E-10
rs189845246	G	C	0.13	0.02	1.404E-10
rs77007163	C	G	0.13	0.02	1.4048E-10
rs190789102	A	C	0.29	0.04	1.4062E-10
rs138949259	G	A	0.13	0.02	1.4066E-10
rs557175205	G	A	0.22	0.03	1.4085E-10
rs141426993	A	G	0.13	0.02	1.4101E-10
rs59766697	A	G	0.06	0.01	1.4116E-10
rs150188519	A	C	0.22	0.03	1.412E-10
rs115152478	C	T	0.13	0.02	1.4148E-10
rs565169091	T	C	0.15	0.02	1.4154E-10
rs115603368	A	G	0.08	0.01	1.416E-10
rs10198273	T	C	0.13	0.02	1.4164E-10
rs144836657	C	T	0.13	0.02	1.4174E-10
rs151187775	A	G	0.13	0.02	1.4174E-10
rs146987797	T	C	0.11	0.01	1.4175E-10
rs142827482	C	T	0.13	0.02	1.4175E-10
rs115016827	T	C	0.06	0.01	1.4176E-10
rs76126068	T	C	0.2	0.03	1.4179E-10
rs186406305	G	A	0.13	0.02	1.4184E-10
rs57460848	T	C	0.12	0.01	1.419E-10
rs530303055	G	A	0.13	0.02	1.4212E-10
rs138542047	T	C	0.13	0.02	1.4223E-10
rs182799587	C	A	0.13	0.02	1.4233E-10
rs115997200	C	T	0.09	0.01	1.4246E-10
rs117645321	T	C	0.13	0.02	1.4255E-10
rs138316144	T	C	0.14	0.02	1.4263E-10
rs114042012	A	G	0.12	0.01	1.4269E-10
rs3218940	C	T	0.14	0.02	1.4298E-10
rs146861716	A	T	0.13	0.02	1.4315E-10

rs60718117	C	A	0.08	0.01	1.4347E-10
rs189268175	T	G	0.15	0.02	1.436E-10
rs148469718	T	A	0.16	0.02	1.438E-10
rs138663156	C	T	0.16	0.02	1.4399E-10
rs768334249	T	C	0.02	0.003993	1.4401E-10
rs192419399	A	G	0.13	0.02	1.4402E-10
rs548485325	A	G	0.12	0.01	1.4405E-10
rs116799573	A	G	0.13	0.02	1.4406E-10
rs115297505	T	G	0.06	0.0098255	1.4406E-10
rs77657588	G	C	0.13	0.02	1.4408E-10
rs3218937	G	A	0.14	0.02	1.4437E-10
rs9881721	C	T	0.06	0.01	1.4437E-10
rs115012596	T	C	0.13	0.02	1.4439E-10
rs78831802	A	C	0.15	0.02	1.444E-10
rs115739917	A	G	0.12	0.01	1.4462E-10
rs565505252	A	G	0.3	0.04	1.4465E-10
rs114258712	C	G	0.06	0.01	1.4477E-10
rs146016658	C	T	0.13	0.02	1.4481E-10
rs148255742	T	C	0.13	0.02	1.4483E-10
rs182345055	A	G	0.13	0.02	1.4488E-10
rs148327278	A	G	0.13	0.02	1.4498E-10
rs149703128	G	A	0.13	0.02	1.4508E-10
rs149307922	A	C	0.11	0.01	1.4519E-10
rs150516391	T	C	0.13	0.02	1.4559E-10
rs115523154	C	T	0.13	0.02	1.4566E-10
rs111354831	A	C	0.13	0.02	1.4579E-10
rs72946750	C	T	0.13	0.02	1.4598E-10
rs115294072	T	C	0.12	0.01	1.4601E-10
rs138933232	T	C	0.14	0.02	1.4605E-10
rs186617762	C	T	0.14	0.02	1.461E-10
rs115510821	A	G	0.13	0.02	1.4634E-10
rs193188617	C	T	0.2	0.03	1.4638E-10
rs139761046	A	G	0.02	0.0046183	1.4651E-10
rs77569681	A	G	0.04	0.0067245	1.4667E-10
rs79042579	A	G	0.13	0.02	1.4672E-10
rs556873114	A	G	0.13	0.02	1.4698E-10
rs75800846	A	T	0.06	0.01	1.4698E-10
rs144058385	G	A	0.07	0.01	1.4714E-10
rs545159952	A	G	0.13	0.02	1.4719E-10
rs111504463	T	C	0.14	0.02	1.4727E-10
rs535366491	G	A	0.13	0.02	1.4758E-10
rs76010615	G	A	0.19	0.03	1.4759E-10
rs61230240	C	T	0.13	0.02	1.4778E-10
rs79703854	A	G	0.11	0.01	1.4797E-10
rs113759783	A	G	0.13	0.02	1.4812E-10
rs140422337	T	C	0.11	0.01	1.486E-10
rs73938740	A	G	0.13	0.02	1.4865E-10
rs72946740	A	T	0.13	0.02	1.492E-10
rs79765746	A	G	0.13	0.02	1.4931E-10
rs61454255	G	C	0.13	0.02	1.4936E-10
rs538266311	A	C	0.13	0.02	1.4936E-10
rs114922049	T	C	0.11	0.01	1.4942E-10
rs369482351	C	T	0.09	0.01	1.4942E-10
rs140478025	T	C	0.11	0.01	1.4953E-10
rs375763100	A	G	0.1	0.01	1.496E-10
rs140281141	A	G	0.13	0.02	1.4965E-10
rs187037055	T	C	0.13	0.02	1.4968E-10
rs545933803	G	C	0.13	0.02	1.4995E-10
rs191170566	A	C	0.17	0.02	1.5005E-10
rs376494279	A	T	0.13	0.02	1.5041E-10
rs147974713	A	G	0.15	0.02	1.5043E-10



rs191528807	T	G	0.14	0.02	1.5047E-10
rs57681965	G	A	0.31	0.04	1.5067E-10
rs577127899	G	A	0.13	0.02	1.5075E-10
rs141644953	C	A	0.07	0.01	1.5095E-10
rs150184865	T	A	0.25	0.04	1.5103E-10
rs749508101	G	C	0.04	0.0068107	1.5112E-10
rs75513573	A	C	0.16	0.02	1.5152E-10
rs192121751	T	C	0.35	0.05	1.5181E-10
rs544225488	G	A	0.12	0.01	1.5182E-10
rs74408330	T	A	0.13	0.02	1.52E-10
rs142412874	A	G	0.13	0.02	1.5202E-10
rs115932675	T	C	0.09	0.01	1.5245E-10
rs144325611	T	A	0.13	0.02	1.5248E-10
rs149992327	A	C	0.13	0.02	1.527E-10
rs79284355	C	T	0.03	0.0055638	1.5284E-10
rs74115309	T	C	0.13	0.02	1.5294E-10
rs143480895	T	C	0.13	0.02	1.5299E-10
rs114760669	G	A	0.06	0.01	1.5318E-10
rs17163929	G	A	0.06	0.01	1.5323E-10
rs186358738	A	G	0.13	0.02	1.5342E-10
rs113429536	G	A	0.13	0.02	1.5363E-10
rs191501782	T	C	0.14	0.02	1.5367E-10
rs116728844	G	A	0.03	0.0055486	1.5372E-10
rs78827558	T	C	0.13	0.02	1.5376E-10
rs369152070	G	A	0.15	0.02	1.5377E-10
rs564147942	T	C	0.31	0.04	1.538E-10
rs141156945	A	C	0.34	0.05	1.5387E-10
rs146959866	A	G	0.13	0.02	1.5388E-10
rs557734466	C	T	0.43	0.06	1.5391E-10
rs57155345	T	C	0.13	0.02	1.5392E-10
rs78480851	C	A	0.13	0.02	1.5394E-10
rs141981718	G	T	0.24	0.03	1.5407E-10
rs115959864	C	T	0.13	0.02	1.5414E-10
rs884999	G	A	-0.07	0.01	1.5416E-10
rs143785085	C	T	0.13	0.02	1.5424E-10
rs74149339	A	C	0.07	0.01	1.5425E-10
rs527409379	T	A	0.14	0.02	1.5442E-10
rs149864287	G	C	0.13	0.02	1.5454E-10
rs115791372	G	C	0.14	0.02	1.5476E-10
rs146567435	A	G	0.14	0.02	1.5479E-10
4:14016863_C_T	T	C	0.06	0.01	1.548E-10
rs114181878	G	A	0.03	0.0055632	1.5487E-10
rs61731363	G	A	0.2	0.03	1.5499E-10
rs550134133	A	T	0.32	0.05	1.5512E-10
rs572104942	G	C	0.32	0.05	1.5512E-10
rs191693170	C	T	0.13	0.02	1.5546E-10
rs115956172	A	G	0.07	0.01	1.5548E-10
rs151133032	A	C	0.17	0.02	1.5562E-10
rs144776241	A	G	0.68	0.1	1.5564E-10
rs148924898	C	T	0.07	0.01	1.5572E-10
rs141081221	T	C	0.13	0.02	1.558E-10
rs150197440	T	C	0.06	0.01	1.5588E-10
rs10186664	T	C	0.13	0.02	1.5607E-10
rs543962090	T	C	0.13	0.02	1.5607E-10
rs575499429	C	T	0.23	0.03	1.5615E-10
rs113590355	C	A	0.1	0.01	1.5621E-10
rs578036679	A	G	0.15	0.02	1.5624E-10
rs192169039	A	G	0.14	0.02	1.5624E-10
rs79641526	A	G	0.15	0.02	1.563E-10
rs189657777	A	G	0.13	0.02	1.5632E-10
rs562232465	T	C	0.2	0.03	1.5651E-10

rs115861297	A	G	0.13	0.02	1.5652E-10
rs79706273	C	T	0.06	0.01	1.567E-10
rs149334661	T	C	0.07	0.01	1.57E-10
rs115479777	A	G	0.13	0.02	1.5708E-10
rs373558782	G	A	0.15	0.02	1.5726E-10
rs140116760	T	C	0.13	0.02	1.5737E-10
rs144979589	A	G	0.13	0.02	1.5737E-10
rs117178628	G	C	0.13	0.02	1.5746E-10
rs141263848	T	C	0.13	0.02	1.5746E-10
rs143452672	A	G	0.13	0.02	1.5746E-10
rs150579688	A	G	0.13	0.02	1.5746E-10
rs560952518	A	T	0.07	0.01	1.5757E-10
rs78597382	G	A	0.13	0.02	1.5758E-10
9:26493292_C_T	T	C	0.04	0.0073885	1.5769E-10
rs144361344	A	G	0.13	0.02	1.5785E-10
rs116597132	C	A	0.09	0.01	1.5795E-10
rs182113014	A	C	0.17	0.02	1.5818E-10
rs4478044	G	C	0.13	0.02	1.5822E-10
rs553861107	T	C	0.13	0.02	1.5883E-10
rs140573126	T	C	0.21	0.03	1.5884E-10
rs629892	A	C	0.13	0.02	1.5885E-10
rs151178974	T	A	0.14	0.02	1.5907E-10
rs144319758	A	C	0.13	0.02	1.5908E-10
rs143479354	C	T	0.13	0.02	1.5913E-10
rs143943377	T	C	0.13	0.02	1.5913E-10
rs190895228	C	T	0.13	0.02	1.5917E-10
rs182051791	T	C	0.12	0.02	1.5918E-10
rs139673429	A	T	0.12	0.02	1.5931E-10
rs151238849	G	A	0.19	0.02	1.5938E-10
rs114305902	A	T	0.11	0.01	1.5975E-10
rs111949475	G	T	0.03	0.0062213	1.5981E-10
rs140644626	T	C	0.13	0.02	1.6003E-10
rs145824358	G	A	0.13	0.02	1.6003E-10
rs145898969	G	A	0.13	0.02	1.6003E-10
rs148457189	A	C	0.13	0.02	1.6003E-10
rs144947114	G	A	0.19	0.03	1.6005E-10
rs151160185	A	T	0.15	0.02	1.6007E-10
rs140421978	A	G	0.13	0.02	1.6012E-10
rs146080768	A	G	0.13	0.02	1.6012E-10
rs112793677	G	C	0.17	0.02	1.6016E-10
rs530217528	C	T	0.12	0.01	1.602E-10
rs577500038	T	G	0.12	0.01	1.6033E-10
rs111426540	T	C	1.03	0.16	1.6041E-10
rs138588534	T	G	0.07	0.01	1.6044E-10
rs10013158	A	G	0.7	0.11	1.606E-10
rs577399143	G	T	0.13	0.02	1.6069E-10
rs143417819	T	C	0.12	0.01	1.6104E-10
rs144039185	G	C	0.35	0.05	1.6134E-10
rs74130548	C	T	0.12	0.02	1.6141E-10
rs114070509	G	A	0.06	0.01	1.6146E-10
rs75493165	T	C	0.05	0.0079273	1.6152E-10
rs138220655	A	T	0.13	0.02	1.6153E-10
rs186497766	C	T	0.38	0.06	1.6158E-10
rs80122044	C	A	0.13	0.02	1.6161E-10
rs143715110	T	C	0.13	0.02	1.6161E-10
rs146979259	G	A	0.13	0.02	1.6161E-10
rs148920194	C	T	0.13	0.02	1.6161E-10
rs189007818	A	G	0.05	0.0079476	1.6185E-10
rs11926778	G	A	0.03	0.0055604	1.6193E-10
rs142590511	A	C	0.13	0.02	1.6201E-10
rs147578154	A	C	0.13	0.02	1.6201E-10

rs193276224	C	T	0.15	0.02	1.6209E-10
rs114636885	A	G	0.09	0.01	1.6209E-10
rs144540009	C	A	0.13	0.02	1.6212E-10
rs144047726	C	G	0.13	0.02	1.6215E-10
rs555480337	C	T	0.04	0.0070296	1.6224E-10
rs115462166	C	A	0.06	0.01	1.623E-10
rs112343948	G	C	0.13	0.02	1.6236E-10
rs80046783	A	C	0.11	0.01	1.624E-10
rs116317150	A	G	0.11	0.01	1.6241E-10
rs12146351	G	C	0.03	0.0059962	1.6246E-10
rs138848539	A	G	0.19	0.03	1.6257E-10
rs74503802	G	T	0.13	0.02	1.626E-10
rs182476104	A	G	0.22	0.03	1.6261E-10
rs763973697	T	C	0.04	0.006472	1.6267E-10
rs148534587	T	C	0.13	0.02	1.6289E-10
rs115292046	A	G	0.13	0.02	1.6293E-10
rs139407474	G	A	0.11	0.01	1.6299E-10
rs575852884	T	G	0.13	0.02	1.6307E-10
rs567514750	C	T	0.13	0.02	1.6308E-10
rs541509814	T	C	0.15	0.02	1.631E-10
rs77903290	T	A	0.06	0.01	1.6317E-10
rs77231810	T	C	0.17	0.02	1.6319E-10
rs544858730	C	T	0.13	0.02	1.632E-10
rs73692502	C	T	0.13	0.02	1.6367E-10
rs116191766	C	T	0.11	0.01	1.637E-10
rs563313076	C	T	0.13	0.02	1.6371E-10
rs139571855	T	C	0.15	0.02	1.6375E-10
rs116145885	C	T	0.13	0.02	1.6378E-10
rs564071972	A	C	0.15	0.02	1.6394E-10
rs147549632	T	C	0.09	0.01	1.6399E-10
rs375075641	T	A	0.04	0.0072137	1.6441E-10
rs549219046	G	A	0.13	0.02	1.6444E-10
rs6713001	C	T	0.12	0.01	1.6473E-10
rs116604158	G	A	0.09	0.01	1.6482E-10
rs191401904	T	G	0.13	0.02	1.6483E-10
rs148714074	C	T	0.06	0.01	1.65E-10
rs141774900	T	C	0.23	0.03	1.6503E-10
rs371830401	T	C	0.04	0.0072182	1.6504E-10
rs374810027	T	C	0.12	0.01	1.6506E-10
rs149340023	T	C	0.08	0.01	1.6507E-10
rs114802182	A	T	0.13	0.02	1.6512E-10
rs576740658	A	G	0.08	0.01	1.652E-10
rs180792219	T	C	0.1	0.01	1.6523E-10
rs145079617	C	G	0.13	0.02	1.6524E-10
rs533242225	A	G	0.13	0.02	1.6528E-10
rs187164430	C	A	0.08	0.01	1.6539E-10
rs556470782	C	T	0.05	0.0091725	1.6541E-10
rs146292467	T	C	0.12	0.02	1.6552E-10
rs75909367	G	A	0.03	0.0055587	1.656E-10
rs568364187	C	T	0.13	0.02	1.6566E-10
rs115206773	T	G	0.03	0.0055586	1.6571E-10
rs536045709	T	C	0.13	0.02	1.6574E-10
rs140248149	A	G	0.13	0.02	1.6588E-10
rs574083217	T	C	0.03	0.0054298	1.6596E-10
rs138819076	G	A	1.1	0.17	1.66E-10
rs7745371	C	T	0.11	0.01	1.6619E-10
rs138803601	G	T	0.13	0.02	1.6626E-10
rs76008058	T	A	0.11	0.01	1.6655E-10
rs141857246	G	C	0.03	0.0055586	1.6655E-10
rs114828446	T	C	0.06	0.01	1.6659E-10
rs181165900	C	G	0.14	0.02	1.6662E-10

rs75585620	T	G	0.13	0.02	1.6671E-10
rs57744566	A	T	0.06	0.01	1.6679E-10
rs112429560	T	C	0.13	0.02	1.6686E-10
rs78678183	A	C	0.1	0.01	1.6693E-10
rs545532404	A	G	0.12	0.01	1.6698E-10
rs115294284	A	G	0.06	0.01	1.6703E-10
rs189834042	T	A	0.17	0.02	1.6728E-10
rs144051491	G	A	0.06	0.01	1.6737E-10
rs112967390	T	C	0.13	0.02	1.6741E-10
rs11996877	T	C	0.04	0.0071401	1.6744E-10
rs138493783	G	T	0.13	0.02	1.6758E-10
rs150585369	A	G	0.08	0.01	1.6768E-10
rs191138106	A	G	0.08	0.01	1.6788E-10
rs114508811	C	T	0.11	0.01	1.6791E-10
rs78396828	A	G	0.13	0.02	1.6801E-10
rs542754816	A	G	0.13	0.02	1.6807E-10
rs561462841	A	G	0.13	0.02	1.6807E-10
rs546395925	A	G	0.13	0.02	1.6822E-10
rs375283202	T	A	0.14	0.02	1.6835E-10
rs138345249	T	C	0.24	0.03	1.6835E-10
rs73710384	C	G	0.13	0.02	1.6838E-10
rs73710382	C	T	0.13	0.02	1.684E-10
rs145760606	C	T	0.14	0.02	1.6849E-10
rs545520270	G	A	0.17	0.02	1.6852E-10
rs78800592	A	G	0.1	0.01	1.6852E-10
rs148943758	C	T	0.14	0.02	1.686E-10
rs149379466	G	A	0.13	0.02	1.6862E-10
rs567567215	T	C	0.05	0.0082321	1.6897E-10
rs188968583	T	A	0.13	0.02	1.6898E-10
rs141609862	T	C	0.08	0.01	1.6914E-10
rs575456505	C	T	0.02	0.0042803	1.6927E-10
rs114326024	C	T	0.11	0.01	1.6933E-10
rs144598694	A	G	0.13	0.02	1.6943E-10
rs114387974	A	G	0.06	0.01	1.6955E-10
rs73710388	T	C	0.13	0.02	1.6961E-10
rs115701165	T	C	0.13	0.02	1.7001E-10
rs183693728	G	A	0.31	0.04	1.7009E-10
rs190838451	A	T	0.06	0.01	1.7013E-10
rs529989958	T	C	0.08	0.01	1.7023E-10
rs6898728	G	A	0.13	0.02	1.7029E-10
rs191515626	A	G	0.35	0.05	1.7046E-10
rs116526720	C	T	0.13	0.02	1.7052E-10
rs116147850	C	T	0.12	0.01	1.7055E-10
rs371761126	C	G	0.13	0.02	1.706E-10
rs142383483	G	C	0.17	0.02	1.7068E-10
rs142832778	C	G	0.06	0.01	1.7094E-10
rs192041730	C	A	0.02	0.0043541	1.712E-10
rs566652102	C	T	0.13	0.02	1.715E-10
rs112968683	A	G	0.13	0.02	1.7155E-10
rs553067933	A	G	0.16	0.02	1.7168E-10
rs528092618	G	A	0.13	0.02	1.7186E-10
rs6697321	T	C	0.13	0.02	1.7193E-10
rs181011228	C	A	0.18	0.02	1.7222E-10
rs570283324	G	C	0.07	0.01	1.7223E-10
rs77566659	T	C	0.13	0.02	1.7224E-10
rs185900483	T	C	0.19	0.02	1.7234E-10
rs115081924	A	G	0.11	0.01	1.7255E-10
rs113905514	C	T	0.13	0.02	1.7271E-10
rs550996507	C	T	0.31	0.04	1.7272E-10
rs146425702	T	C	0.13	0.02	1.7337E-10
rs145930856	G	A	0.13	0.02	1.7341E-10

rs113314178	A	C	0.07	0.01	1.7345E-10
rs192173433	A	G	0.35	0.05	1.7365E-10
rs116810696	G	A	0.13	0.02	1.7366E-10
rs148092057	C	T	0.1	0.01	1.7385E-10
rs116501737	C	T	0.06	0.01	1.7424E-10
rs115749820	T	C	0.13	0.02	1.7427E-10
2:224871073_G_A	A	G	0.04	0.0072554	1.7441E-10
rs138589569	A	T	0.06	0.01	1.7458E-10
rs148712270	G	C	0.3	0.04	1.7481E-10
rs142652229	A	C	0.15	0.02	1.7482E-10
rs541280858	C	G	0.13	0.02	1.7492E-10
rs76629112	C	T	0.13	0.02	1.75E-10
rs116406275	C	A	0.04	0.0067326	1.7503E-10
rs11956181	C	A	0.13	0.02	1.7512E-10
rs182602796	C	T	0.13	0.02	1.7517E-10
rs79779856	G	A	0.13	0.02	1.7517E-10
rs55949717	C	A	0.13	0.02	1.7524E-10
rs183404624	A	C	0.06	0.01	1.7535E-10
rs190419652	C	A	0.02	0.0043153	1.7552E-10
rs149050508	G	T	0.13	0.02	1.7597E-10
rs115144337	T	C	0.13	0.02	1.7617E-10
rs116392987	T	C	0.13	0.02	1.765E-10
rs142539197	A	C	0.02	0.0045354	1.7653E-10
rs543840018	C	A	0.13	0.02	1.7656E-10
rs12075045	T	C	0.17	0.02	1.7657E-10
rs114996924	G	A	0.05	0.0087543	1.7673E-10
rs187487122	T	A	0.17	0.02	1.7687E-10
rs138508651	C	T	0.13	0.02	1.7722E-10
rs150849551	C	G	0.21	0.03	1.7741E-10
rs528313262	T	A	0.07	0.01	1.7745E-10
rs181630617	A	G	0.13	0.02	1.7757E-10
rs111964243	G	A	0.07	0.01	1.7782E-10
rs116625303	C	T	0.11	0.01	1.7787E-10
rs78912256	G	C	0.13	0.02	1.7804E-10
rs2451336	C	T	0.07	0.01	1.7809E-10
rs111602644	A	G	0.12	0.02	1.7833E-10
rs186109072	T	A	0.04	0.0075376	1.7836E-10
rs145853419	T	C	0.13	0.02	1.7846E-10
rs181554364	C	T	0.13	0.02	1.7874E-10
rs72946708	A	G	0.13	0.02	1.7875E-10
rs752234187	T	C	0.03	0.0056169	1.7885E-10
rs539269944	C	T	0.13	0.02	1.7908E-10
rs541490366	T	C	0.13	0.02	1.7916E-10
rs368983166	T	C	0.13	0.02	1.7916E-10
rs114446919	G	C	0.13	0.02	1.7919E-10
rs531725435	C	G	0.06	0.01	1.7923E-10
rs142948386	C	A	0.17	0.02	1.7927E-10
rs76845700	T	C	0.17	0.02	1.7927E-10
rs551384480	G	T	0.13	0.02	1.7944E-10
rs144211755	C	T	0.16	0.02	1.7956E-10
rs566753877	T	C	0.04	0.0072099	1.7969E-10
rs137955075	C	T	0.2	0.03	1.7975E-10
rs2200489	G	A	0.13	0.02	1.7976E-10
rs76700239	T	C	0.13	0.02	1.8005E-10
rs191677943	G	A	0.14	0.02	1.8011E-10
rs150686553	T	C	0.07	0.01	1.8013E-10
rs117388612	C	T	0.12	0.02	1.8027E-10
rs188692140	G	A	0.02	0.0041926	1.8027E-10
rs114774943	G	A	0.11	0.01	1.8094E-10
rs114906778	G	A	0.13	0.02	1.8094E-10
rs186435962	C	A	0.18	0.02	1.8105E-10

rs575244452	T	G	0.31	0.04	1.8117E-10
rs114001199	C	T	0.13	0.02	1.8126E-10
rs147519630	T	G	0.18	0.02	1.8141E-10
rs75926892	G	T	0.17	0.02	1.8145E-10
rs186603741	G	A	0.26	0.04	1.8164E-10
rs75389873	T	C	0.15	0.02	1.8169E-10
rs145654424	G	A	0.13	0.02	1.8217E-10
rs142763557	A	T	0.17	0.02	1.822E-10
rs142472776	C	T	0.23	0.03	1.8224E-10
rs114112665	T	C	0.17	0.02	1.8226E-10
rs111603002	T	C	0.1	0.01	1.8243E-10
rs79595958	A	G	0.06	0.01	1.8253E-10
rs116731152	A	G	0.13	0.02	1.8298E-10
rs143183741	T	C	0.13	0.02	1.8299E-10
rs182853722	G	A	0.58	0.09	1.8302E-10
rs116149320	C	A	0.14	0.02	1.8309E-10
rs10961897	A	C	0.13	0.02	1.8327E-10
rs191437795	T	A	0.07	0.01	1.833E-10
rs145693435	G	A	0.13	0.02	1.8351E-10
rs141285597	C	T	0.13	0.02	1.8362E-10
rs77494436	A	T	0.13	0.02	1.8377E-10
rs374491515	C	A	0.1	0.01	1.8384E-10
rs576915062	T	C	0.03	0.0057298	1.8387E-10
rs188625880	A	G	0.14	0.02	1.8388E-10
rs114347847	C	T	0.09	0.01	1.8391E-10
rs146046811	A	C	0.06	0.01	1.8406E-10
rs76110168	A	G	0.13	0.02	1.8415E-10
rs144266894	C	G	0.21	0.03	1.8446E-10
rs186063323	C	T	0.11	0.01	1.8461E-10
rs74948797	A	G	0.11	0.01	1.8462E-10
rs142017326	C	T	0.13	0.02	1.8468E-10
rs193062927	A	C	0.13	0.02	1.847E-10
rs192141299	A	G	0.51	0.08	1.8494E-10
rs148117805	A	C	0.13	0.02	1.8504E-10
rs7033874	T	G	0.12	0.01	1.8518E-10
rs116633340	C	G	0.07	0.01	1.8519E-10
rs111440098	G	A	0.13	0.02	1.8574E-10
rs549065162	C	A	0.13	0.02	1.8579E-10
rs149624291	T	G	0.13	0.02	1.8581E-10
4:107935859_C_T	T	C	0.05	0.0081031	1.8596E-10
rs116364452	A	G	0.06	0.01	1.86E-10
rs563124789	T	C	0.13	0.02	1.8632E-10
rs143700261	A	G	0.12	0.02	1.8643E-10
rs75684647	G	T	0.13	0.02	1.8656E-10
rs148807081	A	G	0.29	0.04	1.866E-10
rs141942647	G	A	0.15	0.02	1.8669E-10
rs190138371	A	T	0.17	0.02	1.867E-10
rs189606021	T	C	0.36	0.05	1.8675E-10
rs4629847	C	T	0.09	0.01	1.8679E-10
rs138886865	C	T	0.06	0.01	1.8689E-10
rs560802285	T	G	0.13	0.02	1.8703E-10
rs186145609	G	A	0.12	0.01	1.8721E-10
rs1720014	T	A	-0.07	0.01	1.8757E-10
rs116637436	T	C	0.23	0.03	1.8766E-10
rs150001578	C	T	0.13	0.02	1.8769E-10
rs192575939	C	T	0.16	0.02	1.8774E-10
rs199925132	C	A	0.1	0.01	1.8787E-10
rs150634074	T	C	0.14	0.02	1.8802E-10
rs148415252	T	C	0.06	0.01	1.8814E-10
rs146964291	C	T	0.13	0.02	1.8835E-10
rs141564232	G	A	0.08	0.01	1.8835E-10

rs185261425	T	C	0.06	0.01	1.8835E-10
rs115901904	T	C	0.19	0.03	1.8843E-10
rs146522932	C	T	0.46	0.07	1.8844E-10
rs182515754	G	A	0.16	0.02	1.888E-10
rs184967947	G	A	0.2	0.03	1.8884E-10
rs142129166	T	C	0.13	0.02	1.8902E-10
rs186184459	A	G	0.18	0.02	1.8906E-10
rs147653970	G	C	0.06	0.01	1.892E-10
rs145382248	T	C	0.06	0.01	1.8973E-10
rs75801347	C	G	0.12	0.01	1.8975E-10
rs116439401	T	C	0.12	0.02	1.9007E-10
rs114894006	A	T	0.11	0.01	1.9018E-10
rs139578178	G	A	0.15	0.02	1.9029E-10
rs180764697	T	A	0.27	0.04	1.9036E-10
rs149934727	G	C	0.13	0.02	1.9037E-10
rs28835620	A	G	0.12	0.01	1.9076E-10
rs181179812	A	T	0.04	0.0069093	1.9089E-10
rs150050348	G	C	0.06	0.0097683	1.9107E-10
rs559752077	A	G	0.13	0.02	1.9108E-10
rs188969502	T	G	0.07	0.01	1.9115E-10
rs775983806	A	T	0.02	0.0046465	1.914E-10
rs77045334	A	G	0.14	0.02	1.915E-10
rs74642399	G	A	0.13	0.02	1.9154E-10
rs76968601	T	C	0.14	0.02	1.9156E-10
rs74933609	A	G	0.13	0.02	1.9159E-10
rs528336268	A	G	0.13	0.02	1.9207E-10
rs564270639	C	T	0.13	0.02	1.9207E-10
rs150627178	T	C	0.13	0.02	1.9229E-10
rs78197076	T	C	0.41	0.06	1.9268E-10
rs151242242	T	C	0.14	0.02	1.9313E-10
rs539742935	A	T	0.13	0.02	1.9315E-10
rs569274225	T	G	0.17	0.02	1.9317E-10
rs184902679	T	C	2.8	0.44	1.9322E-10
rs78249253	C	T	0.13	0.02	1.9331E-10
rs145177204	C	T	0.13	0.02	1.9366E-10
rs58712610	A	G	0.13	0.02	1.9372E-10
rs149872027	C	T	0.13	0.02	1.9382E-10
rs148134992	C	G	0.06	0.01	1.9392E-10
rs141008785	C	G	0.13	0.02	1.9416E-10
rs140926641	G	C	0.14	0.02	1.9419E-10
rs150094354	A	G	0.15	0.02	1.946E-10
rs76944289	C	T	0.19	0.03	1.9465E-10
rs138727779	A	T	0.13	0.02	1.9471E-10
rs576371047	G	T	0.12	0.01	1.9485E-10
rs77740946	C	G	1.81	0.28	1.9505E-10
rs543588377	C	G	0.13	0.02	1.9508E-10
rs73854889	C	A	0.13	0.02	1.9513E-10
rs138227429	C	G	0.13	0.02	1.9519E-10
rs113819288	A	G	0.13	0.02	1.9519E-10
rs144708989	T	G	0.14	0.02	1.9546E-10
rs73935519	G	A	0.1	0.01	1.9552E-10
rs115706964	G	A	0.09	0.01	1.956E-10
rs112719722	A	T	0.04	0.0073943	1.9563E-10
rs141210579	G	T	0.13	0.02	1.9571E-10
rs566361041	C	T	0.07	0.01	1.9615E-10
rs150560928	A	G	0.13	0.02	1.9638E-10
rs148132499	C	T	0.08	0.01	1.9646E-10
rs765112065	A	G	0.03	0.0056072	1.9658E-10
rs56324862	G	T	0.13	0.02	1.9676E-10
rs114580472	T	C	0.13	0.02	1.9678E-10
rs376387710	T	A	0.04	0.0071899	1.9696E-10

rs532350088	G	A	0.33	0.05	1.9702E-10
rs146971853	G	C	0.11	0.01	1.9714E-10
rs551026796	C	T	0.13	0.02	1.9722E-10
rs549894365	T	C	0.13	0.02	1.9744E-10
rs549170863	T	C	0.1	0.01	1.9761E-10
rs112990159	T	G	0.17	0.02	1.9763E-10
rs375856221	T	C	0.13	0.02	1.9767E-10
rs548619554	T	C	0.06	0.01	1.9802E-10
rs76085057	A	C	0.11	0.01	1.9817E-10
rs74719498	C	T	0.13	0.02	1.9826E-10
rs139521589	A	G	0.11	0.01	1.9854E-10
rs148948852	C	A	0.13	0.02	1.9854E-10
rs145045377	A	T	0.13	0.02	1.989E-10
rs143330675	A	C	0.11	0.01	1.9901E-10
rs188974057	T	C	0.13	0.02	1.9924E-10
rs145635637	C	T	0.13	0.02	1.9926E-10
rs77521588	A	G	0.08	0.01	1.9938E-10
5:8198732_A_C	C	A	0.04	0.0069005	1.9949E-10
rs577175775	G	T	0.17	0.02	1.9951E-10
rs73978712	T	C	0.1	0.01	1.9964E-10
rs78962392	T	C	0.13	0.02	1.9982E-10
rs77699625	A	G	0.36	0.05	1.999E-10
rs143023643	A	C	0.13	0.02	2.0038E-10
rs73805838	G	A	0.13	0.02	2.0047E-10
rs79752069	G	A	0.62	0.09	2.0056E-10
rs184265226	T	G	0.17	0.02	2.0071E-10
rs114358508	A	G	0.13	0.02	2.0076E-10
rs556531599	C	G	0.03	0.005671	2.0079E-10
rs75038667	C	A	0.13	0.02	2.011E-10
rs190144945	C	G	0.15	0.02	2.0135E-10
rs147532428	A	G	0.18	0.02	2.0139E-10
8:4794590_C_A	A	C	0.04	0.0071006	2.0149E-10
rs535282255	T	C	0.05	0.0087525	2.0157E-10
rs55907546	T	C	0.13	0.02	2.0169E-10
rs57208445	T	A	0.23	0.03	2.0173E-10
rs146036161	T	C	0.12	0.01	2.0187E-10
rs146138157	A	T	0.11	0.01	2.021E-10
rs183507722	A	T	0.13	0.02	2.0231E-10
rs76893127	C	A	0.13	0.02	2.0245E-10
rs79049608	G	A	0.13	0.02	2.0252E-10
rs79307793	C	G	0.12	0.01	2.0285E-10
rs185155189	C	T	0.13	0.02	2.0308E-10
rs746418607	C	T	0.05	0.0087707	2.0309E-10
rs111256179	G	C	0.08	0.01	2.0326E-10
rs543650653	C	T	0.14	0.02	2.0383E-10
rs146251960	G	T	0.13	0.02	2.0392E-10
rs80310766	C	T	0.13	0.02	2.0439E-10
rs114935869	C	T	0.13	0.02	2.0445E-10
rs547436819	G	T	0.13	0.02	2.0458E-10
rs58736669	T	C	2.83	0.44	2.0482E-10
rs146825605	A	G	0.13	0.02	2.0502E-10
rs74403413	G	T	0.13	0.02	2.0514E-10
rs114901860	G	A	0.13	0.02	2.0522E-10
rs550204033	G	A	0.16	0.02	2.0537E-10
rs187607442	A	G	0.07	0.01	2.054E-10
rs73680178	C	T	0.06	0.01	2.0543E-10
rs577926791	C	G	0.13	0.02	2.0548E-10
rs114763213	T	G	0.11	0.01	2.0566E-10
rs137954516	T	G	0.13	0.02	2.0568E-10
rs115569656	A	G	0.13	0.02	2.0572E-10
rs139766203	A	C	0.16	0.02	2.0574E-10



rs149368337	C	T	0.15	0.02	2.0578E-10
rs538195803	G	A	0.16	0.02	2.0588E-10
rs552826001	A	C	0.17	0.02	2.0599E-10
rs114248617	T	C	0.13	0.02	2.0604E-10
rs377482377	G	A	0.08	0.01	2.063E-10
rs189307057	G	A	0.16	0.02	2.0635E-10
rs60325180	T	A	0.09	0.01	2.0643E-10
rs146789819	G	T	0.13	0.02	2.0666E-10
rs10239146	A	G	0.13	0.02	2.0686E-10
rs75453987	C	G	0.14	0.02	2.0692E-10
rs116620166	A	G	0.13	0.02	2.0697E-10
rs115411480	C	T	0.19	0.03	2.0709E-10
rs192079982	T	C	0.11	0.01	2.0711E-10
rs59741297	C	T	0.11	0.01	2.0749E-10
rs114288900	T	C	0.14	0.02	2.0776E-10
rs137997795	G	A	0.13	0.02	2.0783E-10
rs116191430	G	A	0.11	0.01	2.0789E-10
rs539607007	T	C	0.06	0.0096267	2.0801E-10
rs2716787	G	A	0.09	0.01	2.0821E-10
rs7569318	A	T	0.1	0.01	2.0823E-10
rs10210164	T	G	0.16	0.02	2.0856E-10
rs138629271	C	T	0.08	0.01	2.0869E-10
rs561240126	T	C	0.38	0.06	2.0872E-10
rs76627175	G	T	0.13	0.02	2.0877E-10
rs112921796	G	A	0.13	0.02	2.0889E-10
rs190628426	G	A	0.13	0.02	2.0892E-10
rs141053228	A	G	0.06	0.01	2.0924E-10
rs536250366	C	T	0.13	0.02	2.0931E-10
rs143490251	T	A	0.06	0.01	2.0936E-10
rs569597983	T	C	0.13	0.02	2.0939E-10
rs181101685	C	T	0.16	0.02	2.0962E-10
rs193191157	A	G	0.13	0.02	2.0969E-10
rs73841424	T	C	0.13	0.02	2.0976E-10
rs75187729	C	T	0.13	0.02	2.0982E-10
rs139676360	A	G	0.13	0.02	2.0993E-10
rs149366089	C	G	0.17	0.02	2.0999E-10
rs140684162	T	C	0.07	0.01	2.1019E-10
rs78394772	T	C	1.18	0.18	2.1027E-10
rs78886270	G	C	0.13	0.02	2.1033E-10
rs188539414	C	A	0.11	0.01	2.1034E-10
rs80023785	G	A	0.13	0.02	2.1082E-10
rs575556335	G	A	0.13	0.02	2.1089E-10
rs556661886	G	C	0.13	0.02	2.1093E-10
rs182180728	A	G	0.04	0.0073728	2.1099E-10
rs142219259	A	G	0.17	0.02	2.1107E-10
rs78309635	C	T	0.13	0.02	2.1113E-10
rs540871230	G	A	0.13	0.02	2.1121E-10
rs137873179	C	T	0.06	0.01	2.1135E-10
rs370103274	T	C	0.13	0.02	2.1139E-10
rs764893917	A	C	0.04	0.0072322	2.1145E-10
1:227151115_G_A	A	G	0.04	0.0071441	2.1154E-10
rs377750204	G	T	0.13	0.02	2.1162E-10
rs115113726	C	T	0.13	0.02	2.1179E-10
1:62511190_A_C	C	A	0.07	0.01	2.1188E-10
rs114265946	A	T	0.08	0.01	2.1206E-10
rs114692481	T	G	0.13	0.02	2.1219E-10
rs145338146	T	C	0.13	0.02	2.1219E-10
rs181309137	C	T	0.08	0.01	2.1225E-10
rs146261407	C	A	0.17	0.02	2.1239E-10
rs536660081	T	C	0.13	0.02	2.1249E-10
rs10223943	A	C	0.13	0.02	2.1265E-10

rs114220090	T	C	0.13	0.02	2.1287E-10
rs114042709	T	C	0.13	0.02	2.1296E-10
rs554718384	A	G	0.13	0.02	2.1307E-10
rs377404208	T	C	0.13	0.02	2.1315E-10
rs6724606	A	G	0.1	0.01	2.132E-10
rs139094197	A	G	0.16	0.02	2.133E-10
5:78798044_T_C	C	T	0.05	0.0092245	2.133E-10
rs114439844	A	G	0.13	0.02	2.1338E-10
rs145607133	G	T	0.11	0.01	2.1355E-10
rs150957203	G	T	0.13	0.02	2.1363E-10
rs563716503	A	G	0.13	0.02	2.1365E-10
rs114282006	T	C	0.13	0.02	2.1399E-10
rs189458431	A	G	0.06	0.01	2.141E-10
rs576132120	G	A	0.13	0.02	2.1431E-10
rs186215320	T	C	2.56	0.4	2.1483E-10
rs188023482	G	A	0.03	0.0049926	2.1555E-10
rs115373115	C	T	0.13	0.02	2.1592E-10
rs142496215	G	A	0.12	0.02	2.1596E-10
rs763334290	T	C	0.02	0.0045068	2.1619E-10
rs116658916	G	A	0.12	0.02	2.1648E-10
rs113311243	G	C	0.09	0.01	2.1672E-10
rs576253968	T	C	0.13	0.02	2.1693E-10
rs187313448	T	A	0.13	0.02	2.1696E-10
rs111545338	C	T	0.13	0.02	2.1739E-10
rs577422653	T	A	0.02	0.0043837	2.1749E-10
rs146444775	A	T	0.14	0.02	2.1765E-10
rs758911530	C	T	0.03	0.0059047	2.179E-10
rs150841736	C	A	0.09	0.01	2.1813E-10
rs756990549	A	T	0.07	0.01	2.184E-10
rs78572318	A	G	0.13	0.02	2.1846E-10
1:39243516_G_A	A	G	0.03	0.0059376	2.1859E-10
rs151050254	G	C	0.15	0.02	2.1863E-10
rs576559932	A	C	0.13	0.02	2.1877E-10
rs545387054	A	G	0.13	0.02	2.189E-10
rs150785378	A	G	0.11	0.01	2.1892E-10
rs563169149	T	C	0.13	0.02	2.1913E-10
rs147814205	T	C	0.34	0.05	2.193E-10
rs145898526	G	A	0.13	0.02	2.1936E-10
rs79821184	G	T	0.06	0.01	2.1948E-10
4:155114000_G_A	A	G	0.06	0.009942	2.1948E-10
rs781116587	T	C	0.05	0.0087425	2.1966E-10
rs80329467	G	A	0.13	0.02	2.197E-10
rs191991437	A	G	0.06	0.01	2.1985E-10
rs543071529	G	A	0.15	0.02	2.1994E-10
rs75184752	T	C	0.28	0.04	2.2E-10
rs116547367	C	T	0.13	0.02	2.2019E-10
rs137979248	G	T	0.13	0.02	2.2019E-10
rs75084029	T	A	0.13	0.02	2.2036E-10
rs144530848	G	C	0.2	0.03	2.2044E-10
rs139711683	A	G	0.13	0.02	2.2074E-10
rs1028815	T	A	0.24	0.03	2.2075E-10
rs150370285	G	A	2.61	0.41	2.2078E-10
rs560542700	G	C	0.07	0.01	2.209E-10
rs17496150	G	C	0.07	0.01	2.2103E-10
rs185583703	A	G	0.12	0.01	2.2105E-10
rs73774478	C	T	0.13	0.02	2.2112E-10
rs550415101	T	C	0.13	0.02	2.2164E-10
rs756047713	T	C	0.05	0.0083528	2.2166E-10
rs192902829	T	C	0.19	0.03	2.2177E-10
rs112699515	A	G	0.04	0.0073457	2.2178E-10
rs145727360	G	T	0.13	0.02	2.219E-10

rs57730273	C	T	0.13	0.02	2.226E-10
rs79638468	G	A	0.06	0.01	2.2264E-10
rs116343585	A	G	0.17	0.02	2.2268E-10
rs558291635	A	G	0.14	0.02	2.2286E-10
rs16925398	C	A	0.06	0.01	2.2289E-10
rs139756513	A	G	0.06	0.01	2.2291E-10
rs7692575	A	C	0.06	0.01	2.2316E-10
rs144001126	C	T	0.13	0.02	2.2326E-10
rs73556343	A	G	0.18	0.02	2.2332E-10
rs536894630	C	T	0.17	0.02	2.2338E-10
rs556225890	T	C	0.17	0.02	2.2338E-10
rs73476813	T	C	0.13	0.02	2.234E-10
rs75777158	C	T	0.06	0.01	2.2345E-10
rs542382600	A	C	0.06	0.01	2.2363E-10
rs115859298	G	A	0.06	0.01	2.2363E-10
rs538578199	C	A	0.06	0.01	2.2363E-10
rs73654251	C	A	0.03	0.0055517	2.2365E-10
rs148859028	C	T	0.06	0.01	2.2369E-10
rs114255162	C	G	0.14	0.02	2.2383E-10
rs7628927	T	C	0.06	0.01	2.2392E-10
rs78334416	C	A	0.13	0.02	2.2394E-10
rs114137252	T	G	0.17	0.02	2.2404E-10
rs79099482	G	A	0.14	0.02	2.2429E-10
rs186998729	A	G	0.05	0.0080833	2.2433E-10
rs74600251	T	A	0.13	0.02	2.2444E-10
rs7341517	T	C	0.13	0.02	2.2451E-10
rs141657613	T	C	0.16	0.02	2.2467E-10
rs143742195	A	G	0.13	0.02	2.2497E-10
rs139274374	A	G	0.1	0.01	2.2502E-10
rs75857548	G	A	0.13	0.02	2.2511E-10
rs149053590	G	C	0.06	0.0098014	2.253E-10
rs115445818	G	A	0.17	0.02	2.2544E-10
rs563285477	T	G	0.13	0.02	2.2548E-10
rs148226145	A	G	0.13	0.02	2.2552E-10
rs61382098	A	G	0.12	0.01	2.2556E-10
rs74438074	T	C	0.16	0.02	2.2558E-10
rs146093384	C	T	0.12	0.02	2.2561E-10
rs116351822	T	C	0.12	0.02	2.2561E-10
rs143588608	G	A	0.12	0.02	2.2567E-10
rs146644087	T	C	0.02	0.0044594	2.2582E-10
rs150484834	A	G	0.13	0.02	2.2587E-10
rs184578569	T	A	0.13	0.02	2.2598E-10
rs563014826	G	A	0.14	0.02	2.2599E-10
rs10477146	C	T	0.14	0.02	2.2641E-10
rs184203590	C	G	1.62	0.25	2.266E-10
rs115889611	G	A	0.06	0.01	2.2664E-10
rs79236841	C	T	0.13	0.02	2.2691E-10
rs138803166	A	G	0.13	0.02	2.2709E-10
rs115225312	T	C	0.06	0.01	2.2711E-10
rs148862198	T	C	0.1	0.01	2.2711E-10
rs115047718	A	C	0.13	0.02	2.2712E-10
rs113179500	C	A	0.04	0.0073531	2.2719E-10
rs182169685	A	G	0.13	0.02	2.2729E-10
rs138220797	T	C	0.13	0.02	2.2769E-10
rs73694440	A	T	0.13	0.02	2.2801E-10
rs547051264	C	A	0.53	0.08	2.2816E-10
rs149565110	T	C	0.14	0.02	2.2824E-10
rs78110697	C	A	0.06	0.01	2.2835E-10
rs576160159	T	C	0.17	0.02	2.284E-10
rs151317243	A	G	0.3	0.04	2.2846E-10
rs75488107	G	C	0.13	0.02	2.2856E-10

rs115360091	T	A	0.08	0.01	2.2873E-10
rs112992528	A	T	0.09	0.01	2.2878E-10
rs191454010	C	T	0.17	0.02	2.29E-10
rs562438657	T	C	0.06	0.01	2.2907E-10
rs567611523	G	C	0.17	0.02	2.2914E-10
rs183389018	C	A	0.06	0.01	2.292E-10
rs78833206	C	T	0.13	0.02	2.2942E-10
rs143936445	G	C	0.13	0.02	2.2961E-10
rs568192924	G	C	0.12	0.01	2.2964E-10
rs59294274	T	C	0.13	0.02	2.2966E-10
rs117837225	T	C	0.12	0.02	2.2968E-10
rs185918699	A	C	0.92	0.14	2.2981E-10
rs550312383	T	C	0.03	0.0055635	2.2985E-10
rs186318341	C	G	0.28	0.04	2.2985E-10
rs770716544	T	A	0.04	0.0074714	2.2991E-10
rs777712173	G	T	0.04	0.0074714	2.2991E-10
rs138368273	C	T	0.21	0.03	2.3032E-10
rs79037451	C	G	0.03	0.0056026	2.3039E-10
rs140061299	T	C	0.13	0.02	2.3049E-10
rs544180938	T	C	0.13	0.02	2.3056E-10
rs114457724	A	G	0.13	0.02	2.3058E-10
rs145254694	T	C	0.08	0.01	2.3065E-10
rs188219945	A	C	0.13	0.02	2.3097E-10
rs757414349	T	C	0.03	0.0055929	2.3097E-10
rs78802211	G	A	0.13	0.02	2.3104E-10
rs17496198	G	A	0.07	0.01	2.3104E-10
rs148794823	C	G	0.06	0.01	2.3134E-10
rs562926229	C	T	0.13	0.02	2.3138E-10
rs183428041	G	C	0.06	0.01	2.3176E-10
rs570993410	A	G	0.13	0.02	2.3194E-10
rs573507245	A	C	0.02	0.004632	2.3224E-10
rs183047702	A	G	0.17	0.02	2.3226E-10
rs537467635	G	C	0.17	0.02	2.3257E-10
rs138117243	T	C	0.17	0.02	2.326E-10
rs145441088	G	C	0.13	0.02	2.3263E-10
rs185894266	C	A	0.13	0.02	2.3265E-10
rs143649590	A	T	0.12	0.02	2.3283E-10
rs143639510	G	A	0.14	0.02	2.3316E-10
rs145055620	T	C	0.13	0.02	2.3342E-10
rs72982015	G	A	0.13	0.02	2.336E-10
rs545014150	T	C	0.04	0.007612	2.338E-10
rs139279579	T	C	0.1	0.01	2.338E-10
rs59672179	A	G	0.06	0.01	2.3381E-10
rs538123067	G	A	0.07	0.01	2.3391E-10
rs143584056	T	C	0.12	0.01	2.3415E-10
rs538141957	C	T	0.15	0.02	2.3489E-10
rs116395095	T	C	0.06	0.01	2.3514E-10
rs78184972	A	T	0.13	0.02	2.3515E-10
rs148817067	A	G	0.06	0.0097939	2.3562E-10
rs192972702	T	C	0.13	0.02	2.3588E-10
rs373122174	T	G	0.17	0.02	2.3595E-10
rs114656676	A	C	0.13	0.02	2.3606E-10
rs147441372	T	C	0.17	0.02	2.3606E-10
rs144628291	T	A	0.14	0.02	2.3616E-10
rs189757787	A	G	0.12	0.02	2.3631E-10
rs189343487	T	C	0.25	0.04	2.3646E-10
rs143048995	T	C	0.12	0.02	2.3672E-10
rs114188015	G	T	0.13	0.02	2.3689E-10
rs116312860	T	C	0.13	0.02	2.3799E-10
rs558620754	A	T	0.12	0.02	2.3813E-10
7:118684036_A_G	G	A	0.04	0.0065587	2.383E-10

rs4463714	A	G	0.12	0.02	2.3863E-10
rs138221410	T	C	0.3	0.04	2.3869E-10
rs192400148	T	C	0.17	0.02	2.3888E-10
rs560062524	T	C	0.1	0.01	2.3912E-10
rs115449439	C	T	0.12	0.01	2.3915E-10
rs142437543	T	C	0.13	0.02	2.3932E-10
rs536394837	A	T	0.13	0.02	2.3984E-10
rs74619604	C	T	0.06	0.01	2.3994E-10
rs142639047	C	A	0.13	0.02	2.4022E-10
rs115328136	T	A	0.13	0.02	2.4044E-10
rs533876453	T	C	0.03	0.0048554	2.4047E-10
rs115009072	A	C	0.06	0.01	2.4059E-10
rs564901112	T	C	0.16	0.02	2.4061E-10
rs565194323	T	C	0.04	0.0066732	2.4084E-10
rs139107816	G	A	0.12	0.01	2.4106E-10
rs77699154	A	T	0.13	0.02	2.4107E-10
rs192437155	C	T	0.12	0.02	2.4111E-10
rs151061779	C	T	0.14	0.02	2.4156E-10
rs148403367	T	A	0.12	0.02	2.4173E-10
rs140717155	A	G	0.14	0.02	2.4178E-10
rs187195789	T	C	0.13	0.02	2.4183E-10
rs58538110	C	T	0.06	0.01	2.4197E-10
rs146790508	A	G	0.22	0.03	2.4203E-10
rs188546838	A	C	0.13	0.02	2.422E-10
rs116410829	G	T	0.13	0.02	2.4221E-10
rs141117566	T	G	0.13	0.02	2.4226E-10
rs202226172	T	C	0.9	0.14	2.4251E-10
rs116767408	C	T	0.14	0.02	2.4282E-10
rs184539599	T	C	0.07	0.01	2.4294E-10
rs76399453	T	C	0.13	0.02	2.4301E-10
rs143626785	A	G	0.06	0.01	2.4313E-10
rs151253889	A	G	0.18	0.02	2.4325E-10
rs115059069	C	T	0.13	0.02	2.4328E-10
rs542732629	G	A	0.06	0.01	2.4344E-10
rs140519223	T	C	0.13	0.02	2.4352E-10
rs74761374	T	C	0.06	0.01	2.4393E-10
rs113832582	T	G	0.13	0.02	2.4445E-10
rs140272503	C	T	2.79	0.44	2.4448E-10
rs147665022	C	A	0.13	0.02	2.4473E-10
rs138980991	C	A	0.13	0.02	2.4482E-10
rs557815850	A	C	0.13	0.02	2.4515E-10
rs548318190	T	C	0.02	0.0039895	2.4532E-10
rs148712762	A	G	0.07	0.01	2.4545E-10
rs114323715	A	G	0.57	0.09	2.4549E-10
rs182656276	G	A	0.16	0.02	2.4555E-10
rs181226075	T	C	0.13	0.02	2.4556E-10
rs75531510	T	C	0.16	0.02	2.4562E-10
rs113958167	T	C	0.15	0.02	2.457E-10
rs546089931	G	T	0.03	0.0055194	2.4586E-10
rs80108343	G	A	0.14	0.02	2.4592E-10
rs78077131	T	G	0.13	0.02	2.4604E-10
rs76040688	A	C	0.05	0.0092762	2.4633E-10
rs142939602	G	A	0.39	0.06	2.4659E-10
rs372059572	A	G	0.04	0.0067497	2.4663E-10
rs184952298	G	A	0.13	0.02	2.4671E-10
rs77268406	G	A	0.07	0.01	2.4676E-10
rs576844235	T	C	0.13	0.02	2.4694E-10
rs146070804	A	C	0.12	0.02	2.4719E-10
rs73797606	A	G	0.13	0.02	2.4753E-10
7:488015_G_A	A	G	0.04	0.00735	2.4754E-10
rs189576785	T	C	0.14	0.02	2.4757E-10

rs151307627	A	G	0.22	0.03	2.4771E-10
rs568758975	G	C	0.03	0.0057933	2.4782E-10
rs184798231	A	G	0.06	0.01	2.4846E-10
rs74668322	A	C	0.13	0.02	2.4864E-10
rs148437197	C	T	0.16	0.02	2.4865E-10
rs190871811	A	G	0.12	0.01	2.4869E-10
rs115991678	A	G	0.13	0.02	2.4928E-10
rs114834232	A	G	0.23	0.03	2.4929E-10
rs376431896	A	T	0.96	0.15	2.4948E-10
rs553951244	A	C	0.13	0.02	2.4949E-10
rs114578808	A	G	0.13	0.02	2.4974E-10
rs139823259	A	G	0.06	0.0097952	2.5004E-10
rs144432016	T	G	0.06	0.0097952	2.5004E-10
rs116356556	T	C	0.1	0.01	2.5022E-10
rs548557195	A	G	0.05	0.0083031	2.5029E-10
rs116522409	T	C	0.12	0.02	2.5029E-10
rs113119858	A	G	0.07	0.01	2.504E-10
rs534448713	A	C	0.14	0.02	2.5051E-10
rs182191785	T	C	0.22	0.03	2.5051E-10
rs36067275	T	C	0.12	0.02	2.5064E-10
rs75428758	G	A	0.79	0.12	2.5069E-10
rs543806805	C	T	0.17	0.02	2.5083E-10
rs115002951	C	T	0.13	0.02	2.5084E-10
rs116295090	G	A	0.12	0.02	2.5086E-10
rs114347583	A	G	0.12	0.02	2.51E-10
rs558028551	G	A	0.03	0.0057582	2.5112E-10
rs73364357	A	C	0.13	0.02	2.5126E-10
rs77242159	T	G	0.06	0.01	2.5128E-10
rs138618409	A	G	0.16	0.02	2.5144E-10
rs114594651	A	G	0.12	0.01	2.5218E-10
rs140483190	A	G	0.12	0.01	2.522E-10
rs192399931	T	C	0.14	0.02	2.5234E-10
rs77041174	T	C	0.09	0.01	2.5245E-10
rs114203345	A	G	0.08	0.01	2.5262E-10
rs13405313	T	C	0.13	0.02	2.5273E-10
rs573400054	C	T	0.05	0.0082873	2.5293E-10
rs535914743	T	C	0.13	0.02	2.5313E-10
rs192870406	C	A	0.48	0.07	2.5316E-10
rs148261349	T	C	0.06	0.01	2.5398E-10
rs188433122	A	C	0.13	0.02	2.5399E-10
rs114326732	T	C	0.06	0.01	2.5408E-10
rs114386693	A	G	0.13	0.02	2.5416E-10
rs144105408	A	G	0.12	0.02	2.5423E-10
rs539156796	T	C	0.13	0.02	2.5432E-10
rs55954033	C	T	0.06	0.01	2.5434E-10
rs138307216	A	G	0.13	0.02	2.5447E-10
rs533643191	T	C	0.13	0.02	2.5449E-10
rs112515042	C	T	0.13	0.02	2.5449E-10
rs144348933	G	A	0.12	0.01	2.5463E-10
rs187986343	C	T	0.13	0.02	2.5516E-10
rs138755069	A	G	0.13	0.02	2.5533E-10
rs183296296	T	G	0.4	0.06	2.5543E-10
rs188386484	T	G	0.14	0.02	2.5549E-10
rs144095998	G	C	0.13	0.02	2.5554E-10
rs760178111	T	C	0.05	0.0091073	2.5554E-10
rs147245725	T	C	0.06	0.01	2.5565E-10
rs75162531	T	C	0.11	0.01	2.56E-10
rs79720145	C	T	0.13	0.02	2.5608E-10
rs78329771	C	G	0.14	0.02	2.5626E-10
rs116128596	T	C	0.13	0.02	2.5645E-10
rs17152900	G	C	0.13	0.02	2.5646E-10

rs150471458	C	T	0.26	0.04	2.5648E-10
rs192595628	C	T	0.07	0.01	2.5665E-10
rs184569992	A	G	0.07	0.01	2.5666E-10
rs192153992	T	C	0.13	0.02	2.5695E-10
rs79885225	T	A	0.12	0.02	2.5708E-10
rs148140563	G	A	0.12	0.01	2.5723E-10
rs3010422	C	G	0.13	0.02	2.5745E-10
rs117442414	A	G	0.16	0.02	2.5748E-10
rs75273284	T	C	0.09	0.01	2.5785E-10
rs138054711	G	T	0.4	0.06	2.5786E-10
rs141469702	A	T	0.13	0.02	2.5789E-10
rs370529194	C	T	0.14	0.02	2.5807E-10
rs116042645	A	G	0.13	0.02	2.5813E-10
rs114464015	C	G	0.12	0.01	2.5829E-10
rs115516944	T	C	0.03	0.0055076	2.5838E-10
rs142428547	C	T	0.15	0.02	2.5872E-10
rs184410238	G	A	0.13	0.02	2.5876E-10
rs73694456	T	C	0.13	0.02	2.5888E-10
rs116213073	C	T	0.13	0.02	2.5901E-10
rs561638453	T	C	0.26	0.04	2.5921E-10
rs72946769	T	C	0.13	0.02	2.5933E-10
rs149582840	T	C	0.12	0.02	2.5969E-10
rs150103648	C	T	0.12	0.02	2.5978E-10
rs143333937	C	T	0.13	0.02	2.5982E-10
rs59312386	T	C	0.13	0.02	2.5996E-10
rs148976158	G	A	0.12	0.01	2.6004E-10
rs79307493	A	G	0.09	0.01	2.6006E-10
rs542651868	A	G	0.13	0.02	2.6097E-10
rs140233117	G	A	0.13	0.02	2.6099E-10
rs536673563	T	C	0.12	0.02	2.6108E-10
rs185893825	A	G	0.12	0.02	2.6142E-10
rs115120330	T	C	0.13	0.02	2.6147E-10
rs115751908	G	A	0.12	0.02	2.617E-10
rs146183378	C	T	0.29	0.04	2.6206E-10
rs116744948	G	C	0.13	0.02	2.6212E-10
rs148017381	A	T	0.13	0.02	2.6228E-10
rs191694374	A	G	0.13	0.02	2.6228E-10
rs184589397	A	G	0.05	0.0089528	2.6253E-10
rs115738951	G	A	0.04	0.007719	2.6289E-10
rs559384830	A	G	0.13	0.02	2.6304E-10
rs150703411	A	G	0.1	0.01	2.6308E-10
rs552417233	C	T	0.13	0.02	2.6313E-10
rs1395656	T	C	0.06	0.01	2.6314E-10
rs11899221	G	A	0.13	0.02	2.6368E-10
rs147459810	C	T	0.19	0.03	2.643E-10
rs114930541	G	A	0.14	0.02	2.6452E-10
rs372760658	C	G	0.12	0.02	2.6465E-10
rs111398799	A	G	0.12	0.02	2.6618E-10
rs148364852	C	T	0.22	0.03	2.6628E-10
rs149613568	T	C	0.19	0.03	2.6634E-10
rs374506563	G	A	0.56	0.08	2.6648E-10
rs77797087	C	T	0.13	0.02	2.6669E-10
rs114350561	T	C	0.32	0.05	2.6692E-10
rs191807843	G	T	0.14	0.02	2.6709E-10
rs564050224	T	A	0.13	0.02	2.6733E-10
rs187229058	C	T	0.07	0.01	2.6735E-10
1:77063168_G_A	A	G	0.06	0.01	2.6772E-10
rs78424363	C	G	0.12	0.02	2.6781E-10
rs80019854	C	T	0.13	0.02	2.6789E-10
rs78064589	A	G	0.13	0.02	2.68E-10
rs140716106	A	C	0.06	0.01	2.6816E-10

rs151224033	A	G	0.06	0.01	2.6839E-10
rs148782859	C	T	0.13	0.02	2.685E-10
rs77313642	G	T	0.13	0.02	2.6872E-10
rs191908020	C	A	0.13	0.02	2.6903E-10
rs187642779	A	G	0.13	0.02	2.6916E-10
rs139388534	T	G	0.49	0.07	2.6925E-10
rs140148652	A	G	0.13	0.02	2.6931E-10
rs114471995	T	G	0.13	0.02	2.6936E-10
rs115609784	G	A	0.12	0.02	2.6945E-10
rs73710387	A	G	0.13	0.02	2.6968E-10
rs76889649	C	G	0.13	0.02	2.6994E-10
rs113746638	A	G	0.12	0.02	2.6994E-10
rs539407513	A	G	0.11	0.01	2.7005E-10
rs372334822	T	G	0.06	0.01	2.7017E-10
rs114805347	G	C	0.12	0.02	2.7084E-10
rs149209071	G	A	0.64	0.1	2.709E-10
rs571980628	C	A	0.18	0.02	2.709E-10
rs188730770	A	G	0.12	0.02	2.7091E-10
rs551175682	A	T	0.31	0.04	2.7094E-10
rs114360700	T	G	0.35	0.05	2.7101E-10
rs189944746	T	C	0.13	0.02	2.7103E-10
rs116733263	G	A	0.12	0.02	2.7138E-10
rs144131797	A	C	0.12	0.02	2.7141E-10
rs148802253	T	C	0.12	0.02	2.7156E-10
rs59866071	A	G	0.11	0.01	2.7164E-10
rs188079337	A	G	0.11	0.01	2.7168E-10
rs75982051	C	T	0.06	0.01	2.7174E-10
rs188572644	C	T	0.11	0.01	2.7225E-10
rs79777066	G	C	0.06	0.01	2.7232E-10
rs771462516	A	C	0.04	0.0071635	2.7238E-10
rs544525553	A	G	0.13	0.02	2.7244E-10
6:131374547_G_A	A	G	0.05	0.0090178	2.7248E-10
rs182832578	G	A	0.48	0.07	2.7281E-10
rs139097423	T	C	0.14	0.02	2.7288E-10
rs77356340	A	G	0.07	0.01	2.7297E-10
rs145266204	A	G	0.06	0.01	2.7317E-10
rs144987590	T	C	0.06	0.01	2.7317E-10
rs147610392	C	A	0.06	0.01	2.7317E-10
rs577038281	G	T	0.4	0.06	2.7325E-10
rs373450678	G	A	0.16	0.02	2.7326E-10
rs116259929	T	C	0.12	0.02	2.7335E-10
rs77215805	T	C	0.12	0.02	2.7344E-10
rs369427482	A	G	0.13	0.02	2.7345E-10
rs368683017	G	A	0.26	0.04	2.7351E-10
rs73671306	T	C	0.12	0.02	2.7372E-10
rs150537962	T	C	0.06	0.01	2.738E-10
rs781462821	T	C	0.05	0.0094135	2.7391E-10
rs114521188	C	T	0.13	0.02	2.7404E-10
rs187395944	C	T	0.13	0.02	2.7408E-10
rs73980250	A	G	0.18	0.02	2.7416E-10
rs865980077	G	C	0.04	0.0076573	2.7431E-10
rs61011012	T	C	0.06	0.01	2.7432E-10
rs140048105	C	T	0.1	0.01	2.7491E-10
rs112711091	A	T	0.19	0.03	2.7497E-10
rs756098503	G	A	0.02	0.0038633	2.7498E-10
rs114805235	G	A	0.12	0.01	2.7512E-10
rs73806662	G	C	0.13	0.02	2.7534E-10
rs774024535	A	G	0.04	0.0075485	2.7541E-10
rs140066357	A	G	0.13	0.02	2.7563E-10
rs7795693	A	G	0.06	0.01	2.7592E-10
rs138732271	G	C	0.13	0.02	2.7598E-10



rs140784883	T	C	0.11	0.01	2.7601E-10
rs147343220	A	G	0.13	0.02	2.761E-10
rs138070974	G	A	0.03	0.0061185	2.7628E-10
rs3218962	C	G	0.14	0.02	2.7629E-10
rs115307975	A	G	0.38	0.06	2.7635E-10
rs183110770	G	C	0.13	0.02	2.7654E-10
rs79193515	T	C	0.12	0.01	2.7657E-10
rs549167038	T	C	0.17	0.02	2.7667E-10
rs12078475	G	A	0.1	0.01	2.7669E-10
rs10125132	C	A	0.21	0.03	2.7697E-10
rs142066591	G	A	0.13	0.02	2.7708E-10
rs77180340	G	C	0.04	0.0078992	2.7712E-10
rs141146650	A	G	0.08	0.01	2.7752E-10
rs12620102	A	G	0.06	0.01	2.7772E-10
rs149833043	A	G	0.13	0.02	2.7778E-10
rs761830689	T	A	0.12	0.01	2.7783E-10
rs184053356	A	T	0.17	0.02	2.7791E-10
rs186882470	T	A	0.17	0.02	2.7791E-10
rs28758884	T	C	0.12	0.02	2.7794E-10
rs529127024	T	C	0.05	0.0084109	2.78E-10
rs373667125	G	A	0.17	0.02	2.7807E-10
rs115538414	G	T	0.17	0.02	2.7807E-10
rs138329273	G	A	0.34	0.05	2.7808E-10
rs78641322	G	A	0.13	0.02	2.7813E-10
rs116707499	T	C	0.12	0.02	2.7813E-10
rs79939347	T	A	0.04	0.0070773	2.784E-10
rs7576206	A	G	0.05	0.0084568	2.7849E-10
rs115267230	C	T	0.13	0.02	2.7891E-10
rs142939057	T	C	0.13	0.02	2.7928E-10
rs180906395	C	A	0.04	0.0065116	2.7933E-10
rs575359673	T	A	0.25	0.04	2.7963E-10
rs765815909	A	G	0.04	0.007115	2.8022E-10
rs187778851	A	G	0.13	0.02	2.8054E-10
rs116243673	G	T	0.13	0.02	2.8075E-10
rs75676418	T	C	0.11	0.01	2.8103E-10
rs139581557	G	A	0.12	0.02	2.8117E-10
rs148866142	T	C	0.04	0.0065367	2.8156E-10
rs192159910	A	G	0.13	0.02	2.8157E-10
rs12001449	G	A	0.12	0.02	2.8163E-10
rs114279544	C	T	0.1	0.01	2.8174E-10
rs374174037	C	G	0.17	0.02	2.8184E-10
rs140975607	G	A	0.13	0.02	2.8187E-10
rs78689914	A	G	0.13	0.02	2.8198E-10
rs147738692	A	G	0.13	0.02	2.8211E-10
rs73414334	A	T	0.09	0.01	2.8218E-10
rs372007408	C	T	0.17	0.02	2.822E-10
rs140399419	T	C	0.17	0.02	2.822E-10
rs181831935	A	C	0.17	0.02	2.822E-10
rs72988980	A	G	0.12	0.02	2.8227E-10
rs575511704	A	G	0.05	0.0087675	2.8266E-10
rs78198060	C	A	0.17	0.02	2.8267E-10
rs530543547	A	G	0.17	0.02	2.8267E-10
rs535896735	A	G	0.13	0.02	2.8267E-10
rs115897634	T	C	0.12	0.02	2.8277E-10
rs115015270	T	C	0.12	0.01	2.8307E-10
2:210380574_G_A	A	G	0.04	0.0069134	2.8311E-10
rs193171725	C	A	0.48	0.07	2.8311E-10
rs142779189	C	A	0.4	0.06	2.8328E-10
rs114780067	T	C	0.13	0.02	2.8328E-10
rs149232036	T	A	0.13	0.02	2.8334E-10
rs150427787	G	C	0.06	0.0098087	2.8337E-10

rs188660791	G	A	0.13	0.02	2.8342E-10
rs9886843	A	G	0.13	0.02	2.8435E-10
rs367944494	A	G	0.04	0.0073531	2.8442E-10
rs151298188	A	T	0.04	0.0067268	2.8454E-10
rs111532387	G	C	0.13	0.02	2.8461E-10
rs537751691	G	A	0.12	0.02	2.8462E-10
rs116557179	T	C	0.12	0.02	2.8463E-10
rs58782413	T	C	0.11	0.01	2.8477E-10
rs556692851	T	A	4.67	0.74	2.8497E-10
rs17025181	T	G	0.06	0.01	2.8506E-10
rs369438055	T	A	0.13	0.02	2.8536E-10
rs113911649	T	C	0.04	0.0073605	2.854E-10
rs551494415	T	C	0.2	0.03	2.8565E-10
rs576873128	C	T	0.05	0.0087616	2.8567E-10
rs112531651	A	C	0.11	0.01	2.8577E-10
rs150889024	A	G	0.04	0.0072049	2.862E-10
rs113855027	T	C	0.11	0.01	2.8678E-10
rs571244921	G	T	0.3	0.04	2.8685E-10
rs148356916	A	G	0.06	0.01	2.8712E-10
rs369852194	T	C	0.07	0.01	2.8716E-10
rs540476897	T	C	0.13	0.02	2.8727E-10
rs150588532	T	G	0.12	0.02	2.8779E-10
rs188719403	T	G	0.06	0.01	2.8808E-10
rs145176988	A	G	0.12	0.02	2.8861E-10
rs182089828	C	T	0.12	0.02	2.8865E-10
rs139847678	C	T	0.1	0.01	2.8903E-10
rs187885501	T	C	0.07	0.01	2.8913E-10
rs554079309	A	G	0.12	0.02	2.8917E-10
rs77868400	A	T	0.13	0.02	2.8946E-10
rs79191900	A	C	0.12	0.01	2.8974E-10
rs75731222	C	T	0.13	0.02	2.8997E-10
rs150691039	A	G	0.42	0.06	2.9019E-10
rs79750787	G	A	0.16	0.02	2.9035E-10
rs147640216	A	G	1.73	0.27	2.909E-10
rs144107207	G	A	0.14	0.02	2.909E-10
rs79636622	C	T	0.06	0.01	2.9093E-10
rs117559169	G	A	0.1	0.01	2.9104E-10
rs115124878	G	C	0.28	0.04	2.9105E-10
rs79015850	C	T	0.06	0.01	2.9106E-10
rs149392614	C	T	0.11	0.01	2.9116E-10
rs189833101	A	C	0.48	0.07	2.9143E-10
rs114694837	A	G	0.13	0.02	2.9161E-10
rs111699094	A	G	0.12	0.02	2.9163E-10
rs139576249	A	C	0.2	0.03	2.9169E-10
rs372183141	T	A	0.12	0.02	2.9178E-10
rs189599511	C	T	0.13	0.02	2.9186E-10
rs142770029	A	G	0.08	0.01	2.9205E-10
rs181011292	A	C	0.15	0.02	2.9286E-10
rs752314968	G	A	0.03	0.0052268	2.9287E-10
rs144643993	A	G	0.12	0.02	2.9334E-10
rs79120216	A	G	0.04	0.0070065	2.9335E-10
rs115624867	T	C	0.12	0.02	2.9336E-10
rs149990598	A	G	0.4	0.06	2.9342E-10
rs145757108	T	C	0.13	0.02	2.9371E-10
rs552222441	A	G	0.15	0.02	2.9473E-10
rs192051640	C	G	0.5	0.07	2.9479E-10
rs78633385	T	C	0.17	0.02	2.9491E-10
rs140870741	A	G	0.13	0.02	2.9513E-10
rs147695056	A	C	0.12	0.02	2.9524E-10
rs139985653	C	T	0.12	0.02	2.9525E-10
rs146590334	C	T	0.16	0.02	2.9544E-10

rs114210118	C	T	0.12	0.02	2.9546E-10
rs116641905	A	G	0.12	0.02	2.9546E-10
rs141310790	G	A	0.06	0.01	2.9546E-10
rs138580980	C	T	0.42	0.06	2.9555E-10
rs72850862	G	A	0.13	0.02	2.956E-10
rs142896287	T	C	0.04	0.0078971	2.956E-10
rs138667867	T	C	0.13	0.02	2.9562E-10
rs114994512	G	A	0.12	0.01	2.9577E-10
rs187639615	T	G	0.1	0.01	2.9586E-10
rs116126478	G	C	0.13	0.02	2.9598E-10
rs117978752	A	T	0.13	0.02	2.9607E-10
rs544816904	C	T	0.67	0.1	2.9617E-10
rs73386803	G	A	0.13	0.02	2.9645E-10
rs113010549	G	A	0.12	0.02	2.9677E-10
rs61732842	A	G	0.06	0.01	2.9686E-10
rs114746404	A	G	0.12	0.02	2.9687E-10
rs148191394	A	G	0.13	0.02	2.969E-10
rs757622643	C	G	0.07	0.01	2.9692E-10
rs138472416	G	A	0.12	0.01	2.9696E-10
rs141449012	T	G	0.12	0.02	2.9698E-10
rs143283195	A	G	0.13	0.02	2.9705E-10
rs151222945	T	C	0.13	0.02	2.9708E-10
5:18757010_G_C	C	G	0.03	0.005392	2.9716E-10
rs75729872	A	G	0.23	0.03	2.9717E-10
2:193043431_G_A	A	G	0.04	0.0064589	2.9721E-10
rs578156340	T	A	0.07	0.01	2.9729E-10
rs115112818	A	C	0.12	0.02	2.9741E-10
rs191720497	C	T	0.13	0.02	2.9769E-10
rs181398661	T	C	0.92	0.14	2.9776E-10
rs13374189	C	T	0.06	0.01	2.9818E-10
rs57281665	A	G	0.13	0.02	2.9831E-10
rs76980270	T	C	0.04	0.0069909	2.9851E-10
rs139556389	A	G	0.07	0.01	2.9852E-10
rs150424686	T	G	0.12	0.02	2.9865E-10
rs145023389	A	T	0.11	0.01	2.9867E-10
rs9886859	A	G	0.13	0.02	2.9913E-10
rs192247307	C	T	0.11	0.01	2.9938E-10
rs60544805	G	A	0.06	0.01	2.9968E-10
rs189432944	G	T	0.07	0.01	2.9979E-10
rs182608610	T	G	0.12	0.02	3.0062E-10
rs368018162	A	G	0.24	0.03	3.012E-10
rs546080123	G	A	0.12	0.02	3.013E-10
rs200102279	A	G	0.18	0.02	3.0148E-10
rs78759537	T	G	0.12	0.02	3.0177E-10
rs182521081	A	G	0.2	0.03	3.0199E-10
rs548991360	A	T	0.08	0.01	3.0208E-10
rs115514071	A	G	0.16	0.02	3.0214E-10
rs756436700	T	C	0.02	0.0044785	3.0221E-10
rs185153020	T	A	0.3	0.04	3.0228E-10
rs115496254	T	C	0.13	0.02	3.0267E-10
rs184724249	G	A	0.12	0.02	3.0289E-10
8:61972630_A_G	G	A	0.04	0.0073689	3.0332E-10
rs148513596	T	G	0.07	0.01	3.0336E-10
rs138817810	G	A	0.07	0.01	3.04E-10
rs565255589	C	G	0.13	0.02	3.0405E-10
rs190101375	C	A	0.13	0.02	3.0411E-10
rs150967350	G	A	0.12	0.02	3.0453E-10
rs149300701	A	G	0.12	0.02	3.046E-10
rs191626919	C	T	0.05	0.0084835	3.0516E-10
rs147407656	T	C	0.13	0.02	3.0579E-10
rs114126970	C	A	0.07	0.01	3.0613E-10

rs112940265	A	G	0.13	0.02	3.0638E-10
rs566354139	C	T	0.04	0.0063994	3.0712E-10
rs146801820	T	G	0.17	0.02	3.0727E-10
rs146644761	C	G	0.13	0.02	3.0756E-10
rs150150151	T	C	0.04	0.0079358	3.0761E-10
rs141053516	T	C	0.07	0.01	3.0763E-10
rs115820927	A	G	0.13	0.02	3.0769E-10
rs73419132	C	T	0.14	0.02	3.0769E-10
rs141421508	T	C	0.12	0.02	3.0772E-10
rs757323860	A	C	0.03	0.0054501	3.0805E-10
rs190816738	T	C	0.09	0.01	3.0877E-10
rs150753351	T	C	0.2	0.03	3.0884E-10
rs868069898	A	G	0.04	0.0078398	3.091E-10
rs147204299	T	C	0.08	0.01	3.0941E-10
rs114116756	G	A	0.24	0.03	3.0941E-10
rs188660907	G	A	0.48	0.07	3.0975E-10
rs140108618	A	G	0.12	0.02	3.0977E-10
rs79252738	C	T	0.08	0.01	3.0989E-10
rs191227568	T	C	0.12	0.02	3.1024E-10
rs577458583	T	C	0.12	0.02	3.1084E-10
rs587725161	T	C	0.14	0.02	3.1096E-10
rs74926620	C	G	0.06	0.01	3.1105E-10
rs137983088	C	A	0.12	0.02	3.118E-10
rs186883100	A	C	0.03	0.0056339	3.1193E-10
6:21333786_T_C	C	T	0.04	0.0070126	3.1199E-10
rs144144432	C	G	0.13	0.02	3.1221E-10
rs16845570	C	A	0.12	0.02	3.1228E-10
rs148111991	C	T	0.21	0.03	3.1276E-10
rs193249173	G	A	0.33	0.05	3.1315E-10
rs114171361	C	T	0.13	0.02	3.1328E-10
rs76997903	T	A	0.06	0.01	3.1409E-10
rs556212473	C	T	0.05	0.0088569	3.141E-10
rs373639274	A	G	0.04	0.0069422	3.1423E-10
rs549685027	G	A	0.16	0.02	3.1442E-10
rs149259734	T	G	0.13	0.02	3.1476E-10
rs76068259	A	G	0.11	0.01	3.1496E-10
rs137865206	A	G	0.12	0.02	3.1624E-10
rs141342803	T	C	0.13	0.02	3.1638E-10
rs147426813	G	A	0.13	0.02	3.1638E-10
5:17248754_C_T	T	C	0.03	0.0052285	3.1642E-10
rs56351044	C	T	0.13	0.02	3.1646E-10
rs75481246	C	G	0.04	0.0071002	3.166E-10
rs140762194	C	A	0.12	0.02	3.1662E-10
rs115249913	G	T	0.04	0.0071001	3.1707E-10
rs138255738	T	C	0.13	0.02	3.1711E-10
rs199681589	G	A	0.08	0.01	3.1716E-10
rs78770669	G	A	0.14	0.02	3.175E-10
rs369742075	A	T	0.12	0.02	3.179E-10
rs552864761	A	G	0.16	0.02	3.1792E-10
rs76670925	T	G	0.16	0.02	3.1805E-10
rs74532853	A	G	0.12	0.02	3.1841E-10
rs186562456	G	A	0.12	0.02	3.1889E-10
rs79381604	C	T	0.1	0.01	3.1895E-10
rs145978441	C	A	0.13	0.02	3.1903E-10
rs577202626	C	A	0.15	0.02	3.1956E-10
rs563178335	T	C	0.14	0.02	3.1981E-10
rs555356683	G	C	0.17	0.02	3.1984E-10
rs545911906	T	C	0.03	0.0062935	3.1993E-10
rs116599131	T	C	0.12	0.02	3.1995E-10
rs183108059	C	T	0.08	0.01	3.2001E-10
rs553517300	G	T	0.04	0.0068383	3.2014E-10

rs140071426	C	A	0.06	0.01	3.2023E-10
rs558233808	C	T	0.04	0.0072456	3.2029E-10
rs112176823	A	G	0.12	0.02	3.2063E-10
rs145995097	T	C	0.13	0.02	3.2073E-10
rs182504225	T	G	0.12	0.02	3.208E-10
rs185546456	T	G	0.12	0.02	3.208E-10
rs145926506	T	C	0.12	0.02	3.2096E-10
rs143665378	A	G	0.15	0.02	3.2119E-10
rs775514724	C	T	0.03	0.0055139	3.2142E-10
rs544942368	T	C	0.12	0.02	3.2147E-10
rs114038432	T	C	0.13	0.02	3.2151E-10
rs181894695	A	G	0.12	0.02	3.2185E-10
rs73680185	G	A	0.06	0.01	3.2221E-10
rs76714861	C	T	0.13	0.02	3.2258E-10
rs566301350	A	T	0.14	0.02	3.2271E-10
rs561590520	C	T	0.13	0.02	3.2285E-10
rs141614631	A	G	0.12	0.02	3.2345E-10
rs112067355	A	G	0.12	0.02	3.2376E-10
rs573723421	T	C	0.13	0.02	3.2399E-10
rs111331500	C	T	0.15	0.02	3.2432E-10
rs140645908	G	A	0.39	0.06	3.2433E-10
rs9657909	T	C	0.13	0.02	3.2439E-10
rs80246437	T	C	0.04	0.0070033	3.2468E-10
rs115129806	G	A	0.07	0.01	3.2489E-10
rs377216858	G	A	0.07	0.01	3.2535E-10
rs370122965	G	A	0.06	0.01	3.2536E-10
rs148236475	T	A	0.13	0.02	3.2563E-10
rs57184464	G	A	0.12	0.02	3.2564E-10
rs141617509	G	C	0.14	0.02	3.2564E-10
rs143025534	T	C	0.2	0.03	3.2664E-10
rs78427795	G	A	0.06	0.01	3.2665E-10
rs142600360	T	G	0.39	0.06	3.2667E-10
rs180794787	A	G	1.77	0.28	3.2669E-10
rs575294781	T	G	0.12	0.02	3.2673E-10
rs140033287	A	G	0.07	0.01	3.2678E-10
rs577638087	C	T	0.22	0.03	3.268E-10
rs111297405	C	T	0.78	0.12	3.2707E-10
rs115465557	A	G	0.2	0.03	3.271E-10
rs560052562	G	C	0.13	0.02	3.2733E-10
rs76300148	C	A	0.06	0.01	3.274E-10
rs144029751	C	T	0.07	0.01	3.2756E-10
rs17165138	T	C	0.06	0.01	3.2772E-10
rs113920746	G	A	0.06	0.01	3.2789E-10
rs181073254	G	T	0.15	0.02	3.2793E-10
rs143316694	T	C	0.12	0.02	3.2831E-10
rs146126074	C	G	0.13	0.02	3.2869E-10
rs148123577	G	A	0.13	0.02	3.2905E-10
rs147361297	G	C	0.16	0.02	3.2916E-10
rs142754216	T	C	0.12	0.02	3.292E-10
rs143247144	T	C	0.04	0.0070943	3.2935E-10
rs764227233	A	G	0.02	0.0045327	3.2947E-10
rs11808678	C	T	0.02	0.0045654	3.2951E-10
rs77162171	A	G	0.04	0.0070848	3.2986E-10
rs114559904	C	A	0.04	0.0070848	3.3008E-10
rs11465663	T	G	0.13	0.02	3.3085E-10
rs147116837	C	T	0.12	0.02	3.3091E-10
5:85948303_A_G	G	A	0.02	0.0044229	3.3103E-10
rs560122390	C	T	0.09	0.01	3.3182E-10
rs115931791	G	T	0.04	0.0069944	3.3226E-10
rs113897356	G	C	0.06	0.01	3.3242E-10
rs529785826	A	G	0.13	0.02	3.3278E-10

rs138980219	C	G	0.13	0.02	3.3306E-10
rs139442094	C	T	0.28	0.04	3.3314E-10
rs147536068	C	T	0.12	0.02	3.3322E-10
rs73680194	T	C	0.06	0.01	3.3336E-10
rs147293002	T	C	0.04	0.0071082	3.3385E-10
rs112597508	G	A	0.13	0.02	3.3459E-10
rs115175191	C	T	0.13	0.02	3.3469E-10
rs558447834	A	G	0.14	0.02	3.3491E-10
rs146710448	G	A	0.12	0.02	3.3573E-10
rs114860605	A	T	0.12	0.01	3.3579E-10
rs140555446	C	G	0.12	0.02	3.3595E-10
rs566955987	G	C	0.14	0.02	3.3603E-10
rs73692767	C	G	0.07	0.01	3.3612E-10
rs187610367	G	T	0.17	0.02	3.3632E-10
rs11902977	A	G	0.04	0.0075749	3.3643E-10
rs139900398	A	T	0.06	0.0097354	3.3652E-10
rs73536834	T	C	0.17	0.02	3.3663E-10
rs116732095	A	C	0.1	0.01	3.3703E-10
rs181853835	T	C	0.17	0.02	3.3759E-10
rs186815297	T	C	0.17	0.02	3.3759E-10
rs374787458	C	T	0.17	0.02	3.3759E-10
rs188348283	T	C	0.17	0.02	3.3759E-10
rs78134937	C	G	0.17	0.02	3.3759E-10
rs112842675	A	G	0.12	0.01	3.3773E-10
rs565924507	C	G	1.07	0.17	3.3799E-10
rs139215190	A	T	0.12	0.02	3.3811E-10
rs376486858	C	G	0.12	0.02	3.3856E-10
rs143487313	G	A	0.52	0.08	3.3862E-10
rs75576886	T	G	0.22	0.03	3.3874E-10
rs146415966	G	A	0.06	0.01	3.3895E-10
rs115086473	A	G	0.14	0.02	3.3923E-10
rs185709150	G	A	0.12	0.02	3.3942E-10
rs573634378	C	T	0.03	0.0056243	3.3945E-10
rs111459246	G	A	0.13	0.02	3.4005E-10
rs191938641	T	C	0.15	0.02	3.4053E-10
rs113210750	T	C	0.12	0.02	3.4068E-10
rs138215950	T	C	0.06	0.0099977	3.407E-10
rs77707109	G	A	0.04	0.0074435	3.4125E-10
rs75856681	A	G	0.12	0.02	3.4133E-10
rs9886922	G	A	0.13	0.02	3.4142E-10
rs114733358	T	C	0.12	0.02	3.4153E-10
rs114497132	G	A	0.12	0.02	3.4178E-10
rs147410870	T	C	0.11	0.01	3.419E-10
rs187375965	C	T	0.31	0.04	3.4204E-10
2:79842501_A_G	G	A	0.05	0.0092131	3.4316E-10
rs115095958	T	C	0.14	0.02	3.4347E-10
rs78603898	T	A	0.1	0.01	3.4366E-10
rs139864636	G	A	0.13	0.02	3.4405E-10
rs80289421	T	A	0.13	0.02	3.4407E-10
rs75558995	G	C	0.12	0.01	3.4438E-10
rs115220500	T	A	0.07	0.01	3.445E-10
rs140569892	A	C	0.12	0.02	3.445E-10
rs144713650	T	A	0.06	0.0097185	3.4591E-10
rs7662064	G	A	0.02	0.0045527	3.4592E-10
rs111634252	G	C	0.13	0.02	3.4609E-10
rs138683569	A	G	0.12	0.02	3.4613E-10
rs138160856	G	T	0.06	0.01	3.4671E-10
rs80239685	C	T	0.06	0.01	3.4706E-10
rs182237888	G	T	0.14	0.02	3.4725E-10
rs183059277	T	C	0.07	0.01	3.4802E-10
rs144184579	T	G	0.6	0.09	3.4803E-10

rs532919754	A	G	0.22	0.03	3.4857E-10
rs145265289	T	C	0.13	0.02	3.4867E-10
5:175346875_T_G	G	T	0.06	0.01	3.4871E-10
rs111335441	T	C	0.12	0.02	3.4895E-10
rs115491778	G	A	0.07	0.01	3.4921E-10
rs190997349	G	A	0.19	0.03	3.4943E-10
rs537797221	C	T	0.16	0.02	3.5052E-10
rs112104200	C	T	0.12	0.02	3.507E-10
rs141968857	C	T	0.73	0.11	3.5086E-10
rs79087532	T	C	0.06	0.009571	3.5087E-10
rs11931579	A	G	0.12	0.02	3.5158E-10
rs28633490	G	T	0.12	0.01	3.5161E-10
rs112651150	T	C	0.12	0.02	3.5177E-10
rs191666898	G	C	0.12	0.02	3.5211E-10
rs371296805	T	C	0.13	0.02	3.5264E-10
rs115595076	G	A	0.06	0.01	3.5312E-10
rs76913988	A	G	0.13	0.02	3.5331E-10
rs184940267	C	G	0.12	0.02	3.5344E-10
rs145702432	A	G	0.04	0.0073068	3.5348E-10
rs553755885	G	C	0.02	0.003586	3.5378E-10
rs148573004	A	G	0.06	0.01	3.5394E-10
rs144480224	G	C	0.06	0.0097137	3.5439E-10
rs73855362	A	G	0.12	0.02	3.547E-10
rs138214279	T	C	0.12	0.02	3.547E-10
rs75567156	C	G	0.13	0.02	3.5511E-10
rs573129568	T	A	0.04	0.0064702	3.5558E-10
rs116660682	T	G	0.12	0.02	3.5573E-10
rs558675382	A	T	0.17	0.02	3.5638E-10
rs74564401	C	G	0.12	0.01	3.5644E-10
rs542530260	T	C	0.18	0.02	3.5654E-10
rs116401694	T	C	0.14	0.02	3.5669E-10
rs78780111	T	G	0.29	0.04	3.5673E-10
rs536145416	C	T	0.06	0.01	3.5697E-10
rs79730284	G	C	0.06	0.01	3.5779E-10
rs566203814	T	C	0.13	0.02	3.5909E-10
rs116591982	T	C	0.12	0.02	3.5914E-10
rs113853838	C	A	0.12	0.02	3.5944E-10
rs76299973	C	G	0.13	0.02	3.596E-10
rs147539362	G	A	0.12	0.01	3.5982E-10
rs115537890	A	G	0.12	0.02	3.6037E-10
rs115573900	A	G	0.12	0.02	3.6041E-10
rs112244999	T	C	0.17	0.02	3.6066E-10
rs117443018	A	G	0.2	0.03	3.6069E-10
rs115493524	T	G	0.06	0.01	3.6076E-10
rs571545577	A	G	0.06	0.01	3.6085E-10
rs572977093	G	A	0.12	0.02	3.6131E-10
rs142637782	C	T	0.13	0.02	3.6138E-10
rs76930918	T	C	0.06	0.01	3.6208E-10
rs550899144	T	G	0.22	0.03	3.6217E-10
rs190789958	C	T	0.15	0.02	3.6225E-10
rs113421169	T	C	0.12	0.02	3.6239E-10
rs74539501	T	C	0.06	0.01	3.6258E-10
rs2577214	A	C	-0.08	0.01	3.6296E-10
rs550678907	A	G	0.17	0.02	3.6323E-10
rs572581058	A	T	2.73	0.43	3.6325E-10
rs147475885	A	G	0.65	0.1	3.6341E-10
rs187187825	T	C	0.12	0.02	3.6375E-10
rs114718279	A	G	0.06	0.01	3.6376E-10
rs115757552	G	T	0.12	0.02	3.6377E-10
rs17848062	G	A	0.17	0.02	3.6379E-10
rs117525405	C	T	0.12	0.02	3.6417E-10

rs576263578	C	A	0.12	0.02	3.6437E-10
rs150274601	T	C	0.12	0.02	3.6443E-10
rs114594862	A	G	0.07	0.01	3.6535E-10
rs147582253	G	A	0.06	0.01	3.6539E-10
rs149859584	A	G	0.13	0.02	3.6539E-10
rs367900137	T	C	0.03	0.0053555	3.6554E-10
rs540262338	A	C	0.3	0.04	3.6567E-10
rs111580242	C	A	0.07	0.01	3.6584E-10
rs150059206	C	A	0.07	0.01	3.6586E-10
rs79895035	C	G	0.13	0.02	3.6622E-10
rs79733399	T	C	0.06	0.01	3.6677E-10
3:126359357_C_T	T	C	0.04	0.0074672	3.6691E-10
rs149358152	C	T	0.14	0.02	3.6693E-10
rs149456405	G	T	0.12	0.02	3.6715E-10
rs116025447	G	A	0.13	0.02	3.673E-10
rs79239399	C	T	0.06	0.01	3.6759E-10
rs28412136	C	G	0.12	0.02	3.6811E-10
rs561962050	G	C	0.06	0.01	3.6837E-10
rs181937072	A	G	0.12	0.02	3.6878E-10
rs75168550	C	T	0.08	0.01	3.6898E-10
rs562648627	G	A	0.12	0.02	3.6909E-10
rs576178533	C	T	0.12	0.02	3.6924E-10
rs139269704	T	C	0.15	0.02	3.693E-10
rs558499174	C	G	0.12	0.02	3.6961E-10
rs12343173	T	C	0.12	0.02	3.6966E-10
rs145783122	T	A	0.2	0.03	3.699E-10
rs16825119	G	T	0.13	0.02	3.6992E-10
rs149537727	T	C	0.12	0.02	3.7008E-10
rs114795379	A	G	0.13	0.02	3.7017E-10
rs780704476	A	G	0.03	0.0051197	3.7028E-10
rs115774509	T	C	0.26	0.04	3.7032E-10
rs149421150	C	G	1.46	0.23	3.7043E-10
rs542832410	A	C	0.03	0.0056777	3.7062E-10
rs77912121	C	T	0.07	0.01	3.7091E-10
rs11903077	G	A	0.14	0.02	3.7111E-10
rs144520982	A	G	0.12	0.02	3.7131E-10
rs148883105	G	A	0.12	0.02	3.7174E-10
rs146260964	C	T	0.13	0.02	3.718E-10
rs141510663	T	C	0.15	0.02	3.7193E-10
rs3218946	C	G	0.14	0.02	3.7204E-10
rs140699810	A	G	0.12	0.02	3.7215E-10
rs142964588	A	G	0.12	0.02	3.7221E-10
rs79228355	C	G	0.06	0.01	3.7245E-10
rs184623804	A	G	0.1	0.01	3.725E-10
rs192876926	T	C	0.12	0.02	3.7276E-10
rs557712734	A	G	0.1	0.01	3.7288E-10
rs548532592	A	G	0.22	0.03	3.7297E-10
rs78513644	A	T	0.12	0.02	3.731E-10
rs145884641	C	G	0.12	0.02	3.7331E-10
rs146858082	T	C	0.12	0.01	3.7332E-10
rs73690299	T	C	0.12	0.01	3.7386E-10
rs77731939	G	C	0.06	0.01	3.7386E-10
rs79159329	G	C	0.06	0.01	3.7398E-10
rs117579875	C	T	0.11	0.01	3.7406E-10
rs140360186	C	G	0.04	0.0070707	3.7412E-10
rs13415090	C	T	0.23	0.03	3.7432E-10
rs116656542	C	G	0.06	0.01	3.7435E-10
rs182044818	C	T	0.15	0.02	3.7458E-10
rs185839946	A	G	0.12	0.02	3.7478E-10
rs143649949	A	G	0.14	0.02	3.7503E-10
rs114176734	A	G	0.12	0.02	3.7514E-10



rs115528364	A	T	0.12	0.02	3.7534E-10
rs78298628	T	C	0.06	0.01	3.7554E-10
rs755149818	C	T	0.03	0.0056307	3.757E-10
rs557411777	T	A	0.06	0.01	3.7667E-10
rs187096348	T	G	0.07	0.01	3.7726E-10
rs115324680	T	A	0.12	0.01	3.7736E-10
rs116319132	C	T	0.04	0.0069751	3.7772E-10
rs114020320	A	G	0.13	0.02	3.7789E-10
rs116240600	G	A	0.12	0.02	3.7808E-10
rs191949529	G	T	0.22	0.03	3.784E-10
rs144405684	A	G	0.13	0.02	3.7842E-10
rs114465860	T	C	0.13	0.02	3.7853E-10
rs76860358	C	A	0.04	0.006896	3.7865E-10
rs144857938	A	C	0.15	0.02	3.7891E-10
rs148819247	G	A	0.12	0.02	3.7908E-10
rs75907163	G	A	0.1	0.01	3.7921E-10
rs149056099	C	T	0.13	0.02	3.7927E-10
rs143861819	G	A	0.13	0.02	3.7937E-10
rs113369587	C	T	0.13	0.02	3.8012E-10
rs147793717	A	G	0.12	0.02	3.8178E-10
rs73692869	T	C	0.14	0.02	3.818E-10
rs116766439	G	C	0.19	0.03	3.8197E-10
rs186873521	T	A	0.12	0.02	3.825E-10
rs117164323	A	G	0.07	0.01	3.8267E-10
rs191371901	G	C	0.04	0.0068175	3.8271E-10
rs534588949	A	T	0.06	0.01	3.8299E-10
rs138737513	C	G	0.14	0.02	3.8324E-10
rs185103163	G	T	0.17	0.02	3.839E-10
rs6943265	G	A	0.06	0.01	3.8392E-10
rs114403285	C	T	0.11	0.01	3.8395E-10
rs150856095	C	T	0.13	0.02	3.8446E-10
rs79782990	T	G	0.07	0.01	3.8448E-10
rs74477704	T	C	0.15	0.02	3.8467E-10
rs138889663	G	A	0.12	0.02	3.8512E-10
rs139775292	A	G	0.07	0.01	3.8529E-10
rs75944383	C	T	0.12	0.01	3.8529E-10
rs144508142	T	A	0.12	0.01	3.8529E-10
rs560662676	T	C	0.12	0.02	3.8552E-10
rs75745433	C	T	0.1	0.01	3.8556E-10
rs149705160	C	T	0.15	0.02	3.8569E-10
rs534643976	T	C	0.14	0.02	3.8589E-10
rs571857856	A	G	0.03	0.0060268	3.8596E-10
rs139963205	C	T	0.14	0.02	3.862E-10
rs190497920	T	C	0.04	0.0066542	3.8637E-10
rs550668728	T	C	0.12	0.02	3.8698E-10
rs76336855	T	C	0.04	0.0069792	3.8701E-10
rs529347289	G	A	0.12	0.02	3.8706E-10
rs149671262	A	G	0.13	0.02	3.8773E-10
rs542363307	T	C	0.04	0.0073409	3.8805E-10
rs145883058	T	G	0.12	0.01	3.8814E-10
rs113823811	C	T	0.16	0.02	3.8843E-10
rs73519588	A	C	0.12	0.02	3.887E-10
rs116153967	T	C	0.12	0.02	3.8878E-10
rs76898617	G	A	0.12	0.02	3.8881E-10
rs10158837	G	T	0.06	0.01	3.8944E-10
rs190894669	A	G	0.17	0.02	3.8944E-10
rs73492058	A	G	0.12	0.02	3.8949E-10
rs141921091	A	G	0.06	0.0097036	3.8992E-10
rs114272403	C	T	0.12	0.02	3.8998E-10
rs186753954	C	T	0.12	0.02	3.9016E-10
rs143780288	G	A	0.14	0.02	3.9072E-10

rs77301576	A	G	0.03	0.0053642	3.9079E-10
rs115944989	G	A	0.04	0.0077699	3.9108E-10
rs73679262	C	G	0.12	0.02	3.9123E-10
rs555874583	G	T	0.17	0.02	3.9159E-10
rs73679263	A	G	0.12	0.02	3.922E-10
rs112975624	A	T	0.03	0.0053376	3.9302E-10
rs78413822	A	G	0.13	0.02	3.9303E-10
rs145967102	A	G	0.07	0.01	3.9333E-10
rs145386531	A	T	0.12	0.02	3.9376E-10
rs141863296	C	T	0.12	0.02	3.9423E-10
rs144299815	G	A	0.13	0.02	3.9492E-10
rs114825953	A	G	0.07	0.01	3.9528E-10
rs113065898	A	C	0.02	0.0045361	3.9557E-10
rs151104057	A	T	0.05	0.0091986	3.957E-10
rs144971866	C	T	0.12	0.02	3.9589E-10
rs187477124	T	C	0.27	0.04	3.9597E-10
rs114914540	A	C	0.13	0.02	3.9599E-10
rs186923697	G	A	0.07	0.01	3.9649E-10
rs370866889	A	G	0.04	0.0072467	3.9655E-10
rs113220690	A	G	0.12	0.02	3.969E-10
rs73492057	G	A	0.12	0.02	3.9722E-10
rs61360024	A	G	0.13	0.02	3.9789E-10
rs116832132	A	G	0.15	0.02	3.9849E-10
rs192598750	G	C	0.12	0.02	3.9851E-10
rs554284701	T	C	0.12	0.02	3.9851E-10
rs78443625	C	A	0.06	0.01	3.9873E-10
rs148924729	T	C	0.13	0.02	3.9896E-10
rs75998771	G	A	0.12	0.02	3.9902E-10
rs116653362	G	A	0.14	0.02	3.9905E-10
rs117699544	C	A	0.07	0.01	3.9958E-10
rs149366563	T	C	0.07	0.01	3.9989E-10
rs144571451	G	T	0.12	0.02	4.0012E-10
rs78827363	T	A	0.06	0.01	4.0012E-10
rs79997609	C	T	0.12	0.02	4.0042E-10
rs567393765	T	C	0.12	0.02	4.0053E-10
rs112117533	G	A	0.12	0.02	4.0066E-10
rs192784534	T	G	0.05	0.008384	4.0073E-10
rs73857223	G	C	0.12	0.02	4.0125E-10
rs75806007	T	C	0.15	0.02	4.0136E-10
rs77822310	T	C	0.13	0.02	4.0161E-10
rs143253399	T	C	0.1	0.01	4.017E-10
rs11986291	T	C	0.04	0.0070106	4.017E-10
rs56186014	G	A	0.08	0.01	4.0181E-10
rs534235938	A	T	0.12	0.02	4.0186E-10
rs114937903	C	G	0.14	0.02	4.021E-10
rs114229566	C	T	0.12	0.02	4.0236E-10
rs11963865	A	G	0.12	0.02	4.0248E-10
rs77119668	G	T	0.13	0.02	4.0252E-10
rs371301462	A	G	0.04	0.0072848	4.0288E-10
rs779477567	T	C	0.04	0.00735	4.0293E-10
rs57381321	A	G	0.06	0.01	4.0309E-10
rs112488023	G	A	0.12	0.02	4.0314E-10
rs369663368	A	G	0.04	0.0072508	4.0324E-10
rs148816324	C	A	0.13	0.02	4.0349E-10
rs149993959	C	A	0.04	0.0070519	4.0361E-10
rs115618428	G	C	0.14	0.02	4.0378E-10
rs140617832	A	G	0.11	0.01	4.0392E-10
rs186293499	A	G	0.11	0.01	4.0395E-10
rs17163937	A	G	0.06	0.01	4.0429E-10
rs112346082	C	T	0.02	0.0045343	4.0486E-10
rs115990841	C	T	0.06	0.01	4.0502E-10

1:234217860_C_G	G	C	0.04	0.0068234	4.0541E-10
rs567923438	C	T	0.19	0.03	4.0583E-10
rs149498304	G	A	0.12	0.02	4.0589E-10
rs567234744	G	C	0.12	0.02	4.0601E-10
rs146249490	A	G	0.06	0.01	4.0606E-10
rs73536841	A	G	0.16	0.02	4.0695E-10
rs528190273	T	C	0.12	0.02	4.07E-10
rs113189194	C	T	0.14	0.02	4.0714E-10
rs73633232	C	T	0.26	0.04	4.0729E-10
rs115315101	T	C	0.09	0.01	4.0732E-10
rs116468030	G	T	0.13	0.02	4.0738E-10
rs76182042	A	T	0.13	0.02	4.0748E-10
rs561101139	A	G	0.1	0.01	4.076E-10
rs143463657	A	G	0.13	0.02	4.0804E-10
rs115068166	A	G	0.12	0.02	4.0823E-10
rs376850141	C	A	0.15	0.02	4.0874E-10
rs112520363	G	A	0.12	0.02	4.0874E-10
rs193162682	A	G	0.13	0.02	4.0902E-10
rs149847558	C	T	0.07	0.01	4.0905E-10
rs185301119	C	A	0.13	0.02	4.0957E-10
rs138646848	A	T	1.54	0.24	4.0975E-10
rs182026177	T	C	0.05	0.0080765	4.0999E-10
rs142671260	T	C	0.12	0.02	4.1016E-10
rs550525228	A	G	0.19	0.03	4.1021E-10
rs75983421	T	C	0.12	0.02	4.103E-10
rs569421729	G	A	0.04	0.0074247	4.1035E-10
rs115911081	A	G	0.12	0.02	4.1036E-10
rs7785166	G	A	0.12	0.01	4.1045E-10
rs145591170	T	C	0.12	0.02	4.1059E-10
rs144492427	T	C	0.07	0.01	4.1073E-10
rs113281419	A	C	0.12	0.02	4.1084E-10
rs115723750	C	T	0.13	0.02	4.1131E-10
rs191353331	C	A	0.05	0.0095156	4.1164E-10
rs143742473	T	C	0.12	0.02	4.1186E-10
rs548708539	G	A	0.13	0.02	4.1224E-10
rs114380196	A	C	0.04	0.0069925	4.1225E-10
rs563148273	C	T	0.73	0.11	4.1225E-10
rs150523867	T	A	0.07	0.01	4.1247E-10
rs13403062	T	C	0.13	0.02	4.1261E-10
rs9886895	T	C	0.12	0.02	4.1263E-10
rs78065989	C	A	0.18	0.02	4.1324E-10
rs75928089	T	C	0.03	0.005463	4.1358E-10
rs75040572	T	G	0.12	0.02	4.1426E-10
rs111371150	T	C	0.12	0.02	4.1459E-10
rs60795863	C	A	0.13	0.02	4.1496E-10
rs142109637	G	A	0.22	0.03	4.1497E-10
rs139712178	A	C	0.06	0.01	4.1531E-10
rs60771408	A	G	0.31	0.05	4.1534E-10
rs114858978	G	C	0.12	0.02	4.1538E-10
rs551702141	T	C	0.12	0.02	4.1661E-10
rs141310662	T	C	1.26	0.2	4.1664E-10
rs183962294	A	G	0.04	0.0067193	4.168E-10
rs114497807	A	C	0.12	0.02	4.1715E-10
rs541154370	G	A	0.07	0.01	4.1766E-10
rs189447626	G	A	0.12	0.02	4.179E-10
rs73647409	T	C	0.12	0.02	4.182E-10
rs186032134	A	C	0.43	0.06	4.1835E-10
rs115734483	C	T	0.16	0.02	4.1879E-10
rs144792822	G	A	0.12	0.02	4.1881E-10
rs192371920	C	A	0.04	0.0078626	4.1881E-10
rs139933763	A	G	0.12	0.02	4.1891E-10

rs28367927	C	T	0.12	0.02	4.1894E-10
rs141932289	C	A	0.07	0.01	4.1915E-10
rs145383829	A	G	0.07	0.01	4.1946E-10
rs78833068	A	G	0.06	0.01	4.1959E-10
rs79125420	G	T	0.04	0.0068649	4.1966E-10
rs573669926	A	T	0.14	0.02	4.1984E-10
rs560442315	G	A	0.12	0.02	4.2007E-10
rs190204473	A	C	0.2	0.03	4.2024E-10
rs577492211	A	G	0.16	0.02	4.2073E-10
rs141725860	G	C	0.12	0.02	4.2093E-10
rs185457058	G	C	0.12	0.02	4.2122E-10
rs183499727	G	C	0.13	0.02	4.2131E-10
rs117512251	T	C	0.13	0.02	4.2131E-10
rs145426387	G	A	0.13	0.02	4.2131E-10
rs550503162	A	T	0.24	0.03	4.2161E-10
rs79279378	T	C	0.09	0.01	4.2174E-10
2:48328570_C_A	A	C	0.04	0.0066451	4.2218E-10
rs73680150	G	A	0.13	0.02	4.2232E-10
rs72942953	G	A	0.06	0.01	4.2233E-10
rs9858518	G	A	0.06	0.01	4.224E-10
rs77670404	A	G	0.04	0.0071451	4.2248E-10
rs61753431	A	G	0.14	0.02	4.2294E-10
rs114340654	A	G	0.14	0.02	4.2296E-10
1:173530768_T_C	C	T	0.11	0.01	4.2357E-10
rs180808919	A	T	0.14	0.02	4.2393E-10
rs73994795	T	C	0.15	0.02	4.2432E-10
rs78140565	T	G	0.12	0.02	4.2456E-10
rs181412029	T	C	0.23	0.03	4.2461E-10
rs577659732	C	G	0.06	0.01	4.2467E-10
rs574952061	A	G	0.04	0.0080058	4.2485E-10
rs575495241	C	G	0.04	0.0080058	4.2485E-10
rs77559203	C	T	0.12	0.01	4.249E-10
rs3218897	A	G	0.13	0.02	4.2502E-10
rs571106308	T	A	0.15	0.02	4.2506E-10
rs143715874	G	A	0.07	0.01	4.2514E-10
rs148512847	T	C	0.12	0.02	4.2526E-10
rs76136446	A	G	0.09	0.01	4.2532E-10
rs115643942	C	T	0.18	0.02	4.2556E-10
rs113499096	A	G	0.12	0.01	4.2575E-10
rs548814133	T	C	0.06	0.01	4.2577E-10
rs140930774	A	G	0.47	0.07	4.2604E-10
rs202030950	A	G	0.13	0.02	4.2618E-10
rs114607852	T	A	0.12	0.02	4.2623E-10
rs142287332	A	T	0.06	0.01	4.2638E-10
rs181305719	T	G	0.12	0.01	4.264E-10
rs116699386	C	G	0.13	0.02	4.2641E-10
rs115865976	G	T	0.12	0.01	4.2645E-10
rs141905779	C	A	0.32	0.05	4.2664E-10
rs138407510	A	T	0.12	0.02	4.2665E-10
rs146844515	T	C	0.12	0.02	4.2668E-10
rs59615563	T	G	0.12	0.02	4.2677E-10
rs144775706	C	T	0.07	0.01	4.2695E-10
rs184027288	C	T	0.13	0.02	4.2769E-10
rs377433336	G	A	0.04	0.0072517	4.2782E-10
rs145351562	A	G	0.12	0.02	4.2867E-10
rs145161021	T	C	0.12	0.02	4.2877E-10
rs114367826	G	A	0.06	0.01	4.2903E-10
rs188105046	A	C	0.12	0.02	4.2913E-10
rs188255899	G	A	0.12	0.02	4.2919E-10
rs114694772	G	A	0.12	0.02	4.2925E-10
rs555250727	G	C	0.12	0.01	4.299E-10

rs141351042	T	C	0.12	0.02	4.3036E-10
rs533881888	C	T	0.22	0.03	4.3062E-10
rs116025291	A	G	0.12	0.02	4.3088E-10
rs113839864	A	C	0.21	0.03	4.3196E-10
rs74943725	A	G	0.18	0.02	4.3223E-10
rs780893408	A	G	0.03	0.0057814	4.325E-10
rs553362998	C	T	0.25	0.04	4.3262E-10
6:131334065_C_T	T	C	0.05	0.0082675	4.3268E-10
rs116038704	A	C	0.12	0.02	4.3284E-10
rs148820214	A	G	0.12	0.01	4.3319E-10
rs141176303	G	A	0.12	0.02	4.3401E-10
rs114877734	T	A	0.12	0.02	4.3425E-10
rs181616217	G	A	0.12	0.02	4.3448E-10
rs72995308	A	T	0.12	0.02	4.3449E-10
rs78871893	T	C	0.12	0.02	4.3526E-10
rs75428420	C	T	0.12	0.02	4.3538E-10
rs75706574	T	C	0.09	0.01	4.3539E-10
rs145563730	C	A	0.12	0.02	4.3543E-10
rs140991437	A	C	0.12	0.02	4.355E-10
rs184106156	T	C	0.03	0.0055508	4.3583E-10
rs74409357	G	A	0.36	0.05	4.3616E-10
rs150693331	T	C	0.12	0.02	4.3625E-10
rs144534200	G	T	0.05	0.0084979	4.3649E-10
rs541105031	T	C	0.1	0.01	4.3709E-10
rs78792837	T	C	0.06	0.01	4.3767E-10
rs76748830	C	T	0.06	0.01	4.3781E-10
rs192577727	C	G	0.15	0.02	4.3797E-10
rs115995629	G	A	0.14	0.02	4.3852E-10
rs142086147	T	G	0.12	0.02	4.3872E-10
rs182246601	T	A	0.12	0.02	4.3874E-10
rs181457684	T	C	0.1	0.01	4.3881E-10
rs138868643	T	C	0.1	0.01	4.3905E-10
rs184971849	A	T	0.1	0.01	4.3905E-10
rs115839607	T	C	0.06	0.01	4.3908E-10
rs181866382	G	A	0.12	0.02	4.3915E-10
rs141606252	G	T	0.13	0.02	4.3924E-10
rs181532436	A	C	0.12	0.02	4.395E-10
rs78147192	A	G	0.07	0.01	4.3958E-10
rs59622137	A	G	0.11	0.01	4.3997E-10
rs77172852	G	T	0.1	0.01	4.405E-10
rs563408412	G	A	0.21	0.03	4.4052E-10
rs550636533	T	C	0.04	0.0077706	4.4065E-10
rs182850872	A	G	0.12	0.02	4.4071E-10
rs148728124	T	C	0.06	0.01	4.4117E-10
8:58428364_T_C	C	T	0.06	0.01	4.4123E-10
rs529442731	A	G	0.03	0.0059471	4.4124E-10
rs563615157	T	G	0.04	0.0073766	4.4128E-10
rs139264322	T	C	0.15	0.02	4.4208E-10
rs114737115	C	T	0.12	0.02	4.4208E-10
rs140834192	T	A	0.15	0.02	4.4218E-10
rs151249470	C	T	0.12	0.02	4.4251E-10
rs140971719	C	T	0.06	0.01	4.427E-10
rs139525340	T	C	0.12	0.01	4.4329E-10
rs143308746	C	T	0.12	0.02	4.4343E-10
rs182186358	T	C	0.14	0.02	4.4383E-10
rs150631446	G	A	0.12	0.02	4.4442E-10
rs554257777	T	C	0.12	0.02	4.4443E-10
rs182224371	A	C	0.14	0.02	4.446E-10
rs139853248	A	G	0.18	0.02	4.4478E-10
rs144297548	G	C	0.14	0.02	4.4548E-10
rs114253607	G	T	0.13	0.02	4.4575E-10

rs114525062	C	T	0.14	0.02	4.4583E-10
rs148331640	A	G	0.13	0.02	4.4594E-10
rs117436444	G	A	0.07	0.01	4.4597E-10
rs143061152	A	G	0.05	0.0095509	4.4606E-10
rs148201182	A	G	0.12	0.02	4.4616E-10
rs574581660	T	C	0.14	0.02	4.4633E-10
rs189996940	C	T	0.12	0.02	4.4693E-10
rs150351309	A	G	0.13	0.02	4.475E-10
7:93559297_G_C	C	G	0.04	0.0070252	4.4767E-10
rs145317924	T	C	0.12	0.01	4.483E-10
rs549461742	A	G	0.14	0.02	4.4832E-10
rs138363261	C	G	0.1	0.01	4.4851E-10
rs114145880	C	T	0.13	0.02	4.4862E-10
rs375307391	A	G	0.12	0.02	4.4893E-10
rs138959330	G	A	0.12	0.01	4.4895E-10
rs114117981	C	G	0.12	0.02	4.4919E-10
rs146872346	T	C	0.12	0.02	4.4952E-10
rs554694199	G	C	0.13	0.02	4.4971E-10
rs114718297	T	C	0.18	0.03	4.5021E-10
rs181440283	C	T	0.12	0.02	4.503E-10
rs568920783	T	A	0.12	0.02	4.5034E-10
rs72993701	T	C	0.12	0.02	4.5035E-10
rs143998198	A	T	0.2	0.03	4.5088E-10
rs116772542	C	T	0.12	0.01	4.5136E-10
rs539664395	C	T	0.06	0.01	4.517E-10
rs145669996	C	T	0.12	0.02	4.5175E-10
rs115476759	G	A	0.12	0.01	4.5182E-10
rs6698603	A	G	0.07	0.01	4.5196E-10
rs141090751	G	T	0.12	0.02	4.521E-10
rs187221052	G	T	0.12	0.02	4.521E-10
rs150752338	T	A	0.12	0.02	4.5285E-10
rs762131964	C	A	0.03	0.0050839	4.529E-10
rs183368583	A	G	0.12	0.02	4.5351E-10
rs117604675	A	G	0.12	0.02	4.5371E-10
rs187714774	A	G	0.12	0.02	4.5384E-10
rs573279915	C	T	0.26	0.04	4.5385E-10
rs140943295	A	G	0.12	0.02	4.5392E-10
rs373439751	G	C	0.15	0.02	4.5419E-10
rs535073709	T	C	0.12	0.02	4.543E-10
rs140020639	G	A	0.13	0.02	4.5432E-10
rs10082252	C	T	0.04	0.0070593	4.5437E-10
rs116209491	A	G	0.06	0.01	4.5442E-10
rs533547131	C	A	0.12	0.02	4.5457E-10
rs12065347	T	C	0.07	0.01	4.5478E-10
rs190379604	T	C	0.12	0.01	4.5485E-10
rs116020293	G	A	0.12	0.02	4.551E-10
rs146937781	C	G	0.14	0.02	4.5544E-10
rs745341167	C	G	0.04	0.007101	4.5547E-10
rs147887949	T	C	0.12	0.02	4.5561E-10
rs116107261	T	G	0.06	0.01	4.5581E-10
rs184162932	A	G	0.16	0.02	4.5677E-10
rs558620713	G	C	0.04	0.0067768	4.5685E-10
rs115932376	G	T	0.17	0.02	4.5782E-10
rs144869318	G	T	0.12	0.01	4.5794E-10
rs138318452	A	G	0.06	0.01	4.5797E-10
rs191122220	A	C	0.12	0.02	4.5826E-10
rs375657889	A	G	0.15	0.02	4.5848E-10
rs148605885	A	G	0.13	0.02	4.5851E-10
rs147262537	C	A	0.06	0.0096694	4.5855E-10
rs112877022	T	A	0.2	0.03	4.5903E-10
rs148747053	G	A	0.13	0.02	4.5928E-10

rs114817674	A	G	0.12	0.01	4.5931E-10
rs557279616	C	A	0.12	0.01	4.5942E-10
rs142733025	A	G	0.12	0.01	4.5945E-10
rs17150454	A	C	0.06	0.01	4.5945E-10
rs539128853	T	C	0.26	0.04	4.5964E-10
rs79241239	A	G	0.18	0.03	4.5972E-10
rs9311937	A	G	0.1	0.01	4.5976E-10
rs60173743	A	T	0.12	0.01	4.599E-10
rs78888068	C	G	0.08	0.01	4.6063E-10
rs192339341	C	T	0.15	0.02	4.6115E-10
rs184409811	T	C	0.12	0.01	4.6127E-10
rs139104671	G	A	0.12	0.02	4.6164E-10
rs79651231	A	G	0.13	0.02	4.6174E-10
rs116224840	T	C	0.06	0.01	4.6177E-10
rs74381364	A	C	0.12	0.02	4.6193E-10
rs190975493	T	G	0.06	0.0096744	4.622E-10
rs113307421	G	C	0.13	0.02	4.6274E-10
rs141666379	C	T	0.13	0.02	4.6335E-10
rs111997505	T	C	0.04	0.0072484	4.6366E-10
rs147519135	T	C	0.37	0.06	4.6398E-10
rs144446491	A	G	0.12	0.02	4.6408E-10
rs74739429	G	A	0.04	0.0070563	4.642E-10
rs116622611	G	A	0.12	0.02	4.6492E-10
rs146583761	T	C	0.13	0.02	4.6502E-10
rs535556981	G	C	0.07	0.01	4.6507E-10
rs1017347	G	C	0.06	0.01	4.6508E-10
rs115019032	T	C	0.04	0.0070556	4.653E-10
rs558670387	T	C	0.12	0.02	4.6537E-10
rs187153070	A	G	0.13	0.02	4.6563E-10
rs28582618	C	T	0.04	0.0070553	4.6566E-10
rs111909259	G	A	0.04	0.0070554	4.6649E-10
rs6656944	T	C	0.04	0.0070554	4.6679E-10
rs77021653	T	C	0.04	0.0072461	4.6726E-10
rs472689	A	G	0.05	0.0094814	4.6818E-10
rs140990120	T	C	0.06	0.01	4.6833E-10
rs143529817	C	T	0.06	0.0096698	4.6869E-10
rs141720855	C	T	0.2	0.03	4.6924E-10
rs200681306	A	G	0.06	0.01	4.6998E-10
rs77118601	G	A	0.13	0.02	4.7059E-10
rs115436807	A	T	0.12	0.02	4.7089E-10
rs116196970	T	C	0.08	0.01	4.7096E-10
rs185016443	C	G	0.12	0.02	4.711E-10
rs76540486	T	C	0.12	0.02	4.7175E-10
rs112302689	A	C	0.13	0.02	4.7262E-10
rs144769654	C	T	0.06	0.0099008	4.7272E-10
rs79846430	C	T	0.12	0.02	4.7296E-10
rs59733250	G	A	0.14	0.02	4.7348E-10
rs144972892	C	A	0.11	0.01	4.7409E-10
rs114214426	T	C	0.07	0.01	4.7416E-10
rs114098118	C	G	0.12	0.02	4.7419E-10
rs373042126	C	G	0.04	0.0070604	4.7458E-10
rs114046421	G	A	0.07	0.01	4.7466E-10
rs548159292	T	C	0.12	0.02	4.7492E-10
rs182739057	C	T	0.22	0.03	4.7518E-10
rs114389692	A	G	0.12	0.02	4.7547E-10
rs150140279	T	C	0.11	0.01	4.7595E-10
rs151334997	G	C	0.12	0.02	4.77E-10
rs149887637	G	A	0.12	0.02	4.7715E-10
rs74454065	T	C	0.12	0.02	4.7745E-10
rs80256848	T	C	0.14	0.02	4.7782E-10
rs544076008	G	T	0.18	0.03	4.7823E-10

rs116646474	A	T	0.06	0.01	4.7926E-10
rs78918023	G	T	0.06	0.01	4.794E-10
rs78694447	T	C	0.12	0.02	4.7956E-10
rs575291192	A	C	1.46	0.23	4.8005E-10
rs72726149	A	T	0.06	0.01	4.8009E-10
rs571737290	C	G	0.06	0.01	4.8038E-10
rs143899523	C	T	0.22	0.03	4.8071E-10
rs138496372	A	G	0.12	0.02	4.8124E-10
rs191208839	C	T	0.19	0.03	4.8171E-10
rs115319092	A	G	0.16	0.02	4.8196E-10
rs150892483	G	A	0.12	0.01	4.8242E-10
rs114545581	T	C	0.08	0.01	4.8302E-10
rs580325	C	A	0.13	0.02	4.8365E-10
rs59876556	C	A	0.12	0.02	4.837E-10
rs369258553	T	A	0.13	0.02	4.8371E-10
rs189613485	T	C	0.17	0.02	4.8382E-10
rs536763745	C	T	0.12	0.02	4.8438E-10
rs187008892	C	G	0.08	0.01	4.8451E-10
rs141456026	T	A	0.12	0.02	4.8542E-10
rs192349850	T	C	0.12	0.02	4.8623E-10
rs564448318	G	T	0.12	0.02	4.8643E-10
rs574727903	T	C	0.05	0.0087082	4.8658E-10
rs114039660	C	T	0.17	0.02	4.8689E-10
rs200083087	G	A	0.18	0.02	4.8691E-10
rs112694003	G	A	0.12	0.02	4.8736E-10
rs551136989	G	A	0.17	0.02	4.8775E-10
rs73483356	G	A	0.1	0.01	4.8776E-10
rs188864924	A	G	0.24	0.03	4.878E-10
rs139327965	C	T	0.12	0.02	4.8804E-10
rs142651926	C	A	0.12	0.02	4.8807E-10
rs141963654	G	A	0.11	0.01	4.8812E-10
rs7019734	C	T	0.07	0.01	4.8826E-10
rs73387910	C	T	0.12	0.02	4.8831E-10
rs150749629	A	G	0.12	0.01	4.8834E-10
rs182291321	C	T	0.14	0.02	4.893E-10
rs146115063	T	C	0.06	0.01	4.8995E-10
rs114841134	G	A	0.12	0.02	4.9148E-10
rs74483209	A	G	0.12	0.02	4.9202E-10
rs765217074	G	T	0.04	0.0069469	4.9217E-10
rs145697425	C	A	0.12	0.02	4.9279E-10
rs115811323	A	C	0.12	0.02	4.9293E-10
rs147828972	A	G	0.12	0.02	4.9299E-10
rs147293619	T	C	0.13	0.02	4.9301E-10
rs139896442	T	G	0.12	0.02	4.9322E-10
rs112082183	G	A	0.04	0.0076868	4.9369E-10
rs149262689	T	C	0.12	0.02	4.9373E-10
rs144425851	T	C	0.11	0.01	4.9388E-10
rs537577137	C	T	0.12	0.02	4.9423E-10
rs149022693	C	T	0.12	0.02	4.9444E-10
rs145784561	T	A	0.13	0.02	4.9496E-10
rs78744655	T	C	0.12	0.01	4.9532E-10
rs75541996	G	A	0.12	0.02	4.9555E-10
rs138912557	T	C	0.06	0.01	4.9574E-10
rs556551306	T	C	0.08	0.01	4.9583E-10
rs142928710	A	G	0.12	0.02	4.9597E-10
rs114451413	T	C	0.2	0.03	4.9607E-10
rs72966185	G	A	0.12	0.01	4.9661E-10
rs114617064	A	T	0.13	0.02	4.968E-10
rs190057911	T	C	0.13	0.02	4.9681E-10
rs75194134	A	G	0.12	0.01	4.9961E-10
rs561189219	T	C	0.13	0.02	5.0004E-10



rs141593960	C	T	0.18	0.02	5.0012E-10
rs139063455	T	C	0.12	0.02	5.0022E-10
rs60938624	G	C	0.05	0.0087396	5.0085E-10
rs188691901	T	A	0.14	0.02	5.0148E-10
rs112551678	G	T	0.06	0.01	5.0152E-10
rs76914410	T	C	0.12	0.02	5.0179E-10
rs17866084	T	C	0.12	0.02	5.0269E-10
rs75752062	T	C	0.6	0.09	5.0307E-10
rs111357144	C	T	0.06	0.01	5.032E-10
rs113195919	T	C	0.06	0.01	5.0346E-10
rs149789156	T	A	0.12	0.02	5.0364E-10
rs190062787	A	G	0.13	0.02	5.0401E-10
rs147015688	A	G	0.2	0.03	5.0442E-10
rs187808561	C	T	0.12	0.02	5.0549E-10
rs115827154	A	G	0.12	0.02	5.056E-10
rs78310122	G	A	0.13	0.02	5.0576E-10
rs189246607	A	C	0.16	0.02	5.0603E-10
rs377691672	C	T	0.04	0.007547	5.063E-10
rs9886667	G	A	0.12	0.02	5.0631E-10
rs761211477	T	G	0.04	0.00695	5.0634E-10
rs150376291	C	T	0.12	0.02	5.0664E-10
rs7515594	T	G	0.1	0.01	5.0696E-10
rs116095024	T	C	0.08	0.01	5.0702E-10
rs192904571	T	C	0.25	0.04	5.074E-10
rs367815970	T	C	0.12	0.02	5.074E-10
rs116423503	G	A	0.14	0.02	5.0754E-10
rs191271240	T	C	0.12	0.02	5.0787E-10
rs116354914	T	C	0.1	0.01	5.0798E-10
rs188667516	T	A	0.1	0.01	5.0825E-10
rs139302002	A	G	0.12	0.01	5.0882E-10
rs146000956	A	C	0.12	0.02	5.0914E-10
rs59882714	G	A	0.18	0.03	5.0918E-10
rs12524001	T	C	0.06	0.01	5.099E-10
rs73864224	G	A	0.12	0.02	5.0996E-10
rs148655188	G	A	0.12	0.02	5.1025E-10
rs144703107	T	C	0.07	0.01	5.1058E-10
rs147309951	C	T	0.13	0.02	5.1144E-10
rs187688539	T	C	0.29	0.04	5.1145E-10
rs189817903	T	C	0.01	0.0017349	5.118E-10
rs73864226	G	T	0.12	0.02	5.1193E-10
rs74993426	A	G	0.14	0.02	5.1223E-10
rs199836689	A	G	0.02	0.0042693	5.1293E-10
rs754819735	T	G	0.02	0.0044467	5.1294E-10
rs577013094	A	C	0.05	0.0085456	5.1307E-10
rs144997637	A	T	0.12	0.02	5.1364E-10
rs141612075	T	C	0.14	0.02	5.1368E-10
rs141339443	C	T	0.08	0.01	5.1369E-10
rs151161227	T	C	0.12	0.02	5.1379E-10
rs116432912	C	A	0.06	0.01	5.1502E-10
rs114168526	T	A	0.06	0.01	5.1502E-10
rs576761272	C	T	0.08	0.01	5.1505E-10
rs11122308	A	G	0.12	0.02	5.1509E-10
rs10021372	A	T	0.12	0.02	5.1613E-10
rs574289100	A	T	0.06	0.01	5.1632E-10
rs537754551	C	T	0.12	0.02	5.1653E-10
rs115421466	C	G	0.12	0.02	5.1654E-10
rs150862763	T	C	0.13	0.02	5.1689E-10
rs76992081	G	A	0.12	0.02	5.1698E-10
rs149085239	C	G	0.13	0.02	5.175E-10
rs113955911	T	C	0.12	0.02	5.1764E-10
rs192396648	G	C	0.03	0.0054039	5.1799E-10

rs150835324	T	C	0.06	0.01	5.1841E-10
rs527904001	G	A	0.12	0.02	5.1848E-10
rs113167833	A	G	0.12	0.01	5.1849E-10
rs114973531	T	C	0.12	0.02	5.1864E-10
rs77310521	G	T	0.04	0.0069157	5.1878E-10
rs114999820	T	C	0.04	0.0071563	5.188E-10
rs113745450	A	G	0.06	0.01	5.1901E-10
rs548999018	C	T	0.12	0.01	5.1901E-10
rs9886683	C	T	0.12	0.02	5.1912E-10
rs189400855	A	G	0.12	0.02	5.203E-10
rs144924996	G	A	0.12	0.02	5.2072E-10
rs143208514	C	T	0.12	0.01	5.2096E-10
rs79209115	C	A	0.12	0.02	5.2147E-10
rs550393488	C	T	0.12	0.02	5.2216E-10
rs78235874	C	T	0.1	0.01	5.2268E-10
rs542612393	G	A	0.08	0.01	5.2269E-10
rs544533617	A	G	0.12	0.02	5.2326E-10
rs7781731	C	G	0.12	0.02	5.2367E-10
rs115305459	C	T	0.06	0.01	5.2378E-10
rs149310269	C	A	0.12	0.02	5.239E-10
rs148382201	T	A	0.21	0.03	5.2425E-10
rs545079365	T	C	0.12	0.01	5.2518E-10
rs374075041	G	A	0.14	0.02	5.257E-10
rs569141011	A	G	0.12	0.01	5.2613E-10
rs74906538	G	T	0.06	0.01	5.2667E-10
rs111232256	C	G	0.45	0.07	5.2698E-10
rs141247319	G	T	0.12	0.02	5.2699E-10
rs138727946	G	T	0.12	0.02	5.2737E-10
rs75310673	C	T	0.04	0.0073575	5.2751E-10
rs16911770	T	C	0.03	0.0049316	5.2789E-10
rs117923925	A	T	0.14	0.02	5.2879E-10
rs10066550	A	G	0.13	0.02	5.2898E-10
rs78238353	T	C	0.12	0.02	5.2918E-10
rs114186040	C	G	0.08	0.01	5.3073E-10
rs59749584	A	G	0.12	0.02	5.3089E-10
rs145141493	T	C	0.12	0.02	5.3118E-10
rs117989119	A	G	0.3	0.04	5.3194E-10
rs76018841	A	C	0.06	0.01	5.3197E-10
rs563602647	A	G	0.12	0.02	5.3277E-10
rs150059964	C	G	0.06	0.01	5.3279E-10
rs73455816	T	C	0.06	0.01	5.3284E-10
rs147272986	T	C	0.11	0.01	5.3292E-10
rs73864220	A	G	0.12	0.02	5.3299E-10
rs148053486	T	A	0.12	0.02	5.3328E-10
rs577165769	C	T	0.04	0.0072602	5.3361E-10
rs571931160	C	A	0.18	0.02	5.34E-10
rs112877230	T	C	0.19	0.03	5.3475E-10
rs181534980	A	T	0.09	0.01	5.3489E-10
rs577747458	G	A	0.12	0.01	5.3546E-10
rs76608203	G	C	0.12	0.02	5.3592E-10
rs17471786	C	G	0.12	0.02	5.3592E-10
rs565368470	G	A	0.03	0.005491	5.3598E-10
rs77212055	T	A	0.04	0.0070286	5.3615E-10
rs145573063	C	T	0.21	0.03	5.3629E-10
rs116568809	T	C	0.06	0.01	5.3684E-10
rs138596527	G	T	0.1	0.01	5.3758E-10
rs142614453	T	G	0.08	0.01	5.3775E-10
rs565547277	T	C	0.04	0.0072053	5.3813E-10
rs139985137	T	C	0.27	0.04	5.3823E-10
rs528547760	G	A	0.13	0.02	5.3849E-10
rs374220748	T	G	0.09	0.01	5.3859E-10

rs78970864	C	T	0.09	0.01	5.3941E-10
rs149135914	C	T	0.19	0.03	5.3965E-10
rs143931018	C	A	0.13	0.02	5.3988E-10
rs78823240	C	G	0.12	0.02	5.4088E-10
rs565483243	T	C	0.13	0.02	5.4092E-10
rs547966586	T	C	0.12	0.02	5.413E-10
rs149399300	T	C	0.1	0.01	5.4136E-10
rs142514866	C	T	0.12	0.02	5.4156E-10
rs115328452	A	G	0.38	0.06	5.418E-10
rs372323734	G	A	0.17	0.02	5.4212E-10
rs557218831	A	G	0.12	0.02	5.4213E-10
rs113738462	G	T	0.12	0.02	5.4234E-10
rs139184320	T	C	0.12	0.01	5.4263E-10
rs145216108	G	A	0.14	0.02	5.4365E-10
rs151159777	C	T	0.37	0.06	5.444E-10
rs59642418	T	C	0.06	0.01	5.4531E-10
rs116214912	C	T	0.38	0.06	5.4551E-10
rs116753988	T	C	0.2	0.03	5.4614E-10
rs376758081	T	C	0.06	0.01	5.4705E-10
rs566475860	A	G	0.06	0.01	5.4711E-10
rs530388375	A	G	0.12	0.02	5.4715E-10
rs567883029	A	T	0.12	0.02	5.4715E-10
rs17163933	G	A	0.06	0.01	5.4767E-10
rs140698036	G	A	0.12	0.02	5.4773E-10
rs148460738	C	T	0.05	0.0081838	5.4784E-10
rs112990848	A	T	0.09	0.01	5.4812E-10
rs72966176	T	A	0.12	0.01	5.4826E-10
rs561670949	T	C	0.07	0.01	5.4873E-10
rs552699213	G	C	0.12	0.02	5.4964E-10
rs148222079	T	A	0.12	0.02	5.4986E-10
rs139415254	T	A	0.14	0.02	5.5077E-10
rs543612933	T	C	0.12	0.02	5.5094E-10
rs182272784	G	A	0.12	0.02	5.5109E-10
rs150392982	A	T	0.12	0.01	5.516E-10
rs188030638	G	A	0.64	0.1	5.5194E-10
rs138040115	G	A	0.12	0.01	5.5224E-10
rs114301127	G	T	0.12	0.02	5.5228E-10
rs538030270	G	T	0.12	0.02	5.5228E-10
rs150571194	C	A	0.22	0.03	5.523E-10
rs140574363	A	G	0.15	0.02	5.5302E-10
rs561350279	G	C	0.12	0.02	5.5306E-10
rs373581246	C	G	0.13	0.02	5.531E-10
rs560686945	A	G	0.12	0.02	5.5334E-10
rs145407531	G	A	0.12	0.02	5.5341E-10
rs542553260	A	G	0.13	0.02	5.5385E-10
rs116838251	C	T	0.12	0.01	5.5386E-10
rs570422433	G	A	0.14	0.02	5.5394E-10
rs10169122	T	C	0.11	0.01	5.5404E-10
rs114688699	G	A	0.14	0.02	5.5471E-10
rs374304606	C	T	0.09	0.01	5.5526E-10
rs189331176	G	A	0.12	0.02	5.5565E-10
rs533699590	C	G	0.12	0.02	5.5643E-10
rs552141614	T	C	0.12	0.02	5.5643E-10
rs753844939	C	A	0.04	0.006823	5.5648E-10
rs146761551	A	G	0.11	0.01	5.5686E-10
rs79919550	T	G	0.06	0.01	5.5712E-10
rs555551425	G	A	0.15	0.02	5.5729E-10
rs115398714	A	G	0.15	0.02	5.5734E-10
rs532751628	C	T	0.05	0.0083235	5.5751E-10
rs149058420	A	G	0.14	0.02	5.5831E-10
rs138666786	A	G	0.04	0.0079548	5.5834E-10

rs144895079	A	G	0.12	0.02	5.5838E-10
rs182749775	C	G	0.18	0.03	5.5892E-10
rs73669400	C	T	0.12	0.01	5.5892E-10
rs188785326	A	G	0.12	0.02	5.5913E-10
rs192427134	C	T	0.12	0.02	5.6052E-10
rs113228310	G	C	0.12	0.02	5.609E-10
rs192832918	C	T	0.13	0.02	5.6119E-10
rs139065362	T	C	0.12	0.02	5.6205E-10
rs146651318	T	C	0.3	0.04	5.6212E-10
rs76426480	G	C	0.12	0.02	5.622E-10
rs150374090	G	A	0.16	0.02	5.6227E-10
rs375473268	T	C	0.12	0.02	5.6236E-10
rs139495033	C	T	0.12	0.02	5.6239E-10
rs186491036	T	C	0.03	0.0059601	5.6245E-10
rs148710184	C	T	0.12	0.02	5.633E-10
rs149485482	G	A	0.17	0.02	5.6348E-10
rs7012802	C	T	0.06	0.01	5.6364E-10
rs144266646	A	G	0.03	0.0050935	5.6434E-10
rs189168874	G	A	0.06	0.01	5.6465E-10
rs111283794	C	T	0.12	0.02	5.6524E-10
rs114636798	C	T	0.21	0.03	5.6529E-10
rs539393006	C	T	0.15	0.02	5.655E-10
rs781518466	G	A	0.05	0.0088037	5.6576E-10
rs75929961	T	G	0.17	0.02	5.6581E-10
rs28947212	G	A	0.12	0.01	5.6595E-10
rs116229727	T	G	0.08	0.01	5.661E-10
rs182514103	G	C	3.21	0.51	5.6677E-10
rs139264336	A	C	0.09	0.01	5.6678E-10
rs114538164	A	G	0.1	0.01	5.6682E-10
rs188212756	T	C	0.06	0.01	5.6702E-10
rs534187441	A	G	0.22	0.03	5.6713E-10
rs114465561	T	C	0.1	0.01	5.6715E-10
rs543194390	T	A	0.12	0.02	5.6751E-10
rs189997972	C	A	0.12	0.02	5.6769E-10
rs190101811	C	T	1.01	0.16	5.6777E-10
rs79589223	A	G	0.12	0.02	5.6941E-10
rs192837738	G	C	0.12	0.01	5.7E-10
rs113603823	C	T	0.12	0.01	5.7014E-10
rs115639968	T	A	0.06	0.01	5.7025E-10
rs114203101	C	G	0.12	0.02	5.7089E-10
rs139088375	T	C	0.06	0.01	5.7094E-10
rs75430619	G	A	0.21	0.03	5.7128E-10
rs189874383	T	G	0.25	0.04	5.7156E-10
rs144620933	G	A	0.06	0.01	5.7166E-10
rs114620627	C	T	0.13	0.02	5.7192E-10
rs80164836	T	C	0.12	0.01	5.7235E-10
rs746765703	G	A	0.01	0.0030136	5.7243E-10
rs146369251	G	C	0.18	0.03	5.7245E-10
rs184226627	A	G	0.12	0.02	5.7288E-10
rs140569124	T	C	0.12	0.02	5.7295E-10
rs113167368	A	G	0.12	0.02	5.7398E-10
rs114955191	G	C	0.12	0.02	5.7434E-10
rs182626131	A	G	0.07	0.01	5.7438E-10
rs553587241	G	T	0.39	0.06	5.7448E-10
rs146998337	G	A	0.05	0.0096201	5.746E-10
rs191402303	G	C	0.12	0.02	5.7475E-10
rs527555898	A	G	0.15	0.02	5.748E-10
rs78715330	T	A	0.12	0.02	5.749E-10
rs147494659	A	G	0.12	0.02	5.7519E-10
rs150685132	G	C	0.12	0.02	5.7519E-10
rs548902559	T	C	0.3	0.04	5.7553E-10

rs74328737	G	T	0.16	0.02	5.7699E-10
rs576012106	A	C	0.12	0.02	5.7764E-10
rs185425197	T	G	0.01	0.0017458	5.7767E-10
rs545207898	A	G	0.12	0.02	5.7786E-10
rs762775230	T	C	0.02	0.0037907	5.7891E-10
rs78361719	C	T	0.15	0.02	5.7899E-10
rs192793417	A	C	0.12	0.02	5.7951E-10
rs111660070	A	G	0.12	0.02	5.8058E-10
rs184419916	G	C	1.91	0.3	5.8074E-10
rs149995543	G	A	0.13	0.02	5.8075E-10
rs535862664	C	T	0.33	0.05	5.8117E-10
rs78289178	T	A	0.05	0.0085071	5.8138E-10
rs145710491	G	A	0.13	0.02	5.8182E-10
rs566077564	A	T	0.07	0.01	5.8209E-10
rs10019631	A	T	0.12	0.01	5.8226E-10
rs565484022	C	G	0.14	0.02	5.8247E-10
rs757427575	C	T	0.05	0.008848	5.8329E-10
rs113805100	A	G	0.12	0.02	5.8334E-10
rs750114885	G	A	0.03	0.0054579	5.8338E-10
rs566756706	C	G	0.12	0.02	5.8364E-10
rs774750	G	T	0.06	0.01	5.8417E-10
rs192519264	A	G	0.08	0.01	5.8518E-10
rs140394251	G	C	0.15	0.02	5.8587E-10
rs56959945	T	C	0.12	0.02	5.8634E-10
rs139355597	C	T	0.12	0.02	5.8707E-10
rs115778411	G	A	0.09	0.01	5.8783E-10
rs77641590	G	A	0.06	0.01	5.8784E-10
rs180862779	T	C	0.28	0.04	5.8811E-10
rs3218978	G	T	0.12	0.02	5.8876E-10
rs765662619	A	G	0.06	0.01	5.888E-10
rs187338210	G	A	0.13	0.02	5.8894E-10
rs75876574	G	C	0.04	0.0070366	5.8913E-10
rs150477653	A	G	0.12	0.02	5.9042E-10
rs77680404	A	G	0.06	0.0099383	5.906E-10
rs151254542	G	A	0.12	0.01	5.906E-10
rs149921493	A	G	0.12	0.02	5.9085E-10
rs60425430	T	C	0.04	0.0070519	5.9095E-10
rs141566455	T	C	0.12	0.02	5.9126E-10
rs114210846	A	G	0.07	0.01	5.9137E-10
rs180720886	C	G	0.12	0.02	5.9163E-10
rs191391512	C	T	0.12	0.02	5.9228E-10
rs533036538	A	G	0.12	0.02	5.9248E-10
rs530238887	T	C	0.02	0.0037575	5.9277E-10
rs115291241	T	C	0.06	0.01	5.9289E-10
rs182685925	T	A	0.12	0.01	5.9295E-10
rs138519163	T	C	0.1	0.01	5.931E-10
rs78678205	C	T	0.12	0.01	5.9318E-10
rs115154802	C	T	0.12	0.02	5.9322E-10
rs73537038	G	T	0.14	0.02	5.9335E-10
rs147247615	A	C	0.12	0.01	5.9349E-10
rs587721998	A	G	0.08	0.01	5.944E-10
rs116151922	T	C	0.12	0.02	5.9458E-10
rs139526842	T	C	0.12	0.02	5.9465E-10
rs543110612	G	A	0.13	0.02	5.948E-10
rs186186807	C	G	0.06	0.01	5.9489E-10
rs149666239	A	G	0.11	0.01	5.9523E-10
rs116041669	A	G	0.14	0.02	5.9671E-10
rs144648203	G	A	0.05	0.0096165	5.9704E-10
rs115132250	G	C	0.19	0.03	5.9711E-10
rs183270596	T	G	0.12	0.02	5.9721E-10
rs757606011	A	G	0.04	0.0077918	5.9768E-10

rs145888074	A	T	0.12	0.02	5.9772E-10
rs141946631	G	A	0.12	0.02	5.9772E-10
rs528372869	G	A	0.12	0.02	5.9772E-10
rs551032103	T	C	0.12	0.02	5.9799E-10
rs76595123	A	G	0.06	0.01	5.9962E-10
rs149920438	T	C	0.12	0.02	6.0131E-10
rs78148482	G	A	0.12	0.02	6.0143E-10
rs193093832	G	A	0.07	0.01	6.025E-10
rs559732144	A	G	0.05	0.0080964	6.0252E-10
rs113556956	T	C	0.14	0.02	6.0292E-10
rs7709163	A	G	0.2	0.03	6.0309E-10
rs141228811	C	G	0.12	0.02	6.0321E-10
rs573462695	C	T	0.12	0.02	6.0405E-10
rs114142661	G	A	0.12	0.02	6.048E-10
rs78536355	G	C	0.07	0.01	6.0488E-10
rs113344094	A	G	0.04	0.0074927	6.0535E-10
rs548317937	G	A	0.05	0.0089893	6.0582E-10
rs77192908	C	G	0.12	0.02	6.059E-10
rs115564342	A	G	0.15	0.02	6.0644E-10
rs139096170	G	C	0.17	0.02	6.0703E-10
rs74655338	T	C	0.05	0.0083369	6.0782E-10
rs144370696	A	G	0.12	0.02	6.0821E-10
rs146849990	T	C	0.12	0.02	6.0862E-10
rs556169276	G	A	0.04	0.0066996	6.0875E-10
rs116234976	T	C	0.22	0.03	6.091E-10
rs76551980	A	C	0.12	0.02	6.0971E-10
rs28947208	C	T	0.12	0.01	6.0975E-10
rs146474291	C	T	0.13	0.02	6.1023E-10
rs149126054	A	G	0.12	0.02	6.1039E-10
rs558021958	A	C	0.83	0.13	6.1066E-10
rs551849210	G	A	0.12	0.02	6.1098E-10
rs57175297	A	G	0.31	0.05	6.1103E-10
rs117197912	C	A	0.18	0.03	6.1104E-10
rs112656418	T	C	0.14	0.02	6.1154E-10
rs80116102	T	C	0.12	0.02	6.1185E-10
rs370398388	T	A	0.06	0.01	6.1257E-10
rs73377162	G	A	0.08	0.01	6.1297E-10
rs575964377	G	A	0.39	0.06	6.1361E-10
6:7890668_T_G	G	T	0.15	0.02	6.1369E-10
rs7806767	G	A	0.12	0.02	6.1404E-10
rs556396726	A	G	0.06	0.01	6.1514E-10
rs75103936	A	G	0.12	0.02	6.1576E-10
rs116578443	A	G	0.11	0.01	6.1601E-10
rs150259805	G	A	0.23	0.03	6.1616E-10
rs116767433	G	T	0.12	0.02	6.1625E-10
rs150306128	A	G	0.13	0.02	6.1691E-10
rs114668301	A	C	0.06	0.01	6.1727E-10
rs185174683	C	T	0.12	0.02	6.183E-10
rs147318459	C	T	0.12	0.02	6.1863E-10
rs568670539	C	T	0.12	0.02	6.1906E-10
rs182809658	T	C	0.73	0.11	6.1932E-10
rs372991767	T	C	0.56	0.09	6.1951E-10
rs144223438	A	G	0.06	0.01	6.1957E-10
rs114339903	G	A	0.17	0.02	6.1965E-10
rs111640172	A	C	0.12	0.02	6.1969E-10
rs149431514	T	C	0.12	0.02	6.1982E-10
rs559719618	G	A	0.26	0.04	6.2038E-10
rs147033228	T	C	0.17	0.02	6.2276E-10
rs112553204	G	A	0.14	0.02	6.2293E-10
rs115727923	A	G	0.13	0.02	6.2312E-10
rs115320149	C	A	0.12	0.02	6.2322E-10

rs184168902	C	T	0.06	0.01	6.2326E-10
rs577624077	G	A	0.14	0.02	6.2337E-10
rs115273380	T	C	0.04	0.0068907	6.2342E-10
rs114352565	A	G	0.12	0.01	6.2389E-10
rs28408230	T	C	0.14	0.02	6.2398E-10
rs191612902	A	G	0.06	0.01	6.2403E-10
rs145684944	C	T	0.14	0.02	6.242E-10
rs114386437	C	T	0.12	0.02	6.2445E-10
rs555362214	G	C	0.12	0.01	6.2468E-10
rs113703573	A	T	0.12	0.02	6.247E-10
rs576033863	G	C	0.12	0.02	6.2473E-10
rs116119738	G	A	0.35	0.05	6.249E-10
rs112784151	G	A	0.14	0.02	6.2519E-10
rs146067143	C	T	0.12	0.02	6.2547E-10
rs79058596	T	C	0.12	0.02	6.2551E-10
rs529378692	T	C	0.11	0.01	6.2557E-10
rs140137892	G	A	0.1	0.01	6.2619E-10
rs146970460	T	C	0.12	0.02	6.2656E-10
rs113614349	C	T	0.12	0.02	6.2725E-10
rs116028373	G	A	0.12	0.02	6.2733E-10
rs78458429	G	A	0.12	0.02	6.2738E-10
rs549843077	C	A	0.01	0.0025136	6.2794E-10
rs553390346	T	A	0.25	0.04	6.2803E-10
rs191086207	C	T	0.12	0.02	6.2845E-10
rs145488741	T	C	0.05	0.0083885	6.2848E-10
rs137993075	C	T	0.12	0.02	6.2911E-10
rs191546751	G	T	0.07	0.01	6.294E-10
rs78320768	G	C	0.12	0.02	6.3009E-10
rs150900577	G	C	0.12	0.02	6.31E-10
rs12545888	C	T	0.12	0.02	6.3169E-10
rs114724150	C	T	0.03	0.0055836	6.3176E-10
rs78338682	A	G	0.12	0.02	6.3177E-10
rs375772236	C	G	0.21	0.03	6.3328E-10
rs114343565	A	C	0.08	0.01	6.3332E-10
rs74348786	G	T	0.12	0.02	6.3419E-10
rs113421380	T	G	0.06	0.01	6.3477E-10
rs185034083	C	T	0.11	0.01	6.3649E-10
rs9858874	C	A	0.12	0.02	6.3661E-10
rs115942994	A	G	0.12	0.02	6.3669E-10
rs575431836	A	G	0.12	0.02	6.3706E-10
rs573535373	A	T	0.11	0.01	6.3719E-10
rs564997061	T	C	0.04	0.0070329	6.373E-10
rs113874397	G	A	0.12	0.02	6.3752E-10
rs115748120	T	G	0.13	0.02	6.3791E-10
rs140824042	G	A	0.66	0.1	6.3824E-10
rs77466557	C	G	0.08	0.01	6.3838E-10
rs191933638	A	G	0.12	0.02	6.3883E-10
rs78318332	C	G	0.16	0.02	6.3886E-10
rs115428905	T	C	0.14	0.02	6.3887E-10
rs772536010	A	G	0.03	0.0049759	6.392E-10
rs77189627	A	G	0.05	0.0084828	6.4029E-10
rs13375254	A	G	0.06	0.01	6.4035E-10
rs116363831	A	G	0.12	0.01	6.4091E-10
rs78865863	A	G	0.12	0.02	6.413E-10
rs2063488	A	G	0.12	0.02	6.413E-10
rs142579509	A	T	0.12	0.02	6.4163E-10
rs116586697	A	G	0.06	0.01	6.4193E-10
rs191273890	A	G	0.12	0.02	6.4218E-10
rs149333070	G	T	0.14	0.02	6.4418E-10
rs150742114	A	T	0.14	0.02	6.4418E-10
rs145812646	C	A	0.06	0.01	6.4459E-10

rs199630563	A	C	0.5	0.08	6.4521E-10
rs113784667	C	A	0.12	0.02	6.4584E-10
rs575239183	C	G	0.12	0.01	6.459E-10
rs116000581	T	C	0.04	0.0068893	6.4608E-10
rs75522783	A	C	0.08	0.01	6.4623E-10
rs146773442	G	A	0.12	0.02	6.4637E-10
rs10156320	A	C	0.13	0.02	6.4711E-10
rs142495830	G	A	0.07	0.01	6.4734E-10
rs149247476	T	C	0.12	0.02	6.476E-10
rs116429828	T	C	0.12	0.02	6.4794E-10
rs574547166	A	G	0.12	0.02	6.4971E-10
rs142260242	C	T	0.12	0.02	6.5026E-10
rs140866877	T	C	0.12	0.01	6.5074E-10
rs143445087	C	T	0.12	0.02	6.5087E-10
rs78645250	A	G	0.1	0.01	6.5098E-10
rs112453447	C	T	0.12	0.01	6.5151E-10
rs72987017	A	G	0.3	0.04	6.5223E-10
rs536015268	G	A	0.06	0.01	6.5277E-10
rs760988974	A	G	0.02	0.0032746	6.5341E-10
rs181755116	A	G	0.15	0.02	6.5353E-10
rs114792255	G	T	0.12	0.01	6.536E-10
rs181581399	A	G	0.11	0.01	6.5386E-10
rs76394789	G	A	0.12	0.01	6.539E-10
rs74751964	T	C	0.07	0.01	6.5522E-10
rs116054182	C	T	0.12	0.02	6.5566E-10
rs150462598	A	C	0.06	0.01	6.5646E-10
rs186952838	C	T	0.12	0.01	6.5672E-10
rs73550445	T	C	0.13	0.02	6.5691E-10
rs9822441	A	T	0.12	0.02	6.5716E-10
rs534401276	T	C	0.1	0.01	6.5735E-10
rs140635884	A	G	0.12	0.02	6.5741E-10
rs150053166	A	G	0.17	0.02	6.5796E-10
rs528701757	G	C	0.12	0.01	6.5836E-10
rs139657940	T	G	0.2	0.03	6.5866E-10
rs79046157	T	G	0.19	0.03	6.6033E-10
rs74830511	C	G	0.13	0.02	6.6052E-10
rs75976545	C	T	0.12	0.02	6.6118E-10
rs187751490	G	A	0.12	0.01	6.6121E-10
rs576038157	T	C	0.21	0.03	6.6135E-10
rs139181831	T	C	0.12	0.02	6.614E-10
rs12112630	A	G	0.06	0.01	6.6166E-10
rs114913380	C	T	0.17	0.02	6.6217E-10
rs74476615	C	T	0.11	0.01	6.6232E-10
rs148849337	G	A	0.08	0.01	6.6317E-10
rs145931883	A	C	0.21	0.03	6.6324E-10
rs6770061	C	A	0.38	0.06	6.6341E-10
rs116356427	A	G	0.12	0.02	6.6359E-10
rs569652790	G	A	0.12	0.02	6.6371E-10
rs146805475	T	G	0.12	0.02	6.6406E-10
rs114326759	G	A	0.38	0.06	6.6429E-10
rs149308549	A	T	0.38	0.06	6.6429E-10
rs80322348	A	G	0.38	0.06	6.6429E-10
rs78892428	G	T	0.07	0.01	6.6449E-10
rs78965596	C	T	0.03	0.0054642	6.6469E-10
rs138040159	G	C	0.13	0.02	6.652E-10
rs112067372	A	G	0.14	0.02	6.6542E-10
rs114733171	C	T	0.12	0.02	6.6632E-10
rs114109485	T	A	0.13	0.02	6.6644E-10
rs16877768	G	C	0.12	0.02	6.6741E-10
rs147640042	G	T	0.12	0.02	6.676E-10
rs145016055	T	C	0.13	0.02	6.6817E-10



rs147910819	T	A	0.12	0.02	6.6827E-10
rs139064685	T	A	0.12	0.02	6.7E-10
rs190482304	A	C	0.13	0.02	6.701E-10
rs114219905	A	C	0.04	0.006931	6.7032E-10
rs36098271	T	C	0.03	0.0051532	6.7143E-10
rs73378969	A	G	0.12	0.01	6.7144E-10
rs145348313	C	A	0.17	0.02	6.7149E-10
rs532663599	A	G	0.12	0.02	6.7166E-10
rs547766634	G	A	0.12	0.02	6.7166E-10
rs148887952	A	G	0.15	0.02	6.7189E-10
rs114042365	C	G	0.12	0.01	6.7252E-10
rs77844700	A	G	0.15	0.02	6.726E-10
rs147288006	A	C	0.15	0.02	6.7281E-10
rs114262785	T	C	0.12	0.02	6.7355E-10
rs115513810	A	G	0.19	0.03	6.7377E-10
rs112758906	G	A	0.14	0.02	6.7378E-10
rs77854088	T	C	0.1	0.01	6.7427E-10
rs149370538	C	T	0.06	0.01	6.7452E-10
rs3218961	G	T	0.13	0.02	6.7474E-10
rs146904719	T	C	0.36	0.05	6.7571E-10
rs151203404	C	T	0.07	0.01	6.7615E-10
rs186645610	A	C	0.12	0.02	6.7633E-10
rs75338244	A	G	0.12	0.02	6.7687E-10
rs73829275	T	C	0.04	0.0075592	6.7689E-10
rs11998254	C	G	0.04	0.0069302	6.772E-10
rs140850620	C	T	0.12	0.02	6.7811E-10
rs147188896	C	T	0.11	0.01	6.7828E-10
rs150142289	T	C	0.12	0.02	6.7895E-10
rs74547867	T	C	0.12	0.02	6.7898E-10
rs12333776	A	G	0.06	0.01	6.7908E-10
rs566749076	T	C	0.12	0.02	6.7919E-10
rs587760721	A	G	0.22	0.03	6.7942E-10
rs114530369	T	C	0.07	0.01	6.8072E-10
rs189038800	A	G	0.06	0.01	6.809E-10
rs138699135	T	C	0.12	0.02	6.8129E-10
rs9811031	G	A	0.12	0.02	6.8169E-10
rs557964974	T	C	0.12	0.02	6.8229E-10
rs117218307	T	A	0.12	0.02	6.8299E-10
rs9864269	C	T	0.12	0.02	6.83E-10
rs565498752	T	C	0.08	0.01	6.8302E-10
rs61433929	C	T	0.08	0.01	6.832E-10
rs12107751	T	A	0.15	0.02	6.8323E-10
rs377642393	G	A	0.12	0.02	6.8325E-10
rs141762893	A	C	0.12	0.02	6.8331E-10
rs79310333	G	T	0.07	0.01	6.8421E-10
rs568706546	G	A	0.25	0.04	6.8423E-10
rs547554459	A	C	0.13	0.02	6.847E-10
rs143780677	T	A	0.2	0.03	6.85E-10
rs138202326	T	C	0.12	0.02	6.8545E-10
rs568712821	G	A	0.06	0.01	6.8644E-10
rs116410545	A	G	0.12	0.02	6.866E-10
rs146163893	A	G	0.12	0.01	6.8665E-10
rs140173614	A	G	0.12	0.01	6.8676E-10
rs139434137	T	G	0.1	0.01	6.8697E-10
rs143659279	T	A	0.16	0.02	6.8715E-10
rs148739800	A	G	0.16	0.02	6.8715E-10
rs370109685	T	G	0.12	0.01	6.8731E-10
rs377379854	G	C	0.11	0.01	6.874E-10
rs77479423	G	A	0.16	0.02	6.8833E-10
rs551121006	C	T	0.09	0.01	6.8863E-10
rs114164376	A	C	0.22	0.03	6.8935E-10

rs138309186	A	G	0.63	0.1	6.8938E-10
rs60998570	G	A	0.12	0.02	6.9032E-10
rs111826702	T	C	0.14	0.02	6.9042E-10
rs547177981	A	G	0.03	0.0057529	6.9079E-10
rs76793022	A	G	0.66	0.1	6.9102E-10
rs142672465	A	G	0.12	0.02	6.9136E-10
rs118103038	G	T	0.17	0.02	6.9142E-10
rs181698855	G	A	0.12	0.02	6.9154E-10
rs115982212	T	C	0.14	0.02	6.9271E-10
rs116792379	C	T	0.12	0.02	6.9413E-10
rs12047245	C	T	0.09	0.01	6.9423E-10
rs191620681	T	C	0.16	0.02	6.9447E-10
rs73377298	C	A	0.14	0.02	6.9513E-10
rs139730066	C	T	0.19	0.03	6.9523E-10
rs143808086	G	A	0.06	0.01	6.9528E-10
rs537338925	A	C	0.12	0.01	6.9585E-10
rs112844817	G	A	0.06	0.01	6.961E-10
rs139139020	T	G	0.04	0.0072608	6.9647E-10
rs538659866	A	G	0.14	0.02	6.9664E-10
rs748470334	C	T	0.03	0.005463	6.9674E-10
rs74340018	A	G	0.06	0.01	6.9691E-10
rs115130136	C	G	0.12	0.02	6.97E-10
rs147022021	A	G	0.12	0.02	6.9747E-10
rs552982190	G	T	0.12	0.02	6.9783E-10
rs536986937	A	G	0.17	0.02	6.9808E-10
rs573156695	T	C	0.01	0.0025281	6.9809E-10
rs150031684	T	C	0.04	0.006921	6.9816E-10
2:109265078_T_C	C	T	0.05	0.0096261	6.9842E-10
rs80154871	C	G	0.1	0.01	6.9893E-10
rs150029120	T	A	0.12	0.02	6.9897E-10
rs72726148	C	T	0.06	0.01	6.9958E-10
rs185051561	A	G	0.12	0.01	6.9966E-10
rs28678391	G	A	0.04	0.0071857	6.9974E-10
rs150539594	A	G	0.05	0.0082938	6.9975E-10
rs193212179	A	C	0.11	0.01	7.0142E-10
rs7569926	G	C	0.11	0.01	7.0176E-10
rs143235448	C	T	0.18	0.02	7.0177E-10
rs149714221	T	C	0.12	0.02	7.0205E-10
rs141901622	C	T	0.07	0.01	7.0287E-10
rs143896488	A	G	0.12	0.02	7.0336E-10
rs78139619	C	A	0.61	0.09	7.0383E-10
rs61046255	C	T	0.12	0.02	7.039E-10
rs367626124	G	A	0.15	0.02	7.0428E-10
rs115818851	A	G	0.12	0.02	7.0466E-10
rs73377302	A	G	0.14	0.02	7.0527E-10
rs554391725	A	C	0.06	0.01	7.0531E-10
rs75945969	T	G	0.14	0.02	7.0537E-10
rs556321131	A	G	0.11	0.01	7.0574E-10
rs12644407	T	C	0.12	0.02	7.0585E-10
rs138219203	G	T	0.21	0.03	7.059E-10
rs145640776	G	C	0.23	0.03	7.0634E-10
rs141769308	C	T	0.12	0.02	7.0672E-10
7:157789601_C_T	T	C	0.02	0.0045124	7.0735E-10
rs140505663	A	G	0.1	0.01	7.0764E-10
rs79670063	T	C	0.14	0.02	7.0929E-10
rs188172513	A	C	0.16	0.02	7.0986E-10
rs140641338	G	A	0.12	0.02	7.0988E-10
rs186949581	G	T	0.11	0.01	7.1061E-10
rs561209566	T	C	0.05	0.0093559	7.1068E-10
rs111473344	G	A	0.12	0.01	7.1111E-10
rs781490289	A	G	0.05	0.0082801	7.1176E-10

rs78433539	G	A	0.06	0.01	7.1191E-10
rs747121436	G	A	0.04	0.0067823	7.1257E-10
rs546639472	G	C	0.12	0.02	7.1267E-10
rs79581939	T	G	0.12	0.02	7.1286E-10
rs115759353	T	C	0.13	0.02	7.1397E-10
rs146464369	G	A	0.05	0.0095511	7.1443E-10
rs146183172	A	T	0.19	0.03	7.1566E-10
rs76414087	G	T	0.12	0.02	7.1596E-10
rs182856053	G	A	0.12	0.02	7.1631E-10
rs181310018	G	A	0.13	0.02	7.17E-10
rs150305961	G	A	0.19	0.03	7.1745E-10
rs558114472	C	T	0.13	0.02	7.1753E-10
rs529952845	T	C	0.12	0.02	7.1784E-10
rs72928055	G	A	0.03	0.0057994	7.1794E-10
rs148212562	T	C	0.12	0.02	7.182E-10
rs535561546	G	A	0.15	0.02	7.1822E-10
rs75250103	C	T	0.12	0.02	7.1849E-10
rs114036350	C	T	0.08	0.01	7.1875E-10
rs74849910	T	C	0.12	0.02	7.1876E-10
rs114637447	G	A	0.15	0.02	7.1899E-10
rs562706487	A	T	0.3	0.04	7.1996E-10
rs9970645	C	T	0.16	0.02	7.2012E-10
rs144346005	C	T	0.12	0.02	7.2062E-10
rs11807154	T	C	0.04	0.0071603	7.207E-10
rs372908232	G	A	0.04	0.007184	7.2148E-10
rs61514319	A	G	0.12	0.01	7.2187E-10
rs150623651	A	G	0.12	0.02	7.2236E-10
rs146954175	C	G	0.29	0.04	7.2247E-10
rs79290234	T	C	0.12	0.02	7.2272E-10
rs184236916	T	G	0.12	0.01	7.2287E-10
9:108105267_A_C	C	A	0.16	0.02	7.2362E-10
rs139044669	G	A	0.06	0.01	7.2403E-10
rs114569769	C	T	0.1	0.01	7.2446E-10
rs77141098	C	A	0.12	0.02	7.2451E-10
rs185593710	T	G	0.12	0.01	7.2464E-10
rs7712720	C	T	-0.1	0.01	7.2562E-10
rs189840512	C	T	0.12	0.02	7.2586E-10
rs12079886	T	G	0.12	0.02	7.2602E-10
rs542268052	G	A	0.13	0.02	7.263E-10
rs113806898	A	G	0.12	0.02	7.2647E-10
rs73433134	C	T	0.11	0.01	7.269E-10
rs115288464	C	A	0.2	0.03	7.2796E-10
rs13307261	A	G	0.13	0.02	7.2909E-10
rs142379055	A	C	0.12	0.02	7.3015E-10
rs73864214	T	C	0.12	0.01	7.303E-10
rs7636375	C	T	0.12	0.02	7.3132E-10
rs145396277	T	C	0.12	0.02	7.3145E-10
rs115921232	A	G	0.12	0.02	7.3209E-10
rs59756441	T	C	0.09	0.01	7.3224E-10
rs184902111	T	C	0.19	0.03	7.3254E-10
rs114839441	C	G	0.12	0.01	7.3267E-10
rs771025215	T	C	0.03	0.0053207	7.3267E-10
rs148176727	G	A	0.12	0.01	7.3294E-10
rs536495304	C	A	0.72	0.11	7.3335E-10
rs115974738	A	G	0.12	0.02	7.3421E-10
rs77846446	C	T	0.12	0.02	7.3421E-10
rs12060835	A	G	0.12	0.02	7.3475E-10
rs116152874	A	G	0.09	0.01	7.3485E-10
rs115710779	A	G	0.11	0.01	7.3505E-10
rs60718127	C	T	0.12	0.02	7.3554E-10
rs140564876	T	G	0.28	0.04	7.3557E-10

5:40053117_C_A	A	C	0.03	0.0053646	7.3584E-10
rs149206398	T	C	0.12	0.02	7.3584E-10
rs770028523	T	C	0.04	0.006908	7.3606E-10
rs116296239	G	A	0.13	0.02	7.3658E-10
rs143564046	T	G	0.12	0.02	7.3667E-10
rs114214031	A	C	0.12	0.02	7.3674E-10
rs114619016	G	A	0.12	0.01	7.3682E-10
rs183628474	A	T	0.12	0.02	7.3686E-10
rs192656541	T	C	0.29	0.04	7.3777E-10
rs145478051	A	G	0.01	0.0028607	7.3777E-10
rs77160561	G	A	0.12	0.02	7.3829E-10
rs188225354	C	G	0.12	0.02	7.3903E-10
rs114775708	C	T	0.12	0.02	7.3906E-10
rs114009688	C	T	0.21	0.03	7.3917E-10
rs78442749	G	C	0.1	0.01	7.3974E-10
rs115145255	T	A	0.14	0.02	7.4042E-10
rs563844265	G	C	0.17	0.02	7.4102E-10
rs190431645	G	A	0.18	0.03	7.4321E-10
rs560869501	A	G	0.12	0.02	7.4412E-10
rs150092694	C	T	0.08	0.01	7.4444E-10
rs540768531	G	T	0.12	0.02	7.4478E-10
rs183939787	T	C	0.11	0.01	7.4527E-10
rs115118775	G	A	0.12	0.02	7.4532E-10
rs138280830	T	C	0.1	0.01	7.4555E-10
rs146075969	G	A	0.9	0.14	7.4605E-10
rs114635189	A	G	0.12	0.02	7.4615E-10
rs531202061	T	C	0.12	0.02	7.4627E-10
rs139055709	T	G	0.12	0.01	7.4643E-10
rs146361796	A	T	0.13	0.02	7.4653E-10
rs116799818	A	T	0.06	0.01	7.4731E-10
rs116362694	C	T	0.1	0.01	7.4766E-10
rs77272867	T	G	0.12	0.02	7.4789E-10
rs116804172	T	C	0.07	0.01	7.4799E-10
rs539206154	A	G	0.12	0.02	7.4836E-10
rs77439503	T	C	0.12	0.02	7.4863E-10
rs60609824	C	T	0.12	0.01	7.4891E-10
rs568511316	G	A	0.56	0.09	7.5023E-10
rs561049296	A	T	0.15	0.02	7.5038E-10
rs570872286	A	G	0.15	0.02	7.5038E-10
rs115883139	C	T	0.12	0.02	7.5084E-10
rs138350087	T	C	0.17	0.02	7.509E-10
rs115427909	G	A	0.12	0.01	7.5099E-10
rs116168813	T	C	0.1	0.01	7.5125E-10
rs368932379	T	C	0.36	0.05	7.5192E-10
rs147162519	A	C	0.12	0.01	7.5236E-10
rs74383811	T	C	0.16	0.02	7.5331E-10
rs56761854	C	T	0.06	0.01	7.5346E-10
rs9692038	C	T	0.12	0.02	7.5369E-10
rs116421000	C	T	0.12	0.01	7.5383E-10
rs193095453	G	A	0.24	0.03	7.5407E-10
rs115474584	G	A	0.06	0.01	7.5454E-10
rs116675690	C	A	0.05	0.0094239	7.5532E-10
rs781067784	G	A	0.02	0.003727	7.5541E-10
rs114333591	C	T	0.12	0.02	7.5553E-10
rs117704307	G	A	0.13	0.02	7.5578E-10
rs7839546	A	C	0.06	0.01	7.562E-10
rs28575807	C	G	0.13	0.02	7.563E-10
rs115747999	G	A	0.12	0.02	7.5657E-10
rs12097816	A	G	0.12	0.02	7.5668E-10
rs114314282	G	A	0.06	0.01	7.568E-10
rs140209370	T	C	0.06	0.01	7.5695E-10

rs143233174	T	C	0.12	0.01	7.5707E-10
rs140466674	A	C	0.12	0.01	7.5707E-10
rs73682511	G	C	0.06	0.009964	7.5747E-10
rs149852488	C	G	0.12	0.01	7.5755E-10
rs141986253	A	G	0.12	0.02	7.5791E-10
rs149125651	G	A	0.12	0.01	7.5851E-10
rs367798010	T	C	0.04	0.0072519	7.5864E-10
rs149635746	A	G	0.06	0.01	7.5891E-10
rs141142256	C	T	0.12	0.01	7.5907E-10
rs74453684	A	G	0.12	0.02	7.5973E-10
rs571010422	A	C	0.12	0.02	7.6019E-10
rs191941985	A	T	0.06	0.01	7.6044E-10
rs116494145	G	A	0.08	0.01	7.6065E-10
rs114454354	T	G	0.14	0.02	7.6106E-10
rs143631290	T	G	0.12	0.02	7.6197E-10
rs568592524	A	G	0.12	0.01	7.6241E-10
rs146620766	T	C	0.02	0.0034649	7.6303E-10
rs9872183	G	C	0.12	0.02	7.6328E-10
rs114982191	C	A	0.12	0.02	7.6341E-10
rs114096818	G	T	0.12	0.02	7.6371E-10
rs143706600	C	A	0.12	0.02	7.6446E-10
rs116547207	A	G	0.07	0.01	7.6479E-10
rs78121005	G	A	0.08	0.01	7.6503E-10
rs187106014	A	G	0.33	0.05	7.6581E-10
rs759919727	C	A	0.04	0.0068284	7.6606E-10
rs546294161	T	C	0.12	0.02	7.6628E-10
rs112316811	C	T	0.12	0.01	7.6639E-10
rs77825909	G	A	0.12	0.02	7.6645E-10
rs190434790	G	A	0.06	0.01	7.6753E-10
rs143076243	G	A	0.13	0.02	7.6764E-10
rs115075057	C	T	0.06	0.01	7.6795E-10
rs781907841	T	C	0.05	0.0081984	7.7034E-10
rs146457767	C	T	0.18	0.03	7.7063E-10
rs112201389	C	T	0.12	0.02	7.7072E-10
rs60385301	T	C	0.12	0.02	7.7126E-10
rs182483088	A	C	0.04	0.0073728	7.7208E-10
rs78537020	T	C	0.12	0.02	7.7255E-10
rs528789957	T	C	0.1	0.01	7.7331E-10
rs76313654	T	A	0.12	0.02	7.738E-10
rs148750303	A	T	0.04	0.0072518	7.7401E-10
rs559731289	T	A	0.12	0.02	7.744E-10
rs148244908	C	T	0.06	0.01	7.7507E-10
rs141817158	C	T	0.13	0.02	7.7544E-10
rs557304561	C	T	0.04	0.0076602	7.7604E-10
rs28736420	T	A	0.16	0.02	7.7637E-10
rs140919730	C	T	0.12	0.01	7.7658E-10
rs183861355	T	C	0.12	0.02	7.7682E-10
rs186251293	T	A	0.13	0.02	7.7718E-10
rs551148660	G	A	0.03	0.0058761	7.7745E-10
rs191312531	C	T	0.3	0.05	7.7799E-10
rs587598575	C	G	2.26	0.36	7.7887E-10
rs114841726	A	C	0.12	0.01	7.7889E-10
rs114311590	T	C	0.11	0.01	7.7924E-10
rs115657093	T	G	0.12	0.01	7.7942E-10
rs116551287	C	T	0.14	0.02	7.7996E-10
rs116667883	A	G	0.15	0.02	7.8058E-10
rs144569689	T	C	0.07	0.01	7.8112E-10
rs80234899	G	A	0.12	0.02	7.8198E-10
rs539620363	T	C	0.11	0.01	7.8243E-10
rs376636688	C	T	0.04	0.0068296	7.8278E-10
rs75737262	T	C	0.12	0.02	7.8296E-10

rs116607687	G	A	0.12	0.01	7.83E-10
rs563711994	G	C	0.12	0.02	7.8328E-10
rs568524183	G	A	0.12	0.02	7.8328E-10
rs77809664	A	T	0.31	0.05	7.8368E-10
rs574937318	G	T	0.03	0.0052476	7.8374E-10
rs142545768	A	C	0.29	0.04	7.8388E-10
rs141458114	G	A	0.12	0.02	7.8395E-10
rs183568426	G	A	0.12	0.02	7.8427E-10
rs114973890	C	A	0.06	0.01	7.8436E-10
rs548143432	A	T	0.12	0.01	7.8443E-10
6:130908531_A_G	G	A	0.06	0.01	7.8604E-10
rs149479075	A	G	1.15	0.18	7.8679E-10
rs111879168	C	G	0.06	0.01	7.8713E-10
rs115227444	T	A	0.12	0.02	7.873E-10
rs114750908	C	A	0.16	0.02	7.8746E-10
rs76184517	A	C	0.12	0.01	7.8748E-10
rs73065610	A	G	0.12	0.02	7.8774E-10
rs6736657	G	A	0.14	0.02	7.8792E-10
rs146993926	G	A	0.12	0.02	7.8826E-10
rs186880732	T	G	0.12	0.02	7.883E-10
rs113351050	T	C	0.12	0.02	7.8866E-10
rs542234832	A	G	0.09	0.01	7.8869E-10
rs147847527	C	A	0.12	0.02	7.8876E-10
rs189586782	T	C	0.12	0.01	7.8925E-10
rs113989877	G	C	0.12	0.02	7.8927E-10
rs73655897	T	C	0.06	0.01	7.8931E-10
rs188767487	T	C	0.11	0.01	7.8993E-10
rs116252249	T	C	0.04	0.0075828	7.9031E-10
rs144270760	G	C	0.07	0.01	7.9059E-10
rs573087105	A	G	0.12	0.01	7.9064E-10
rs78163787	G	T	0.12	0.02	7.907E-10
rs116569259	G	T	0.04	0.0068271	7.9122E-10
rs192964221	C	G	0.12	0.01	7.9152E-10
rs80271175	T	C	0.04	0.0068271	7.916E-10
rs189515171	T	A	0.03	0.0051557	7.925E-10
rs145569846	G	C	0.14	0.02	7.9263E-10
rs146619293	T	G	0.49	0.08	7.9343E-10
rs76658842	T	C	0.11	0.01	7.9389E-10
rs10277133	A	G	0.04	0.0069035	7.9389E-10
rs115001135	G	C	0.12	0.02	7.9502E-10
rs116117735	T	C	0.12	0.02	7.9508E-10
rs185621531	A	G	0.11	0.01	7.9511E-10
rs115748667	A	C	0.12	0.01	7.9542E-10
rs57276241	C	G	0.12	0.02	7.9545E-10
rs562600786	A	G	0.06	0.01	7.956E-10
rs186935507	A	G	0.02	0.0043908	7.9609E-10
rs148727706	C	A	0.12	0.02	7.9646E-10
rs140805159	C	A	0.12	0.01	7.967E-10
rs111707712	G	T	0.12	0.02	7.9718E-10
rs139059550	T	C	0.13	0.02	7.9763E-10
rs556440713	T	C	0.13	0.02	7.9793E-10
rs141287414	T	C	0.11	0.01	7.9856E-10
rs79501950	T	C	0.12	0.02	7.9874E-10
rs80025450	G	C	0.12	0.01	7.9881E-10
rs142945342	G	A	0.12	0.01	7.9992E-10
rs776224680	T	C	0.02	0.004859	7.9994E-10
rs115366023	C	T	0.12	0.02	8.0038E-10
rs139795638	A	G	0.12	0.01	8.0045E-10
rs145090533	T	C	0.12	0.02	8.0112E-10
rs77439489	T	G	0.04	0.006831	8.0113E-10
rs147397552	T	C	0.12	0.02	8.0115E-10

rs763337369	G	T	0.06	0.009942	8.0261E-10
rs78962878	T	A	0.12	0.02	8.0264E-10
rs140218758	C	T	0.11	0.01	8.0286E-10
rs530141365	G	T	0.12	0.02	8.0316E-10
rs548801311	C	T	0.48	0.07	8.04E-10
rs574677591	G	C	0.12	0.02	8.0417E-10
rs61731504	T	C	0.12	0.01	8.0432E-10
rs188559375	G	C	0.13	0.02	8.0446E-10
rs565196522	T	C	0.02	0.0046026	8.0459E-10
rs149577013	C	T	0.25	0.04	8.0462E-10
rs577190301	C	A	0.11	0.01	8.0529E-10
rs186714518	A	G	0.11	0.01	8.0529E-10
rs566823288	G	A	0.18	0.03	8.0626E-10
rs115092195	A	G	0.06	0.01	8.0691E-10
rs528450803	T	G	0.12	0.02	8.0735E-10
rs186921906	T	C	0.02	0.0044759	8.0737E-10
rs146548246	G	T	0.12	0.02	8.0738E-10
rs184891417	G	A	0.06	0.01	8.0814E-10
4:116038683_T_C	C	T	0.03	0.0053156	8.0839E-10
rs141655107	C	G	0.12	0.02	8.0876E-10
rs115481633	T	C	0.12	0.02	8.092E-10
rs73517542	A	G	0.12	0.01	8.0945E-10
rs7013437	C	T	0.06	0.01	8.0984E-10
rs555623129	C	G	0.06	0.01	8.1015E-10
rs140529008	T	C	0.12	0.01	8.1017E-10
rs11987740	A	G	0.04	0.006831	8.1037E-10
rs115293626	A	G	0.12	0.01	8.1046E-10
rs75544148	G	A	0.04	0.0068707	8.1089E-10
rs190596062	T	G	0.3	0.05	8.1141E-10
rs138341664	G	T	0.12	0.02	8.1176E-10
rs146725759	A	T	0.12	0.02	8.1213E-10
rs115611244	C	G	0.12	0.01	8.1326E-10
rs138139869	C	G	0.12	0.02	8.1344E-10
rs190967931	A	G	0.12	0.02	8.1384E-10
rs150043100	A	G	0.1	0.01	8.1419E-10
rs12350571	A	G	0.13	0.02	8.1446E-10
rs184597393	T	C	0.12	0.01	8.1484E-10
rs148994644	T	C	0.13	0.02	8.1492E-10
rs74387689	C	A	0.12	0.01	8.154E-10
rs183819017	G	A	0.12	0.02	8.1546E-10
rs142161624	T	C	0.06	0.01	8.155E-10
rs143333217	C	G	0.12	0.02	8.158E-10
rs13286320	A	G	0.12	0.02	8.1656E-10
rs11205111	G	A	0.12	0.02	8.1657E-10
rs545689959	A	G	0.14	0.02	8.1737E-10
rs11205110	G	C	0.12	0.02	8.176E-10
rs541626147	A	C	0.13	0.02	8.177E-10
rs116232174	C	T	0.12	0.02	8.1824E-10
rs146057576	A	C	0.12	0.01	8.1839E-10
rs73380603	G	A	0.12	0.01	8.1905E-10
rs573225305	A	G	0.12	0.02	8.201E-10
rs780781250	G	A	0.03	0.0053593	8.2027E-10
rs114662325	A	G	0.12	0.01	8.2034E-10
rs115689190	C	T	0.13	0.02	8.2036E-10
rs186928123	C	A	0.12	0.01	8.2039E-10
rs189360848	T	C	0.02	0.0037426	8.207E-10
rs116655159	T	C	0.06	0.009859	8.2077E-10
rs79129705	C	T	0.03	0.0053039	8.208E-10
rs554196013	C	G	0.02	0.0046537	8.208E-10
rs144562742	T	C	0.12	0.01	8.2083E-10
rs150399463	G	C	0.12	0.01	8.2131E-10

rs145042097	T	C	0.1	0.01	8.2135E-10
rs145978193	T	C	0.09	0.01	8.215E-10
rs141549878	T	C	0.04	0.0070107	8.2169E-10
rs537586452	G	A	0.12	0.01	8.2186E-10
rs187018072	C	A	0.12	0.01	8.2216E-10
rs191511138	A	G	0.12	0.01	8.2216E-10
rs145081995	T	C	0.12	0.02	8.2222E-10
rs74972743	A	T	0.12	0.01	8.2293E-10
rs145884514	T	C	0.25	0.04	8.2297E-10
rs114869832	C	T	0.12	0.02	8.2365E-10
rs112842142	C	T	0.1	0.01	8.2454E-10
4:97852186_G_A	A	G	0.04	0.0067594	8.2499E-10
rs371575104	C	T	30.99	5.04	8.2513E-10
rs138285591	T	A	0.15	0.02	8.2529E-10
rs76092417	A	T	0.12	0.02	8.2577E-10
rs192644824	T	C	0.04	0.0078863	8.261E-10
rs565895140	C	T	0.11	0.01	8.2642E-10
rs188131758	T	A	0.14	0.02	8.2697E-10
rs76363442	T	C	0.12	0.01	8.27E-10
rs76474741	G	T	0.12	0.01	8.2711E-10
rs140503447	A	G	0.12	0.01	8.2711E-10
rs140242976	A	G	0.12	0.01	8.2715E-10
rs114593906	A	T	0.14	0.02	8.276E-10
3:181112680_G_T	T	G	0.07	0.01	8.2878E-10
rs151202503	T	C	0.12	0.01	8.2905E-10
rs78990665	A	T	0.12	0.01	8.2919E-10
rs149632699	C	A	0.05	0.0084127	8.2931E-10
rs12006346	A	C	0.09	0.01	8.295E-10
rs145593042	A	C	0.15	0.02	8.2952E-10
rs114617078	G	C	0.12	0.01	8.3024E-10
rs145600879	A	G	0.05	0.0082582	8.3123E-10
rs376648930	C	T	0.12	0.01	8.3179E-10
rs114477952	T	C	0.11	0.01	8.332E-10
rs140702758	T	C	0.16	0.02	8.3329E-10
rs148344754	C	T	0.12	0.01	8.3337E-10
rs78734552	T	C	0.13	0.02	8.3342E-10
rs147706803	A	G	0.07	0.01	8.3349E-10
rs772141212	T	G	0.05	0.0087335	8.3378E-10
rs115423791	C	T	0.12	0.01	8.338E-10
rs115582917	G	A	0.12	0.01	8.3393E-10
rs371100584	T	C	0.11	0.01	8.3465E-10
rs540632820	G	A	0.14	0.02	8.3511E-10
rs549742833	T	C	0.1	0.01	8.3526E-10
rs182098152	G	A	0.12	0.01	8.3548E-10
rs115354276	T	C	0.13	0.02	8.3633E-10
rs139017497	T	G	0.11	0.01	8.3666E-10
rs59017910	G	T	0.12	0.02	8.3708E-10
rs545000677	A	G	0.04	0.0071237	8.3712E-10
rs150170487	T	C	0.12	0.02	8.3736E-10
rs141967452	G	C	0.12	0.02	8.3761E-10
rs746042488	T	C	0.04	0.0070532	8.3764E-10
rs78564049	T	A	0.12	0.01	8.3841E-10
rs187005684	A	C	0.02	0.0039124	8.3886E-10
rs146043943	C	G	0.06	0.01	8.3916E-10
rs76668323	G	A	0.04	0.0075128	8.3927E-10
rs181515485	A	G	0.32	0.05	8.3964E-10
rs116577204	G	C	0.14	0.02	8.399E-10
rs544517721	T	C	0.15	0.02	8.4009E-10
rs137885002	C	T	0.12	0.01	8.4051E-10
rs114727925	C	T	0.12	0.02	8.4143E-10
rs150279719	T	C	0.12	0.01	8.4232E-10



rs141035832	T	C	0.12	0.01	8.4232E-10
rs79828286	T	C	0.12	0.01	8.4232E-10
rs147810033	A	G	0.12	0.01	8.4348E-10
rs187458325	A	G	0.09	0.01	8.4471E-10
rs116868194	A	G	0.12	0.02	8.4502E-10
rs139477529	C	T	0.21	0.03	8.4534E-10
rs28645150	G	A	0.13	0.02	8.4602E-10
rs201858245	C	A	0.12	0.02	8.463E-10
rs116512494	A	C	0.12	0.02	8.464E-10
rs114803422	A	C	0.15	0.02	8.4726E-10
rs541276630	T	C	0.26	0.04	8.4744E-10
rs59266058	T	C	0.03	0.0057009	8.4786E-10
rs116537051	A	G	0.09	0.01	8.4901E-10
rs115882900	T	C	0.06	0.01	8.494E-10
rs776955184	G	A	0.08	0.01	8.4945E-10
rs549528905	G	A	0.07	0.01	8.5045E-10
rs76601142	A	G	0.12	0.02	8.5078E-10
rs114325925	A	C	0.12	0.01	8.5137E-10
rs192086488	T	C	0.06	0.0099212	8.5187E-10
rs111893201	C	T	0.12	0.02	8.5288E-10
rs188920877	T	G	0.37	0.06	8.5306E-10
rs77378329	T	C	0.13	0.02	8.537E-10
rs7043985	G	A	0.12	0.01	8.537E-10
rs139389807	T	C	0.05	0.0086483	8.5381E-10
rs149159882	C	G	0.12	0.02	8.54E-10
rs112860378	T	C	0.37	0.06	8.5419E-10
rs114828531	A	C	0.37	0.06	8.5419E-10
rs148489097	T	C	0.37	0.06	8.5419E-10
rs76757988	A	G	0.43	0.07	8.5441E-10
rs115796257	G	A	0.04	0.0076426	8.5441E-10
rs73527642	G	A	0.05	0.009752	8.5441E-10
rs146271707	G	A	0.15	0.02	8.5537E-10
rs116079917	T	C	0.12	0.02	8.5623E-10
rs190549583	G	A	0.08	0.01	8.5657E-10
rs142977190	G	A	0.12	0.01	8.5666E-10
rs375407692	C	T	0.12	0.01	8.5677E-10
rs183784860	A	G	0.32	0.05	8.569E-10
rs115176829	T	C	0.07	0.01	8.5708E-10
rs77384312	A	G	0.06	0.0098139	8.5716E-10
rs139910502	G	T	0.06	0.01	8.5764E-10
rs111330228	C	A	0.37	0.06	8.5769E-10
rs77243901	C	T	0.37	0.06	8.5769E-10
rs182345246	T	C	0.12	0.02	8.5796E-10
rs540241081	T	C	0.2	0.03	8.5809E-10
rs554764984	G	A	0.16	0.02	8.5814E-10
rs80085965	A	G	0.12	0.01	8.5841E-10
rs74867912	T	G	0.12	0.02	8.5867E-10
rs77609141	A	C	0.12	0.02	8.5867E-10
rs150307037	T	C	0.07	0.01	8.5903E-10
rs113288886	A	G	0.12	0.02	8.5952E-10
rs112547559	T	G	0.12	0.02	8.5952E-10
rs59649488	A	G	0.06	0.01	8.5963E-10
rs566741551	T	G	0.11	0.01	8.5986E-10
rs141705778	T	C	0.12	0.02	8.6002E-10
rs143189871	A	G	0.12	0.02	8.6101E-10
rs567975991	C	T	0.23	0.03	8.6208E-10
rs182985879	C	G	0.22	0.03	8.6439E-10
rs111783098	A	G	0.06	0.01	8.6533E-10
rs186430786	A	G	0.15	0.02	8.6534E-10
rs115533650	C	G	0.1	0.01	8.655E-10
rs574119227	G	A	0.13	0.02	8.6572E-10

rs553939073	A	G	0.11	0.01	8.684E-10
rs577602856	T	C	0.11	0.01	8.696E-10
rs115383024	G	A	0.15	0.02	8.6968E-10
rs558015377	A	C	0.04	0.0069253	8.6999E-10
rs548691362	A	G	0.12	0.02	8.701E-10
rs4647445	A	G	0.08	0.01	8.7126E-10
rs79658967	G	C	0.07	0.01	8.7244E-10
rs540591579	C	T	0.12	0.01	8.7261E-10
rs141210693	G	A	0.12	0.02	8.729E-10
rs139649390	T	C	0.12	0.01	8.7305E-10
rs184419378	A	G	0.07	0.01	8.744E-10
rs115323413	G	A	0.37	0.06	8.7518E-10
rs116242043	T	C	0.37	0.06	8.7518E-10
rs150136525	A	G	0.12	0.02	8.7522E-10
rs147089320	A	G	0.05	0.0089586	8.7526E-10
rs144928711	A	G	0.12	0.02	8.7567E-10
rs114328359	A	G	0.44	0.07	8.7657E-10
rs140604293	G	C	0.37	0.06	8.7695E-10
rs147219309	T	A	0.37	0.06	8.7695E-10
rs72999568	T	C	0.04	0.0070584	8.7775E-10
rs139098910	C	G	0.12	0.02	8.7798E-10
rs568306091	A	G	0.14	0.02	8.781E-10
rs541493467	A	G	0.43	0.07	8.7845E-10
rs60841392	C	T	0.06	0.01	8.7857E-10
rs372997107	A	G	0.14	0.02	8.8156E-10
rs75887302	A	G	0.12	0.01	8.8191E-10
rs190704340	A	G	0.12	0.02	8.8204E-10
rs185596407	T	C	0.12	0.02	8.8231E-10
rs140361255	T	C	0.06	0.01	8.8253E-10
rs114683274	G	A	0.06	0.01	8.8298E-10
rs142865301	T	C	0.19	0.03	8.831E-10
rs192844116	C	T	0.14	0.02	8.8366E-10
rs118136060	G	T	0.14	0.02	8.8379E-10
rs60428519	T	C	0.12	0.01	8.8486E-10
rs111575575	C	T	0.12	0.01	8.8559E-10
rs568344044	A	G	0.04	0.0081414	8.8661E-10
rs187754821	C	T	0.05	0.0093369	8.8777E-10
rs2227605	A	G	0.06	0.01	8.8843E-10
rs115123009	C	T	0.04	0.0073787	8.8881E-10
rs116459368	T	G	0.12	0.02	8.8923E-10
rs117448774	T	C	0.76	0.12	8.8944E-10
rs13433945	C	T	0.12	0.01	8.9005E-10
rs116205771	T	C	0.11	0.01	8.9101E-10
rs139519168	C	A	0.25	0.04	8.9102E-10
rs148957115	C	T	0.06	0.01	8.9131E-10
rs10070262	G	A	0.15	0.02	8.9199E-10
rs13414395	A	G	0.06	0.01	8.9239E-10
rs543596648	G	A	0.09	0.01	8.9296E-10
rs564480273	G	T	0.14	0.02	8.9298E-10
rs559983066	T	C	0.12	0.02	8.9306E-10
rs112758264	T	C	0.12	0.01	8.9428E-10
rs149886180	G	C	0.12	0.02	8.9432E-10
rs12536618	A	G	0.04	0.0076529	8.9458E-10
rs559515983	G	C	0.04	0.0067718	8.9472E-10
rs145335626	T	C	0.12	0.01	8.9533E-10
rs138638880	G	C	0.12	0.01	8.9567E-10
rs141703966	T	C	0.07	0.01	8.9613E-10
rs763934209	A	G	0.02	0.0043697	8.9625E-10
rs764431283	A	G	0.02	0.0033478	8.9637E-10
rs114800984	G	C	0.12	0.02	8.9649E-10
rs144221157	G	T	0.12	0.01	8.9724E-10

rs146618429	T	G	0.12	0.01	8.9724E-10
rs568808841	T	C	0.21	0.03	8.9735E-10
rs147839733	A	G	0.12	0.02	8.9786E-10
rs151281947	T	C	0.12	0.01	8.9831E-10
rs114895111	T	C	0.12	0.02	8.9861E-10
rs150812231	G	T	0.64	0.1	8.9881E-10
rs73354978	T	C	0.11	0.01	8.9883E-10
rs73818244	C	T	0.13	0.02	8.9906E-10
rs576093337	G	A	0.12	0.01	8.9909E-10
rs9425770	T	A	0.06	0.01	8.9951E-10
rs180728026	T	C	0.43	0.07	8.9964E-10
rs74743953	C	G	0.18	0.03	8.9968E-10
rs563079543	T	C	0.12	0.02	9.0006E-10
rs73829293	A	G	0.12	0.01	9.003E-10
rs184767433	A	T	0.18	0.02	9.0035E-10
rs7714012	G	A	0.07	0.01	9.0076E-10
rs115948843	T	G	0.12	0.02	9.0078E-10
rs112415764	A	G	0.17	0.02	9.0122E-10
rs143696307	G	A	0.06	0.01	9.0192E-10
rs145582299	T	G	0.1	0.01	9.0194E-10
rs115677245	A	G	0.1	0.01	9.0214E-10
rs371665940	T	C	0.04	0.0069581	9.0309E-10
rs75727680	T	C	0.06	0.01	9.0339E-10
rs7821982	A	T	0.1	0.01	9.0458E-10
rs73807609	A	C	0.12	0.02	9.0624E-10
rs145038099	G	C	0.05	0.0097481	9.066E-10
rs529978270	C	T	0.12	0.01	9.0714E-10
rs138582285	T	C	0.12	0.01	9.0729E-10
rs571404243	A	G	0.67	0.11	9.0741E-10
rs74909841	A	G	0.12	0.01	9.0768E-10
rs143262524	G	A	0.37	0.06	9.0771E-10
rs10504296	C	T	0.1	0.01	9.0796E-10
rs562926586	A	G	0.03	0.0057776	9.0802E-10
rs114815966	A	T	0.1	0.01	9.0838E-10
rs16925136	C	T	0.1	0.01	9.088E-10
rs114244326	A	G	0.06	0.01	9.0933E-10
rs180921609	T	G	0.14	0.02	9.1E-10
rs577871579	C	G	0.04	0.0071514	9.1034E-10
rs115740282	A	C	0.14	0.02	9.1057E-10
rs75159363	A	G	0.12	0.02	9.1075E-10
rs147790529	T	C	0.12	0.02	9.111E-10
rs115666585	T	C	0.12	0.02	9.1131E-10
rs114372198	T	C	0.1	0.01	9.1152E-10
rs16925154	T	C	0.1	0.01	9.1203E-10
rs546036512	G	T	0.03	0.0049631	9.1264E-10
rs113562493	A	G	0.12	0.01	9.128E-10
rs184418096	T	G	0.12	0.02	9.1308E-10
rs113422667	C	T	0.15	0.02	9.1314E-10
rs149878035	T	C	0.12	0.01	9.1356E-10
rs73086729	C	T	0.18	0.02	9.1395E-10
rs6707267	G	A	0.1	0.01	9.1572E-10
rs189320825	C	A	0.79	0.13	9.1884E-10
rs116827670	G	A	0.03	0.0059297	9.1886E-10
rs73779760	G	A	0.06	0.01	9.1944E-10
rs141706827	C	T	0.11	0.01	9.198E-10
rs111499981	G	C	0.12	0.02	9.1992E-10
rs114193802	G	A	0.12	0.02	9.2074E-10
rs139549065	C	T	0.12	0.02	9.2074E-10
rs73255006	T	C	0.06	0.01	9.2117E-10
rs75130507	T	A	0.12	0.01	9.219E-10
rs150472311	G	A	0.12	0.02	9.2234E-10

rs377010787	T	G	0.08	0.01	9.231E-10
rs56981195	A	G	0.12	0.02	9.2425E-10
rs16915909	T	C	0.17	0.02	9.248E-10
rs556066718	T	G	0.07	0.01	9.2488E-10
rs16846955	A	G	0.12	0.02	9.2494E-10
rs565167975	A	C	0.12	0.02	9.2603E-10
3:18557083_C_T	T	C	0.04	0.0067169	9.2657E-10
rs191602382	T	A	0.12	0.02	9.2671E-10
rs564759616	T	C	0.12	0.02	9.2723E-10
rs73978711	A	G	0.1	0.01	9.3007E-10
2:69330668_C_G	G	C	0.04	0.0079145	9.3079E-10
rs192289286	G	A	0.12	0.02	9.3089E-10
rs183236079	G	A	0.12	0.02	9.3107E-10
rs191763828	T	C	0.12	0.02	9.3107E-10
rs563243635	C	A	0.12	0.02	9.3107E-10
rs79681507	T	C	0.11	0.01	9.3115E-10
rs140708396	C	G	0.12	0.01	9.3181E-10
rs188174825	C	T	0.14	0.02	9.3209E-10
rs116520027	C	T	0.07	0.01	9.3278E-10
rs115199722	C	T	0.12	0.01	9.3345E-10
rs143048045	T	C	0.12	0.02	9.3363E-10
rs79800404	A	G	0.22	0.03	9.3449E-10
rs149675891	C	G	0.12	0.02	9.3488E-10
rs144046410	T	A	0.49	0.08	9.362E-10
rs181215969	T	C	0.07	0.01	9.3651E-10
rs114585758	A	C	0.12	0.02	9.3702E-10
rs112969595	T	C	0.08	0.01	9.3716E-10
rs183173326	A	G	0.12	0.02	9.3731E-10
rs114979125	T	C	0.12	0.02	9.3741E-10
rs368625766	C	T	0.13	0.02	9.3792E-10
rs189454532	G	A	0.15	0.02	9.3812E-10
rs143346444	A	G	0.12	0.01	9.3891E-10
rs182176029	A	G	0.13	0.02	9.3917E-10
rs115870418	G	A	0.07	0.01	9.4051E-10
rs148760443	C	G	0.06	0.01	9.416E-10
rs374229183	G	A	0.12	0.02	9.4221E-10
rs77683205	A	G	0.22	0.03	9.4227E-10
rs192747298	A	G	0.11	0.01	9.4271E-10
rs141204653	G	C	0.1	0.01	9.4364E-10
rs149746834	C	T	0.12	0.01	9.4365E-10
rs143530021	T	G	0.18	0.02	9.439E-10
rs138777457	C	T	0.06	0.0098486	9.4391E-10
rs114226881	G	T	0.13	0.02	9.4477E-10
rs192176056	A	C	0.12	0.02	9.4663E-10
rs114948797	A	G	0.04	0.0069994	9.477E-10
rs147326837	A	G	0.12	0.02	9.4779E-10
rs77945535	C	T	0.12	0.01	9.4813E-10
rs73104995	A	G	0.03	0.0054118	9.482E-10
rs529849507	A	G	0.02	0.0032872	9.4865E-10
rs112503081	G	A	0.04	0.0074354	9.4913E-10
rs77157493	C	G	0.12	0.01	9.4947E-10
rs77565430	A	G	0.11	0.01	9.4984E-10
rs139908825	C	G	0.04	0.0077143	9.5025E-10
rs113262010	T	C	0.12	0.01	9.5109E-10
rs149026862	T	C	0.1	0.01	9.5271E-10
rs73029115	T	G	0.04	0.0069798	9.5295E-10
rs138305506	T	C	0.15	0.02	9.5368E-10
rs576638173	T	C	0.04	0.0080557	9.5493E-10
rs142621198	C	T	0.12	0.02	9.5516E-10
rs113191344	A	G	0.14	0.02	9.5582E-10
rs114207640	T	A	0.04	0.0075108	9.5682E-10

rs77181860	G	T	0.15	0.02	9.5741E-10
rs200906865	T	C	0.07	0.01	9.5892E-10
rs4652416	G	A	0.06	0.01	9.5975E-10
rs113396170	G	C	0.12	0.01	9.6004E-10
rs116207104	T	C	0.12	0.01	9.6018E-10
rs3845975	G	C	0.12	0.01	9.6021E-10
rs544734065	C	G	0.06	0.01	9.6102E-10
rs558193289	T	C	0.22	0.03	9.6143E-10
rs142491996	C	T	0.12	0.01	9.6156E-10
rs150542025	G	A	0.12	0.01	9.6156E-10
rs114820454	G	C	0.14	0.02	9.6221E-10
rs111485390	A	C	0.12	0.02	9.6235E-10
rs142345464	T	A	0.04	0.0072536	9.6311E-10
rs368485226	C	T	0.05	0.0082233	9.6336E-10
rs140949723	C	A	3.93	0.64	9.6353E-10
rs144404337	A	G	0.03	0.0053381	9.6354E-10
rs148721259	A	G	0.15	0.02	9.6422E-10
rs149626675	C	G	0.15	0.02	9.6442E-10
rs183992532	T	C	0.12	0.01	9.6471E-10
rs143286039	A	C	0.18	0.02	9.6501E-10
rs149430452	A	G	0.1	0.01	9.6509E-10
rs116677209	A	G	0.12	0.01	9.6557E-10
rs61739238	C	T	0.06	0.01	9.6624E-10
rs377322350	A	C	0.11	0.01	9.6677E-10
rs144358296	G	A	0.16	0.02	9.6717E-10
rs533323618	T	C	0.18	0.03	9.6791E-10
rs75690448	A	G	0.12	0.02	9.6812E-10
rs186425728	C	G	0.15	0.02	9.6875E-10
rs746629265	A	G	0.02	0.0046472	9.6916E-10
rs116206365	C	T	0.12	0.01	9.692E-10
rs58991769	A	C	0.12	0.02	9.6938E-10
rs577238789	T	C	0.43	0.07	9.7041E-10
rs186027727	T	C	0.15	0.02	9.7088E-10
rs117794916	C	T	0.11	0.01	9.7108E-10
rs150744695	T	C	0.14	0.02	9.712E-10
rs139597717	A	G	0.04	0.0071944	9.716E-10
rs9425432	G	A	0.06	0.01	9.7213E-10
rs192259282	G	A	0.11	0.01	9.722E-10
rs138866849	C	T	0.61	0.1	9.7233E-10
rs73267393	T	G	0.06	0.01	9.726E-10
rs116269549	A	C	0.12	0.02	9.728E-10
rs373919366	A	G	0.06	0.01	9.744E-10
rs113477547	G	T	0.12	0.01	9.7541E-10
rs183442162	G	C	0.1	0.01	9.7594E-10
rs141625699	G	A	0.12	0.02	9.761E-10
rs149611766	G	A	0.12	0.01	9.7673E-10
rs76770485	A	G	0.09	0.01	9.7676E-10
rs9814564	T	C	0.12	0.01	9.7678E-10
rs77013349	A	G	0.12	0.02	9.7799E-10
rs557778305	G	A	0.15	0.02	9.78E-10
rs2227621	G	A	0.06	0.01	9.7826E-10
rs188671547	T	C	0.05	0.0096039	9.7848E-10
rs75802416	C	G	0.17	0.02	9.7922E-10
rs11261064	C	A	0.1	0.01	9.8298E-10
rs114114176	C	T	0.12	0.02	9.8361E-10
rs113061751	T	C	0.15	0.02	9.8381E-10
rs57121017	C	T	0.04	0.0069857	9.847E-10
rs184500245	A	G	0.1	0.01	9.8491E-10
rs181719076	T	C	0.22	0.03	9.8825E-10
rs117882875	C	T	0.13	0.02	9.884E-10
rs188383102	C	T	0.12	0.02	9.8873E-10

rs143938664	T	C	0.2	0.03	9.8889E-10
rs146988166	T	C	0.12	0.01	9.8969E-10
rs540569152	G	A	0.12	0.01	9.9009E-10
rs188867053	G	A	3.1	0.5	9.9028E-10
rs141303317	T	C	0.12	0.01	9.9148E-10
rs536176561	T	G	0.13	0.02	9.9281E-10
rs75834272	T	C	0.12	0.02	9.946E-10
rs7356685	A	G	1.29	0.21	9.9462E-10
rs137903748	A	T	0.11	0.01	9.9471E-10
rs9425769	C	G	0.06	0.01	9.9479E-10
rs540063999	A	G	0.13	0.02	9.9544E-10
rs74884064	A	G	0.11	0.01	9.9744E-10
rs118016902	T	A	0.12	0.02	9.9782E-10
rs7027332	T	G	0.12	0.01	9.9932E-10
rs188179355	T	C	0.06	0.01	9.9972E-10
rs185319563	C	A	0.12	0.02	1.0004E-09
rs151332883	C	T	0.2	0.03	1.0018E-09
rs545144903	G	A	0.12	0.02	1.0022E-09
rs111944520	T	C	0.04	0.0072981	1.003E-09
rs114953293	C	A	0.12	0.01	1.0033E-09
2:10102031_T_G	G	T	0.02	0.0040703	1.0036E-09
rs111946672	A	G	0.12	0.02	1.0036E-09
rs111585849	A	T	0.07	0.01	1.0039E-09
rs138551770	A	G	0.08	0.01	1.0043E-09
rs145582999	A	C	0.1	0.01	1.0056E-09
rs16925209	A	G	0.1	0.01	1.0056E-09
rs139270722	A	G	0.39	0.06	1.0057E-09
rs76308610	A	G	0.13	0.02	1.0073E-09
rs188703134	A	G	0.12	0.02	1.0082E-09
rs139244082	G	A	0.09	0.01	1.0093E-09
rs77817442	A	G	0.12	0.02	1.0093E-09
rs77546047	G	A	0.12	0.02	1.01E-09
rs141054320	C	A	0.13	0.02	1.0103E-09
rs111991118	T	C	0.12	0.01	1.0104E-09
rs113982604	A	G	0.12	0.01	1.0106E-09
1:117345043_G_A	A	G	0.02	0.0047953	1.0115E-09
rs73879271	T	G	0.06	0.01	1.0118E-09
rs80340731	C	G	0.09	0.01	1.012E-09
rs558158056	G	T	0.14	0.02	1.0121E-09
rs114497916	A	C	0.12	0.01	1.0125E-09
rs188394638	A	G	0.13	0.02	1.0141E-09
2:209589958_C_A	A	C	0.04	0.0069284	1.0145E-09
rs58901374	A	G	0.13	0.02	1.0146E-09
rs114629436	G	A	0.12	0.02	1.0151E-09
rs149874423	C	G	0.12	0.02	1.0154E-09
rs112489003	A	T	0.12	0.01	1.0154E-09
rs6678094	T	C	0.05	0.0093614	1.0155E-09
rs140487889	T	A	0.12	0.02	1.0156E-09
rs77989054	T	C	0.12	0.02	1.0157E-09
rs540283257	A	G	0.09	0.01	1.0159E-09
rs572415109	A	T	0.08	0.01	1.0164E-09
rs114233184	C	A	0.11	0.01	1.0165E-09
rs139330535	G	A	0.15	0.02	1.0167E-09
rs115270760	A	G	0.22	0.03	1.0174E-09
rs557596904	A	G	0.12	0.01	1.0183E-09
rs113267253	G	C	0.04	0.0073595	1.0186E-09
rs150863406	C	T	0.06	0.01	1.0186E-09
rs59165652	T	C	0.12	0.02	1.0187E-09
rs150495256	T	G	0.48	0.08	1.0188E-09
rs190872213	T	C	0.04	0.0081007	1.0201E-09
rs145670793	A	C	0.06	0.01	1.0203E-09

rs563207152	T	C	0.12	0.02	1.0203E-09
rs148947918	C	T	0.12	0.02	1.0207E-09
rs139864411	G	A	0.12	0.02	1.0211E-09
rs183463304	A	C	0.18	0.03	1.0226E-09
rs115046028	T	C	0.1	0.01	1.0231E-09
rs140174932	T	A	0.33	0.05	1.0234E-09
rs114300715	A	C	0.16	0.02	1.0244E-09
rs117143680	C	T	0.06	0.01	1.025E-09
rs190294822	T	C	0.14	0.02	1.0251E-09
rs146520821	A	G	0.12	0.02	1.0264E-09
rs60956435	G	C	0.12	0.01	1.0265E-09
rs114861868	C	T	0.49	0.08	1.0277E-09
rs117302127	G	A	0.12	0.02	1.0289E-09
rs114254631	G	A	0.12	0.02	1.0293E-09
rs143401019	A	G	0.12	0.01	1.0309E-09
8:39997323_C_T	T	C	0.02	0.0038726	1.031E-09
rs532484109	A	G	0.04	0.0067913	1.0319E-09
rs146328390	T	C	0.12	0.02	1.0323E-09
rs10267155	A	G	0.12	0.02	1.0329E-09
rs537859785	C	G	0.12	0.02	1.0332E-09
rs146438015	A	C	0.12	0.02	1.0343E-09
rs190683791	T	C	0.1	0.01	1.0346E-09
rs907207	T	C	0.1	0.01	1.0346E-09
rs532028587	T	C	0.12	0.01	1.035E-09
rs145110177	C	G	0.15	0.02	1.0356E-09
rs192427907	A	G	0.13	0.02	1.036E-09
rs138180890	G	T	0.06	0.01	1.0361E-09
rs114244148	T	C	0.11	0.01	1.0366E-09
rs1483764	A	G	0.12	0.01	1.0368E-09
rs115563260	T	A	0.07	0.01	1.0375E-09
rs112885084	T	C	0.13	0.02	1.0379E-09
rs190284820	G	T	0.16	0.02	1.0395E-09
rs145764760	C	A	0.04	0.0065765	1.0409E-09
rs78485323	T	G	0.12	0.01	1.0409E-09
rs143776003	T	C	0.04	0.0068696	1.041E-09
rs574352468	C	T	0.1	0.01	1.0418E-09
rs2231713	T	A	0.12	0.01	1.0419E-09
rs560974122	C	G	0.12	0.02	1.0423E-09
rs115574375	T	G	0.12	0.02	1.0426E-09
rs77809550	A	C	0.01	0.0028853	1.0432E-09
rs142828707	C	T	0.13	0.02	1.0434E-09
rs115270287	C	G	0.05	0.0098202	1.0434E-09
rs75357031	C	A	0.18	0.03	1.0439E-09
rs114656388	T	C	0.07	0.01	1.0445E-09
rs147807924	G	A	0.11	0.01	1.0449E-09
rs111525071	G	A	0.12	0.02	1.0455E-09
rs576769765	T	C	0.11	0.01	1.0467E-09
rs115500053	C	T	0.12	0.01	1.047E-09
rs368623093	A	G	0.21	0.03	1.0471E-09
rs114718981	G	A	0.09	0.01	1.0481E-09
rs568138793	T	A	0.11	0.01	1.0485E-09
rs187259457	C	T	0.12	0.02	1.0495E-09
rs146404735	C	G	0.13	0.02	1.0501E-09
rs367729112	T	C	0.07	0.01	1.0507E-09
rs17515351	G	A	0.06	0.01	1.0508E-09
rs75999715	T	C	0.05	0.0089401	1.0514E-09
rs115364295	A	G	0.12	0.02	1.0516E-09
rs375786242	G	C	0.13	0.02	1.0524E-09
rs185939145	A	G	0.12	0.01	1.0529E-09
rs573862726	T	C	0.12	0.01	1.0548E-09
rs190991636	G	T	0.16	0.02	1.0565E-09

rs138853877	T	C	0.12	0.01	1.0565E-09
rs78920430	T	C	0.12	0.01	1.0566E-09
rs115833413	A	T	0.12	0.02	1.0572E-09
rs574421391	T	C	0.01	0.0027798	1.0572E-09
rs114259767	T	C	0.12	0.02	1.0572E-09
rs187147344	A	G	0.12	0.02	1.0575E-09
rs78346935	A	G	0.12	0.02	1.0575E-09
rs115226636	G	A	0.07	0.01	1.0576E-09
rs145851124	G	A	0.1	0.01	1.0584E-09
rs137855480	A	G	0.11	0.01	1.0587E-09
rs192394164	A	C	0.12	0.01	1.0594E-09
rs142520941	T	A	0.1	0.01	1.0594E-09
rs185313148	A	G	0.11	0.01	1.0595E-09
rs113787810	C	A	0.12	0.01	1.0595E-09
rs114786149	A	G	0.12	0.02	1.0597E-09
rs149438214	G	A	0.12	0.01	1.0599E-09
rs58129369	G	T	0.11	0.01	1.0602E-09
rs73708571	T	C	0.04	0.0069935	1.0608E-09
rs73536840	A	T	0.15	0.02	1.0613E-09
rs111269752	T	C	0.15	0.02	1.0613E-09
3:19792956_T_C	C	T	0.05	0.0085478	1.0614E-09
rs116384983	T	C	0.06	0.01	1.0616E-09
rs188071003	A	C	0.12	0.02	1.0617E-09
rs78462030	T	C	0.12	0.01	1.0617E-09
rs3816134	C	T	0.12	0.02	1.0621E-09
rs79512093	T	C	0.31	0.05	1.0622E-09
rs181298964	G	A	0.09	0.01	1.0631E-09
rs935165	C	T	-0.09	0.01	1.0631E-09
rs114964628	C	T	0.1	0.01	1.0634E-09
rs188219406	C	A	0.1	0.01	1.0634E-09
rs10119553	A	C	0.04	0.0070266	1.0644E-09
rs76512731	T	C	0.12	0.02	1.0647E-09
rs533695982	T	C	0.11	0.01	1.0651E-09
rs10054426	A	G	0.11	0.01	1.0652E-09
rs74359598	C	G	0.03	0.0062315	1.0652E-09
rs754390719	C	T	0.03	0.0053286	1.0653E-09
rs73855350	C	A	0.12	0.02	1.0655E-09
rs115957936	A	G	0.15	0.02	1.0657E-09
rs76358939	G	T	0.12	0.02	1.0671E-09
rs114137007	C	G	0.02	0.0044837	1.0672E-09
9:18531220_C_A	A	C	0.02	0.0039582	1.0677E-09
rs555863613	C	T	0.24	0.04	1.0679E-09
rs575370014	G	A	0.12	0.02	1.0696E-09
rs142842728	G	A	0.12	0.02	1.0696E-09
rs78438619	G	C	0.12	0.02	1.07E-09
rs113131911	T	G	0.08	0.01	1.0715E-09
rs150011182	A	G	0.15	0.02	1.072E-09
rs78839059	A	C	0.12	0.02	1.0732E-09
rs181832824	A	T	0.23	0.03	1.0736E-09
rs577292709	T	C	0.12	0.02	1.074E-09
rs143640865	A	G	0.17	0.02	1.0745E-09
rs147569115	G	T	0.12	0.02	1.0745E-09
rs142925094	T	C	0.11	0.01	1.0747E-09
rs78942196	T	C	0.08	0.01	1.0754E-09
rs111982219	G	C	0.12	0.01	1.0761E-09
rs112779075	A	G	0.12	0.02	1.0769E-09
rs188575286	T	C	0.02	0.0043789	1.0774E-09
rs563600085	T	C	0.54	0.09	1.0776E-09
rs766789028	T	C	0.04	0.0070082	1.0778E-09
7:157791521_A_C	C	A	0.06	0.0098638	1.0779E-09
5:130251530_G_C	C	G	0.09	0.01	1.0785E-09



rs147646978	T	A	0.11	0.01	1.0801E-09
rs79545179	T	C	0.25	0.04	1.0805E-09
rs16903441	C	T	0.12	0.02	1.0814E-09
rs150419550	T	C	0.06	0.01	1.0819E-09
rs56004331	T	C	0.12	0.02	1.0829E-09
rs181148699	G	C	0.12	0.01	1.083E-09
rs560445573	C	T	0.13	0.02	1.0832E-09
rs190662311	C	A	0.12	0.02	1.0841E-09
rs56256418	A	G	0.12	0.02	1.0845E-09
2:240720929_C_G	G	C	0.03	0.005331	1.085E-09
rs142211188	T	C	0.12	0.02	1.0855E-09
rs79704977	A	G	0.12	0.01	1.0863E-09
rs114641323	G	A	0.12	0.02	1.0864E-09
rs151333853	A	C	0.04	0.0070126	1.0868E-09
rs185129967	C	G	0.12	0.01	1.087E-09
rs147974677	A	G	0.11	0.01	1.0891E-09
rs190264179	G	T	0.12	0.02	1.0904E-09
rs148115964	G	A	0.82	0.13	1.0905E-09
rs191116123	T	C	0.08	0.01	1.0914E-09
rs143025046	A	G	0.12	0.01	1.0918E-09
rs561542992	A	G	0.21	0.03	1.092E-09
rs151306761	T	C	0.12	0.02	1.0923E-09
rs376575857	T	A	0.08	0.01	1.0925E-09
rs114806462	A	C	0.12	0.02	1.0925E-09
rs140580137	A	G	0.04	0.0071883	1.0931E-09
rs79571361	G	T	0.12	0.02	1.0932E-09
rs16904819	C	T	0.12	0.02	1.0942E-09
rs142025262	G	A	0.12	0.02	1.0945E-09
rs533937911	G	C	0.02	0.003487	1.0952E-09
rs151275435	A	G	0.07	0.01	1.0956E-09
rs371928100	G	A	0.12	0.01	1.096E-09
rs114699295	C	A	0.1	0.01	1.0963E-09
rs140683243	C	G	0.05	0.0094969	1.0966E-09
rs150937650	A	C	0.12	0.02	1.0966E-09
rs539214263	T	C	0.12	0.02	1.0971E-09
rs16903449	A	T	0.12	0.02	1.0974E-09
rs182987217	G	A	0.01	0.0026522	1.0988E-09
rs181105169	T	A	0.05	0.0098276	1.0993E-09
rs117910982	G	A	0.12	0.02	1.0999E-09
rs73978704	C	A	0.14	0.02	1.1018E-09
rs575431201	T	C	0.08	0.01	1.102E-09
rs141773831	G	T	0.12	0.02	1.1032E-09
rs10020071	C	G	0.04	0.0070844	1.1036E-09
rs75189305	A	T	0.16	0.02	1.1037E-09
rs745341711	A	G	0.04	0.0070736	1.1045E-09
rs111744715	G	C	0.12	0.02	1.1052E-09
rs73334959	A	C	0.04	0.0074394	1.1052E-09
rs115830206	G	A	0.15	0.02	1.1068E-09
rs185059203	C	T	0.12	0.01	1.1075E-09
rs140970974	T	G	0.11	0.01	1.1081E-09
rs138364688	T	C	0.1	0.01	1.1082E-09
4:137480074_T_C	C	T	0.05	0.0094396	1.1082E-09
rs80190998	C	T	0.11	0.01	1.1084E-09
rs181646839	T	C	0.11	0.01	1.1087E-09
rs115224759	A	T	0.12	0.01	1.109E-09
rs184813548	C	T	0.12	0.02	1.1098E-09
rs148533302	A	G	0.46	0.07	1.1105E-09
rs144602496	T	G	0.12	0.01	1.1113E-09
rs552153964	T	C	0.12	0.02	1.1113E-09
rs113512576	A	C	0.11	0.01	1.1115E-09
rs147212650	A	G	0.62	0.1	1.112E-09

rs577366149	C	T	0.12	0.01	1.1124E-09
rs6921269	A	C	0.06	0.01	1.1134E-09
rs141316525	C	G	0.1	0.01	1.1135E-09
rs554496810	G	A	0.12	0.02	1.1141E-09
rs115493811	C	T	0.12	0.01	1.1141E-09
rs568395346	C	A	0.49	0.08	1.1166E-09
rs149431555	A	G	0.12	0.01	1.1166E-09
rs150968026	A	G	0.12	0.01	1.1169E-09
rs114313641	C	T	0.12	0.02	1.117E-09
rs78974717	G	C	0.1	0.01	1.1173E-09
rs533587927	T	G	0.17	0.02	1.118E-09
rs142139980	G	T	0.11	0.01	1.1189E-09
rs572304860	A	G	0.03	0.0060146	1.1195E-09
rs115762574	A	T	0.11	0.01	1.1198E-09
rs144686746	G	A	0.14	0.02	1.1201E-09
rs551401297	A	G	0.12	0.02	1.1206E-09
rs116526870	G	T	0.13	0.02	1.1207E-09
rs183849776	A	G	0.06	0.01	1.1216E-09
rs75956062	G	A	0.11	0.01	1.1217E-09
rs116011260	C	T	0.13	0.02	1.1222E-09
rs540042650	T	C	0.12	0.01	1.1222E-09
rs115553377	A	G	0.12	0.02	1.1227E-09
rs146236263	G	A	0.12	0.02	1.1227E-09
rs115731667	C	T	0.1	0.01	1.1235E-09
rs548669306	G	A	0.11	0.01	1.1236E-09
rs113246350	A	G	0.12	0.01	1.1248E-09
rs190280599	C	T	0.15	0.02	1.1249E-09
rs574001499	T	C	0.08	0.01	1.125E-09
rs182097146	A	G	0.12	0.01	1.1252E-09
rs376459196	C	T	0.12	0.02	1.129E-09
rs114209297	C	T	0.11	0.01	1.1313E-09
2:146529621_C_G	G	C	0.04	0.0070899	1.132E-09
rs139810810	T	C	0.18	0.02	1.1326E-09
rs116352750	G	A	0.09	0.01	1.1344E-09
rs146247575	T	C	0.12	0.02	1.1344E-09
rs150179808	C	T	0.15	0.02	1.1349E-09
rs112128872	G	T	0.11	0.01	1.1358E-09
rs185632052	C	T	0.11	0.01	1.1358E-09
rs145281873	A	C	0.12	0.02	1.1363E-09
rs181846670	C	G	0.13	0.02	1.1364E-09
rs73459424	G	A	0.12	0.02	1.1364E-09
rs761046991	C	A	0.05	0.0082505	1.1374E-09
rs192529152	C	G	0.06	0.01	1.139E-09
rs142803816	C	G	0.12	0.01	1.1391E-09
rs74411091	A	C	0.12	0.02	1.1399E-09
rs138540729	T	A	0.12	0.02	1.1416E-09
rs115470067	A	G	0.12	0.02	1.1416E-09
rs569624709	G	C	0.13	0.02	1.1426E-09
rs150356874	G	T	0.21	0.03	1.1427E-09
rs138245348	T	C	0.11	0.01	1.1441E-09
rs553203121	G	A	0.03	0.0056959	1.1443E-09
rs146894442	C	T	0.17	0.02	1.1444E-09
rs192574107	A	G	0.14	0.02	1.1447E-09
rs55887035	G	A	0.09	0.01	1.1447E-09
rs567460348	A	C	0.12	0.02	1.1455E-09
rs181940761	G	T	0.16	0.02	1.1461E-09
rs190689226	A	G	0.16	0.02	1.1461E-09
rs73965449	A	G	0.03	0.0059605	1.1464E-09
rs145031953	A	C	0.18	0.03	1.147E-09
rs73757451	T	C	0.06	0.01	1.1512E-09
7:22316234_G_A	A	G	0.07	0.01	1.153E-09

rs137997124	C	T	0.15	0.02	1.1544E-09
rs116074394	C	A	0.12	0.01	1.1544E-09
rs182682467	T	G	0.14	0.02	1.1548E-09
rs7536930	C	T	0.06	0.01	1.1561E-09
rs74549521	T	C	0.06	0.01	1.1578E-09
rs142017589	G	A	0.25	0.04	1.1581E-09
rs545357710	C	T	0.12	0.01	1.1585E-09
rs4380928	A	G	0.1	0.01	1.1601E-09
rs181008543	T	C	0.3	0.05	1.1604E-09
rs116239143	G	A	0.11	0.01	1.1606E-09
rs76482511	G	C	0.04	0.0067797	1.1606E-09
rs76048952	T	C	0.05	0.0084248	1.1611E-09
rs535840489	G	A	0.01	0.0021407	1.1613E-09
rs188689404	G	T	0.03	0.0062808	1.1614E-09
rs544681211	C	T	0.03	0.0056731	1.1615E-09
rs549738790	G	T	0.11	0.01	1.1616E-09
rs4650988	G	A	0.06	0.01	1.1623E-09
rs184406400	T	C	0.02	0.0042702	1.1629E-09
rs139344044	T	C	0.16	0.02	1.1635E-09
rs142233693	A	G	0.11	0.01	1.1635E-09
rs192761818	C	T	0.12	0.02	1.164E-09
rs755691625	T	C	0.04	0.0070245	1.1648E-09
rs527244130	G	A	0.12	0.02	1.1654E-09
rs145901717	T	C	0.23	0.03	1.1657E-09
rs141389114	A	G	0.12	0.02	1.1663E-09
rs372783249	G	C	0.24	0.04	1.1667E-09
rs187231822	A	G	0.12	0.02	1.1669E-09
rs141869503	G	T	0.14	0.02	1.1669E-09
rs9425429	A	G	0.06	0.01	1.1674E-09
rs75837047	T	C	0.11	0.01	1.1677E-09
rs143226123	T	C	0.06	0.01	1.168E-09
rs114168451	G	C	0.14	0.02	1.1682E-09
rs149773050	A	G	0.12	0.02	1.1698E-09
rs540418924	A	G	0.12	0.02	1.1708E-09
rs181897374	G	T	0.12	0.01	1.171E-09
rs115407930	A	G	0.14	0.02	1.1722E-09
rs149869886	T	C	0.12	0.02	1.1722E-09
rs761997112	T	C	0.05	0.0095936	1.1724E-09
rs144139597	A	G	0.12	0.01	1.1736E-09
rs757720694	T	C	0.01	0.0026469	1.1742E-09
rs532006521	T	C	0.14	0.02	1.1751E-09
rs16873630	C	T	0.12	0.02	1.1756E-09
rs571935590	A	C	0.12	0.01	1.1756E-09
rs192991193	T	C	0.23	0.03	1.1759E-09
rs142736879	T	C	0.06	0.0099829	1.176E-09
rs146375392	T	C	0.18	0.02	1.1763E-09
rs75701785	T	G	0.1	0.01	1.1783E-09
rs145365586	T	A	0.15	0.02	1.1788E-09
rs9425767	C	T	0.06	0.01	1.1794E-09
rs142186815	G	A	0.13	0.02	1.1801E-09
rs116090431	G	A	0.04	0.0080506	1.1807E-09
rs142337700	T	C	0.12	0.02	1.181E-09
rs112018652	A	G	0.11	0.01	1.1813E-09
rs145019453	G	T	0.12	0.02	1.1819E-09
rs539526051	G	A	0.06	0.01	1.1838E-09
rs150345234	G	C	0.12	0.01	1.1846E-09
rs138706979	G	A	0.11	0.01	1.185E-09
rs77287897	T	A	0.12	0.02	1.185E-09
rs187864821	A	G	0.13	0.02	1.1852E-09
rs560531765	A	G	0.04	0.0076749	1.1853E-09
rs148292076	A	G	0.18	0.02	1.1855E-09

rs141226002	A	G	0.18	0.03	1.1856E-09
rs147832649	G	A	0.16	0.02	1.1859E-09
rs148645169	A	T	0.12	0.02	1.1868E-09
rs587662926	C	T	0.13	0.02	1.1872E-09
rs116041017	A	C	0.05	0.0085029	1.1875E-09
rs114581322	A	G	0.15	0.02	1.188E-09
rs148261359	G	T	0.11	0.01	1.1883E-09
rs79810621	T	A	0.12	0.02	1.189E-09
rs533879432	C	T	0.03	0.0052107	1.1893E-09
rs115740509	C	A	0.12	0.02	1.1915E-09
rs555685872	C	T	0.12	0.01	1.1918E-09
rs188034464	T	G	0.29	0.04	1.1918E-09
rs142455903	T	C	0.14	0.02	1.1923E-09
rs141361689	A	C	0.06	0.01	1.1926E-09
rs144951026	A	G	0.12	0.01	1.1929E-09
rs183981855	A	G	0.11	0.01	1.193E-09
rs116071793	T	G	0.06	0.01	1.1934E-09
rs184225332	A	T	0.03	0.0050025	1.1941E-09
rs111771902	T	A	0.13	0.02	1.1948E-09
rs116335463	A	C	0.06	0.01	1.1955E-09
rs114003482	T	C	0.17	0.02	1.1961E-09
rs138382753	C	T	0.12	0.02	1.1975E-09
rs9425739	T	C	0.06	0.01	1.1985E-09
rs561424390	A	G	0.06	0.01	1.1995E-09
rs139843400	G	A	0.12	0.01	1.2003E-09
rs143745598	T	C	0.04	0.0066782	1.2005E-09
rs151145945	C	G	0.31	0.05	1.2005E-09
rs139086737	G	T	0.13	0.02	1.2016E-09
rs72946703	T	G	0.12	0.01	1.2023E-09
rs114879270	G	A	0.1	0.01	1.2025E-09
rs138442003	G	A	0.1	0.01	1.2026E-09
rs115912787	G	A	0.06	0.01	1.2027E-09
rs78710496	G	A	0.06	0.01	1.2028E-09
rs78833643	G	A	0.12	0.02	1.2028E-09
rs146033836	G	C	0.12	0.02	1.2035E-09
rs148265740	G	A	0.16	0.02	1.2038E-09
rs140518948	G	A	0.06	0.01	1.204E-09
rs116004896	A	G	0.13	0.02	1.2046E-09
rs59665699	G	T	0.06	0.01	1.2053E-09
rs61322562	C	A	0.12	0.02	1.206E-09
rs141917359	C	T	0.12	0.01	1.2066E-09
rs142319667	G	A	0.06	0.01	1.2075E-09
rs76847865	C	G	0.06	0.01	1.2088E-09
rs117971302	T	G	0.12	0.01	1.2096E-09
rs9425743	C	T	0.06	0.01	1.21E-09
rs79661332	T	C	0.11	0.01	1.2114E-09
rs9425417	T	C	0.06	0.01	1.2118E-09
rs145364889	A	G	0.06	0.01	1.2137E-09
rs188696124	A	G	0.65	0.1	1.2141E-09
rs7349122	A	C	0.06	0.01	1.2147E-09
rs9425737	G	C	0.06	0.01	1.2147E-09
rs114699570	T	C	0.12	0.02	1.215E-09
rs9425744	A	C	0.06	0.01	1.2164E-09
rs114672823	A	G	0.11	0.01	1.2165E-09
rs115819118	G	A	1.01	0.16	1.2169E-09
rs73679266	T	C	0.12	0.01	1.217E-09
rs190696638	T	G	0.28	0.04	1.2178E-09
rs116701548	A	G	0.23	0.03	1.2179E-09
rs540953488	G	C	0.12	0.02	1.2193E-09
rs537158148	T	C	0.04	0.0070814	1.2208E-09
rs145106632	T	A	0.18	0.03	1.2212E-09

rs544308292	T	C	0.04	0.0068327	1.2227E-09
rs145622897	C	T	0.06	0.01	1.2228E-09
rs115693600	C	T	0.24	0.04	1.2231E-09
rs115063111	G	A	0.12	0.02	1.2234E-09
rs146166047	T	C	0.12	0.01	1.224E-09
rs57030241	T	C	0.12	0.01	1.2247E-09
rs115296385	A	G	0.11	0.01	1.2262E-09
rs148329587	A	T	0.03	0.0064206	1.2268E-09
rs9425732	A	G	0.06	0.01	1.2276E-09
rs9425412	A	G	0.06	0.01	1.2276E-09
rs144589076	A	G	0.23	0.03	1.2295E-09
rs140445261	C	T	0.1	0.01	1.2296E-09
rs12239406	T	G	0.06	0.01	1.2298E-09
1:1038190_A_G	G	A	0.03	0.0065233	1.2303E-09
rs114730401	T	C	0.08	0.01	1.2322E-09
rs114181845	T	C	0.09	0.01	1.2324E-09
rs80034197	A	G	0.04	0.0068987	1.2328E-09
rs114627963	A	G	0.13	0.02	1.234E-09
rs6425252	C	A	0.06	0.01	1.2357E-09
rs184843439	A	C	0.12	0.02	1.2358E-09
rs146694895	T	C	0.19	0.03	1.236E-09
rs147713343	T	C	0.2	0.03	1.2366E-09
rs188012272	G	T	0.04	0.0067036	1.2368E-09
rs115742027	C	T	0.04	0.0080957	1.2377E-09
rs138964302	G	A	0.11	0.01	1.2378E-09
rs73805501	G	C	0.11	0.01	1.2399E-09
rs138849938	G	A	0.12	0.01	1.2399E-09
rs13376339	T	C	0.06	0.01	1.24E-09
rs116099737	G	A	0.06	0.01	1.2403E-09
rs144713277	C	T	0.12	0.01	1.2412E-09
rs147885248	C	G	0.11	0.01	1.2412E-09
rs150773277	T	G	0.13	0.02	1.2413E-09
rs528449718	A	T	0.11	0.01	1.2415E-09
rs116592778	G	A	0.12	0.01	1.2421E-09
rs149379963	C	G	0.2	0.03	1.2426E-09
rs148938661	G	A	0.14	0.02	1.2446E-09
rs140346189	A	T	0.12	0.02	1.2454E-09
rs150389350	C	T	0.12	0.02	1.2459E-09
rs143447417	A	G	0.12	0.01	1.2472E-09
rs186330897	A	T	0.06	0.01	1.2481E-09
rs150776244	C	T	0.11	0.01	1.2491E-09
rs76728788	T	C	0.12	0.01	1.2491E-09
rs556359838	G	A	0.16	0.02	1.2507E-09
rs183784977	C	T	0.11	0.01	1.2513E-09
rs140990531	G	T	0.07	0.01	1.2514E-09
rs74854432	G	A	0.12	0.01	1.2519E-09
rs528636184	A	T	0.12	0.01	1.2519E-09
rs546573399	T	A	0.11	0.01	1.2521E-09
rs11804373	G	A	0.12	0.01	1.2527E-09
rs75748482	A	G	0.12	0.02	1.2529E-09
rs564995943	T	C	0.12	0.02	1.2538E-09
rs116209558	T	C	0.06	0.01	1.2539E-09
rs79691187	T	G	0.12	0.02	1.2545E-09
7:107567763_T_C	C	T	0.04	0.0070572	1.2545E-09
rs551383309	T	C	0.22	0.03	1.2551E-09
rs114261880	T	G	0.12	0.02	1.2557E-09
rs73019062	T	A	0.11	0.01	1.2558E-09
rs114663372	G	A	0.12	0.01	1.2563E-09
rs559500070	A	T	0.06	0.01	1.2573E-09
rs114585232	C	T	0.08	0.01	1.258E-09
rs115365207	C	T	0.12	0.01	1.258E-09

rs186533573	C	T	0.22	0.03	1.2612E-09
rs73029147	A	T	0.04	0.0069435	1.2614E-09
rs148054591	A	G	0.12	0.01	1.2641E-09
rs76619950	T	A	0.12	0.01	1.2646E-09
rs143048754	G	A	0.09	0.01	1.2654E-09
rs145453972	C	A	0.11	0.01	1.2662E-09
rs74363776	C	A	0.11	0.01	1.2666E-09
9:91848151_A_G	G	A	0.09	0.01	1.2705E-09
rs74938110	G	A	0.11	0.01	1.2719E-09
rs183061984	A	G	0.12	0.01	1.2725E-09
rs13354136	T	G	0.11	0.01	1.2728E-09
rs567712398	C	A	0.13	0.02	1.2738E-09
rs77443539	G	A	0.12	0.02	1.2741E-09
rs536176004	A	G	0.13	0.02	1.2742E-09
rs563482136	T	A	0.22	0.03	1.2745E-09
rs1371742	T	A	0.07	0.01	1.2751E-09
rs17679009	A	G	0.12	0.01	1.2752E-09
rs760266612	A	C	0.02	0.0035666	1.2766E-09
rs571651985	T	G	0.11	0.01	1.2769E-09
1:105081373_C_T	T	C	0.03	0.0051326	1.2774E-09
rs573379524	G	C	0.03	0.0053317	1.2775E-09
rs374486722	G	A	0.06	0.01	1.2783E-09
rs117023794	T	C	0.06	0.01	1.2797E-09
rs543494303	G	A	0.11	0.01	1.2804E-09
rs530129350	A	G	0.13	0.02	1.281E-09
rs550786163	T	C	0.13	0.02	1.2814E-09
rs376842833	G	A	0.13	0.02	1.2815E-09
rs144089978	G	A	0.11	0.01	1.2824E-09
rs557369294	A	G	0.14	0.02	1.2833E-09
rs182260423	T	G	0.16	0.02	1.2839E-09
rs140757213	G	C	0.12	0.01	1.2855E-09
rs116408240	A	T	0.12	0.02	1.2869E-09
rs56154905	A	C	0.06	0.01	1.287E-09
rs77844453	T	C	0.11	0.01	1.2889E-09
rs113940563	C	A	0.07	0.01	1.2904E-09
rs561810264	T	A	0.11	0.01	1.291E-09
rs17150446	T	A	0.06	0.01	1.2952E-09
rs192524322	T	A	0.11	0.01	1.2954E-09
rs149262397	T	C	0.11	0.01	1.296E-09
rs115253821	T	C	0.11	0.01	1.2968E-09
rs140795989	C	G	0.11	0.01	1.2982E-09
rs546336842	G	A	0.13	0.02	1.2993E-09
rs75029958	A	G	0.07	0.01	1.3017E-09
rs141411374	C	T	0.12	0.01	1.3018E-09
rs73936869	A	C	0.42	0.07	1.303E-09
rs143724692	A	G	0.11	0.01	1.3035E-09
rs530993773	C	A	0.12	0.02	1.3037E-09
rs140324668	G	A	0.04	0.0070366	1.3049E-09
rs116980504	A	G	0.13	0.02	1.3051E-09
rs10429919	C	T	0.06	0.01	1.3061E-09
rs541381761	G	T	0.12	0.02	1.3062E-09
rs116155346	C	G	0.12	0.01	1.3067E-09
rs114646800	T	C	0.2	0.03	1.3068E-09
rs148182478	C	T	0.11	0.01	1.3075E-09
rs564935282	A	G	0.15	0.02	1.3089E-09
rs188003804	T	A	0.12	0.01	1.3091E-09
rs144963201	T	C	0.11	0.01	1.3093E-09
rs115456546	T	C	0.12	0.02	1.3104E-09
rs77460474	A	C	0.15	0.02	1.311E-09
rs528783473	A	G	0.26	0.04	1.3113E-09
rs141774359	T	C	0.11	0.01	1.3117E-09

rs376346693	G	A	0.12	0.02	1.3118E-09
rs143122112	T	C	0.14	0.02	1.312E-09
rs115194554	T	C	0.12	0.02	1.3123E-09
rs59333924	T	C	0.12	0.01	1.3123E-09
rs147640558	C	T	0.15	0.02	1.3128E-09
rs146678708	T	A	0.11	0.01	1.3128E-09
rs188624345	A	C	0.11	0.01	1.3137E-09
rs77919003	G	A	0.04	0.0078576	1.3164E-09
rs115916877	G	T	0.12	0.02	1.3165E-09
rs114059824	C	T	0.12	0.02	1.317E-09
rs570087061	A	G	0.11	0.01	1.3177E-09
rs746754689	T	C	0.03	0.0052268	1.3188E-09
rs114640061	C	T	0.11	0.01	1.3197E-09
rs77809400	A	G	0.15	0.02	1.3208E-09
rs192622158	C	T	0.06	0.01	1.3212E-09
rs116649178	T	C	0.11	0.01	1.3212E-09
rs73805502	T	A	0.11	0.01	1.3221E-09
rs771714646	A	G	0.03	0.0053514	1.3232E-09
rs138212111	C	G	0.08	0.01	1.3253E-09
rs562644905	C	T	0.03	0.006404	1.3254E-09
rs147047351	T	C	0.12	0.01	1.3262E-09
rs114562692	T	G	0.11	0.01	1.3263E-09
rs551281515	A	G	0.85	0.14	1.3289E-09
rs142881198	C	G	0.12	0.01	1.3289E-09
rs112172570	T	C	0.09	0.01	1.329E-09
rs76027897	T	C	0.12	0.02	1.3294E-09
rs528664658	G	A	0.12	0.01	1.3301E-09
rs187628755	C	T	0.11	0.01	1.3317E-09
rs56377926	C	G	0.06	0.01	1.3319E-09
rs113997811	T	C	0.08	0.01	1.3319E-09
rs114448500	T	C	0.07	0.01	1.3327E-09
rs74595643	A	G	0.11	0.01	1.3328E-09
rs188462565	A	G	0.04	0.0075446	1.3335E-09
rs146349548	G	A	0.44	0.07	1.3341E-09
rs73669025	G	C	0.07	0.01	1.3348E-09
rs550439177	C	T	0.06	0.01	1.3352E-09
7:10934092_C_T	T	C	0.07	0.01	1.3354E-09
rs76062733	C	G	0.1	0.01	1.3357E-09
rs186391961	A	G	0.04	0.0070836	1.3359E-09
rs16845175	C	T	0.04	0.006739	1.3382E-09
rs539083395	A	G	0.04	0.0069908	1.3388E-09
rs573349198	G	A	0.12	0.02	1.3404E-09
rs560920116	A	G	0.18	0.03	1.3406E-09
rs74711915	C	T	0.09	0.01	1.3409E-09
rs539863615	C	A	0.11	0.01	1.3412E-09
rs79443374	A	G	0.13	0.02	1.3413E-09
rs147755464	T	C	0.16	0.02	1.3416E-09
rs537151553	A	G	0.12	0.02	1.3423E-09
rs537439390	T	C	0.02	0.0042609	1.3426E-09
rs115812665	C	T	0.11	0.01	1.3432E-09
rs143927003	G	A	0.11	0.01	1.344E-09
rs60649045	T	C	0.1	0.01	1.3444E-09
rs540519497	T	C	0.11	0.01	1.3454E-09
rs10159349	C	A	0.06	0.01	1.3455E-09
rs16903446	G	A	0.12	0.02	1.3466E-09
rs139316791	G	A	0.13	0.02	1.3467E-09
rs373400339	C	A	0.13	0.02	1.3491E-09
rs141368810	G	A	0.1	0.01	1.3495E-09
9:9553925_C_G	G	C	0.05	0.0092899	1.3501E-09
rs562921000	C	T	0.01	0.0027872	1.3502E-09
rs570352095	T	C	0.22	0.03	1.3504E-09

rs188346306	G	A	0.07	0.01	1.3509E-09
rs118175412	A	C	0.12	0.02	1.352E-09
rs114751378	A	G	0.12	0.01	1.3526E-09
rs143986083	C	G	0.12	0.01	1.3545E-09
rs115556749	A	G	0.12	0.01	1.3546E-09
rs75867842	G	C	0.13	0.02	1.3549E-09
rs559679467	A	G	0.12	0.01	1.3571E-09
rs540948634	A	C	0.11	0.01	1.3587E-09
rs574307	C	T	-0.11	0.01	1.3587E-09
rs7033622	T	C	0.12	0.02	1.3597E-09
rs112022508	G	A	0.11	0.01	1.3605E-09
rs143409009	T	C	0.94	0.15	1.3608E-09
rs545387489	C	T	0.11	0.01	1.3615E-09
rs10158274	T	C	0.06	0.01	1.3628E-09
rs368479705	T	A	0.12	0.01	1.3628E-09
rs60258880	G	C	0.06	0.01	1.3638E-09
rs575001671	C	A	0.09	0.01	1.3669E-09
rs115020559	T	C	0.03	0.0063695	1.3676E-09
rs113756793	T	C	0.12	0.02	1.3679E-09
rs116489053	C	T	0.11	0.01	1.368E-09
rs57297341	G	A	0.06	0.01	1.3696E-09
rs116769614	G	A	0.08	0.01	1.3703E-09
rs2979024	T	C	0.11	0.01	1.3707E-09
rs149738303	G	C	0.14	0.02	1.3718E-09
rs115977483	T	C	0.11	0.01	1.3721E-09
rs139325253	T	C	0.12	0.01	1.374E-09
rs78602780	G	A	0.12	0.02	1.3749E-09
rs148988705	A	G	0.12	0.01	1.3753E-09
rs150186654	T	G	0.12	0.02	1.3753E-09
rs73879512	A	C	0.06	0.01	1.3755E-09
rs75754838	T	C	0.03	0.0065028	1.376E-09
rs76846126	T	G	0.04	0.0069008	1.3763E-09
rs773816428	G	A	0.04	0.0067253	1.3778E-09
rs55928322	T	A	0.06	0.01	1.3797E-09
rs182721892	G	T	0.11	0.01	1.3799E-09
rs114648831	T	A	0.42	0.06	1.3806E-09
rs149383304	G	T	0.16	0.02	1.3811E-09
rs368590388	C	A	0.12	0.02	1.3827E-09
rs80351641	T	C	0.05	0.0088188	1.3835E-09
rs144295421	A	C	0.12	0.02	1.3838E-09
rs147327445	A	G	0.12	0.01	1.3845E-09
rs146789077	C	T	0.13	0.02	1.3854E-09
rs112641196	C	T	0.15	0.02	1.3857E-09
rs142344719	A	C	0.12	0.02	1.3858E-09
rs562872433	T	A	0.28	0.04	1.3869E-09
rs149926841	C	A	0.12	0.01	1.387E-09
rs577290775	G	C	0.16	0.02	1.3886E-09
rs115085781	G	A	0.12	0.02	1.3888E-09
rs115221670	T	C	0.17	0.02	1.3888E-09
rs116767382	C	T	0.11	0.01	1.3901E-09
rs560378599	T	A	0.06	0.01	1.3904E-09
rs147752477	G	A	0.13	0.02	1.3905E-09
rs139940287	G	A	0.12	0.02	1.3908E-09
rs151246927	T	A	0.13	0.02	1.3915E-09
rs149168889	C	G	0.26	0.04	1.392E-09
rs12083535	A	G	0.06	0.01	1.3922E-09
1:223122331_T_C	C	T	0.12	0.02	1.3947E-09
rs542993751	T	C	0.12	0.02	1.395E-09
rs191012745	A	G	0.24	0.03	1.3965E-09
rs138446825	C	A	0.07	0.01	1.3969E-09
rs181964116	C	T	0.05	0.0083664	1.3974E-09



rs78344159	A	G	0.03	0.0051344	1.3978E-09
rs73538935	C	T	0.14	0.02	1.3981E-09
rs139826675	A	G	0.24	0.04	1.3984E-09
rs79651860	T	C	0.14	0.02	1.3987E-09
rs147589109	T	A	0.08	0.01	1.3988E-09
rs577270402	C	T	0.03	0.0056095	1.399E-09
rs79972520	T	G	0.11	0.01	1.3992E-09
rs371327067	C	T	0.04	0.0075713	1.4005E-09
rs149070489	G	A	0.06	0.01	1.4008E-09
rs141486376	C	T	0.07	0.01	1.4019E-09
rs60124403	G	C	0.04	0.0069207	1.4028E-09
rs75386653	C	G	0.11	0.01	1.4038E-09
rs139800223	G	A	0.22	0.03	1.4055E-09
rs74827919	T	C	0.08	0.01	1.4064E-09
rs78562157	C	T	0.11	0.01	1.4068E-09
rs560551176	T	C	1.14	0.18	1.4071E-09
rs140634308	G	C	0.12	0.02	1.4072E-09
rs550484006	G	A	0.12	0.01	1.4072E-09
rs542623189	G	T	0.12	0.02	1.4087E-09
rs113039882	A	T	0.12	0.01	1.4093E-09
rs10116126	C	T	0.18	0.03	1.4103E-09
rs536190079	A	C	0.29	0.04	1.4125E-09
rs566811621	A	G	0.29	0.04	1.4125E-09
rs187413679	A	G	0.11	0.01	1.4134E-09
rs113204205	G	A	0.12	0.02	1.4139E-09
rs151288931	A	G	0.12	0.01	1.4147E-09
rs79205788	C	T	0.19	0.03	1.4167E-09
rs114574813	A	G	0.11	0.01	1.4193E-09
rs563459670	A	G	0.12	0.01	1.4193E-09
rs116825218	G	A	0.09	0.01	1.4205E-09
rs185159794	T	G	0.12	0.02	1.4218E-09
rs200537324	G	A	2.07	0.34	1.4242E-09
rs184719737	G	T	2.07	0.34	1.4242E-09
rs34750150	G	A	0.19	0.03	1.4247E-09
rs76058982	C	A	0.08	0.01	1.4251E-09
rs79523132	C	T	0.12	0.02	1.4252E-09
rs576964759	A	G	0.11	0.01	1.428E-09
rs111441134	A	G	0.11	0.01	1.4286E-09
rs148902296	A	G	2.54	0.42	1.4286E-09
rs146806325	C	T	0.12	0.01	1.4288E-09
rs149037033	T	A	0.06	0.01	1.43E-09
rs7746306	C	A	0.11	0.01	1.4302E-09
rs182697706	C	T	0.07	0.01	1.4307E-09
rs147187882	C	T	0.05	0.0090181	1.4309E-09
rs184509913	A	G	0.07	0.01	1.433E-09
rs149389495	A	G	0.11	0.01	1.4332E-09
rs560163305	A	C	0.04	0.0070632	1.4336E-09
rs373809125	A	G	0.12	0.02	1.4353E-09
rs139060297	T	G	0.11	0.01	1.4367E-09
rs73029129	A	G	0.04	0.0069077	1.4374E-09
rs138865874	G	T	0.16	0.02	1.4394E-09
rs116479446	C	G	0.17	0.02	1.442E-09
rs143613553	T	G	0.12	0.02	1.4422E-09
rs115056318	C	T	0.12	0.02	1.4432E-09
rs139091241	C	T	0.11	0.01	1.4438E-09
rs115606043	G	T	0.11	0.01	1.4467E-09
rs143787377	A	G	0.12	0.02	1.4468E-09
rs78449649	A	C	0.07	0.01	1.4489E-09
rs78756507	C	T	0.24	0.03	1.4498E-09
rs185835559	T	C	0.12	0.02	1.4508E-09
rs576697221	A	G	0.11	0.01	1.451E-09

rs574828052	G	A	0.12	0.02	1.4518E-09
rs184930024	T	C	0.11	0.01	1.4533E-09
rs142808816	T	C	0.13	0.02	1.4536E-09
rs79863157	A	G	0.18	0.03	1.4537E-09
rs537054288	A	C	0.05	0.0099029	1.454E-09
2:137723362_C_T	T	C	0.04	0.0066645	1.455E-09
rs146053026	T	A	0.23	0.03	1.455E-09
rs114285216	T	A	0.12	0.02	1.4551E-09
rs140666734	A	G	0.15	0.02	1.4556E-09
rs60441763	T	C	0.04	0.0069156	1.456E-09
rs191642929	G	A	0.03	0.0060405	1.4573E-09
rs59284002	A	C	0.12	0.02	1.4574E-09
rs116893191	A	G	0.06	0.01	1.4575E-09
rs74950214	C	T	0.08	0.01	1.4577E-09
rs370693065	A	G	0.12	0.02	1.4585E-09
rs548599839	G	A	0.2	0.03	1.4592E-09
rs143736734	T	A	0.06	0.01	1.4597E-09
rs116040161	C	T	0.11	0.01	1.4616E-09
rs139497162	G	A	0.11	0.01	1.4619E-09
rs767386622	T	G	0.03	0.0051785	1.462E-09
rs76829239	T	C	0.04	0.006996	1.4622E-09
rs187427625	A	G	0.07	0.01	1.4628E-09
rs569311580	G	T	0.11	0.01	1.4629E-09
rs151199528	T	C	0.12	0.02	1.4642E-09
rs148414206	T	G	0.12	0.02	1.4655E-09
rs536168987	T	C	0.03	0.0052764	1.4657E-09
rs115342065	T	C	0.11	0.01	1.4658E-09
rs60166373	A	G	0.88	0.14	1.4662E-09
rs542090693	G	A	0.07	0.01	1.4686E-09
rs145585067	T	C	0.11	0.01	1.4689E-09
rs75858504	A	G	0.11	0.01	1.4725E-09
rs758131070	T	C	0.03	0.0052686	1.4745E-09
rs72993672	A	C	0.11	0.01	1.4747E-09
rs114409511	T	C	0.12	0.01	1.4753E-09
rs546077523	A	T	0.09	0.01	1.4756E-09
rs79835495	A	G	0.06	0.01	1.4757E-09
rs74474386	C	T	0.08	0.01	1.4763E-09
rs372673304	T	G	0.12	0.02	1.4763E-09
rs7037425	C	G	0.23	0.03	1.4783E-09
rs553935177	C	T	0.43	0.07	1.4802E-09
rs13423764	T	C	0.06	0.01	1.4827E-09
rs181123968	C	G	0.11	0.01	1.4832E-09
rs148983991	C	G	0.11	0.01	1.4839E-09
rs140439328	T	C	0.11	0.01	1.4843E-09
rs140050340	G	T	0.06	0.01	1.4848E-09
rs182887966	T	A	0.12	0.01	1.4851E-09
rs77084890	A	G	0.06	0.01	1.4854E-09
rs190112064	A	C	0.11	0.01	1.4858E-09
rs181324950	A	G	0.03	0.0054324	1.4862E-09
rs111708988	T	A	0.12	0.02	1.4879E-09
rs191897296	C	A	0.13	0.02	1.4889E-09
rs61206995	A	C	0.06	0.01	1.4891E-09
rs563437004	A	G	0.12	0.02	1.4903E-09
rs74329976	A	G	0.07	0.01	1.4916E-09
rs10973866	A	C	0.11	0.01	1.492E-09
rs144917500	C	T	0.1	0.01	1.4923E-09
rs184819305	C	T	0.13	0.02	1.4934E-09
rs78132689	T	C	0.2	0.03	1.4947E-09
rs536120165	A	G	0.12	0.02	1.4947E-09
rs115916832	T	G	0.25	0.04	1.4954E-09
rs187703752	C	T	0.11	0.01	1.497E-09

rs768660946	A	T	0.02	0.0036362	1.4971E-09
rs73206904	G	A	0.12	0.02	1.4983E-09
rs114489699	C	G	0.16	0.02	1.4983E-09
rs115778043	A	G	0.06	0.01	1.4995E-09
rs554953350	A	T	0.1	0.01	1.5004E-09
rs142238534	G	A	0.14	0.02	1.5019E-09
rs377447820	T	G	0.1	0.01	1.5022E-09
rs116687770	C	G	0.12	0.01	1.5029E-09
rs114964380	T	A	0.1	0.01	1.504E-09
rs146184708	G	A	0.11	0.01	1.5054E-09
rs79876898	G	A	0.06	0.01	1.5055E-09
rs116378021	T	C	0.12	0.01	1.5058E-09
rs77780934	C	A	0.11	0.01	1.507E-09
rs139786548	A	G	0.12	0.02	1.5072E-09
rs189883524	A	G	0.11	0.01	1.5075E-09
rs13353004	C	T	0.06	0.009989	1.5086E-09
rs115976177	A	G	0.06	0.009989	1.5086E-09
rs145098269	A	G	0.12	0.02	1.5091E-09
rs114853725	A	G	0.06	0.009989	1.5097E-09
rs138738994	C	G	0.14	0.02	1.5097E-09
rs142543838	T	C	0.06	0.0099887	1.5105E-09
rs115317602	T	G	0.07	0.01	1.5121E-09
rs145541930	G	A	0.11	0.01	1.5128E-09
rs150021042	G	A	0.06	0.0099881	1.5129E-09
rs139767997	G	A	0.11	0.01	1.513E-09
rs79514579	C	G	0.12	0.02	1.5137E-09
rs114724434	G	A	0.12	0.02	1.5153E-09
rs546786907	T	C	0.11	0.01	1.5166E-09
rs192278679	G	A	0.12	0.01	1.5167E-09
rs143769606	A	C	0.11	0.01	1.5172E-09
rs149228089	C	G	0.06	0.0099871	1.5182E-09
rs60487570	T	C	0.12	0.02	1.5187E-09
rs117883175	A	T	0.03	0.0055901	1.5214E-09
rs114604789	G	A	0.12	0.02	1.5242E-09
rs185723822	T	A	0.12	0.02	1.5252E-09
rs188451802	T	A	0.12	0.02	1.5274E-09
rs73861706	G	C	0.06	0.01	1.5276E-09
rs149805880	A	T	0.11	0.01	1.5283E-09
rs114434048	T	C	0.08	0.01	1.5284E-09
rs7779046	C	G	0.06	0.01	1.5284E-09
rs182964372	A	G	0.2	0.03	1.5287E-09
rs149604186	G	A	0.17	0.02	1.53E-09
rs563472322	A	G	0.11	0.01	1.53E-09
rs114323092	A	C	0.06	0.009988	1.5301E-09
rs73948603	G	T	0.22	0.03	1.5306E-09
rs147969198	C	A	0.01	0.0024702	1.5312E-09
rs577318210	T	C	0.11	0.01	1.5312E-09
rs17550346	A	T	0.06	0.01	1.5319E-09
rs115932922	C	T	0.06	0.0099869	1.5322E-09
rs147956258	A	G	0.44	0.07	1.5324E-09
rs112112719	A	G	0.06	0.01	1.5345E-09
rs186903247	T	C	0.15	0.02	1.538E-09
rs142592268	A	G	0.06	0.0099847	1.5382E-09
rs28670864	T	C	0.11	0.01	1.5384E-09
5:157729242_A_G	G	A	0.03	0.0060339	1.5384E-09
rs115363576	G	A	0.06	0.01	1.539E-09
rs116438080	T	C	0.12	0.02	1.5398E-09
rs145664954	A	G	0.11	0.01	1.5401E-09
rs76359202	T	A	0.08	0.01	1.5416E-09
rs112851183	C	T	0.11	0.01	1.5432E-09
rs141164973	A	G	0.12	0.02	1.5439E-09

rs762581753	A	G	0.04	0.0082615	1.5449E-09
rs577982887	G	A	0.13	0.02	1.5464E-09
rs564257433	G	C	0.12	0.01	1.5472E-09
rs554298979	G	A	0.17	0.02	1.548E-09
rs143610510	A	G	0.11	0.01	1.5483E-09
rs10975194	A	T	0.11	0.01	1.5484E-09
rs145263990	G	A	0.12	0.01	1.5486E-09
rs182320276	A	T	0.07	0.01	1.5502E-09
rs141161915	T	C	0.11	0.01	1.5504E-09
rs191136703	A	G	0.35	0.05	1.5508E-09
rs140902141	C	G	0.06	0.009984	1.553E-09
rs115175993	A	G	0.11	0.01	1.5542E-09
rs74448475	G	A	0.03	0.0059001	1.5543E-09
rs7839815	G	A	0.12	0.02	1.5555E-09
rs138831996	G	C	0.11	0.01	1.5566E-09
rs13353023	A	C	0.06	0.0099818	1.5591E-09
rs115059199	G	C	0.11	0.01	1.5594E-09
rs568948473	C	T	0.04	0.0077454	1.5596E-09
rs2992996	G	A	0.11	0.01	1.5604E-09
rs13353008	A	G	0.06	0.0099817	1.5605E-09
rs558263696	G	C	0.04	0.0072025	1.5631E-09
rs75664183	G	A	0.12	0.02	1.5633E-09
rs778627803	C	T	0.05	0.00836	1.5635E-09
rs10245948	G	A	0.11	0.01	1.5636E-09
rs2532130	T	C	0.12	0.01	1.5649E-09
rs531998154	G	T	0.26	0.04	1.5653E-09
rs73348058	A	G	0.06	0.01	1.5664E-09
rs58619742	T	C	0.43	0.07	1.5665E-09
rs116686977	A	G	0.11	0.01	1.5682E-09
rs144719358	A	G	0.11	0.01	1.5693E-09
rs143593247	C	T	0.18	0.03	1.5704E-09
rs149627636	G	A	0.11	0.01	1.5704E-09
rs114012045	T	C	0.19	0.03	1.5705E-09
rs28707563	T	C	0.04	0.0070419	1.5719E-09
rs116744132	A	G	0.06	0.01	1.5729E-09
rs113585593	A	C	0.11	0.01	1.5734E-09
rs28564949	C	T	0.07	0.01	1.5737E-09
rs78090912	T	A	0.06	0.01	1.5744E-09
rs181611604	C	T	0.22	0.03	1.5767E-09
rs147513142	C	T	0.11	0.01	1.5774E-09
rs116543566	C	T	0.12	0.02	1.5795E-09
rs115212044	A	G	0.11	0.01	1.5796E-09
rs183425507	A	T	0.06	0.01	1.5804E-09
rs373137715	C	T	0.11	0.01	1.5805E-09
rs185862478	A	T	0.12	0.02	1.5809E-09
rs142076437	T	C	0.1	0.01	1.5812E-09
rs113112656	T	C	0.12	0.02	1.5817E-09
rs571129655	C	T	0.13	0.02	1.5817E-09
rs151179001	T	C	0.09	0.01	1.5819E-09
rs147931865	G	A	0.12	0.01	1.5823E-09
rs149381678	T	C	0.1	0.01	1.5827E-09
rs147487561	C	G	0.12	0.01	1.5831E-09
rs373037865	G	A	0.14	0.02	1.5843E-09
rs150324809	T	G	0.06	0.01	1.587E-09
rs76703571	C	G	0.11	0.01	1.5872E-09
rs537763789	C	A	0.11	0.01	1.5877E-09
rs184783278	G	A	0.11	0.01	1.588E-09
rs114214916	G	T	0.11	0.01	1.5884E-09
rs150980990	C	G	0.14	0.02	1.5894E-09
rs142482123	C	G	0.07	0.01	1.5897E-09
rs1034793	A	G	0.11	0.01	1.59E-09

rs79112856	A	G	0.14	0.02	1.5937E-09
rs114358316	A	T	0.12	0.01	1.5941E-09
rs77602823	T	C	0.13	0.02	1.5941E-09
rs139021523	G	C	0.12	0.02	1.5964E-09
rs143048069	T	C	0.12	0.02	1.5964E-09
rs116239901	A	G	0.05	0.0098964	1.5966E-09
rs142154627	A	G	0.11	0.01	1.597E-09
rs192257123	G	C	0.11	0.01	1.5971E-09
rs147057748	A	G	0.11	0.01	1.5979E-09
rs113689962	C	T	0.11	0.01	1.5986E-09
rs115538680	A	G	0.1	0.01	1.5989E-09
rs77460563	G	A	0.12	0.01	1.5994E-09
rs7024637	T	C	0.06	0.01	1.5995E-09
rs143582995	G	A	0.11	0.01	1.6E-09
rs148171684	T	C	0.19	0.03	1.602E-09
rs138182932	G	A	0.17	0.02	1.6021E-09
rs140829407	C	T	0.04	0.0070663	1.6033E-09
rs187268728	C	T	0.11	0.01	1.6047E-09
rs116781937	A	G	0.11	0.01	1.6059E-09
rs192267768	A	C	0.11	0.01	1.6066E-09
rs139755687	A	C	0.11	0.01	1.6068E-09
rs146633829	A	G	0.06	0.01	1.6074E-09
rs140962725	G	A	30.46	5.04	1.6086E-09
rs28619457	A	G	0.4	0.06	1.6103E-09
rs577474975	G	A	0.11	0.01	1.6104E-09
rs535187229	A	G	0.17	0.02	1.6108E-09
rs79243672	T	C	0.12	0.02	1.6109E-09
rs116178485	T	C	0.11	0.01	1.613E-09
rs751558824	G	A	0.04	0.0067521	1.6139E-09
rs187126627	T	C	0.11	0.01	1.6161E-09
rs115738398	A	T	1.35	0.22	1.6172E-09
rs566217298	T	C	0.35	0.05	1.6176E-09
rs114749479	T	C	0.1	0.01	1.6187E-09
rs114790403	T	C	0.11	0.01	1.6196E-09
rs78956648	A	C	0.1	0.01	1.6202E-09
rs569338456	G	C	0.13	0.02	1.6211E-09
rs148873692	T	C	0.14	0.02	1.6213E-09
rs138837749	A	G	0.09	0.01	1.6243E-09
rs115010074	C	G	0.04	0.0077135	1.6254E-09
7:68065428_A_G	G	A	0.04	0.0070373	1.6259E-09
rs188192135	A	G	0.14	0.02	1.6261E-09
rs184518111	A	G	0.11	0.01	1.6274E-09
rs192452247	G	C	0.11	0.01	1.628E-09
rs150604979	A	G	0.11	0.01	1.6288E-09
rs74731224	A	T	0.13	0.02	1.6289E-09
rs183794574	C	T	0.13	0.02	1.6303E-09
rs114855166	G	T	0.11	0.01	1.6307E-09
rs143699122	G	A	0.19	0.03	1.6312E-09
rs116026323	A	G	0.12	0.01	1.6316E-09
rs187653833	G	A	0.21	0.03	1.6327E-09
rs570119553	T	C	0.12	0.02	1.6339E-09
rs78659271	C	T	0.11	0.01	1.6348E-09
rs150896094	A	G	0.24	0.03	1.6374E-09
rs115420368	T	C	0.29	0.04	1.6403E-09
rs79762191	C	T	0.12	0.02	1.6409E-09
rs115004282	T	C	0.12	0.02	1.6409E-09
rs78793827	T	A	0.06	0.01	1.6413E-09
rs74750330	T	C	0.24	0.04	1.6426E-09
rs141280525	A	G	0.11	0.01	1.6429E-09
rs114056744	C	T	0.06	0.0099874	1.6444E-09
rs114935999	C	G	0.12	0.02	1.6462E-09

rs184089040	G	C	0.05	0.0091735	1.6473E-09
rs140674627	T	A	0.06	0.01	1.6477E-09
rs145932174	A	C	0.11	0.01	1.6483E-09
rs145236147	G	A	0.11	0.01	1.649E-09
rs76883678	T	G	0.12	0.02	1.6497E-09
rs183312377	G	A	0.03	0.0054156	1.6501E-09
rs79352721	G	A	0.11	0.01	1.6505E-09
rs115653457	C	T	0.12	0.01	1.6509E-09
rs572040336	A	T	0.2	0.03	1.6512E-09
rs180776361	C	A	0.15	0.02	1.6515E-09
rs546446483	G	T	0.2	0.03	1.6524E-09
rs57799358	G	A	0.04	0.0068975	1.6534E-09
rs74521246	C	T	0.11	0.01	1.6543E-09
rs7746258	T	C	0.12	0.02	1.6566E-09
rs146095263	A	G	0.12	0.02	1.6581E-09
rs113108704	T	G	0.12	0.01	1.6582E-09
rs150931903	G	A	0.11	0.01	1.6583E-09
rs182404960	A	G	0.12	0.02	1.6597E-09
rs73829276	A	C	0.04	0.0071028	1.6598E-09
rs57499067	A	C	0.11	0.01	1.6623E-09
rs115698188	G	A	0.75	0.12	1.6633E-09
rs115923777	A	G	0.11	0.01	1.6648E-09
rs2634126	T	G	0.12	0.02	1.6657E-09
rs138262171	A	G	0.12	0.02	1.6657E-09
rs192865342	A	C	0.13	0.02	1.667E-09
rs375667189	A	G	0.11	0.01	1.6672E-09
rs114270769	T	C	0.06	0.009987	1.6674E-09
rs78824016	G	A	0.12	0.02	1.6675E-09
rs74636306	A	G	0.05	0.0098106	1.6702E-09
rs554320207	T	A	0.06	0.01	1.6711E-09
rs115274154	C	T	0.11	0.01	1.6712E-09
rs116651765	T	C	0.12	0.02	1.6731E-09
rs114387117	T	G	0.12	0.02	1.6733E-09
rs77310201	T	G	0.06	0.01	1.6736E-09
rs77357653	T	C	0.09	0.01	1.6736E-09
rs549242277	T	A	0.13	0.02	1.675E-09
rs142413947	A	G	0.11	0.01	1.6766E-09
rs528559946	T	C	0.11	0.01	1.6781E-09
rs114616429	A	C	0.37	0.06	1.679E-09
rs541803656	A	G	0.06	0.01	1.6801E-09
rs11889245	C	T	0.17	0.02	1.6822E-09
rs138011274	G	A	0.11	0.01	1.6831E-09
rs146189479	C	A	0.11	0.01	1.6831E-09
rs541962891	G	T	0.14	0.02	1.6837E-09
rs143755194	T	A	0.11	0.01	1.6837E-09
rs115153502	G	A	0.11	0.01	1.6859E-09
rs376563514	C	T	0.13	0.02	1.6861E-09
rs78263619	G	A	0.15	0.02	1.6884E-09
rs116347612	C	G	0.12	0.02	1.6897E-09
rs752877409	T	C	0.02	0.0049019	1.6899E-09
rs114847671	A	T	0.11	0.01	1.6903E-09
rs149566039	C	T	0.21	0.03	1.6909E-09
rs78258162	G	A	0.1	0.01	1.6927E-09
rs116984526	T	C	0.03	0.006338	1.6929E-09
rs371118604	C	G	0.11	0.01	1.6955E-09
rs78770952	A	G	0.07	0.01	1.6974E-09
rs139911396	C	A	0.11	0.01	1.6975E-09
rs117546920	C	G	0.16	0.02	1.6983E-09
rs556207982	C	T	0.03	0.0060866	1.6992E-09
rs141589341	C	T	0.12	0.02	1.6994E-09
rs148747256	T	C	0.04	0.0069729	1.7007E-09

rs77143172	T	C	0.1	0.01	1.7019E-09
rs147269752	T	C	0.11	0.01	1.7037E-09
rs75077015	C	T	0.11	0.01	1.7037E-09
rs183029501	C	T	0.2	0.03	1.7062E-09
rs144617448	T	C	0.16	0.02	1.7069E-09
rs151178439	G	T	0.12	0.02	1.7092E-09
rs556863554	C	T	0.11	0.01	1.7103E-09
rs145513410	T	C	0.4	0.06	1.7111E-09
rs115890092	T	G	0.11	0.01	1.7111E-09
rs185909570	G	A	0.11	0.01	1.7146E-09
rs200557398	G	A	0.11	0.01	1.7146E-09
rs115299850	C	G	0.11	0.01	1.7147E-09
rs114209570	T	C	0.12	0.01	1.7148E-09
rs115213477	G	A	0.11	0.01	1.7151E-09
rs116178143	G	T	0.11	0.01	1.7151E-09
rs79651204	A	G	0.13	0.02	1.7153E-09
rs181947229	G	C	0.15	0.02	1.7159E-09
rs374537548	G	A	0.05	0.0083841	1.7166E-09
rs73889592	C	T	0.11	0.01	1.7174E-09
rs568600571	T	A	0.11	0.01	1.7178E-09
rs189711024	T	G	0.18	0.03	1.7192E-09
rs3801372	T	C	0.05	0.0096645	1.7192E-09
rs116690397	C	T	0.05	0.0084938	1.7195E-09
rs114154671	G	T	0.11	0.01	1.7202E-09
rs112969572	C	A	0.15	0.02	1.7206E-09
rs114258529	T	C	0.13	0.02	1.7207E-09
rs143209090	T	C	0.12	0.02	1.7209E-09
rs111290337	T	C	0.12	0.02	1.7223E-09
rs183822026	A	C	0.11	0.01	1.7271E-09
rs116336353	A	G	0.11	0.01	1.7283E-09
rs535474471	A	C	0.09	0.01	1.7284E-09
rs575969999	A	G	0.03	0.0060138	1.7295E-09
rs368803186	A	G	0.06	0.01	1.7301E-09
rs9656651	A	G	0.08	0.01	1.7316E-09
rs149555742	A	G	0.1	0.01	1.732E-09
rs545364228	C	G	0.13	0.02	1.732E-09
rs116318056	C	T	0.11	0.01	1.7323E-09
rs111262701	C	G	0.05	0.0095733	1.7324E-09
rs150329479	A	T	0.11	0.01	1.7324E-09
rs80241919	C	T	0.06	0.01	1.7348E-09
rs116688535	A	G	0.11	0.01	1.7349E-09
rs7785232	T	C	0.06	0.01	1.7351E-09
rs149574897	G	A	0.11	0.01	1.7352E-09
rs28574820	T	C	0.15	0.02	1.7357E-09
rs7729200	A	C	0.12	0.02	1.7359E-09
rs556704007	G	T	0.11	0.01	1.7371E-09
rs190249148	G	C	0.11	0.01	1.7371E-09
rs550362248	T	C	0.06	0.01	1.7373E-09
rs111317238	A	G	0.14	0.02	1.7374E-09
rs138996813	T	C	0.12	0.02	1.7386E-09
rs559258688	T	C	0.03	0.006394	1.7391E-09
rs191166383	C	A	0.11	0.01	1.7391E-09
rs77540686	C	T	0.11	0.01	1.7411E-09
rs182876174	T	A	0.12	0.02	1.742E-09
9:113378220_G_A	A	G	0.03	0.0053234	1.742E-09
rs115154610	C	A	0.11	0.01	1.7448E-09
rs562519442	G	A	0.49	0.08	1.7458E-09
rs6845212	G	T	0.06	0.01	1.747E-09
rs73542447	A	T	0.14	0.02	1.7488E-09
rs144985613	T	C	0.11	0.01	1.749E-09
rs747819216	C	T	0.03	0.0055046	1.7497E-09

rs76476149	T	C	0.11	0.01	1.7505E-09
rs575825221	T	C	0.11	0.01	1.7511E-09
rs111641556	T	G	0.11	0.01	1.7513E-09
rs7645439	A	T	0.11	0.01	1.7524E-09
rs564955026	A	C	0.2	0.03	1.7531E-09
rs187890195	A	G	0.12	0.01	1.7548E-09
rs143169921	A	C	0.1	0.01	1.7555E-09
rs763110302	A	G	0.04	0.0071452	1.7559E-09
rs79531418	C	T	0.11	0.01	1.756E-09
rs147321299	C	T	0.11	0.01	1.7569E-09
rs368653284	C	T	0.13	0.02	1.7569E-09
rs144600102	G	A	0.11	0.01	1.7594E-09
rs145348709	T	C	0.13	0.02	1.7604E-09
rs78636087	C	G	0.11	0.01	1.7606E-09
rs111613734	C	T	0.13	0.02	1.7608E-09
rs2884162	A	G	0.12	0.02	1.7613E-09
rs116552184	T	C	0.15	0.02	1.7614E-09
rs77843379	G	A	0.06	0.01	1.763E-09
rs186144449	C	T	0.11	0.01	1.7632E-09
rs78735215	T	C	0.07	0.01	1.7674E-09
rs537002758	C	T	0.11	0.01	1.7677E-09
3:121890332_C_A	A	C	0.04	0.0067714	1.7688E-09
rs148934736	G	A	0.1	0.01	1.7702E-09
rs112241962	C	G	0.12	0.01	1.7714E-09
rs375935155	A	G	0.11	0.01	1.7714E-09
rs148301346	C	T	0.11	0.01	1.7723E-09
rs139140965	A	G	0.12	0.02	1.7723E-09
rs77660900	G	A	0.12	0.02	1.7749E-09
rs142717997	T	C	0.03	0.0055555	1.7753E-09
rs79228427	C	T	0.11	0.01	1.7755E-09
rs75561940	T	G	0.05	0.0097864	1.7759E-09
rs114326486	T	C	0.07	0.01	1.7784E-09
6:80604771_A_C	C	A	0.05	0.008919	1.7787E-09
rs183956777	C	T	0.05	0.008336	1.7811E-09
rs116446050	T	C	0.11	0.01	1.7816E-09
rs186436014	T	C	0.12	0.02	1.7826E-09
rs555559011	T	C	0.15	0.02	1.7828E-09
rs75276128	C	T	0.12	0.02	1.7853E-09
rs561422123	T	C	0.11	0.01	1.7857E-09
rs115544426	T	C	0.11	0.01	1.7858E-09
rs142803228	G	A	0.11	0.01	1.7885E-09
rs112919815	G	A	0.12	0.01	1.7893E-09
rs185435679	G	T	0.06	0.01	1.7928E-09
rs114062756	C	A	0.06	0.01	1.7938E-09
rs183279549	G	A	0.21	0.03	1.7948E-09
rs74870393	T	G	0.06	0.01	1.7958E-09
rs147524396	C	G	0.1	0.01	1.7965E-09
rs17047265	A	T	0.06	0.01	1.7967E-09
rs6717065	G	A	0.1	0.01	1.7978E-09
rs138889820	A	T	0.12	0.02	1.7983E-09
rs16833809	C	G	0.06	0.01	1.7984E-09
rs80245933	A	C	0.11	0.01	1.799E-09
rs113655085	C	T	0.11	0.01	1.8012E-09
rs113814652	A	G	0.11	0.01	1.8012E-09
rs114850699	C	T	0.11	0.01	1.8027E-09
rs578166141	C	G	0.11	0.01	1.8027E-09
rs147539118	A	G	0.06	0.01	1.8053E-09
rs142227906	C	T	0.09	0.01	1.8058E-09
rs78173592	G	A	0.08	0.01	1.8071E-09
rs113127014	G	A	0.02	0.0040779	1.8092E-09
rs183530638	T	C	0.04	0.0071477	1.8104E-09



rs73729444	T	C	0.03	0.0053927	1.8109E-09
rs552408600	T	G	0.12	0.02	1.8118E-09
rs142746238	A	G	0.16	0.02	1.812E-09
rs568497458	G	C	0.41	0.06	1.8144E-09
rs72993691	C	T	0.06	0.01	1.8167E-09
rs144905192	C	T	0.15	0.02	1.8181E-09
rs141677820	A	T	0.06	0.01	1.8184E-09
rs6926094	T	C	0.11	0.01	1.8193E-09
rs148971750	A	G	0.2	0.03	1.8195E-09
rs1896991	G	C	0.11	0.01	1.8195E-09
rs117552184	C	T	0.16	0.02	1.8207E-09
rs4628174	G	T	0.06	0.01	1.8239E-09
rs10969276	T	C	0.06	0.01	1.8255E-09
rs76287561	C	T	0.06	0.01	1.827E-09
rs149136788	C	G	0.06	0.01	1.8271E-09
rs115569924	A	G	0.06	0.01	1.8278E-09
rs145312508	T	G	0.24	0.04	1.8278E-09
rs115137757	C	T	0.11	0.01	1.8283E-09
rs537119118	G	A	0.12	0.02	1.8286E-09
rs116166173	C	T	0.11	0.01	1.8289E-09
rs191305063	C	T	0.11	0.01	1.829E-09
rs145127985	C	A	0.11	0.01	1.8299E-09
rs116826684	T	C	0.07	0.01	1.8306E-09
rs12058328	G	A	0.11	0.01	1.8322E-09
rs186754743	A	G	1.48	0.24	1.8339E-09
rs532869504	G	A	0.03	0.005463	1.834E-09
rs762881312	C	G	0.02	0.0048194	1.8346E-09
rs565915801	A	G	0.06	0.01	1.8351E-09
rs137897099	T	G	0.06	0.01	1.8369E-09
rs143318912	C	G	0.11	0.01	1.8371E-09
rs192497018	A	G	0.06	0.01	1.8378E-09
rs143147552	C	T	0.11	0.01	1.8388E-09
rs114010716	A	G	0.12	0.02	1.8403E-09
rs74556939	T	A	0.03	0.0058809	1.8413E-09
rs73757403	G	T	0.06	0.01	1.8419E-09
rs550174678	C	T	0.05	0.0098251	1.8448E-09
rs577825521	T	C	0.11	0.01	1.8449E-09
rs76442257	A	C	0.12	0.02	1.8454E-09
rs538289015	G	C	0.15	0.02	1.847E-09
rs148666160	T	C	0.1	0.01	1.8474E-09
rs75551975	T	G	0.11	0.01	1.8477E-09
rs17246023	C	G	0.05	0.009577	1.8479E-09
rs28716035	C	T	0.57	0.09	1.8485E-09
rs288245	C	A	0.12	0.02	1.8505E-09
rs143668812	A	G	2.73	0.45	1.8533E-09
rs112995360	A	G	0.06	0.01	1.8547E-09
rs117318711	T	C	0.12	0.02	1.8558E-09
rs73801642	G	C	0.06	0.0099941	1.8573E-09
rs142376938	C	A	0.07	0.01	1.8575E-09
rs116418517	A	G	0.05	0.0083845	1.8581E-09
rs528566543	G	C	0.03	0.0052917	1.8581E-09
rs74581394	A	T	0.23	0.03	1.8586E-09
rs368754249	C	A	0.32	0.05	1.8586E-09
rs776454828	A	G	0.07	0.01	1.8603E-09
rs75627646	T	C	0.09	0.01	1.8618E-09
rs138817555	G	T	0.12	0.02	1.8629E-09
rs116200870	A	G	0.12	0.02	1.8633E-09
rs75896184	A	C	0.11	0.01	1.8637E-09
rs183900108	T	A	0.11	0.01	1.8647E-09
rs143755469	G	C	0.29	0.04	1.8649E-09
rs116103742	A	G	0.11	0.01	1.8655E-09

rs77909805	C	G	0.2	0.03	1.8717E-09
rs762517298	T	G	0.11	0.01	1.8721E-09
rs7810846	T	C	0.04	0.0076873	1.8723E-09
rs11979095	T	C	0.11	0.01	1.8725E-09
rs7816280	T	C	0.04	0.0073724	1.8728E-09
rs148346456	C	T	0.06	0.01	1.8729E-09
rs566547237	C	T	0.02	0.0049669	1.8764E-09
rs115007915	G	A	0.12	0.01	1.8765E-09
rs149394646	A	G	0.14	0.02	1.8766E-09
rs140920621	C	T	0.07	0.01	1.8773E-09
rs139341951	T	C	0.05	0.0092501	1.8786E-09
rs114429113	G	A	0.06	0.01	1.879E-09
rs149861581	T	C	0.11	0.01	1.8792E-09
rs78954740	T	C	0.06	0.01	1.8794E-09
rs6978501	G	T	0.04	0.0076872	1.8799E-09
rs114282468	G	A	0.12	0.02	1.8824E-09
rs184676162	C	T	0.23	0.03	1.8836E-09
rs61188452	T	C	0.11	0.01	1.8836E-09
3:141660976_C_G	G	C	0.05	0.0083961	1.8845E-09
rs115285140	G	A	0.15	0.02	1.885E-09
rs28563835	T	C	0.15	0.02	1.8856E-09
rs115381835	G	A	0.06	0.0099896	1.8883E-09
rs28544162	G	T	0.03	0.0059596	1.8887E-09
rs140157072	A	C	0.12	0.02	1.8896E-09
rs187401048	G	A	0.11	0.01	1.8913E-09
2:48548623_C_T	T	C	0.03	0.0063519	1.8931E-09
rs533324304	C	T	0.04	0.0077398	1.8933E-09
rs563950091	T	C	0.11	0.01	1.8943E-09
rs6579923	G	T	0.04	0.0069	1.8972E-09
rs115224061	G	A	0.11	0.01	1.8972E-09
rs6784827	C	T	0.06	0.01	1.8977E-09
rs775795397	C	T	0.02	0.0043917	1.898E-09
rs549856433	A	G	0.14	0.02	1.8986E-09
rs116670914	A	G	0.08	0.01	1.8999E-09
rs114487045	C	T	0.08	0.01	1.9004E-09
rs556376164	T	G	0.11	0.01	1.9005E-09
rs185376563	G	T	0.04	0.0073867	1.9006E-09
rs114659952	C	T	0.04	0.0068228	1.9007E-09
rs149989256	A	G	0.27	0.04	1.9036E-09
rs187650793	A	G	0.11	0.01	1.9043E-09
rs115633696	G	A	0.11	0.01	1.9051E-09
rs142959724	A	G	0.11	0.01	1.9053E-09
rs73457476	A	T	0.11	0.01	1.9084E-09
rs183661856	A	G	0.11	0.01	1.91E-09
rs191348888	G	A	0.17	0.02	1.9106E-09
7:57550401_T_A	A	T	0.08	0.01	1.9109E-09
rs113561043	T	C	0.06	0.01	1.912E-09
rs111249750	C	T	0.11	0.01	1.9121E-09
rs114293142	C	A	0.11	0.01	1.914E-09
rs141692676	C	T	0.11	0.01	1.9148E-09
rs146095334	G	C	0.11	0.01	1.9148E-09
rs189171675	T	G	0.12	0.02	1.9149E-09
rs116336337	G	T	0.05	0.0097736	1.9154E-09
rs17538041	G	A	0.06	0.01	1.9159E-09
rs746883619	T	C	0.06	0.01	1.9167E-09
rs149059316	T	C	0.11	0.01	1.92E-09
rs116963041	G	A	0.11	0.01	1.9203E-09
rs534019719	T	C	0.12	0.02	1.9209E-09
rs575823134	C	T	0.11	0.01	1.9218E-09
rs147626905	T	C	0.08	0.01	1.9223E-09
rs535888939	T	A	0.14	0.02	1.9226E-09

rs74150765	T	C	0.06	0.01	1.923E-09
rs116736311	A	G	0.11	0.01	1.928E-09
rs79679986	T	G	0.06	0.01	1.9293E-09
rs115922031	A	G	0.11	0.01	1.9294E-09
rs528298973	G	A	0.11	0.01	1.9302E-09
rs12113679	G	A	0.12	0.02	1.9315E-09
rs145970283	G	T	0.11	0.01	1.9325E-09
rs117083327	A	G	0.1	0.01	1.9329E-09
rs12332013	T	C	0.15	0.02	1.9332E-09
rs543132739	T	C	0.03	0.0052958	1.9343E-09
rs543693728	G	C	0.06	0.01	1.9356E-09
rs142237887	T	C	0.12	0.02	1.9379E-09
rs553269372	T	C	0.13	0.02	1.9381E-09
rs569859115	C	A	0.04	0.0078383	1.9388E-09
rs74118744	A	G	0.12	0.02	1.9421E-09
rs147096802	G	A	0.11	0.01	1.9422E-09
rs575328467	T	C	0.08	0.01	1.9429E-09
rs149871851	A	C	0.11	0.01	1.945E-09
rs7603885	T	C	0.11	0.01	1.9466E-09
rs13374735	G	T	0.06	0.01	1.947E-09
rs114378328	G	T	0.06	0.01	1.947E-09
rs147588666	T	C	4.97	0.82	1.9479E-09
rs142800794	A	G	0.05	0.0092023	1.9479E-09
rs757627255	T	C	0.03	0.0053249	1.9485E-09
rs190881736	C	T	0.19	0.03	1.9499E-09
rs188940447	T	A	0.11	0.01	1.9522E-09
rs76975476	T	C	0.06	0.01	1.9546E-09
rs116528881	C	T	0.11	0.01	1.9549E-09
rs190963191	A	T	0.79	0.13	1.9549E-09
rs191760072	A	T	0.12	0.02	1.9551E-09
rs112715309	T	C	0.11	0.01	1.9555E-09
rs114738881	G	A	0.03	0.0055421	1.9565E-09
rs114438474	T	C	0.1	0.01	1.9574E-09
rs531609998	T	C	0.11	0.01	1.9588E-09
rs143725741	A	G	0.11	0.01	1.9595E-09
rs116267939	T	C	0.11	0.01	1.9604E-09
rs144709142	A	G	0.12	0.02	1.9613E-09
rs148292158	G	A	0.48	0.08	1.964E-09
rs1711388	T	C	-0.06	0.01	1.9645E-09
rs79415522	A	G	0.11	0.01	1.9653E-09
rs73801643	C	T	0.05	0.0099793	1.9661E-09
rs115460322	G	A	0.06	0.01	1.967E-09
rs544367843	C	G	0.11	0.01	1.9673E-09
rs114677532	A	G	0.11	0.01	1.9676E-09
rs543628962	A	G	0.13	0.02	1.9678E-09
rs140360442	A	G	0.11	0.01	1.968E-09
rs79921587	A	C	0.11	0.01	1.9683E-09
rs553380822	A	G	0.03	0.0056891	1.9707E-09
rs185115512	T	G	0.15	0.02	1.9717E-09
rs138374527	T	C	0.1	0.01	1.9718E-09
rs74493795	C	T	0.11	0.01	1.9719E-09
rs7525411	A	C	0.06	0.01	1.972E-09
rs116416485	C	G	0.11	0.01	1.9736E-09
rs114320149	A	G	0.07	0.01	1.9742E-09
rs115992070	G	A	0.06	0.01	1.9751E-09
rs7720322	C	T	0.11	0.01	1.9757E-09
rs540226198	T	A	0.29	0.04	1.9759E-09
rs557867413	G	C	0.29	0.04	1.9759E-09
rs138857519	C	G	0.13	0.02	1.9765E-09
rs187668836	T	C	0.11	0.01	1.9767E-09
rs150713841	C	T	0.12	0.02	1.9775E-09

rs73542429	A	C	0.14	0.02	1.9824E-09
rs187760802	G	A	0.11	0.01	1.9828E-09
rs752449181	A	G	0.05	0.008524	1.983E-09
rs143606583	G	C	0.06	0.01	1.9832E-09
rs114164042	C	T	0.06	0.01	1.9836E-09
9:120806416_T_G	G	T	0.05	0.0089859	1.9845E-09
rs116169225	A	T	0.06	0.01	1.9846E-09
rs149624216	T	C	0.11	0.01	1.985E-09
rs576440422	T	C	0.45	0.07	1.9856E-09
rs111784861	T	C	0.06	0.01	1.9857E-09
rs150708870	A	G	0.11	0.01	1.9857E-09
rs76633143	A	G	0.05	0.0099887	1.9869E-09
rs115843885	C	T	0.06	0.01	1.9874E-09
rs138763908	C	G	0.28	0.04	1.9875E-09
rs145361998	A	C	0.06	0.01	1.9878E-09
rs192689947	G	A	0.11	0.01	1.9879E-09
rs71508124	A	G	0.14	0.02	1.9883E-09
rs116792815	A	G	0.06	0.01	1.9888E-09
rs116687391	A	G	0.08	0.01	1.9897E-09
rs139312508	G	A	0.06	0.01	1.9904E-09
rs116818500	G	C	0.11	0.01	1.9914E-09
rs534969138	G	C	0.12	0.02	1.9931E-09
rs151128645	C	T	0.11	0.01	1.9934E-09
rs549396135	A	G	0.15	0.02	1.9979E-09
rs138674648	T	C	0.06	0.01	1.998E-09
rs540687726	T	C	0.11	0.01	1.9989E-09
rs372913014	T	C	0.11	0.01	2.0007E-09
rs74700008	A	G	0.11	0.01	2.0008E-09
rs188996359	G	A	0.06	0.01	2.0015E-09
rs182396391	A	G	0.41	0.06	2.0055E-09
rs143199695	T	C	0.11	0.01	2.0077E-09
rs73052638	G	A	0.11	0.01	2.0078E-09
rs138834309	T	C	0.06	0.01	2.0093E-09
rs146941173	C	T	0.14	0.02	2.0093E-09
rs553025769	G	C	0.11	0.01	2.0102E-09
rs73519594	G	T	0.11	0.01	2.0118E-09
rs188095042	T	C	0.06	0.01	2.0146E-09
rs12470775	G	C	0.05	0.0087444	2.0147E-09
rs190071233	G	A	0.06	0.01	2.0152E-09
rs187821637	C	A	0.11	0.01	2.0181E-09
rs561193959	A	G	0.08	0.01	2.0183E-09
rs80070720	A	G	0.11	0.01	2.0183E-09
rs75234790	C	T	0.11	0.01	2.0217E-09
rs116179608	C	A	0.06	0.01	2.0217E-09
rs146387197	G	A	0.11	0.01	2.0219E-09
rs143124158	T	G	0.19	0.03	2.022E-09
rs148492677	A	C	0.12	0.02	2.0221E-09
rs116557338	G	A	0.11	0.01	2.0223E-09
rs114443823	A	G	0.06	0.01	2.025E-09
rs115839999	T	C	0.06	0.01	2.0251E-09
rs115570439	A	G	0.11	0.01	2.026E-09
rs112143448	A	C	0.06	0.01	2.0266E-09
rs141377285	T	C	0.12	0.02	2.0274E-09
rs114612664	C	A	0.05	0.009624	2.0287E-09
rs6993772	G	A	0.12	0.02	2.0291E-09
rs545850002	C	T	0.11	0.01	2.0293E-09
rs142979444	C	T	0.05	0.0085788	2.0294E-09
rs77200320	T	C	0.11	0.01	2.0313E-09
rs142326800	T	C	0.11	0.01	2.0352E-09
rs2274325	G	A	0.12	0.02	2.0359E-09
rs561994809	T	C	0.03	0.0060967	2.0391E-09

rs146358026	C	G	0.11	0.01	2.0403E-09
rs58265621	A	G	0.09	0.01	2.0408E-09
rs185912459	C	T	0.13	0.02	2.0422E-09
rs116763064	G	A	0.11	0.01	2.0436E-09
rs73801646	A	T	0.05	0.0099809	2.0437E-09
rs58196517	T	A	0.08	0.01	2.0448E-09
rs73801635	C	T	0.05	0.0099653	2.0469E-09
rs182063596	A	G	0.02	0.0044913	2.0473E-09
rs113616532	T	C	0.11	0.01	2.0484E-09
rs76677155	T	G	0.06	0.01	2.0485E-09
rs139243409	A	G	0.05	0.0085577	2.0505E-09
rs569975564	G	C	0.13	0.02	2.0507E-09
rs547999115	G	T	0.11	0.01	2.0517E-09
rs538612371	G	A	0.12	0.02	2.0524E-09
rs184731843	C	A	0.06	0.01	2.0531E-09
rs116402451	T	C	0.12	0.02	2.0555E-09
5:581590_C_T	T	C	0.06	0.01	2.0566E-09
rs377155969	T	C	0.05	0.0099338	2.0582E-09
rs142093891	T	C	0.11	0.01	2.0595E-09
rs140804611	A	T	0.13	0.02	2.0611E-09
rs371366141	G	A	0.08	0.01	2.0616E-09
rs114852684	C	T	0.09	0.01	2.0632E-09
rs72993673	C	T	0.11	0.01	2.0633E-09
rs75574989	C	A	0.06	0.01	2.0633E-09
rs552370987	T	C	0.05	0.009896	2.0634E-09
rs149077651	T	C	0.1	0.01	2.064E-09
rs140001217	C	T	0.11	0.01	2.0653E-09
rs190221846	C	T	0.09	0.01	2.069E-09
rs144296058	C	T	0.11	0.01	2.0699E-09
rs111634381	A	C	0.12	0.02	2.0716E-09
rs189537152	G	A	0.12	0.02	2.0724E-09
rs148932063	T	C	0.11	0.01	2.0732E-09
rs570159187	T	C	0.11	0.01	2.0743E-09
rs185564690	T	C	0.11	0.01	2.0756E-09
rs75402236	T	C	0.06	0.01	2.076E-09
rs113336525	A	G	0.47	0.07	2.0776E-09
rs185502976	T	C	0.04	0.0067481	2.0786E-09
rs80130768	C	A	0.06	0.01	2.0799E-09
rs141529194	T	G	0.16	0.02	2.0801E-09
rs185203380	T	C	0.11	0.01	2.0814E-09
rs73040046	A	C	0.11	0.01	2.0821E-09
rs36036523	C	G	0.18	0.03	2.0827E-09
rs143906992	T	C	0.18	0.03	2.0833E-09
rs188432864	G	C	0.11	0.01	2.0834E-09
rs146904130	A	G	0.1	0.01	2.0837E-09
rs568124362	A	C	0.05	0.0099655	2.0843E-09
rs115542209	G	C	0.11	0.01	2.0848E-09
rs76360734	C	T	0.05	0.0096701	2.0856E-09
rs144935508	G	A	0.11	0.01	2.0867E-09
rs150400646	A	G	0.06	0.01	2.0881E-09
rs74677480	T	C	0.12	0.02	2.0881E-09
rs148344269	C	T	0.11	0.01	2.0882E-09
rs3087408	T	C	0.06	0.01	2.0904E-09
rs567524352	T	C	0.14	0.02	2.0912E-09
rs138808214	C	T	0.11	0.01	2.0918E-09
rs144252690	A	T	0.26	0.04	2.0924E-09
rs74501789	A	G	0.04	0.0069789	2.093E-09
rs553012458	A	T	0.04	0.0076365	2.0945E-09
rs146459002	T	A	0.17	0.02	2.0948E-09
rs374754183	T	C	0.17	0.02	2.0949E-09
rs146272816	G	C	0.11	0.01	2.0954E-09

rs115760412	T	C	0.7	0.11	2.0971E-09
rs193243081	A	C	0.12	0.02	2.0979E-09
rs184807577	T	G	0.12	0.02	2.0986E-09
rs141582225	A	G	0.09	0.01	2.0987E-09
2:239034972_T_C	C	T	0.03	0.0061362	2.0989E-09
rs541988381	G	A	0.02	0.003663	2.0993E-09
rs149355479	A	G	0.28	0.04	2.0997E-09
rs192088864	A	G	0.06	0.01	2.1005E-09
rs185174577	G	A	0.3	0.05	2.1034E-09
rs78326333	G	A	0.11	0.01	2.1087E-09
rs75027493	T	G	0.06	0.01	2.109E-09
rs184153572	T	C	0.02	0.0045842	2.1091E-09
rs565787402	A	G	0.12	0.02	2.1093E-09
rs7757351	T	C	0.12	0.02	2.1096E-09
2:92062016_G_T	T	G	0.06	0.01	2.1115E-09
rs534412822	A	C	0.05	0.0092697	2.1116E-09
rs145538091	C	A	0.11	0.01	2.1117E-09
rs115653890	A	T	0.13	0.02	2.1124E-09
rs150508230	T	C	0.11	0.01	2.1129E-09
rs189319947	A	T	0.11	0.01	2.1131E-09
rs149019900	A	G	0.06	0.01	2.1132E-09
rs187856163	G	C	0.13	0.02	2.116E-09
rs77011799	G	A	0.11	0.01	2.1164E-09
rs575397568	C	A	0.11	0.01	2.1184E-09
rs550627538	C	A	0.17	0.02	2.1186E-09
rs145193138	T	C	0.06	0.01	2.1189E-09
2:60603165_G_A	A	G	0.07	0.01	2.1205E-09
rs116801430	C	G	0.11	0.01	2.1217E-09
rs115141818	G	A	0.06	0.01	2.1223E-09
rs75207247	A	G	0.11	0.01	2.1236E-09
rs545502556	A	G	0.11	0.01	2.124E-09
rs73579412	C	A	0.04	0.0078465	2.124E-09
rs79310687	C	T	0.11	0.01	2.1266E-09
rs556981840	G	A	0.4	0.06	2.1267E-09
rs55935932	C	T	0.11	0.01	2.1268E-09
rs181488069	A	G	0.19	0.03	2.1277E-09
rs141743308	C	A	0.12	0.02	2.13E-09
rs114437684	G	C	0.11	0.01	2.13E-09
rs114093104	T	C	0.11	0.01	2.1302E-09
rs115208545	G	A	0.12	0.02	2.1338E-09
rs76385940	G	A	0.11	0.01	2.137E-09
rs114634173	A	C	0.11	0.01	2.1375E-09
rs142636119	C	T	0.29	0.05	2.1383E-09
rs17122464	A	C	0.11	0.01	2.1387E-09
rs115082891	G	A	0.11	0.01	2.1389E-09
rs538580819	T	G	0.14	0.02	2.1389E-09
rs140326086	A	T	0.19	0.03	2.1391E-09
rs749358434	T	G	0.02	0.0042674	2.1402E-09
rs145786134	A	G	0.11	0.01	2.1403E-09
rs77252810	C	T	0.03	0.0058662	2.1409E-09
rs141880661	C	T	0.11	0.01	2.1409E-09
rs142197247	C	T	0.12	0.02	2.1413E-09
rs11574191	A	G	0.06	0.01	2.1415E-09
rs183934974	T	C	0.12	0.02	2.1425E-09
rs754948272	A	G	0.04	0.0067913	2.1429E-09
rs114715065	T	C	0.04	0.006804	2.1436E-09
rs148283419	G	A	0.16	0.02	2.144E-09
rs142709563	A	G	0.17	0.02	2.1442E-09
rs540038184	T	C	0.11	0.01	2.1443E-09
rs576544410	G	C	1.3	0.21	2.1448E-09
rs73171707	A	G	0.14	0.02	2.1475E-09

rs147473618	A	G	0.11	0.01	2.1477E-09
rs760312491	C	G	0.03	0.005314	2.148E-09
rs191865188	C	G	0.11	0.01	2.1487E-09
rs141549394	A	G	0.12	0.02	2.1488E-09
rs141532688	G	A	0.01	0.0032413	2.1499E-09
rs371671059	T	A	0.15	0.02	2.1522E-09
rs191677373	C	T	0.04	0.0078867	2.1529E-09
rs116599992	T	C	0.1	0.01	2.1538E-09
rs78824852	G	A	0.11	0.01	2.1542E-09
rs181462318	G	C	0.34	0.05	2.1559E-09
rs554820823	A	G	0.12	0.02	2.1573E-09
rs368332545	A	C	0.12	0.02	2.1604E-09
rs138453165	A	G	0.06	0.01	2.1605E-09
rs114185099	C	T	0.05	0.0097501	2.1609E-09
rs112761995	T	G	0.03	0.0055306	2.161E-09
rs141737918	A	G	0.1	0.01	2.1638E-09
rs561512794	A	G	0.08	0.01	2.1657E-09
rs77259912	C	A	0.11	0.01	2.1665E-09
rs79102727	G	T	0.11	0.01	2.167E-09
rs78529556	T	C	0.03	0.0053313	2.1674E-09
rs373990116	C	T	0.12	0.02	2.1681E-09
rs183437671	G	C	0.47	0.07	2.1683E-09
rs113115471	G	A	0.11	0.01	2.1685E-09
rs187595507	G	C	0.03	0.0059421	2.1689E-09
rs79961863	C	T	0.08	0.01	2.1693E-09
rs116082806	C	T	0.1	0.01	2.1698E-09
rs570488925	C	T	0.04	0.0067904	2.1716E-09
rs556245167	T	C	0.11	0.01	2.1732E-09
rs551624025	G	A	0.11	0.01	2.1735E-09
rs115185424	G	T	0.11	0.01	2.1754E-09
rs141668472	C	G	0.11	0.01	2.1768E-09
rs73803430	G	T	0.11	0.01	2.178E-09
rs115163639	A	G	0.1	0.01	2.1784E-09
rs79625284	A	G	0.11	0.01	2.1793E-09
rs149077059	G	A	0.13	0.02	2.1806E-09
rs116334119	A	C	0.14	0.02	2.1809E-09
rs115150140	A	C	0.04	0.0068741	2.1812E-09
rs144879466	C	T	0.06	0.01	2.184E-09
rs549576331	T	C	0.11	0.01	2.1859E-09
rs111633294	T	C	0.11	0.01	2.1871E-09
rs183130271	T	A	0.11	0.01	2.1871E-09
rs186737727	A	G	0.11	0.01	2.1871E-09
rs56715409	A	G	0.06	0.01	2.188E-09
rs112641389	C	G	0.12	0.02	2.1887E-09
rs550419212	T	C	0.1	0.01	2.1903E-09
rs114204470	T	C	0.11	0.01	2.1903E-09
rs115021727	T	G	0.41	0.06	2.1911E-09
rs74151307	A	G	0.27	0.04	2.194E-09
rs115236806	T	C	0.11	0.01	2.1977E-09
rs115842419	T	A	0.11	0.01	2.198E-09
rs144120417	A	C	0.11	0.01	2.199E-09
rs74613805	T	C	0.05	0.0092185	2.1994E-09
rs572837914	A	G	0.09	0.01	2.2043E-09
rs541404885	T	C	0.04	0.0070389	2.2086E-09
rs114872004	G	A	0.11	0.01	2.2087E-09
rs139291930	T	C	0.19	0.03	2.2102E-09
rs147494154	T	C	0.11	0.01	2.2104E-09
rs141008050	A	C	0.11	0.01	2.2108E-09
rs73380547	G	T	0.11	0.01	2.2131E-09
rs147537058	C	T	0.2	0.03	2.214E-09
rs116175325	C	T	0.41	0.06	2.2172E-09

rs140893681	T	C	0.11	0.01	2.2177E-09
rs80028892	C	T	0.12	0.02	2.2182E-09
rs61272991	T	C	0.05	0.0098213	2.2182E-09
rs80318670	C	T	0.1	0.01	2.2194E-09
rs181816295	A	G	0.11	0.01	2.2208E-09
rs530595437	C	T	0.07	0.01	2.2223E-09
5:64290924_G_A	A	G	0.04	0.0067894	2.2232E-09
rs761073477	T	C	0.03	0.0052761	2.2235E-09
rs144855406	T	C	0.11	0.01	2.224E-09
rs147019317	T	C	0.42	0.07	2.2264E-09
rs114315188	G	A	0.11	0.01	2.2264E-09
rs144262974	T	A	0.11	0.01	2.2264E-09
rs139328955	A	C	0.11	0.01	2.2273E-09
rs115264294	T	G	0.14	0.02	2.2278E-09
rs149022436	T	G	0.12	0.02	2.228E-09
rs138715440	C	A	0.86	0.14	2.2296E-09
rs147296454	A	G	0.86	0.14	2.2296E-09
rs192497836	G	A	0.86	0.14	2.2296E-09
rs9425437	A	G	0.06	0.01	2.2297E-09
rs142949346	G	T	1.35	0.22	2.2299E-09
rs561258551	T	C	0.44	0.07	2.2302E-09
rs115534537	T	G	0.1	0.01	2.2308E-09
rs545322653	T	G	0.03	0.0062337	2.231E-09
rs114563301	C	T	0.11	0.01	2.2333E-09
rs575485905	A	G	0.12	0.02	2.234E-09
rs532794404	T	C	0.11	0.01	2.235E-09
3:89663886_C_T	T	C	0.09	0.01	2.2354E-09
rs147640688	G	A	0.06	0.01	2.2354E-09
rs372264755	C	A	0.11	0.01	2.2361E-09
rs143219152	T	C	0.11	0.01	2.2362E-09
rs114099552	T	C	0.11	0.01	2.2371E-09
rs75984028	C	T	0.06	0.01	2.2391E-09
rs529946954	T	C	0.11	0.01	2.2408E-09
rs115723297	A	G	0.11	0.01	2.2414E-09
rs115793421	C	T	0.11	0.01	2.2414E-09
rs776188247	G	A	0.04	0.0068158	2.2414E-09
rs148464889	A	T	0.11	0.01	2.2427E-09
rs12334044	G	A	0.11	0.01	2.243E-09
rs145802663	T	C	0.06	0.01	2.2456E-09
rs1714260	C	G	0.11	0.01	2.2458E-09
rs199747492	A	T	0.1	0.01	2.2461E-09
rs142930172	G	T	0.25	0.04	2.2469E-09
rs115734848	C	T	0.1	0.01	2.2471E-09
rs141763247	T	C	0.11	0.01	2.2503E-09
rs185676670	C	T	0.15	0.02	2.2537E-09
rs140316380	G	A	0.06	0.01	2.255E-09
rs116765420	A	G	0.05	0.01	2.2552E-09
rs185599102	T	C	0.11	0.01	2.2561E-09
rs17024449	A	C	0.03	0.0054761	2.2562E-09
rs553300407	T	C	0.11	0.01	2.2564E-09
rs73301444	G	A	0.07	0.01	2.2573E-09
rs73706516	A	G	0.11	0.01	2.2581E-09
rs113995806	A	G	0.11	0.01	2.2582E-09
rs138788901	A	G	0.55	0.09	2.2589E-09
rs141904416	T	C	0.12	0.02	2.2614E-09
rs182161201	C	T	0.01	0.0024348	2.2623E-09
rs13405026	A	G	0.1	0.01	2.2638E-09
rs117658828	A	G	0.15	0.02	2.264E-09
rs11994151	A	C	0.1	0.01	2.2657E-09
rs182757718	G	A	0.06	0.01	2.2666E-09
rs192255009	A	G	0.09	0.01	2.2702E-09



rs144342483	A	G	0.11	0.01	2.2708E-09
rs139810235	T	A	0.12	0.02	2.2711E-09
rs114534007	C	T	0.11	0.01	2.2724E-09
rs182172702	T	C	0.12	0.02	2.2733E-09
rs115298907	A	C	0.17	0.02	2.2746E-09
rs149447758	C	T	0.06	0.01	2.2751E-09
rs150082868	G	A	0.11	0.01	2.2752E-09
rs142241642	C	T	0.34	0.05	2.2757E-09
rs114500126	A	G	0.11	0.01	2.2759E-09
rs7816674	T	A	0.11	0.01	2.2772E-09
rs142513634	C	G	0.11	0.01	2.2787E-09
rs184537626	G	C	0.18	0.03	2.2789E-09
rs150038015	C	T	0.22	0.03	2.2793E-09
rs144742839	T	G	0.11	0.01	2.2814E-09
rs143488488	A	G	0.15	0.02	2.283E-09
rs181644063	C	T	0.11	0.01	2.284E-09
rs76642804	A	G	0.11	0.01	2.2841E-09
rs192961585	C	G	0.11	0.01	2.2846E-09
rs144978762	A	G	0.06	0.01	2.2858E-09
rs146232173	C	G	0.12	0.02	2.2861E-09
rs114213440	T	C	0.14	0.02	2.2905E-09
rs143541383	A	G	0.1	0.01	2.2925E-09
rs140312368	C	T	0.11	0.01	2.2937E-09
rs79168745	A	C	0.14	0.02	2.2972E-09
rs112529469	C	A	0.11	0.01	2.2973E-09
rs78003237	T	C	0.11	0.01	2.2988E-09
rs114081982	C	T	0.05	0.01	2.2991E-09
rs73077788	T	C	0.11	0.02	2.2992E-09
rs115775987	A	T	0.11	0.01	2.2999E-09
rs141509127	A	G	0.04	0.0068698	2.3E-09
rs193193830	G	A	0.11	0.02	2.3018E-09
rs116516246	A	C	0.13	0.02	2.3018E-09
rs183425977	G	C	0.16	0.02	2.3032E-09
rs77318680	C	G	0.13	0.02	2.3038E-09
rs140885810	T	A	0.05	0.01	2.3124E-09
rs114577560	G	C	0.05	0.01	2.3124E-09
rs77983734	G	T	0.11	0.01	2.313E-09
rs116752146	C	T	0.11	0.01	2.3139E-09
rs560358579	T	C	0.11	0.01	2.315E-09
rs78193772	C	T	0.11	0.01	2.3153E-09
rs140975275	T	C	0.11	0.01	2.3157E-09
rs112480988	T	C	0.11	0.01	2.3157E-09
rs138813945	A	G	0.11	0.01	2.317E-09
rs114531051	T	C	0.05	0.01	2.3184E-09
rs548882916	A	G	0.05	0.0090267	2.3185E-09
rs115969807	C	A	0.11	0.01	2.3196E-09
rs533271305	C	T	0.11	0.01	2.3212E-09
rs112565039	G	C	0.11	0.01	2.3234E-09
rs180993610	A	G	0.11	0.01	2.3249E-09
rs76803428	A	C	0.07	0.01	2.3266E-09
rs137863668	A	G	0.11	0.01	2.3267E-09
rs560633972	G	A	0.22	0.03	2.327E-09
rs138431920	T	G	0.06	0.01	2.3278E-09
rs75867917	C	T	0.06	0.01	2.3332E-09
rs147534004	T	C	0.11	0.01	2.3333E-09
rs114244752	T	C	0.11	0.01	2.3333E-09
rs145494533	T	G	0.12	0.02	2.3334E-09
rs115543627	A	C	0.11	0.01	2.334E-09
rs149309633	C	A	0.1	0.01	2.3348E-09
rs192516804	G	T	0.1	0.01	2.3369E-09
rs145400154	A	G	0.15	0.02	2.3375E-09

rs11975070	A	G	0.07	0.01	2.3378E-09
rs139711835	T	C	0.06	0.01	2.3406E-09
rs7641367	A	G	0.12	0.02	2.3408E-09
rs7653257	A	T	0.12	0.02	2.3408E-09
rs370374438	G	A	0.05	0.0099248	2.3414E-09
rs186544981	A	T	0.11	0.01	2.3422E-09
rs80051001	T	C	0.11	0.01	2.3423E-09
rs180976884	T	A	0.06	0.01	2.3432E-09
rs116053405	T	C	0.05	0.01	2.3436E-09
rs143070709	C	T	0.11	0.01	2.3439E-09
rs115327807	C	T	0.11	0.01	2.3441E-09
rs556008260	T	C	0.11	0.01	2.345E-09
rs114294410	A	G	0.12	0.02	2.3459E-09
rs530014574	G	A	0.13	0.02	2.3459E-09
rs138020551	T	C	0.11	0.01	2.3462E-09
rs147126557	A	C	0.19	0.03	2.3513E-09
rs79618474	A	G	0.13	0.02	2.3514E-09
rs115472005	G	A	0.06	0.01	2.3518E-09
rs139784297	G	A	0.02	0.0043971	2.3522E-09
rs78137319	A	G	0.06	0.01	2.3525E-09
rs76103287	C	T	0.15	0.02	2.3532E-09
rs78249857	C	T	0.11	0.02	2.3536E-09
rs560494052	G	T	0.07	0.01	2.3545E-09
rs73698740	A	G	0.06	0.01	2.3564E-09
rs28647231	A	T	0.05	0.01	2.3574E-09
rs561413515	A	C	0.11	0.01	2.3585E-09
rs537362797	T	C	0.11	0.01	2.3615E-09
rs187138169	T	C	0.06	0.01	2.3625E-09
rs144474355	C	T	0.04	0.0067956	2.3627E-09
rs143974019	A	G	0.05	0.0096474	2.3652E-09
rs528905224	A	G	0.05	0.0096261	2.3658E-09
rs190757110	T	C	0.11	0.01	2.3672E-09
rs372477669	G	A	0.05	0.0099592	2.3679E-09
rs144190362	T	C	0.05	0.0099775	2.3685E-09
rs587628718	C	T	0.02	0.0034245	2.3695E-09
rs183403138	G	A	0.1	0.01	2.3697E-09
rs372808705	C	T	0.11	0.01	2.373E-09
rs368200213	T	C	0.05	0.0099233	2.375E-09
rs149768541	G	A	0.11	0.01	2.3751E-09
rs150665001	C	A	0.23	0.03	2.3752E-09
rs149582784	T	G	0.11	0.01	2.3764E-09
rs191801040	C	T	0.16	0.02	2.3787E-09
rs114869895	A	G	0.06	0.01	2.3792E-09
rs537751646	A	C	0.05	0.0099232	2.3801E-09
rs569908519	A	T	0.05	0.0099232	2.3801E-09
rs61150883	G	A	0.04	0.008239	2.3804E-09
rs113295793	G	A	0.11	0.02	2.381E-09
rs148284333	T	C	0.11	0.01	2.3825E-09
rs144165691	A	G	0.11	0.01	2.383E-09
rs74319789	T	G	0.04	0.0067838	2.3871E-09
rs528429409	A	C	0.1	0.01	2.3871E-09
rs150973751	G	T	0.11	0.01	2.3878E-09
rs185016468	C	T	0.29	0.04	2.39E-09
rs74135367	G	C	0.15	0.02	2.3911E-09
rs79135186	T	A	0.11	0.01	2.3912E-09
rs115196183	C	T	0.11	0.01	2.3921E-09
rs77859289	A	G	0.11	0.01	2.3921E-09
rs151008445	C	G	0.31	0.05	2.3971E-09
rs116505608	A	T	0.11	0.01	2.3976E-09
rs76167549	T	C	0.22	0.03	2.3987E-09
rs146065682	G	A	0.11	0.01	2.3991E-09

rs7010566	A	G	0.11	0.01	2.3994E-09
rs76884959	T	G	0.11	0.01	2.4002E-09
rs140691565	G	A	0.11	0.01	2.4002E-09
rs149592080	A	G	0.11	0.01	2.4005E-09
rs569123633	A	C	0.13	0.02	2.4006E-09
rs1249425	C	A	0.11	0.01	2.4007E-09
rs181527809	T	C	0.1	0.01	2.4024E-09
rs552097193	T	C	0.14	0.02	2.4028E-09
rs531124326	C	G	0.11	0.01	2.4065E-09
8:115779613_G_A	A	G	0.06	0.01	2.4078E-09
rs146489963	T	C	0.05	0.0099558	2.4089E-09
rs148778904	C	T	0.14	0.02	2.4108E-09
rs554734045	T	C	0.03	0.0066523	2.4113E-09
rs553079342	A	G	0.11	0.02	2.4119E-09
rs28544035	C	A	0.07	0.01	2.412E-09
rs145282687	T	C	0.11	0.01	2.4122E-09
rs76414040	G	A	0.09	0.01	2.4153E-09
rs147573652	A	C	0.11	0.01	2.4154E-09
rs534915048	T	A	0.04	0.0068898	2.4172E-09
rs146792499	G	C	0.25	0.04	2.4177E-09
rs139866419	T	C	0.06	0.01	2.4182E-09
rs6980854	G	A	0.1	0.01	2.4195E-09
rs145220274	C	T	0.11	0.01	2.4208E-09
rs114230281	T	C	0.11	0.02	2.4229E-09
rs112211285	T	C	0.15	0.02	2.4234E-09
rs111871951	T	C	0.11	0.01	2.4237E-09
rs146162171	A	G	0.12	0.02	2.4239E-09
rs115210502	G	C	0.11	0.01	2.4251E-09
rs114079528	G	C	0.12	0.02	2.4259E-09
rs192269055	T	A	0.11	0.01	2.4262E-09
rs369087141	T	C	0.11	0.01	2.4275E-09
rs60332277	G	C	0.04	0.0083582	2.4278E-09
rs150568644	T	C	0.11	0.01	2.4303E-09
rs202217273	T	C	0.05	0.008907	2.4306E-09
rs572459855	A	G	0.11	0.01	2.431E-09
rs569705685	T	G	0.11	0.01	2.431E-09
rs143164606	T	C	0.11	0.01	2.4324E-09
rs753192964	T	C	0.02	0.0049767	2.4325E-09
rs568396394	T	C	0.11	0.01	2.4371E-09
rs150107178	T	C	0.15	0.02	2.4384E-09
rs148927141	G	A	0.05	0.01	2.4405E-09
rs112571720	G	T	0.11	0.01	2.4409E-09
rs144405653	G	T	0.13	0.02	2.4423E-09
rs185059381	G	A	0.11	0.01	2.4432E-09
rs534610401	A	G	0.11	0.01	2.4432E-09
rs146728864	T	C	0.11	0.01	2.4435E-09
rs140710236	A	G	0.12	0.02	2.4436E-09
rs115432241	C	T	0.05	0.0099382	2.4449E-09
rs11117689	C	T	0.11	0.01	2.4451E-09
rs200002181	T	C	0.12	0.02	2.4456E-09
rs557944311	A	G	0.11	0.01	2.4464E-09
rs556641080	T	C	0.11	0.01	2.4464E-09
rs145234344	A	C	0.19	0.03	2.4464E-09
rs76364417	T	G	0.11	0.01	2.4472E-09
rs537040337	A	G	0.25	0.04	2.4473E-09
rs112758642	G	A	0.13	0.02	2.4481E-09
rs148075996	C	T	0.13	0.02	2.4522E-09
rs187438384	A	C	0.11	0.01	2.4566E-09
rs79243867	T	C	0.13	0.02	2.458E-09
rs185710748	C	A	0.11	0.01	2.4582E-09
rs371214860	C	T	0.11	0.01	2.4591E-09

rs73695736	C	G	0.14	0.02	2.4596E-09
rs116098436	T	C	0.04	0.0081295	2.4625E-09
rs111741915	T	C	0.11	0.01	2.4635E-09
rs115598499	T	C	0.11	0.01	2.4636E-09
rs115515498	T	C	0.12	0.02	2.465E-09
rs551512990	C	T	0.11	0.01	2.4679E-09
rs140638248	A	C	1.43	0.24	2.4682E-09
rs141989506	T	C	0.11	0.01	2.4687E-09
rs140656170	C	T	0.19	0.03	2.4708E-09
rs143750153	G	T	0.11	0.01	2.4729E-09
rs530498288	A	G	0.05	0.0088825	2.4776E-09
rs78821306	G	A	0.11	0.01	2.4795E-09
rs572365621	G	A	0.39	0.06	2.4812E-09
rs183124800	T	G	0.06	0.01	2.4816E-09
rs78830049	A	C	0.11	0.01	2.4828E-09
rs186704667	T	C	0.13	0.02	2.4833E-09
rs191167206	C	G	0.11	0.01	2.4849E-09
rs532159477	G	T	0.11	0.01	2.4853E-09
rs9425778	A	G	0.05	0.0099974	2.4855E-09
rs563980213	A	C	0.14	0.02	2.4861E-09
rs78161227	A	G	0.17	0.02	2.4883E-09
rs73346776	A	T	0.2	0.03	2.4891E-09
rs116497350	T	C	0.11	0.01	2.4894E-09
rs116750760	A	G	0.06	0.01	2.4903E-09
rs148540806	T	C	0.11	0.01	2.4903E-09
4:82408480_T_C	C	T	0.02	0.0044252	2.4906E-09
rs183110703	T	C	0.11	0.01	2.4925E-09
rs182761877	T	C	0.11	0.01	2.4929E-09
rs187896985	G	A	0.06	0.01	2.4938E-09
rs752034397	A	C	0.03	0.0054084	2.4943E-09
rs75773779	A	G	0.17	0.02	2.4958E-09
rs192273573	G	A	0.11	0.01	2.4965E-09
rs112306996	T	A	0.11	0.01	2.4975E-09
rs145271341	T	C	0.13	0.02	2.4998E-09
rs180985604	A	T	0.11	0.01	2.503E-09
rs59948747	T	G	0.04	0.0067743	2.5048E-09
rs184304591	A	G	0.09	0.01	2.5058E-09
rs143143237	G	A	0.14	0.02	2.5066E-09
rs535243250	A	C	0.06	0.01	2.5073E-09
rs113124392	T	G	0.13	0.02	2.5105E-09
rs374072161	T	C	0.13	0.02	2.5123E-09
rs111840916	C	T	0.11	0.01	2.5135E-09
rs146219129	A	G	0.07	0.01	2.5151E-09
rs116730646	C	T	0.2	0.03	2.5173E-09
rs9425777	A	G	0.05	0.0099964	2.5176E-09
rs140591022	T	G	0.11	0.02	2.5196E-09
rs113139804	A	G	0.11	0.01	2.5224E-09
rs556054731	G	A	0.18	0.03	2.5224E-09
rs114545676	C	G	0.11	0.01	2.5235E-09
rs143406859	G	A	0.11	0.01	2.5248E-09
rs142573392	T	G	0.15	0.02	2.525E-09
rs757789130	A	G	0.02	0.0046063	2.5252E-09
rs144178210	G	A	0.18	0.03	2.5275E-09
rs142704021	C	T	0.06	0.01	2.5285E-09
rs114291263	G	A	0.21	0.03	2.5299E-09
rs142465005	A	G	0.11	0.01	2.5317E-09
rs74784540	C	T	0.11	0.01	2.534E-09
rs76592255	G	A	0.11	0.01	2.536E-09
rs77796157	T	A	0.06	0.01	2.5368E-09
rs528274614	T	A	0.11	0.01	2.5372E-09
rs78539262	G	A	0.34	0.05	2.5378E-09

rs75161944	A	T	0.11	0.01	2.5384E-09
rs138475476	T	C	0.12	0.02	2.5409E-09
rs144613993	A	T	0.11	0.01	2.541E-09
rs761293906	T	C	0.02	0.0038416	2.5416E-09
rs376645397	T	C	0.15	0.02	2.5425E-09
rs115185789	G	A	0.11	0.02	2.5426E-09
rs181835036	G	C	0.11	0.01	2.5458E-09
rs191367977	A	G	0.11	0.01	2.5475E-09
rs114680454	G	C	0.11	0.01	2.5482E-09
rs74690323	G	C	0.17	0.02	2.5482E-09
rs551607717	A	G	0.11	0.01	2.5483E-09
3:113447940_C_T	T	C	0.04	0.0080243	2.5498E-09
rs147488065	G	T	0.06	0.01	2.5503E-09
rs115447304	A	G	0.11	0.01	2.5507E-09
rs7042863	T	C	0.06	0.01	2.5531E-09
rs116487361	A	G	0.11	0.01	2.5561E-09
rs369137828	C	T	0.07	0.01	2.5572E-09
rs11904493	T	C	0.04	0.0069639	2.5573E-09
rs146256546	G	T	0.16	0.02	2.5585E-09
rs536520792	T	A	0.11	0.01	2.5595E-09
rs539317325	T	A	0.05	0.0099897	2.5637E-09
rs116230930	T	C	0.04	0.0067721	2.5651E-09
rs13417223	A	G	0.05	0.0099448	2.5652E-09
rs115428246	C	T	0.14	0.02	2.566E-09
rs111751658	T	C	0.11	0.01	2.5664E-09
rs143726335	G	T	0.06	0.01	2.5665E-09
rs576930415	G	A	0.11	0.01	2.5674E-09
rs116344111	A	T	0.11	0.01	2.5681E-09
rs59227900	C	A	0.11	0.02	2.5683E-09
rs139829279	T	A	0.11	0.01	2.5689E-09
rs138961202	T	G	0.11	0.01	2.569E-09
rs150582418	C	A	0.11	0.01	2.569E-09
rs145537575	T	C	0.11	0.01	2.5694E-09
rs7692802	C	G	0.11	0.01	2.5716E-09
rs59922837	A	G	0.11	0.01	2.5722E-09
rs143246484	A	G	0.06	0.01	2.5753E-09
rs779152416	A	G	0.02	0.0043586	2.579E-09
rs17145011	A	G	0.11	0.01	2.5793E-09
rs150145720	C	G	0.11	0.01	2.5795E-09
rs561232966	A	T	0.12	0.02	2.5843E-09
rs142116206	C	T	0.11	0.01	2.5871E-09
rs570210051	A	C	0.05	0.0099549	2.5873E-09
rs576410893	C	T	0.2	0.03	2.5886E-09
rs78328646	A	G	0.05	0.0099526	2.5904E-09
rs540368058	G	A	0.13	0.02	2.5908E-09
rs187762455	T	C	0.07	0.01	2.5938E-09
rs548655401	A	G	0.27	0.04	2.5941E-09
rs573154995	A	G	0.11	0.01	2.5942E-09
rs74967375	A	G	0.11	0.01	2.5986E-09
rs563701267	G	A	0.13	0.02	2.5994E-09
rs78291703	T	G	0.04	0.0074028	2.6E-09
rs558013492	T	A	0.11	0.01	2.6013E-09
rs142480351	C	T	0.11	0.01	2.6016E-09
rs113250253	G	C	0.13	0.02	2.6022E-09
rs139898338	A	G	0.06	0.01	2.6044E-09
rs527453719	G	C	0.19	0.03	2.605E-09
rs138337387	G	T	0.14	0.02	2.6052E-09
rs372426636	T	C	0.11	0.01	2.6057E-09
rs550559641	C	A	0.11	0.01	2.6057E-09
rs369017710	C	G	0.65	0.1	2.606E-09
rs200397725	A	C	0.05	0.0085812	2.6064E-09

rs563098988	G	A	0.11	0.01	2.6072E-09
rs545901083	G	A	0.11	0.01	2.6075E-09
rs115413587	A	T	0.11	0.01	2.6076E-09
rs550886946	G	T	0.11	0.01	2.6076E-09
rs114175427	A	T	0.15	0.02	2.6077E-09
rs868976849	G	A	0.1	0.01	2.6081E-09
4:28985364_A_T	T	A	0.06	0.01	2.6081E-09
rs187979239	T	C	0.11	0.01	2.6084E-09
rs564152041	T	C	0.03	0.0058498	2.6088E-09
rs115208348	A	G	0.23	0.03	2.6106E-09
rs114936481	T	C	0.08	0.01	2.6109E-09
rs75460995	C	A	0.11	0.01	2.6115E-09
rs149296589	T	A	0.11	0.01	2.6127E-09
rs145899184	C	A	0.11	0.01	2.6128E-09
9:110196139_A_T	T	A	0.03	0.0066846	2.6131E-09
rs116748840	A	G	0.43	0.07	2.6134E-09
rs59488488	A	G	0.05	0.0099046	2.6158E-09
rs185488065	T	C	0.11	0.01	2.616E-09
rs77117829	G	A	0.11	0.01	2.616E-09
rs114895454	T	C	0.11	0.01	2.6203E-09
rs372419057	G	A	0.11	0.01	2.6233E-09
rs147500843	G	T	0.12	0.02	2.6239E-09
rs138087632	C	T	0.12	0.02	2.6249E-09
rs114558291	C	T	0.11	0.01	2.6259E-09
rs140621958	C	T	0.11	0.01	2.6286E-09
rs138268815	T	C	0.11	0.01	2.629E-09
rs554113179	T	C	0.11	0.02	2.6295E-09
rs78830152	C	T	0.12	0.02	2.6346E-09
rs760626866	A	G	0.03	0.0053756	2.6349E-09
rs146113633	T	C	0.14	0.02	2.6354E-09
rs76300241	C	T	0.12	0.02	2.6355E-09
rs74787506	G	A	0.05	0.0098741	2.6363E-09
rs144799093	T	C	0.06	0.01	2.6365E-09
rs112073876	C	T	0.11	0.01	2.6376E-09
rs116381122	T	C	0.11	0.01	2.6379E-09
rs113206903	A	G	0.11	0.01	2.639E-09
rs547560206	C	T	0.04	0.0067331	2.6393E-09
rs192057827	T	C	0.11	0.01	2.6401E-09
rs149772868	C	T	0.11	0.01	2.6403E-09
rs116070157	T	C	0.07	0.01	2.6403E-09
rs145205789	C	T	0.11	0.01	2.6412E-09
rs10969278	C	T	0.06	0.01	2.6438E-09
rs186778111	A	T	0.11	0.01	2.6439E-09
rs141054611	T	C	0.14	0.02	2.6459E-09
rs117278477	T	C	0.15	0.02	2.6465E-09
rs78579537	C	G	0.05	0.0098764	2.6468E-09
rs143038832	G	A	0.16	0.02	2.6483E-09
rs138931917	G	A	0.05	0.01	2.6515E-09
rs763081732	T	C	0.05	0.0099907	2.6516E-09
rs535954677	A	G	0.14	0.02	2.6517E-09
rs542142918	T	G	0.11	0.01	2.6517E-09
rs370638009	C	G	0.02	0.0042209	2.6519E-09
rs80160460	A	G	0.11	0.01	2.6532E-09
rs76601518	T	C	0.11	0.01	2.6552E-09
rs146610578	T	G	0.11	0.01	2.6568E-09
rs575751250	T	C	0.11	0.01	2.6578E-09
rs78540104	G	A	0.11	0.01	2.6588E-09
rs149918589	T	G	0.2	0.03	2.6595E-09
rs73035690	G	A	0.11	0.01	2.6607E-09
rs140532925	C	A	0.06	0.01	2.6617E-09
rs141475064	T	C	0.1	0.01	2.6646E-09

rs138561539	G	A	0.06	0.01	2.6672E-09
rs548029463	C	T	0.16	0.02	2.6679E-09
rs80179779	T	C	0.04	0.0069351	2.6685E-09
rs116574858	A	T	0.11	0.01	2.6687E-09
rs111536171	C	T	0.11	0.01	2.6691E-09
rs6656810	A	G	0.05	0.0099911	2.6713E-09
rs749497555	A	C	0.05	0.0087831	2.6715E-09
rs555111952	C	G	0.11	0.01	2.6743E-09
rs182161890	A	G	0.07	0.01	2.6752E-09
rs147478007	T	G	0.11	0.02	2.6765E-09
rs148965379	T	A	0.11	0.01	2.6766E-09
rs56013343	C	A	0.14	0.02	2.6767E-09
rs75339134	C	T	0.11	0.01	2.677E-09
rs113344316	C	T	0.11	0.01	2.6782E-09
rs112480873	G	A	0.1	0.01	2.6789E-09
rs114421705	G	A	0.11	0.01	2.6791E-09
rs6959319	C	T	0.11	0.01	2.6793E-09
rs116323375	C	T	0.04	0.0067672	2.6799E-09
rs148774535	C	T	0.13	0.02	2.6808E-09
rs551697308	G	T	0.03	0.0052281	2.6809E-09
4:87821164_T_C	C	T	0.02	0.0044361	2.6821E-09
rs147240347	C	T	0.78	0.13	2.6826E-09
rs192863105	A	G	0.28	0.04	2.6846E-09
rs193098915	T	C	0.12	0.02	2.6861E-09
rs114588112	C	T	0.07	0.01	2.6879E-09
rs115674803	A	G	0.06	0.01	2.6901E-09
rs145321797	A	G	0.28	0.04	2.6902E-09
rs557152602	G	T	0.01	0.0032036	2.6934E-09
rs115405989	A	G	0.11	0.01	2.6934E-09
rs143218460	C	T	0.11	0.01	2.6945E-09
rs115518446	A	G	0.11	0.01	2.697E-09
1:163923081_C_G	G	C	0.06	0.01	2.6984E-09
rs185667826	T	A	0.11	0.01	2.7001E-09
rs146177399	A	T	0.11	0.01	2.7005E-09
rs148530163	A	C	0.11	0.01	2.7011E-09
rs116792754	T	C	0.11	0.01	2.7021E-09
rs7571722	T	C	0.1	0.01	2.7027E-09
rs141850761	A	G	0.1	0.01	2.7041E-09
rs116119255	G	A	0.11	0.01	2.7049E-09
rs543554181	G	A	0.11	0.01	2.7085E-09
rs139061208	A	G	0.11	0.02	2.7096E-09
rs761125690	G	A	0.05	0.0095394	2.71E-09
rs187860549	A	G	0.11	0.01	2.71E-09
rs111872162	A	G	0.13	0.02	2.711E-09
rs116748799	T	A	0.15	0.02	2.712E-09
rs115306952	T	C	0.04	0.0076851	2.7135E-09
rs534046316	T	C	0.13	0.02	2.7155E-09
rs142664398	A	G	0.08	0.01	2.7159E-09
rs74433728	T	G	0.05	0.01	2.7175E-09
rs73841427	A	T	0.12	0.02	2.7177E-09
rs557487546	T	A	0.1	0.01	2.7179E-09
rs535247099	C	T	0.11	0.01	2.7182E-09
rs143012541	G	T	0.11	0.01	2.7186E-09
rs556141390	G	A	0.04	0.0076673	2.7187E-09
rs559081573	C	G	0.11	0.02	2.7187E-09
rs146057377	G	A	0.06	0.01	2.7193E-09
rs79068154	C	T	0.05	0.0099976	2.7194E-09
rs76449942	T	C	0.11	0.01	2.72E-09
rs7349166	A	T	0.05	0.0099731	2.7227E-09
rs114559387	A	G	0.12	0.02	2.7247E-09
rs76287109	A	G	0.11	0.02	2.7257E-09

rs149741347	C	G	0.42	0.07	2.7264E-09
rs540779284	A	G	0.11	0.01	2.7277E-09
rs138617349	A	G	0.11	0.01	2.7293E-09
rs141238544	G	T	0.11	0.01	2.7302E-09
rs147053759	T	C	0.17	0.02	2.7305E-09
rs77007230	T	C	0.1	0.01	2.7313E-09
rs532479567	G	A	0.04	0.0070301	2.732E-09
rs114839668	A	G	0.11	0.01	2.7335E-09
rs60334125	A	G	0.11	0.02	2.7341E-09
rs567076675	A	T	0.11	0.01	2.7353E-09
rs552494940	C	T	0.15	0.02	2.7371E-09
rs111384494	T	G	0.11	0.01	2.7388E-09
rs77382085	A	C	0.31	0.05	2.7393E-09
rs115166952	C	T	0.11	0.01	2.7407E-09
rs116713433	A	G	0.14	0.02	2.7415E-09
rs113464236	T	C	0.11	0.02	2.7449E-09
rs9425771	G	A	0.05	0.0099723	2.7461E-09
rs73153355	T	C	0.11	0.01	2.7462E-09
rs77985012	G	A	0.02	0.0047492	2.7464E-09
rs530718772	A	G	0.16	0.02	2.7468E-09
rs566650311	G	A	0.05	0.0094758	2.7474E-09
rs116356469	A	G	0.05	0.01	2.7491E-09
rs116837080	T	C	0.09	0.01	2.7506E-09
rs140487733	G	C	0.11	0.01	2.7513E-09
rs142854351	T	C	0.04	0.0069842	2.7513E-09
rs116349447	G	A	0.06	0.01	2.7524E-09
rs140704634	T	C	0.11	0.01	2.7532E-09
rs113168012	T	C	0.11	0.01	2.7564E-09
rs34830630	T	G	0.12	0.02	2.7571E-09
rs76330687	A	G	0.07	0.01	2.7577E-09
rs77451013	C	G	0.15	0.02	2.7579E-09
rs182200708	A	G	0.12	0.02	2.759E-09
rs150250068	T	A	0.11	0.01	2.7633E-09
rs549392160	T	C	0.16	0.02	2.7636E-09
rs115393517	T	C	0.1	0.01	2.7646E-09
rs2004245	T	C	0.04	0.0069492	2.7658E-09
rs542458962	T	C	0.15	0.02	2.7674E-09
rs147918428	A	G	0.12	0.02	2.7678E-09
rs776577486	A	G	0.02	0.0049494	2.7702E-09
rs771856547	G	A	0.06	0.01	2.7761E-09
rs58825773	C	T	0.13	0.02	2.7777E-09
rs141622256	T	A	0.1	0.01	2.7792E-09
rs770618041	T	C	0.03	0.005109	2.7797E-09
rs58425568	C	T	0.11	0.01	2.7834E-09
rs147493431	G	C	0.37	0.06	2.7859E-09
rs571874335	A	G	0.11	0.01	2.7873E-09
rs79348676	T	C	0.11	0.01	2.7884E-09
rs148199635	A	G	0.11	0.01	2.7885E-09
rs144114378	G	A	0.05	0.0088731	2.7904E-09
rs12084209	A	G	0.06	0.01	2.7907E-09
rs112679654	C	G	0.11	0.01	2.7909E-09
rs143492838	C	T	0.11	0.01	2.7909E-09
rs59778484	A	C	0.14	0.02	2.7942E-09
rs78502954	A	G	0.11	0.01	2.7951E-09
rs566821839	T	A	0.22	0.03	2.7956E-09
rs144379171	A	G	0.05	0.0099659	2.7983E-09
rs13373934	G	A	0.04	0.0067628	2.7986E-09
rs149049897	T	C	0.12	0.02	2.7987E-09
rs113161184	T	C	0.1	0.01	2.7995E-09
rs114722933	A	T	0.05	0.0099656	2.7998E-09
rs144829951	C	T	0.13	0.02	2.8012E-09



rs188072024	T	G	0.1	0.01	2.8022E-09
rs565460069	T	C	0.14	0.02	2.8072E-09
rs116773833	T	C	0.05	0.009779	2.8074E-09
rs75498583	C	T	0.04	0.0067631	2.8094E-09
4:108055943_A_C	C	A	0.03	0.0065689	2.8097E-09
rs114000126	T	C	0.11	0.01	2.81E-09
rs186701112	A	G	0.18	0.03	2.8126E-09
rs117905334	A	C	0.46	0.07	2.813E-09
rs186595532	A	T	0.11	0.01	2.8133E-09
rs148775645	A	T	0.11	0.01	2.8149E-09
rs542290448	A	T	0.04	0.0082366	2.8178E-09
rs115340047	G	A	0.12	0.02	2.8188E-09
rs7866917	G	T	0.05	0.01	2.8202E-09
rs192150931	A	G	0.11	0.01	2.8242E-09
rs7800742	G	C	0.04	0.0067363	2.827E-09
rs570274505	C	G	0.04	0.0073279	2.828E-09
rs148759249	A	G	0.11	0.01	2.8309E-09
rs79675348	A	G	0.11	0.01	2.8313E-09
rs16865488	T	G	0.05	0.01	2.8348E-09
rs111903590	A	G	0.03	0.0053264	2.8349E-09
rs142118081	T	C	0.11	0.01	2.8387E-09
rs530562401	A	G	0.1	0.01	2.846E-09
rs541432624	A	G	0.29	0.05	2.85E-09
rs78554228	C	G	0.1	0.01	2.851E-09
rs151102059	G	C	0.11	0.01	2.8514E-09
rs79399962	T	G	0.11	0.01	2.8523E-09
rs78072594	A	C	0.05	0.0099515	2.8524E-09
rs192389810	T	C	0.11	0.02	2.8535E-09
rs186502944	A	G	0.04	0.0078289	2.8542E-09
rs77943024	A	G	0.11	0.01	2.855E-09
rs116181969	G	C	0.11	0.01	2.8552E-09
rs189064819	A	G	0.01	0.0030465	2.8578E-09
rs144801885	A	C	0.11	0.01	2.859E-09
rs114181235	C	T	0.11	0.01	2.8594E-09
rs372541468	G	A	0.42	0.07	2.8612E-09
rs114073860	A	G	0.16	0.02	2.8623E-09
rs116046703	A	G	0.13	0.02	2.8646E-09
rs111241478	T	G	0.12	0.02	2.8653E-09
rs573794504	C	T	0.14	0.02	2.8669E-09
rs78989313	G	A	0.11	0.01	2.8677E-09
rs112107436	C	T	0.12	0.02	2.8717E-09
rs111623849	T	C	0.13	0.02	2.8759E-09
rs189151079	G	A	0.11	0.01	2.8761E-09
rs74768406	G	A	0.1	0.01	2.8793E-09
rs114922876	T	C	0.11	0.01	2.8813E-09
rs563223863	A	G	0.11	0.01	2.8819E-09
rs113448201	A	G	0.11	0.01	2.8827E-09
rs556739248	A	G	0.11	0.01	2.8843E-09
8:98148682_A_T	T	A	0.05	0.009706	2.8857E-09
rs116988235	T	C	0.13	0.02	2.8881E-09
rs116451193	C	T	0.11	0.01	2.8886E-09
rs111793628	A	G	0.11	0.01	2.8893E-09
rs114472137	C	G	0.11	0.01	2.8895E-09
rs115148270	A	G	0.11	0.01	2.8904E-09
rs115117613	T	A	0.06	0.01	2.8914E-09
rs115700345	C	T	0.11	0.01	2.8936E-09
rs564844650	C	G	0.11	0.01	2.8961E-09
rs186212905	A	T	0.12	0.02	2.8978E-09
rs189849843	C	G	0.11	0.01	2.9016E-09
rs116417572	T	C	0.06	0.01	2.9017E-09
rs76861832	T	C	0.35	0.05	2.9038E-09

rs144444834	T	G	0.11	0.02	2.9052E-09
rs182678372	T	C	0.04	0.0068613	2.9119E-09
rs182343191	C	A	0.11	0.01	2.912E-09
rs143001842	C	T	0.11	0.01	2.9123E-09
rs74350883	T	C	0.07	0.01	2.9141E-09
rs144987003	G	A	0.11	0.01	2.9167E-09
rs182792080	T	C	0.08	0.01	2.9176E-09
rs141053167	T	C	0.11	0.01	2.9186E-09
rs770066381	A	T	0.04	0.0071425	2.92E-09
rs115090902	A	C	0.06	0.01	2.9281E-09
rs369394698	A	G	0.05	0.0098809	2.9287E-09
rs115705673	G	A	0.11	0.01	2.9288E-09
rs75881213	G	C	0.11	0.01	2.9297E-09
rs149490711	T	G	0.05	0.0099031	2.9299E-09
rs114800111	A	G	0.11	0.01	2.9303E-09
rs80168785	T	A	0.11	0.01	2.9306E-09
rs114409105	C	T	0.06	0.01	2.9313E-09
rs140175937	T	A	0.11	0.01	2.9315E-09
rs114521098	G	A	0.11	0.01	2.9326E-09
rs150834988	C	T	0.11	0.01	2.9327E-09
rs188982262	A	G	0.11	0.01	2.9339E-09
rs113264145	G	A	0.11	0.01	2.9358E-09
rs140999788	G	A	0.11	0.01	2.9433E-09
rs138528171	C	G	0.15	0.02	2.9456E-09
rs74987421	T	C	0.05	0.0098105	2.9498E-09
rs115180625	T	A	0.11	0.01	2.9505E-09
rs59797824	T	C	0.12	0.02	2.9509E-09
rs150961149	G	T	0.11	0.01	2.9523E-09
rs76387353	G	A	0.1	0.01	2.9527E-09
rs142735354	T	C	0.11	0.01	2.9528E-09
rs76423792	G	A	0.11	0.01	2.9529E-09
rs138711041	G	T	0.09	0.01	2.9534E-09
rs114172635	G	A	0.11	0.01	2.9545E-09
rs187992569	G	C	0.44	0.07	2.9545E-09
rs151016507	G	A	0.11	0.01	2.9554E-09
rs538423770	T	C	1.54	0.26	2.9561E-09
rs368892901	A	T	0.05	0.0099316	2.9564E-09
rs114750115	T	C	0.11	0.01	2.9564E-09
rs75946190	A	G	0.07	0.01	2.9576E-09
rs143490058	G	A	0.11	0.01	2.9576E-09
rs528312931	T	A	0.04	0.0072099	2.9583E-09
rs58554163	T	C	0.11	0.01	2.9588E-09
rs150366518	G	T	0.06	0.01	2.959E-09
rs139782248	C	T	0.11	0.02	2.9604E-09
rs77810629	C	A	0.11	0.01	2.9614E-09
rs79560581	G	A	0.11	0.01	2.9616E-09
rs73121216	T	G	0.1	0.01	2.9629E-09
rs116359737	C	T	0.06	0.01	2.9629E-09
rs138544936	T	C	0.14	0.02	2.9633E-09
rs561052057	G	A	0.06	0.01	2.9642E-09
rs749613118	T	C	0.03	0.0059043	2.9654E-09
rs114183387	T	G	0.11	0.01	2.9687E-09
rs17246030	A	G	0.05	0.0094862	2.9702E-09
rs116655989	T	C	0.11	0.01	2.9715E-09
rs116635850	G	A	0.11	0.02	2.9728E-09
rs115872968	T	C	0.14	0.02	2.9731E-09
rs551145037	G	A	0.04	0.0078749	2.9733E-09
rs143435398	T	C	0.33	0.05	2.9743E-09
rs145778760	G	A	0.12	0.02	2.9745E-09
rs115195557	A	G	0.13	0.02	2.9775E-09
rs188070144	G	A	0.16	0.02	2.9779E-09

rs144029715	T	C	0.06	0.01	2.9784E-09
rs10465906	A	G	0.11	0.01	2.9785E-09
rs188054771	T	C	0.12	0.02	2.9811E-09
rs73457484	G	A	0.11	0.01	2.9826E-09
rs80284478	G	A	0.06	0.01	2.9829E-09
rs13438810	T	C	0.13	0.02	2.983E-09
2:224941409_A_G	G	A	0.04	0.0067922	2.9848E-09
rs187132667	T	C	0.11	0.01	2.9857E-09
rs74790430	G	A	0.11	0.01	2.9857E-09
rs115900068	G	A	0.11	0.01	2.9896E-09
rs77109109	A	G	0.05	0.01	2.9934E-09
rs112359031	G	A	0.11	0.01	3.0011E-09
rs77930922	T	G	0.1	0.01	3.0013E-09
rs112091421	T	C	0.06	0.01	3.002E-09
rs557892389	G	A	0.07	0.01	3.0036E-09
rs141047273	G	T	0.11	0.01	3.0109E-09
rs180983497	C	T	0.15	0.02	3.0129E-09
rs77050626	A	G	0.11	0.01	3.014E-09
rs75805216	T	A	0.15	0.02	3.0158E-09
rs138166909	C	T	0.11	0.01	3.0167E-09
rs138347442	T	C	0.11	0.01	3.0184E-09
rs181835113	G	T	0.11	0.01	3.0211E-09
rs4513540	A	T	0.11	0.01	3.0252E-09
rs190637032	G	A	0.12	0.02	3.0262E-09
rs185614977	C	G	0.17	0.02	3.029E-09
rs78089089	C	T	0.06	0.01	3.0321E-09
rs1676155	C	T	-0.06	0.01	3.0337E-09
rs556532483	G	A	0.14	0.02	3.0343E-09
rs557661751	T	C	0.08	0.01	3.0344E-09
rs114253526	T	C	0.13	0.02	3.0352E-09
rs541004346	C	T	0.12	0.02	3.0374E-09
rs141199240	C	T	0.05	0.0099212	3.0403E-09
rs116798220	G	T	0.28	0.04	3.0408E-09
rs552509295	T	C	0.03	0.0052947	3.0432E-09
rs147854680	A	G	0.06	0.01	3.0443E-09
rs114969186	C	T	0.15	0.02	3.045E-09
rs73513398	C	T	0.11	0.01	3.0472E-09
rs184684486	C	G	0.11	0.01	3.0474E-09
rs145070910	A	C	0.13	0.02	3.0484E-09
rs535011022	C	T	0.04	0.0075999	3.0493E-09
rs143961757	G	A	0.13	0.02	3.05E-09
rs138073138	T	C	0.11	0.01	3.0511E-09
rs148099283	A	G	0.11	0.01	3.0515E-09
rs150053209	A	G	0.11	0.01	3.0521E-09
rs118184823	T	G	0.11	0.02	3.0529E-09
rs114268450	T	G	0.11	0.01	3.0542E-09
rs141286553	C	T	0.11	0.01	3.0552E-09
rs117631777	G	C	0.07	0.01	3.0572E-09
rs149462090	A	G	0.11	0.01	3.0628E-09
rs769711592	G	C	0.05	0.0092727	3.0658E-09
rs145532223	T	C	0.11	0.02	3.0666E-09
rs370992652	A	T	0.17	0.02	3.0666E-09
rs141651269	T	G	0.11	0.01	3.0688E-09
rs141683291	C	A	0.14	0.02	3.0691E-09
rs79051591	A	C	0.11	0.01	3.071E-09
rs55938940	C	T	0.11	0.01	3.0746E-09
rs140141816	T	C	0.12	0.02	3.0778E-09
rs139097993	G	A	0.11	0.01	3.0792E-09
rs184060540	A	G	0.04	0.0075203	3.0806E-09
rs370285299	G	T	0.11	0.01	3.0822E-09
rs191242164	A	G	0.13	0.02	3.0836E-09

rs147026898	T	G	0.11	0.01	3.086E-09
rs148288326	T	A	0.11	0.02	3.0863E-09
rs146119212	C	G	0.11	0.01	3.0882E-09
rs114476646	T	A	0.11	0.01	3.0893E-09
rs115071961	A	G	0.06	0.01	3.0897E-09
4:184211436_G_A	A	G	0.03	0.0060271	3.0909E-09
rs143600786	G	C	0.05	0.0099668	3.0909E-09
rs6709989	T	A	0.12	0.02	3.0911E-09
rs115918832	G	A	0.05	0.00992	3.0911E-09
rs190475760	G	A	0.11	0.01	3.0934E-09
rs149058769	A	G	0.11	0.01	3.0937E-09
rs73090730	A	G	0.11	0.01	3.0947E-09
rs79308882	A	G	0.14	0.02	3.0973E-09
rs145398673	T	C	0.1	0.01	3.0979E-09
rs185627783	T	G	0.21	0.03	3.0993E-09
rs115384947	C	A	0.12	0.02	3.0997E-09
rs141039508	T	C	0.06	0.01	3.1045E-09
rs10282029	G	A	0.11	0.01	3.1053E-09
rs149888780	A	G	0.03	0.0067306	3.1057E-09
rs78742648	A	G	0.08	0.01	3.1067E-09
rs577761833	G	A	0.08	0.01	3.1092E-09
rs78457508	C	A	0.1	0.01	3.112E-09
rs541255962	G	T	0.12	0.02	3.1133E-09
rs148049423	A	G	0.11	0.02	3.114E-09
rs748398899	G	A	0.03	0.0065909	3.1178E-09
rs114417911	C	A	0.23	0.03	3.1178E-09
rs189595210	T	C	0.1	0.01	3.118E-09
rs148100937	A	G	0.11	0.01	3.1183E-09
rs181212617	A	G	0.05	0.01	3.1192E-09
rs74514053	T	C	0.06	0.01	3.121E-09
rs76871062	A	G	0.11	0.01	3.1215E-09
rs184611416	T	A	0.03	0.0065095	3.1217E-09
4:90525483_G_A	A	G	0.02	0.0043066	3.1252E-09
rs140321846	T	G	0.1	0.01	3.1256E-09
rs373291283	A	G	0.06	0.01	3.1258E-09
rs549124616	A	C	0.13	0.02	3.1264E-09
rs573087767	C	T	0.11	0.01	3.127E-09
rs72885733	A	C	0.11	0.01	3.1287E-09
rs79119625	C	T	0.11	0.02	3.1289E-09
rs140944864	C	T	1.53	0.25	3.1297E-09
rs191785050	T	A	0.06	0.01	3.1299E-09
rs116634393	T	C	0.13	0.02	3.1302E-09
rs540448502	G	T	0.13	0.02	3.1311E-09
rs781078449	C	T	0.03	0.0064439	3.1322E-09
rs192164820	T	C	0.14	0.02	3.1337E-09
rs190333346	G	A	0.15	0.02	3.1372E-09
rs146979529	T	C	0.11	0.01	3.1377E-09
rs114331168	T	C	0.3	0.05	3.1392E-09
rs535376205	T	C	0.06	0.01	3.1406E-09
rs181490985	T	G	0.06	0.01	3.1413E-09
rs150422976	G	T	0.05	0.01	3.1416E-09
rs181270906	T	C	0.11	0.01	3.1424E-09
rs116790135	T	C	0.11	0.01	3.1431E-09
rs139640931	T	G	0.09	0.01	3.1436E-09
rs199948369	A	G	0.17	0.02	3.1464E-09
rs191875056	T	C	0.06	0.01	3.1471E-09
rs202071967	A	G	0.18	0.03	3.1504E-09
rs73671310	C	A	0.18	0.03	3.1504E-09
rs373115629	T	C	0.21	0.03	3.1505E-09
rs73668203	T	C	0.18	0.03	3.1514E-09
rs73668204	C	G	0.18	0.03	3.1514E-09

rs562176166	G	A	0.11	0.01	3.1527E-09
rs182828750	T	C	0.05	0.0088369	3.153E-09
rs540500722	T	C	0.12	0.02	3.1573E-09
rs150255651	C	A	0.12	0.02	3.1582E-09
rs369449977	C	T	0.1	0.01	3.1599E-09
rs148980180	T	C	0.11	0.02	3.1612E-09
rs77977230	G	T	0.03	0.0061762	3.1623E-09
rs146022672	A	G	0.11	0.01	3.1624E-09
rs140586512	G	A	0.13	0.02	3.1637E-09
rs12095048	C	T	0.27	0.04	3.1652E-09
rs374059142	T	C	0.06	0.01	3.1666E-09
rs186800377	T	C	0.12	0.02	3.1667E-09
rs16925088	C	G	0.11	0.01	3.1695E-09
rs139070507	C	G	0.05	0.009856	3.1707E-09
rs74848025	A	T	0.11	0.01	3.1708E-09
rs115539947	C	T	0.11	0.01	3.171E-09
rs551107384	A	G	0.1	0.01	3.1732E-09
rs141732764	T	C	0.05	0.0095938	3.1735E-09
rs138134062	A	G	0.1	0.01	3.1748E-09
rs78434678	C	A	0.11	0.01	3.1757E-09
rs114867179	T	C	0.11	0.01	3.1763E-09
rs115358750	T	C	0.21	0.03	3.1818E-09
rs7519697	A	G	0.03	0.0067403	3.1824E-09
rs148348246	G	A	0.09	0.01	3.183E-09
rs73940864	T	G	0.13	0.02	3.184E-09
rs73712225	T	A	0.06	0.01	3.1842E-09
rs147223863	A	T	0.05	0.0099251	3.1848E-09
rs181680222	A	G	0.11	0.01	3.1861E-09
rs149002227	T	G	0.14	0.02	3.1868E-09
rs78112869	G	C	0.13	0.02	3.1868E-09
rs114791844	A	G	0.05	0.0099119	3.1889E-09
rs764387103	G	A	0.01	0.0028544	3.1898E-09
rs114409257	G	A	0.13	0.02	3.1899E-09
rs78152069	G	A	0.12	0.02	3.1915E-09
rs576059067	C	A	0.1	0.01	3.1917E-09
rs7701851	T	A	0.05	0.009604	3.1922E-09
rs75765918	G	T	0.05	0.0086994	3.1944E-09
rs76200199	G	T	0.11	0.01	3.1971E-09
rs140665117	C	T	0.11	0.01	3.2012E-09
rs143827613	T	C	0.11	0.01	3.2029E-09
rs114146682	C	T	0.11	0.01	3.2043E-09
5:99410796_G_T	T	G	0.11	0.01	3.2045E-09
rs141943971	T	C	0.14	0.02	3.2065E-09
rs184019582	T	C	0.08	0.01	3.2083E-09
rs763797785	G	A	0.02	0.0042865	3.2102E-09
rs28938796	C	T	0.11	0.01	3.2107E-09
rs148487739	T	C	0.11	0.01	3.2117E-09
rs76255318	T	G	0.11	0.01	3.2125E-09
rs188488047	G	A	0.26	0.04	3.2129E-09
rs77848543	A	G	0.11	0.01	3.2147E-09
rs114803415	T	G	0.12	0.02	3.215E-09
rs76251688	G	A	0.1	0.01	3.2162E-09
rs150076894	C	T	0.11	0.01	3.2209E-09
rs146002371	G	T	0.05	0.0099543	3.2214E-09
rs529527582	G	A	0.11	0.01	3.2224E-09
rs140903013	A	G	0.29	0.05	3.2224E-09
rs142773940	T	C	0.11	0.01	3.2253E-09
rs143260235	A	T	0.12	0.02	3.2254E-09
rs112143210	A	G	0.05	0.0099678	3.2255E-09
rs186365139	G	T	0.24	0.04	3.2267E-09
rs149174337	C	T	0.11	0.01	3.2332E-09

rs112524196	A	G	0.04	0.0069768	3.2332E-09
rs767940158	T	C	0.06	0.01	3.2332E-09
rs114982645	G	A	0.11	0.01	3.2345E-09
rs16886669	A	G	0.15	0.02	3.2346E-09
rs185042405	C	T	0.59	0.1	3.2348E-09
rs149022726	G	A	0.11	0.01	3.2377E-09
rs115906492	A	C	0.11	0.01	3.2408E-09
rs138547093	A	G	0.11	0.01	3.2428E-09
rs139937566	A	G	0.06	0.01	3.2431E-09
rs113119326	T	C	0.06	0.01	3.2452E-09
rs144608087	T	C	0.05	0.0099071	3.2452E-09
rs116758155	A	C	0.05	0.009907	3.246E-09
rs185150293	C	G	0.12	0.02	3.2479E-09
rs114129172	A	G	0.11	0.01	3.2487E-09
rs78760869	C	G	0.03	0.0067373	3.2509E-09
rs192934277	C	A	0.45	0.07	3.2521E-09
rs115464349	A	G	0.13	0.02	3.2522E-09
rs184818105	G	T	0.12	0.02	3.2527E-09
rs569511269	T	C	0.06	0.01	3.253E-09
rs190836832	T	C	0.11	0.01	3.2549E-09
rs11938747	A	G	0.21	0.03	3.2561E-09
rs76815096	C	T	0.11	0.01	3.2588E-09
rs145209265	C	G	0.06	0.01	3.2591E-09
rs188436074	T	A	0.12	0.02	3.2597E-09
rs185496625	T	C	0.66	0.11	3.2606E-09
rs143112373	A	G	0.11	0.02	3.263E-09
rs192562650	T	C	0.03	0.0058388	3.2649E-09
rs187566243	G	A	0.05	0.0099543	3.2665E-09
rs371068045	G	T	0.11	0.01	3.2667E-09
rs554131819	A	G	0.03	0.0066563	3.2671E-09
rs141327704	G	T	0.11	0.01	3.271E-09
rs114720457	G	C	0.11	0.01	3.2736E-09
rs754086692	T	C	0.04	0.00682	3.2759E-09
rs574264787	C	T	0.12	0.02	3.2763E-09
rs146688955	C	T	0.11	0.01	3.2772E-09
rs557442081	C	A	0.05	0.0085877	3.28E-09
rs114521496	A	G	0.05	0.0099634	3.2828E-09
rs368236486	G	A	0.11	0.01	3.2832E-09
rs12345133	G	A	0.11	0.01	3.2876E-09
rs73654253	A	G	0.03	0.0062113	3.2888E-09
rs139045661	T	A	0.11	0.01	3.2899E-09
rs145646530	T	A	0.11	0.01	3.2906E-09
rs551367771	G	C	0.11	0.01	3.2916E-09
rs139358774	A	G	0.11	0.01	3.2937E-09
rs566751106	A	C	0.01	0.0032117	3.2958E-09
rs143401776	C	T	0.11	0.01	3.3011E-09
rs539416515	T	A	0.04	0.0071137	3.3015E-09
rs112448792	C	T	0.11	0.01	3.3044E-09
rs77922374	G	A	0.11	0.01	3.3049E-09
rs60769349	T	A	0.12	0.02	3.3082E-09
rs77792921	T	C	0.11	0.01	3.3103E-09
rs6853137	G	A	0.11	0.01	3.3125E-09
rs540468168	T	C	0.12	0.02	3.3161E-09
rs139088689	T	C	0.11	0.01	3.3167E-09
rs528826230	T	C	0.02	0.0038921	3.3176E-09
rs9819262	G	A	0.04	0.0069558	3.318E-09
rs144048488	A	G	0.05	0.0099014	3.3191E-09
rs185015331	A	G	0.11	0.01	3.3194E-09
rs144677504	T	C	0.05	0.01	3.3205E-09
rs114330154	G	A	0.07	0.01	3.3225E-09
rs74566216	C	A	0.11	0.02	3.3258E-09

rs148703362	C	T	0.05	0.01	3.3265E-09
rs7810798	G	A	0.11	0.01	3.3282E-09
rs148073678	T	G	0.09	0.01	3.3291E-09
rs587670511	T	C	0.04	0.0070412	3.3299E-09
rs2442480	C	A	-0.11	0.01	3.331E-09
rs150291921	A	G	0.05	0.0099007	3.333E-09
rs533822145	A	G	0.28	0.04	3.3346E-09
rs7722010	G	A	0.14	0.02	3.3352E-09
rs143301120	A	C	0.11	0.01	3.3384E-09
rs111667990	G	T	0.08	0.01	3.3404E-09
rs564284363	T	C	0.14	0.02	3.3408E-09
rs562223486	C	A	0.34	0.05	3.341E-09
rs145920587	G	A	0.11	0.01	3.3418E-09
rs186096172	T	C	0.05	0.0099407	3.343E-09
rs143051429	A	G	0.11	0.01	3.3439E-09
rs73682512	A	T	0.05	0.0099373	3.344E-09
rs116801368	C	G	0.11	0.01	3.3457E-09
rs576972706	G	T	0.13	0.02	3.3466E-09
rs538890680	T	G	0.1	0.01	3.3474E-09
7:141038087_A_T	T	A	0.03	0.0053494	3.3477E-09
rs186277922	C	T	0.13	0.02	3.3493E-09
rs72621952	A	C	0.11	0.01	3.3517E-09
rs758807385	T	C	0.02	0.0041859	3.3522E-09
rs17149530	G	C	0.11	0.01	3.3522E-09
rs182427790	A	G	0.11	0.01	3.3535E-09
rs757251561	A	G	0.01	0.0032128	3.3543E-09
rs114566880	C	T	0.11	0.01	3.3559E-09
rs141322305	A	G	1.34	0.22	3.3576E-09
rs544414	A	C	0.11	0.01	3.3583E-09
rs56721490	C	A	0.11	0.01	3.3593E-09
rs74348506	T	C	0.13	0.02	3.36E-09
rs146887611	G	A	0.11	0.01	3.3601E-09
rs149708947	G	A	0.11	0.01	3.3604E-09
rs551011374	G	T	0.18	0.03	3.3605E-09
rs767348930	G	C	0.02	0.0047179	3.3613E-09
rs373310654	G	A	0.13	0.02	3.3624E-09
rs75621603	G	A	0.11	0.01	3.3756E-09
rs116577054	T	C	0.15	0.02	3.3757E-09
rs747011061	G	A	0.03	0.0067032	3.3817E-09
rs77393100	A	C	0.11	0.01	3.3884E-09
rs150161360	A	G	0.11	0.01	3.3894E-09
rs115727969	C	A	0.05	0.01	3.3944E-09
rs140783135	T	C	0.08	0.01	3.3956E-09
rs10082296	T	A	0.05	0.0099593	3.3961E-09
rs116211055	T	C	0.12	0.02	3.3961E-09
rs76876019	G	A	0.05	0.0099441	3.3969E-09
rs78902870	T	C	0.11	0.01	3.3986E-09
rs184573596	C	G	0.14	0.02	3.3997E-09
rs780712550	A	G	0.05	0.0096771	3.4005E-09
rs144209389	A	G	0.04	0.0067921	3.4041E-09
rs573270278	G	A	0.11	0.01	3.4054E-09
rs146443839	G	A	0.11	0.01	3.4112E-09
rs560896283	A	G	0.06	0.01	3.4182E-09
rs114073731	C	T	0.15	0.02	3.4222E-09
rs182373504	G	T	0.14	0.02	3.4269E-09
rs114321067	C	T	0.05	0.0099555	3.4292E-09
rs374702990	T	C	0.13	0.02	3.4298E-09
rs73805506	T	C	0.04	0.0068939	3.4303E-09
rs139234118	T	G	0.1	0.01	3.4308E-09
rs6858869	C	T	0.19	0.03	3.4337E-09
rs137918477	T	C	0.05	0.0099978	3.4356E-09

rs73741422	C	T	0.08	0.01	3.4379E-09
rs151138885	A	G	0.05	0.0099504	3.4387E-09
rs116217079	G	T	0.07	0.01	3.4423E-09
rs188891874	G	T	0.11	0.01	3.4443E-09
rs6972339	T	G	0.05	0.0095915	3.4446E-09
rs115479537	G	C	0.11	0.01	3.4446E-09
rs115045006	T	C	0.06	0.01	3.4454E-09
rs555107304	A	G	0.06	0.01	3.4457E-09
rs80216536	G	A	0.12	0.02	3.4491E-09
rs546678556	G	C	0.12	0.02	3.4496E-09
rs1986355	C	T	0.14	0.02	3.45E-09
rs562684863	T	C	0.03	0.0067458	3.4521E-09
rs544704683	T	A	0.59	0.1	3.456E-09
rs114695528	C	G	0.11	0.01	3.4599E-09
rs142079801	G	A	0.05	0.0099518	3.4602E-09
rs76068230	C	T	0.07	0.01	3.4603E-09
rs143528445	T	A	0.1	0.01	3.4607E-09
rs150096338	A	G	0.11	0.01	3.4635E-09
rs181367873	T	C	0.03	0.0065398	3.4643E-09
rs151150121	T	C	0.14	0.02	3.4646E-09
rs115499604	T	C	0.15	0.02	3.4667E-09
rs116391731	G	A	0.06	0.01	3.4673E-09
rs149707524	G	A	0.11	0.01	3.4678E-09
rs114057541	C	A	0.05	0.0098496	3.4683E-09
rs145523199	C	T	0.03	0.0067087	3.4747E-09
rs114602485	A	G	0.03	0.0067087	3.4747E-09
rs75883018	A	C	0.11	0.01	3.4747E-09
rs369039982	A	G	0.12	0.02	3.4753E-09
rs149918492	A	C	0.13	0.02	3.4797E-09
rs74389357	G	C	0.11	0.01	3.4798E-09
rs115081586	C	T	0.04	0.0067898	3.4807E-09
rs79927736	G	A	0.41	0.07	3.4827E-09
rs145858585	C	T	0.03	0.0067081	3.4832E-09
rs76739775	G	C	0.05	0.0099281	3.4832E-09
rs575358896	C	T	0.11	0.01	3.4835E-09
rs145303516	A	G	0.16	0.02	3.4842E-09
rs144337713	A	G	0.11	0.01	3.4844E-09
rs116773173	A	G	0.05	0.0099511	3.4858E-09
rs376477297	C	G	0.11	0.01	3.4861E-09
rs79960743	T	G	0.08	0.01	3.4863E-09
rs138384324	A	G	0.03	0.0067081	3.4867E-09
rs143035392	C	T	0.11	0.01	3.4874E-09
rs11811240	A	T	0.02	0.0047168	3.4895E-09
rs376523102	A	T	0.06	0.01	3.4929E-09
rs147841807	T	C	0.11	0.01	3.4971E-09
rs192163123	A	C	0.11	0.01	3.498E-09
rs151169125	G	A	0.12	0.02	3.4992E-09
rs112456715	T	C	0.19	0.03	3.5012E-09
rs116097814	A	C	0.05	0.0099494	3.5048E-09
rs147267852	A	G	0.11	0.01	3.506E-09
rs542924030	T	C	0.29	0.04	3.5064E-09
rs77812473	G	T	0.11	0.01	3.5077E-09
rs57983998	T	C	0.04	0.0069774	3.513E-09
rs546529974	A	T	0.05	0.009665	3.5137E-09
rs116129606	A	G	0.11	0.01	3.514E-09
rs199523598	C	A	0.11	0.01	3.5173E-09
rs75365769	C	T	0.11	0.01	3.5173E-09
rs368683699	A	G	0.1	0.01	3.5183E-09
rs537691319	G	A	0.05	0.0087808	3.5191E-09
rs114831413	A	T	0.08	0.01	3.5226E-09
rs144721822	A	G	0.03	0.0067082	3.5263E-09



rs139699237	C	T	0.11	0.01	3.5266E-09
rs76628341	C	T	0.16	0.02	3.5266E-09
rs144491087	T	C	0.14	0.02	3.5271E-09
rs779069777	T	G	0.04	0.0084484	3.528E-09
rs147596360	G	A	0.13	0.02	3.5291E-09
rs118065756	G	A	0.06	0.01	3.5292E-09
rs116830415	T	C	0.08	0.01	3.5293E-09
rs149614058	C	T	0.21	0.03	3.5293E-09
rs191392309	T	A	0.11	0.01	3.5311E-09
rs115174304	T	A	0.11	0.01	3.5316E-09
rs28630449	C	T	0.05	0.0099416	3.5336E-09
rs564579915	C	T	0.03	0.0063642	3.5367E-09
rs543235291	A	G	0.01	0.0022199	3.5373E-09
rs115025654	C	T	0.11	0.01	3.5379E-09
1:115553307_C_A	A	C	0.05	0.008592	3.5381E-09
rs190112884	G	A	0.13	0.02	3.5388E-09
rs114781174	C	G	0.05	0.0099042	3.5394E-09
rs528847436	T	C	0.11	0.01	3.5413E-09
rs137951480	C	A	0.11	0.01	3.5424E-09
rs115644885	A	G	0.11	0.01	3.5463E-09
rs115550977	C	T	0.11	0.01	3.5475E-09
rs146940522	C	A	0.03	0.0067078	3.5483E-09
rs80337800	G	C	0.11	0.01	3.5498E-09
rs148454389	G	A	0.12	0.02	3.5501E-09
rs78865896	A	G	0.03	0.0067078	3.5505E-09
rs117835004	T	A	0.13	0.02	3.5506E-09
rs150068111	G	A	0.05	0.0090817	3.5518E-09
rs149412041	A	C	0.05	0.0099037	3.5521E-09
rs567132563	A	G	0.01	0.0032173	3.5538E-09
rs112422825	C	T	0.11	0.01	3.5555E-09
rs74733607	G	C	0.09	0.01	3.5556E-09
rs34343362	A	T	0.05	0.0093101	3.5558E-09
rs151076027	C	T	0.11	0.02	3.5574E-09
rs116716041	A	G	0.1	0.01	3.5585E-09
rs74395091	A	G	0.05	0.0098664	3.5601E-09
rs150065706	A	C	0.11	0.01	3.5673E-09
rs140135060	C	T	0.11	0.01	3.5697E-09
rs11507210	T	C	0.07	0.01	3.5697E-09
rs190645922	T	G	0.11	0.01	3.5709E-09
rs556983608	A	T	0.11	0.01	3.5728E-09
rs73864229	T	G	0.11	0.01	3.5734E-09
rs78994200	A	G	0.06	0.01	3.5767E-09
rs372786885	G	A	0.11	0.01	3.5804E-09
rs76414859	A	G	0.11	0.01	3.588E-09
rs149083145	A	G	0.11	0.01	3.5881E-09
rs115747521	G	A	0.12	0.02	3.5885E-09
rs535425129	G	C	0.04	0.0079676	3.5922E-09
rs569658890	A	G	0.06	0.01	3.5937E-09
rs541848212	G	T	0.12	0.02	3.595E-09
rs75215286	C	T	0.11	0.01	3.596E-09
rs193195551	C	T	0.11	0.01	3.5975E-09
rs138639802	T	C	0.12	0.02	3.5986E-09
rs74425433	T	C	0.13	0.02	3.6005E-09
rs533187600	A	G	0.12	0.02	3.6017E-09
rs184624826	T	C	0.06	0.01	3.6074E-09
rs148405005	T	C	0.1	0.01	3.6075E-09
rs114637714	C	G	0.11	0.01	3.6103E-09
rs576158366	A	G	0.25	0.04	3.6109E-09
rs201378361	T	C	0.14	0.02	3.6114E-09
rs545658872	A	G	0.11	0.01	3.6114E-09
rs78049251	T	G	0.04	0.0071966	3.6119E-09

rs151195284	A	G	0.13	0.02	3.6159E-09
rs76500336	G	A	0.04	0.0075236	3.6184E-09
rs147021845	A	G	0.09	0.01	3.6195E-09
rs1249435	T	A	0.11	0.01	3.6206E-09
rs141633984	A	G	0.03	0.0066977	3.6223E-09
rs142441987	T	C	0.13	0.02	3.6242E-09
rs566749140	G	T	0.11	0.01	3.6254E-09
rs114913853	T	A	0.02	0.004497	3.6255E-09
rs80040206	G	A	0.11	0.01	3.6314E-09
rs10961898	T	A	0.11	0.01	3.6315E-09
rs147982199	C	T	0.12	0.02	3.6318E-09
rs74121646	T	C	0.31	0.05	3.633E-09
rs371019520	A	G	0.04	0.0069673	3.6351E-09
rs76172598	C	G	0.11	0.01	3.6362E-09
rs114031889	T	C	0.07	0.01	3.6369E-09
rs146614188	G	A	0.23	0.03	3.6374E-09
rs7804061	A	C	0.03	0.0055393	3.6388E-09
rs190346406	T	C	0.18	0.03	3.6392E-09
rs148020914	T	A	0.05	0.0098987	3.641E-09
rs79094278	T	A	0.05	0.0098634	3.6414E-09
rs114636324	C	G	0.03	0.0067257	3.6425E-09
rs6664370	G	T	0.03	0.0067257	3.6425E-09
rs149855622	A	C	0.05	0.0099913	3.6427E-09
rs186196853	G	A	0.11	0.01	3.6428E-09
rs114230138	T	C	0.12	0.02	3.643E-09
rs114592518	G	C	0.11	0.01	3.6432E-09
rs13375289	T	C	0.03	0.0067257	3.6443E-09
rs115211563	T	C	0.18	0.03	3.6493E-09
rs143328535	T	A	0.11	0.01	3.6514E-09
rs142333358	T	C	0.11	0.01	3.6535E-09
rs76447535	T	C	0.03	0.0055452	3.6547E-09
rs139021282	C	T	0.06	0.01	3.6557E-09
rs78538717	G	C	0.11	0.01	3.6558E-09
rs143141957	G	A	0.11	0.01	3.6584E-09
rs143701696	C	T	0.01	0.0028313	3.6607E-09
rs143136367	A	G	0.12	0.02	3.6643E-09
rs139726098	A	G	0.06	0.01	3.6649E-09
rs188520769	A	G	0.05	0.0098973	3.6654E-09
rs115809234	A	G	0.11	0.01	3.6691E-09
rs146757307	G	A	0.11	0.01	3.67E-09
rs137908292	T	C	0.13	0.02	3.6702E-09
rs114968754	A	G	0.14	0.02	3.6709E-09
rs115980623	T	C	0.11	0.01	3.674E-09
4:190390569_T_G	G	T	0.04	0.0072934	3.6756E-09
rs138145044	A	C	0.04	0.0082296	3.6775E-09
rs143633194	C	T	1.53	0.26	3.6787E-09
rs115881047	A	G	0.05	0.0095924	3.6797E-09
rs114742829	G	A	0.05	0.0098785	3.6835E-09
rs183381530	T	A	9.66	1.63	3.6842E-09
rs570697312	T	G	0.04	0.0068071	3.6842E-09
rs115090770	C	G	0.42	0.07	3.6853E-09
rs10174851	T	C	0.1	0.01	3.6872E-09
rs10197784	A	G	0.1	0.01	3.6872E-09
rs73196514	T	G	0.11	0.01	3.6914E-09
rs577639410	A	C	0.08	0.01	3.6916E-09
rs745338750	T	C	0.03	0.0066983	3.6921E-09
rs116086964	C	T	0.11	0.01	3.6942E-09
rs776031921	C	T	0.04	0.0082563	3.6949E-09
rs578258128	C	T	0.12	0.02	3.696E-09
rs13426970	A	G	0.11	0.01	3.696E-09
rs148138842	T	C	0.11	0.01	3.6963E-09

rs186492475	A	G	0.11	0.01	3.6963E-09
rs115611223	C	T	0.08	0.01	3.6967E-09
rs112574899	T	C	0.16	0.02	3.6977E-09
rs138735778	G	C	0.11	0.01	3.6993E-09
rs113131739	T	C	0.06	0.01	3.6999E-09
rs11920219	T	C	0.16	0.02	3.6999E-09
rs111926071	G	T	0.1	0.01	3.7011E-09
rs111276338	A	C	0.1	0.01	3.7041E-09
rs190284380	A	G	0.03	0.0064813	3.7056E-09
rs556511692	A	C	0.1	0.01	3.7064E-09
rs143674150	C	T	0.05	0.0099258	3.7066E-09
rs75560007	C	T	0.04	0.0070899	3.707E-09
rs74135316	C	T	0.14	0.02	3.7077E-09
rs114161569	C	A	0.11	0.01	3.7079E-09
rs114775224	T	C	0.11	0.01	3.7092E-09
rs13326026	G	T	0.78	0.13	3.7092E-09
rs181327936	A	G	0.05	0.0098344	3.7117E-09
rs555721991	G	A	0.14	0.02	3.7122E-09
rs115456451	A	G	0.11	0.01	3.7172E-09
rs114856339	T	C	0.11	0.01	3.7186E-09
rs147030691	T	A	0.11	0.01	3.7216E-09
rs13401513	C	A	0.1	0.01	3.7229E-09
rs139882256	C	T	2	0.34	3.725E-09
rs147385009	C	T	0.12	0.02	3.7259E-09
rs7828752	A	C	0.12	0.02	3.728E-09
rs186322656	C	T	0.11	0.01	3.7319E-09
rs116775820	C	T	0.05	0.0098067	3.7345E-09
rs145534443	G	A	0.12	0.02	3.7373E-09
rs75933342	A	C	0.05	0.0098413	3.7373E-09
rs190558340	A	G	0.03	0.0061933	3.7466E-09
rs79170524	A	G	0.11	0.01	3.7471E-09
rs11573602	C	T	0.42	0.07	3.7498E-09
rs78715966	A	C	0.07	0.01	3.7514E-09
rs6665497	C	A	0.05	0.0099238	3.7542E-09
rs567961908	A	C	0.05	0.0099808	3.7552E-09
rs114056725	G	A	0.11	0.01	3.7564E-09
rs145744098	C	G	0.11	0.01	3.7566E-09
rs11573599	A	C	0.42	0.07	3.7628E-09
rs187760916	C	A	0.13	0.02	3.7657E-09
rs78778261	T	A	0.11	0.01	3.7657E-09
rs141015818	G	A	0.16	0.02	3.7666E-09
rs149534840	G	A	0.05	0.0098729	3.7674E-09
rs560711622	G	A	0.11	0.01	3.7688E-09
rs145446390	A	G	0.13	0.02	3.7741E-09
rs144965265	G	A	0.14	0.02	3.7742E-09
rs72730306	T	G	0.05	0.009664	3.7759E-09
rs116236570	A	G	0.11	0.01	3.7766E-09
rs10029838	C	T	0.18	0.03	3.7774E-09
rs587711469	A	G	0.1	0.01	3.7793E-09
rs182550982	G	A	0.11	0.01	3.7809E-09
rs9286893	C	T	0.05	0.0098951	3.7821E-09
rs77222289	G	A	0.04	0.0076681	3.7859E-09
rs112217866	A	G	0.12	0.02	3.7864E-09
rs146696474	T	C	0.2	0.03	3.7886E-09
rs377164395	A	C	0.39	0.06	3.7904E-09
rs184013187	A	T	0.11	0.01	3.7912E-09
rs191433474	T	C	0.11	0.01	3.7914E-09
rs13406088	A	G	0.1	0.01	3.7967E-09
rs559327722	A	G	0.73	0.12	3.798E-09
rs17881166	A	G	0.42	0.07	3.7984E-09
rs565203159	G	A	0.11	0.01	3.7986E-09

rs146846287	T	C	0.1	0.01	3.8033E-09
rs115672782	C	T	0.11	0.01	3.8041E-09
rs499342	C	T	-0.11	0.01	3.8046E-09
rs632511	C	T	-0.11	0.01	3.8046E-09
rs114570309	A	G	0.11	0.01	3.8066E-09
rs1549846	A	C	0.04	0.0083249	3.8081E-09
rs139481090	G	A	0.19	0.03	3.8094E-09
rs184925545	C	T	0.13	0.02	3.8103E-09
rs149995183	C	T	0.11	0.01	3.8118E-09
rs58898539	G	C	0.16	0.02	3.8125E-09
rs114720855	T	C	1.25	0.21	3.814E-09
rs576700045	A	G	0.1	0.01	3.815E-09
rs572149450	A	G	0.03	0.0066108	3.8205E-09
rs185625959	T	C	0.13	0.02	3.8215E-09
rs185832123	C	G	0.06	0.01	3.8218E-09
rs115747005	G	T	0.06	0.01	3.8225E-09
rs78486851	T	G	0.13	0.02	3.8243E-09
rs10197061	T	G	0.1	0.01	3.8265E-09
1:154729842_C_T	T	C	0.04	0.0083817	3.8293E-09
rs146807946	T	C	0.4	0.06	3.8313E-09
rs147255902	A	G	0.11	0.01	3.8313E-09
rs116152144	A	T	0.11	0.01	3.8313E-09
rs142014598	A	G	0.91	0.15	3.8358E-09
rs145017412	A	T	0.11	0.01	3.8374E-09
rs151318375	A	G	0.05	0.0099091	3.8383E-09
rs17017353	T	C	0.11	0.01	3.8402E-09
rs11980920	T	C	0.05	0.008915	3.8424E-09
rs184608472	G	A	0.05	0.0098078	3.8428E-09
rs138857102	T	C	0.12	0.02	3.8452E-09
rs146328815	C	T	0.12	0.02	3.8484E-09
rs540273640	T	C	0.06	0.01	3.8536E-09
rs376508284	T	G	0.56	0.09	3.8565E-09
rs151203692	A	G	0.08	0.01	3.8565E-09
rs187103180	A	G	0.24	0.04	3.8593E-09
rs60712671	A	G	0.03	0.0060204	3.8594E-09
rs141195306	A	G	0.12	0.02	3.8623E-09
rs116301351	G	T	0.17	0.03	3.8624E-09
rs146966811	G	C	0.3	0.05	3.8625E-09
rs145474439	T	C	0.1	0.01	3.8693E-09
rs373415109	G	A	0.11	0.01	3.8702E-09
rs146078545	A	G	0.11	0.01	3.8725E-09
rs183524246	T	C	0.03	0.005494	3.874E-09
rs138209411	C	T	0.05	0.0099071	3.8746E-09
rs147493451	T	C	0.07	0.01	3.8761E-09
rs142784581	T	C	0.12	0.02	3.8768E-09
rs147215621	G	C	0.12	0.02	3.8777E-09
4:31377195_T_A	A	T	0.04	0.0071615	3.8803E-09
rs114964407	T	C	0.11	0.01	3.8836E-09
rs78232459	T	A	0.1	0.01	3.8841E-09
1:12918264_C_T	T	C	0.08	0.01	3.8844E-09
rs73333006	G	A	0.05	0.0098226	3.8853E-09
rs147542359	G	A	0.05	0.0098403	3.8857E-09
rs149262138	G	A	0.15	0.02	3.8867E-09
rs114620564	T	C	0.11	0.01	3.8868E-09
rs115741474	G	A	0.11	0.01	3.8868E-09
rs543605419	T	C	0.05	0.0092976	3.8871E-09
rs75295828	C	G	0.11	0.01	3.8879E-09
rs145231742	A	G	0.17	0.02	3.889E-09
rs113726843	A	G	0.12	0.02	3.8903E-09
rs762835825	G	A	0.03	0.0067482	3.8907E-09
rs144684023	G	A	0.13	0.02	3.8912E-09

rs10205369	A	G	0.1	0.01	3.8946E-09
rs557345206	G	T	0.12	0.02	3.8964E-09
rs112008091	T	C	0.11	0.01	3.9006E-09
rs10128064	G	C	0.05	0.009914	3.9025E-09
2:87803966_G_A	A	G	0.25	0.04	3.9061E-09
rs115645359	A	G	0.11	0.01	3.9127E-09
rs73333008	G	A	0.05	0.0098223	3.9132E-09
rs78512202	T	C	0.13	0.02	3.9161E-09
rs141982206	A	G	0.05	0.009862	3.9161E-09
rs180980398	C	T	0.13	0.02	3.9169E-09
rs116763389	G	A	0.11	0.01	3.9169E-09
rs115019175	G	A	0.04	0.0077583	3.9179E-09
rs138066509	A	G	0.11	0.01	3.9205E-09
rs182061106	T	C	0.04	0.0075086	3.9234E-09
rs11487234	T	C	0.04	0.0077614	3.9257E-09
rs145214285	A	G	0.05	0.01	3.9261E-09
rs116972925	A	G	0.05	0.01	3.932E-09
rs556538550	A	G	0.11	0.02	3.9326E-09
rs145391618	C	G	0.1	0.01	3.9332E-09
rs12112651	A	T	0.04	0.0077575	3.9337E-09
rs368257646	A	T	0.05	0.009812	3.9361E-09
rs145331932	A	G	0.11	0.01	3.9363E-09
rs533869695	T	G	0.12	0.02	3.9381E-09
rs182935942	G	A	0.1	0.01	3.9409E-09
rs114357516	T	C	0.1	0.01	3.9409E-09
rs148065920	C	T	0.44	0.07	3.9432E-09
rs772994868	A	G	0.04	0.0071519	3.9433E-09
rs552056288	A	G	0.11	0.01	3.9445E-09
rs16835982	A	T	0.11	0.01	3.9455E-09
rs112889005	A	C	0.12	0.02	3.9455E-09
rs150255936	C	T	0.11	0.01	3.9456E-09
rs147461236	C	G	0.14	0.02	3.9458E-09
rs17480298	A	C	0.14	0.02	3.9473E-09
rs571938140	G	T	0.06	0.01	3.951E-09
rs57592745	A	T	0.11	0.01	3.952E-09
rs75066463	C	T	0.05	0.0099277	3.9563E-09
rs74973990	C	T	0.13	0.02	3.9602E-09
rs144528704	C	T	0.12	0.02	3.9639E-09
rs150320446	G	A	0.12	0.02	3.964E-09
rs57772784	A	G	0.11	0.01	3.9675E-09
rs73803471	A	C	0.11	0.01	3.9682E-09
rs529794153	A	C	0.11	0.01	3.9693E-09
rs147569614	C	T	0.16	0.02	3.9703E-09
4:87361961_T_C	C	T	0.03	0.0063661	3.9711E-09
rs145650157	C	A	0.11	0.01	3.9712E-09
rs115016881	C	T	0.05	0.0096166	3.9717E-09
rs189388132	C	T	0.12	0.02	3.9727E-09
rs115850757	C	T	0.11	0.01	3.973E-09
rs148467827	C	G	0.11	0.01	3.9797E-09
rs533091582	C	A	0.24	0.04	3.982E-09
rs529259462	A	G	0.11	0.01	3.9845E-09
4:137270812_G_A	A	G	0.05	0.009821	3.9845E-09
rs149477845	C	G	0.11	0.01	3.9859E-09
rs113371460	A	G	0.11	0.01	3.9875E-09
rs73013116	G	A	0.11	0.01	3.9882E-09
rs113295339	C	T	0.11	0.01	3.9882E-09
rs117049297	T	C	0.12	0.02	3.9884E-09
rs114923229	T	C	0.04	0.0077539	3.9918E-09
rs112886600	T	C	0.12	0.02	3.9926E-09
rs76696140	G	A	0.11	0.01	3.9927E-09
rs565636537	C	T	0.11	0.01	3.9953E-09

rs189144367	C	T	0.11	0.01	3.996E-09
rs762201351	A	G	0.11	0.01	4.0058E-09
rs139244206	A	G	0.11	0.01	4.0085E-09
rs533930968	A	G	0.06	0.01	4.0112E-09
rs184166745	A	C	0.12	0.02	4.0122E-09
rs115090773	A	G	0.11	0.01	4.0174E-09
rs16836792	C	T	0.11	0.01	4.0183E-09
rs144360660	C	A	0.11	0.01	4.019E-09
rs193085801	A	G	0.11	0.01	4.0197E-09
rs76515094	G	A	0.04	0.0082528	4.0218E-09
rs113026797	T	C	0.13	0.02	4.0219E-09
rs150747470	G	A	0.07	0.01	4.024E-09
rs113535975	C	T	0.11	0.01	4.0249E-09
rs538620347	G	A	0.11	0.01	4.0275E-09
rs114464093	T	A	0.11	0.01	4.0287E-09
rs776801659	G	A	0.02	0.0041574	4.032E-09
rs553153697	C	T	0.11	0.01	4.0321E-09
rs572532474	G	T	0.11	0.01	4.0348E-09
rs150897836	C	T	0.11	0.02	4.0351E-09
rs548104210	A	G	0.11	0.01	4.0354E-09
rs187869718	C	T	0.28	0.04	4.0361E-09
rs376212836	G	T	0.07	0.01	4.0362E-09
rs576004325	T	C	0.03	0.0051024	4.0374E-09
rs74436480	T	A	0.11	0.02	4.0378E-09
rs146821238	T	C	0.06	0.01	4.0389E-09
rs544545408	T	C	0.11	0.02	4.0409E-09
rs144982625	A	G	0.11	0.01	4.0422E-09
rs77790112	A	G	0.07	0.01	4.0433E-09
rs144602166	G	A	0.11	0.01	4.0449E-09
rs140963988	A	G	0.05	0.01	4.0458E-09
rs145693022	T	G	0.17	0.02	4.0473E-09
rs181381452	T	C	0.15	0.02	4.0482E-09
1:59170295_C_G	G	C	0.04	0.0075014	4.0499E-09
rs61108509	C	T	0.04	0.0071735	4.0515E-09
rs143679485	T	C	0.11	0.01	4.0528E-09
rs77136040	A	G	0.4	0.06	4.0529E-09
rs79820058	G	A	0.05	0.0098795	4.0547E-09
rs73305311	C	T	0.11	0.01	4.058E-09
rs149679795	T	C	0.26	0.04	4.0586E-09
rs570536316	G	T	0.11	0.01	4.0591E-09
rs191722198	A	G	0.13	0.02	4.064E-09
rs140475573	C	G	0.1	0.01	4.0657E-09
rs190787609	C	G	0.13	0.02	4.0703E-09
rs144627384	G	C	0.11	0.02	4.0762E-09
rs115681244	G	T	0.12	0.02	4.0832E-09
rs6747573	C	A	0.11	0.01	4.0842E-09
rs116570441	T	C	0.09	0.01	4.0844E-09
rs118038767	T	A	0.61	0.1	4.0856E-09
rs528669467	G	A	0.11	0.01	4.0861E-09
rs56282051	C	A	0.11	0.01	4.0885E-09
rs138468887	A	G	0.11	0.02	4.0909E-09
rs190794557	C	G	0.14	0.02	4.0927E-09
rs78286316	T	C	0.16	0.02	4.0936E-09
rs141990832	T	C	0.11	0.01	4.0948E-09
rs148870004	G	A	0.05	0.0098681	4.0966E-09
rs143245157	G	A	0.02	0.0047978	4.0976E-09
rs180736232	T	C	0.18	0.03	4.0991E-09
rs16893900	A	G	0.1	0.01	4.1019E-09
rs73043480	C	G	0.03	0.0067216	4.1032E-09
rs116590224	A	G	0.11	0.01	4.104E-09
rs142923484	G	A	1.27	0.21	4.104E-09

rs539145567	T	C	0.03	0.0059265	4.1046E-09
rs115395824	T	C	0.4	0.06	4.1048E-09
rs142969781	T	C	0.07	0.01	4.1069E-09
rs114018121	A	G	0.04	0.0083642	4.1115E-09
rs141217109	T	C	0.11	0.01	4.1124E-09
rs78568961	G	C	0.11	0.01	4.1138E-09
rs115744491	C	T	0.11	0.01	4.1142E-09
rs79516175	G	A	0.04	0.0074712	4.1148E-09
rs369465896	C	T	0.05	0.0097385	4.115E-09
rs548657523	G	T	0.12	0.02	4.1176E-09
rs115414849	A	T	0.05	0.01	4.12E-09
rs114658827	C	T	0.03	0.005782	4.1201E-09
rs78264265	T	C	0.11	0.01	4.121E-09
rs146167951	G	A	0.1	0.01	4.1228E-09
rs55832567	G	T	0.07	0.01	4.123E-09
rs77336595	A	G	0.11	0.01	4.1234E-09
rs180759255	G	A	0.3	0.05	4.1259E-09
rs149771228	T	C	0.11	0.01	4.1271E-09
rs146633085	C	T	0.16	0.02	4.1276E-09
rs115588470	T	C	0.1	0.01	4.1278E-09
rs184321960	A	T	0.08	0.01	4.1317E-09
rs113870288	A	G	0.12	0.02	4.133E-09
rs115956567	G	A	0.05	0.0098957	4.1337E-09
1:62562890_C_T	T	C	0.07	0.01	4.1347E-09
rs72945546	G	A	0.09	0.01	4.1349E-09
rs74344480	T	C	0.11	0.01	4.1378E-09
rs116751887	T	C	0.06	0.01	4.1424E-09
rs147124237	T	A	0.11	0.01	4.1428E-09
rs566280672	A	G	0.11	0.01	4.1428E-09
rs111341688	C	G	0.05	0.0099205	4.1478E-09
rs116596765	G	A	0.05	0.01	4.1479E-09
rs148220027	T	G	0.31	0.05	4.1509E-09
rs534503027	C	T	0.16	0.02	4.1512E-09
rs150848810	A	G	0.16	0.02	4.1537E-09
rs143174497	T	C	0.06	0.01	4.1557E-09
rs77674328	T	C	0.09	0.01	4.1558E-09
rs114319368	G	T	0.05	0.0098945	4.1563E-09
rs6811099	A	G	0.1	0.01	4.1564E-09
rs116468397	A	G	0.05	0.01	4.1621E-09
rs73603733	G	C	0.12	0.02	4.1622E-09
rs116018092	A	C	0.11	0.01	4.1627E-09
rs114596078	T	G	0.11	0.01	4.1634E-09
rs75182803	G	A	0.05	0.0097576	4.1637E-09
rs12005796	C	T	0.11	0.01	4.1638E-09
rs140971566	A	T	0.11	0.01	4.1665E-09
rs138349699	T	C	0.11	0.02	4.1684E-09
rs377328228	A	G	0.03	0.0067962	4.1686E-09
rs762778138	A	G	0.05	0.008651	4.172E-09
rs74894886	T	C	0.11	0.01	4.1725E-09
rs377701540	A	C	0.22	0.03	4.1869E-09
rs116138975	T	C	0.11	0.01	4.1872E-09
rs371692110	A	G	0.11	0.01	4.1882E-09
rs192934135	A	G	0.05	0.0098908	4.1895E-09
rs72955840	A	T	0.05	0.01	4.1916E-09
rs73280894	A	G	0.11	0.01	4.1918E-09
rs143788791	C	T	0.21	0.03	4.1926E-09
rs77340262	G	A	0.11	0.01	4.1931E-09
rs74133288	T	C	0.14	0.02	4.1976E-09
rs74478644	G	A	0.04	0.0082046	4.199E-09
rs145407911	A	G	0.06	0.01	4.1999E-09
rs146629016	C	T	0.11	0.02	4.2107E-09

rs572712023	G	A	0.05	0.01	4.2112E-09
rs141721401	C	G	0.11	0.02	4.2121E-09
rs150689740	A	G	0.06	0.01	4.2133E-09
rs189426630	T	A	0.11	0.02	4.2151E-09
rs142606274	C	T	0.11	0.01	4.2172E-09
rs141461249	C	T	0.03	0.0052868	4.2183E-09
rs6906540	T	C	0.03	0.0065578	4.2236E-09
rs187305743	C	T	0.11	0.01	4.2253E-09
rs143670152	A	C	0.11	0.01	4.2277E-09
rs78650463	C	A	0.09	0.01	4.2288E-09
rs79493184	G	A	0.1	0.01	4.2309E-09
rs554376499	G	T	0.11	0.01	4.2309E-09
rs193018279	G	C	0.11	0.01	4.2347E-09
rs189167175	G	A	0.14	0.02	4.2359E-09
rs147092568	T	C	0.11	0.01	4.2367E-09
rs191093061	C	A	0.03	0.0063311	4.2386E-09
rs576298548	G	T	0.14	0.02	4.2386E-09
rs73884536	G	T	0.22	0.03	4.2389E-09
rs186555719	A	G	0.11	0.01	4.2394E-09
rs115552107	T	C	0.11	0.01	4.2399E-09
rs72910353	A	G	0.03	0.0067363	4.2407E-09
rs7875533	G	A	0.36	0.06	4.2424E-09
rs114766521	C	G	0.05	0.0099966	4.2431E-09
rs61506971	A	C	0.11	0.01	4.2442E-09
rs146186428	C	T	0.09	0.01	4.2466E-09
rs186004985	A	G	0.04	0.0074684	4.2484E-09
rs139256975	T	C	0.11	0.01	4.2498E-09
rs146369151	T	C	0.1	0.01	4.25E-09
rs756039503	A	T	0.03	0.0067948	4.2505E-09
rs59580662	C	G	0.12	0.02	4.2506E-09
rs146737020	G	C	0.05	0.0098916	4.2557E-09
rs530152538	G	T	0.01	0.0029952	4.2564E-09
rs57926222	C	T	0.05	0.01	4.2607E-09
rs115205404	T	A	0.08	0.01	4.2632E-09
rs145932285	C	T	0.19	0.03	4.2655E-09
rs145560768	A	C	0.2	0.03	4.266E-09
rs17515111	C	T	0.06	0.01	4.2705E-09
rs111740614	C	T	0.11	0.01	4.2706E-09
rs58820446	C	T	0.11	0.01	4.2706E-09
rs553476001	G	C	0.11	0.01	4.2756E-09
rs150215457	C	A	0.06	0.01	4.2767E-09
rs553747922	T	C	0.03	0.0067806	4.2776E-09
rs189661488	T	A	0.17	0.02	4.2789E-09
rs781734961	A	G	0.02	0.0042987	4.2789E-09
rs76839928	A	G	0.06	0.01	4.2791E-09
rs145861831	G	C	0.11	0.01	4.2793E-09
rs116130274	T	A	0.15	0.02	4.2795E-09
rs76696473	T	G	0.05	0.01	4.2818E-09
rs191572795	C	T	0.06	0.01	4.2824E-09
rs146429496	T	C	0.17	0.02	4.2827E-09
rs138494412	A	T	0.13	0.02	4.2835E-09
rs138235077	A	G	0.11	0.01	4.2848E-09
rs180783641	T	C	0.11	0.02	4.2857E-09
rs72990909	T	C	0.11	0.01	4.2887E-09
rs111343228	G	T	0.15	0.02	4.2929E-09
rs148696937	G	A	0.11	0.02	4.2934E-09
rs79876195	G	C	0.07	0.01	4.294E-09
rs147380960	A	G	0.13	0.02	4.2974E-09
rs141885057	C	A	0.11	0.01	4.3009E-09
rs17149529	A	C	0.11	0.01	4.301E-09
rs115378496	T	A	0.11	0.01	4.3025E-09



rs371132453	G	A	0.11	0.01	4.3047E-09
rs368280727	T	C	0.05	0.0095401	4.3061E-09
rs115309336	C	G	0.11	0.01	4.3072E-09
rs144540921	C	T	0.11	0.01	4.3092E-09
rs6587642	G	C	0.11	0.01	4.3111E-09
rs144651898	A	G	0.06	0.01	4.314E-09
rs536125919	G	A	0.4	0.06	4.3144E-09
rs568195155	A	G	0.03	0.0060385	4.3172E-09
rs544303936	C	T	0.26	0.04	4.3172E-09
rs377493518	T	C	0.04	0.0074275	4.3186E-09
rs116117112	C	A	0.07	0.01	4.3196E-09
rs140433371	G	T	0.23	0.03	4.3215E-09
rs569618823	C	T	0.23	0.03	4.3215E-09
rs114936140	C	A	0.1	0.01	4.3222E-09
rs2059034	C	T	0.11	0.01	4.3252E-09
rs72868117	C	T	0.06	0.01	4.3282E-09
rs144092858	A	G	0.11	0.01	4.3294E-09
rs147458085	C	T	0.11	0.01	4.3337E-09
rs143920355	T	C	0.11	0.01	4.3354E-09
rs10217623	C	T	0.05	0.01	4.3354E-09
rs117655509	A	T	0.1	0.01	4.3376E-09
rs114408974	T	C	0.05	0.0099018	4.3415E-09
3:25696390_C_T	T	C	0.04	0.0076518	4.3441E-09
rs78177882	C	G	0.11	0.01	4.3449E-09
rs531536764	G	A	0.28	0.04	4.3459E-09
rs144365798	A	G	0.11	0.01	4.3471E-09
rs373778255	A	G	0.05	0.0097555	4.3486E-09
rs79134755	T	C	0.09	0.01	4.3487E-09
rs115714200	A	G	0.05	0.01	4.3495E-09
rs79977889	T	G	0.11	0.01	4.3511E-09
rs142892652	G	A	0.18	0.03	4.3526E-09
rs564807838	T	C	0.13	0.02	4.3582E-09
rs2059035	T	C	0.11	0.01	4.3601E-09
rs115885757	T	G	0.1	0.01	4.3699E-09
rs141901345	C	G	0.11	0.01	4.3724E-09
rs76430512	T	C	0.13	0.02	4.3733E-09
rs115070858	A	G	0.16	0.02	4.3749E-09
rs115531456	C	T	0.11	0.01	4.3771E-09
rs754302989	T	C	0.02	0.003809	4.3776E-09
rs116765248	C	T	0.11	0.01	4.3799E-09
rs141990148	T	G	0.11	0.01	4.3801E-09
rs369625597	A	G	0.05	0.0098844	4.3856E-09
rs567776959	A	G	0.05	0.0098959	4.3858E-09
rs140103726	T	C	0.11	0.02	4.3863E-09
rs114046131	C	T	0.14	0.02	4.3896E-09
rs141773862	T	C	0.18	0.03	4.3901E-09
rs146429112	T	G	0.12	0.02	4.3905E-09
rs149331386	G	A	0.11	0.01	4.3914E-09
rs56327036	T	G	0.14	0.02	4.3923E-09
rs182827109	T	C	0.02	0.0043073	4.393E-09
rs559046313	C	T	0.05	0.01	4.3969E-09
rs75032056	T	C	0.14	0.02	4.402E-09
rs73752116	C	T	0.14	0.02	4.4037E-09
rs78224873	A	C	0.19	0.03	4.4042E-09
rs114807028	A	C	0.1	0.01	4.4052E-09
rs181531339	A	C	0.06	0.01	4.4057E-09
rs116708362	C	A	0.11	0.01	4.4065E-09
rs116650240	C	A	0.1	0.01	4.4105E-09
rs184638830	G	A	0.11	0.01	4.4122E-09
rs142641903	T	C	0.12	0.02	4.4138E-09
rs556721224	T	G	0.1	0.01	4.416E-09

rs76842119	G	C	0.11	0.01	4.4193E-09
rs75209962	A	T	0.05	0.0097367	4.4194E-09
rs72730317	C	A	0.05	0.009623	4.4202E-09
rs186544730	G	A	0.13	0.02	4.4234E-09
rs6946257	T	C	0.04	0.0077013	4.4302E-09
rs73086119	T	C	0.11	0.02	4.4326E-09
rs181996575	A	G	0.05	0.0098198	4.4358E-09
rs545526868	A	C	0.1	0.01	4.4426E-09
rs77763251	G	C	0.06	0.01	4.4427E-09
rs183517222	T	C	0.05	0.01	4.4452E-09
rs114668031	T	G	0.11	0.01	4.4453E-09
rs72853228	A	G	0.11	0.01	4.4471E-09
rs149599808	A	G	0.12	0.02	4.4472E-09
rs556835912	C	G	0.11	0.01	4.4494E-09
rs190534897	G	A	0.05	0.0097518	4.4495E-09
rs140111322	T	C	0.11	0.01	4.4537E-09
rs572955289	T	C	0.11	0.01	4.4548E-09
rs115785446	A	G	0.12	0.02	4.4565E-09
rs73206527	T	C	0.11	0.01	4.4566E-09
rs144115405	A	G	0.11	0.01	4.4605E-09
rs559869551	A	G	0.14	0.02	4.4633E-09
rs146605167	T	G	0.04	0.0069779	4.4638E-09
rs41269135	A	G	0.11	0.01	4.4646E-09
rs551686111	C	T	0.13	0.02	4.4649E-09
4:87826152_G_C	C	G	0.02	0.0044264	4.4661E-09
rs146539818	G	C	0.11	0.01	4.467E-09
rs115058281	G	T	0.11	0.01	4.4682E-09
rs111935249	A	G	0.11	0.01	4.4689E-09
rs145656782	A	C	0.19	0.03	4.4694E-09
rs532005058	G	A	0.04	0.0069652	4.4715E-09
rs113739172	C	T	0.05	0.0097832	4.4761E-09
rs115403084	T	G	0.11	0.01	4.4762E-09
rs559738744	A	C	0.11	0.01	4.4805E-09
rs138351397	A	G	0.11	0.01	4.4805E-09
rs145834335	G	A	0.15	0.02	4.4811E-09
rs116713833	C	T	0.11	0.02	4.4836E-09
rs112125598	G	A	0.05	0.0097828	4.484E-09
rs190696381	A	G	0.07	0.01	4.485E-09
rs191801356	G	C	0.11	0.01	4.4873E-09
rs144757908	A	G	0.1	0.01	4.4881E-09
rs555909632	T	A	0.06	0.01	4.4888E-09
rs76051049	T	C	0.11	0.01	4.4897E-09
rs139168464	C	T	0.11	0.01	4.4913E-09
rs11957646	A	G	0.02	0.0049058	4.4925E-09
rs76152740	A	G	0.08	0.01	4.4928E-09
rs142935839	A	G	0.1	0.01	4.4963E-09
rs137875062	T	C	0.1	0.01	4.4977E-09
rs115306514	G	C	0.12	0.02	4.4979E-09
rs532003987	T	C	0.11	0.01	4.5001E-09
rs537295953	C	G	0.11	0.02	4.5021E-09
rs146312237	C	G	0.11	0.01	4.5041E-09
rs76357201	G	A	0.1	0.01	4.5056E-09
rs747972994	A	C	0.03	0.0052969	4.5086E-09
rs145873899	A	C	0.1	0.01	4.5097E-09
rs141405735	C	T	0.11	0.01	4.5098E-09
rs757258660	A	G	0.03	0.0057732	4.5102E-09
9:7817837_C_A	A	C	0.05	0.009676	4.5115E-09
rs188230414	A	G	0.1	0.01	4.5127E-09
rs115040916	G	A	0.1	0.01	4.5127E-09
rs116152797	C	T	0.1	0.01	4.5127E-09
rs6962990	T	C	0.06	0.01	4.5141E-09

rs114580191	A	T	0.11	0.01	4.5143E-09
rs115124160	T	C	0.1	0.01	4.5148E-09
rs192480979	T	C	0.11	0.01	4.5149E-09
rs139345898	T	C	0.03	0.006687	4.515E-09
rs10043799	A	C	0.1	0.01	4.5165E-09
rs138021626	C	T	0.1	0.01	4.5167E-09
rs73017077	A	G	0.11	0.01	4.5182E-09
rs141173941	T	C	0.11	0.01	4.5192E-09
rs190079720	A	G	0.13	0.02	4.5196E-09
rs73729516	G	T	0.03	0.0066563	4.5212E-09
rs529397226	T	A	0.13	0.02	4.5227E-09
rs568723352	T	G	0.1	0.01	4.5238E-09
rs576708195	A	G	0.12	0.02	4.5243E-09
rs532002797	A	G	0.13	0.02	4.5272E-09
rs77942953	A	G	0.11	0.01	4.5291E-09
rs76227889	T	C	0.04	0.0070611	4.5291E-09
rs6725962	G	T	0.11	0.01	4.5324E-09
rs77211896	T	G	0.05	0.009789	4.5328E-09
rs6959305	G	T	0.03	0.0066563	4.533E-09
rs546546382	T	C	0.03	0.0065531	4.5339E-09
rs576298722	C	G	0.03	0.0051832	4.536E-09
rs137964546	T	G	0.05	0.0099135	4.5395E-09
rs151299813	C	T	0.16	0.02	4.54E-09
rs377355689	T	C	0.05	0.0097663	4.5415E-09
rs150136766	G	A	0.16	0.02	4.5416E-09
rs151038697	C	T	0.11	0.01	4.5427E-09
rs376111064	A	G	0.05	0.0097674	4.5437E-09
rs139635348	A	G	0.05	0.0097382	4.5461E-09
rs145872145	A	T	0.11	0.01	4.5484E-09
rs116761388	T	C	0.11	0.01	4.5502E-09
rs1538458	A	G	0.11	0.01	4.5604E-09
rs57767419	T	A	0.13	0.02	4.5624E-09
rs770807126	T	C	0.03	0.0055728	4.5628E-09
rs139722576	T	C	0.06	0.01	4.5642E-09
rs142926747	C	T	0.11	0.01	4.5645E-09
rs75870463	T	G	0.04	0.0069094	4.5647E-09
rs73546450	G	C	0.03	0.0064047	4.5673E-09
rs75850821	T	C	0.11	0.01	4.5721E-09
rs185406285	C	T	0.04	0.0084324	4.5739E-09
rs74362738	T	A	0.1	0.01	4.5742E-09
rs74731318	T	A	0.1	0.01	4.5742E-09
rs114317783	A	G	0.11	0.01	4.5744E-09
rs1249437	C	G	0.11	0.01	4.576E-09
rs148144239	A	G	0.11	0.01	4.576E-09
rs115589477	G	A	0.11	0.01	4.5789E-09
rs17550130	A	C	0.06	0.01	4.5795E-09
rs114114908	T	G	0.12	0.02	4.5825E-09
rs562133564	A	G	0.1	0.01	4.5827E-09
rs114162025	C	G	0.11	0.01	4.5839E-09
rs181575462	T	C	0.06	0.01	4.5844E-09
rs73789281	T	C	0.04	0.0080744	4.5854E-09
rs112849729	T	C	0.11	0.01	4.5875E-09
rs186677009	G	T	0.05	0.0090994	4.5883E-09
rs116302448	A	G	0.14	0.02	4.5885E-09
rs113979145	T	G	0.11	0.01	4.5932E-09
rs138713130	G	A	0.04	0.0079824	4.5949E-09
rs368409576	A	G	0.05	0.0097575	4.5984E-09
rs371419638	T	C	0.05	0.0097575	4.5984E-09
rs148658002	T	C	0.06	0.01	4.6042E-09
rs539094869	G	T	0.02	0.0038152	4.6042E-09
rs114449162	T	C	0.11	0.01	4.6078E-09

rs575923626	A	G	0.11	0.01	4.608E-09
rs115938111	T	G	0.08	0.01	4.6121E-09
rs181325568	G	C	0.01	0.0029676	4.6122E-09
rs114516210	T	C	0.04	0.007501	4.6175E-09
rs373379732	T	C	0.07	0.01	4.6189E-09
rs113445915	A	G	0.11	0.01	4.6197E-09
rs565269837	T	C	0.11	0.01	4.6203E-09
rs567133229	G	A	0.14	0.02	4.6207E-09
rs149252063	C	T	0.05	0.0098601	4.6257E-09
8:142952050_C_T	T	C	0.03	0.0063276	4.6334E-09
rs112700578	A	T	0.09	0.01	4.6337E-09
rs542128980	C	A	0.03	0.0061628	4.6343E-09
rs543972900	C	T	0.06	0.01	4.6364E-09
rs777677304	T	G	0.03	0.006785	4.6369E-09
rs141362926	G	A	0.1	0.01	4.6381E-09
rs368915839	C	T	0.05	0.0097625	4.6384E-09
rs111455330	G	A	0.04	0.007002	4.6385E-09
rs142157320	A	G	0.11	0.01	4.6413E-09
rs114286043	T	A	0.11	0.01	4.6421E-09
rs111840252	A	G	0.07	0.01	4.6431E-09
rs773700280	A	G	0.03	0.0061643	4.6448E-09
rs147649459	G	A	0.04	0.0081006	4.6463E-09
rs17046271	T	A	0.11	0.01	4.6479E-09
rs113570433	A	G	0.1	0.01	4.6497E-09
rs115389825	A	G	0.11	0.01	4.6498E-09
rs114842827	A	G	0.11	0.01	4.6541E-09
5:82968336_G_A	A	G	0.04	0.0068329	4.6549E-09
rs567162857	T	C	0.04	0.0069427	4.6554E-09
rs76143418	C	T	0.11	0.01	4.6567E-09
rs74593180	G	A	0.14	0.02	4.6572E-09
rs188882718	T	A	0.11	0.01	4.659E-09
rs114173060	A	G	0.12	0.02	4.6615E-09
rs876395	C	G	-0.11	0.01	4.6621E-09
rs76992995	A	T	0.18	0.03	4.6636E-09
rs114653478	T	C	0.11	0.01	4.6638E-09
rs115424951	C	G	0.1	0.01	4.6644E-09
rs112794324	G	C	0.05	0.01	4.665E-09
rs77968353	T	C	0.14	0.02	4.6714E-09
rs150563524	G	A	0.11	0.01	4.6724E-09
rs74321131	C	T	0.04	0.0077469	4.6744E-09
rs77158218	T	G	0.08	0.01	4.6748E-09
rs73805496	C	G	0.11	0.01	4.675E-09
rs6953589	G	A	0.03	0.0066902	4.675E-09
rs116416005	A	G	0.1	0.01	4.676E-09
rs140497742	A	G	0.11	0.01	4.6763E-09
rs760644248	A	G	0.04	0.0078173	4.6775E-09
rs574503942	A	T	0.11	0.01	4.6783E-09
rs147799349	A	G	0.11	0.01	4.6798E-09
rs545785889	T	C	0.06	0.01	4.68E-09
rs185576833	T	A	0.02	0.0043527	4.6861E-09
rs7002451	T	C	0.05	0.009925	4.691E-09
rs192187522	G	A	0.01	0.0028195	4.6923E-09
rs146930674	A	G	0.05	0.0085416	4.6939E-09
rs142672268	C	T	0.19	0.03	4.6965E-09
rs568003832	A	G	0.03	0.0062024	4.697E-09
rs2538482	T	C	0.11	0.01	4.6981E-09
rs117498920	G	C	0.2	0.03	4.6982E-09
rs181423865	T	C	0.15	0.02	4.7008E-09
rs111690639	G	A	0.05	0.009777	4.7056E-09
rs115450251	A	G	0.05	0.0098831	4.7095E-09
rs116444063	A	G	0.11	0.01	4.7116E-09

rs138967513	T	C	0.06	0.01	4.7121E-09
rs752739479	A	C	0.04	0.0075777	4.7133E-09
rs115511406	A	G	0.11	0.01	4.7176E-09
rs114369146	C	G	0.11	0.01	4.7207E-09
rs568332689	A	G	0.25	0.04	4.7216E-09
rs74591390	T	C	0.11	0.01	4.7222E-09
rs147745972	T	C	0.1	0.01	4.7251E-09
rs571956565	T	C	0.07	0.01	4.7279E-09
rs116416548	C	G	0.07	0.01	4.7293E-09
rs113920986	C	T	0.11	0.01	4.7305E-09
rs376093845	T	C	0.05	0.0097625	4.7319E-09
rs183849465	T	A	0.21	0.03	4.733E-09
rs73729517	C	T	0.03	0.0066504	4.7332E-09
rs115698260	A	C	0.11	0.01	4.7375E-09
rs182675198	C	T	0.11	0.01	4.7384E-09
rs114557005	C	T	0.05	0.01	4.7386E-09
rs186905961	G	A	0.19	0.03	4.7388E-09
rs73973366	A	G	0.03	0.0053506	4.7435E-09
rs576935564	A	G	0.03	0.0066125	4.745E-09
rs117352989	T	C	0.09	0.01	4.7457E-09
rs570817184	T	C	0.1	0.01	4.7481E-09
rs147534378	T	C	0.02	0.0041129	4.7484E-09
rs140020466	T	C	0.12	0.02	4.7512E-09
rs75127743	G	A	0.11	0.01	4.753E-09
rs13431870	T	C	0.09	0.01	4.754E-09
rs17008072	G	A	0.07	0.01	4.7557E-09
rs182160921	G	A	0.11	0.01	4.757E-09
rs74937362	C	T	0.1	0.01	4.7607E-09
rs79100986	C	T	0.11	0.01	4.7608E-09
rs542245247	A	G	0.1	0.01	4.7635E-09
rs114952946	G	A	0.11	0.01	4.7637E-09
rs114731678	G	T	0.03	0.0067261	4.7668E-09
rs200110946	G	A	0.03	0.005912	4.7669E-09
rs533241138	T	C	0.11	0.01	4.7731E-09
rs2817880	A	G	0.05	0.01	4.7737E-09
rs73729515	A	G	0.03	0.0066504	4.7738E-09
rs552686533	T	C	0.03	0.0063542	4.7772E-09
rs541568320	G	T	0.04	0.0078176	4.7783E-09
rs818223	G	A	0.03	0.0067446	4.7838E-09
rs114836022	T	A	0.16	0.02	4.7847E-09
rs114446999	G	A	0.11	0.01	4.787E-09
7:103885079_A_C	C	A	0.04	0.0080654	4.7888E-09
rs143371199	A	G	0.12	0.02	4.7905E-09
rs114360574	C	T	0.11	0.01	4.7977E-09
rs182330200	C	A	0.13	0.02	4.798E-09
rs148562113	C	T	0.11	0.01	4.799E-09
rs189432417	A	T	0.05	0.0099615	4.8009E-09
rs146557951	C	T	0.06	0.01	4.8058E-09
rs149531340	T	C	0.06	0.01	4.808E-09
rs561162707	A	G	0.1	0.01	4.8104E-09
rs185493109	G	A	0.2	0.03	4.8122E-09
rs60684856	T	C	0.14	0.02	4.8154E-09
rs545484450	A	G	0.18	0.03	4.8159E-09
rs144194611	C	G	0.06	0.01	4.8161E-09
rs1329757	C	T	0.05	0.0097499	4.8201E-09
rs567929911	G	A	0.01	0.0017435	4.8209E-09
rs367779734	C	G	0.05	0.0097388	4.8212E-09
rs142425528	T	C	0.09	0.01	4.8219E-09
rs149676909	C	T	0.1	0.01	4.827E-09
rs114280867	G	C	0.11	0.01	4.8344E-09
rs142154540	T	C	0.11	0.01	4.835E-09

rs188736469	A	G	0.07	0.01	4.8407E-09
rs187481665	A	G	0.07	0.01	4.8419E-09
rs191849617	C	T	0.07	0.01	4.8419E-09
rs562127828	C	T	0.14	0.02	4.8422E-09
rs528270946	C	T	0.21	0.03	4.8424E-09
rs114468005	A	G	0.11	0.01	4.8472E-09
rs145123688	G	A	0.13	0.02	4.8524E-09
rs142553875	T	A	0.06	0.01	4.8536E-09
rs142778423	T	C	0.11	0.01	4.8556E-09
rs115278238	T	C	0.11	0.01	4.8568E-09
rs146156106	C	T	0.11	0.01	4.8584E-09
rs113962362	C	T	0.11	0.01	4.8594E-09
rs80247922	G	A	0.11	0.01	4.8599E-09
rs112885275	C	G	0.11	0.01	4.8612E-09
rs367680607	T	A	0.05	0.0097329	4.8653E-09
rs13406828	A	C	0.11	0.01	4.8662E-09
rs72925463	A	G	0.12	0.02	4.8663E-09
rs377123341	G	A	0.11	0.01	4.8689E-09
rs141810072	G	C	0.11	0.02	4.8714E-09
rs28491233	G	A	0.03	0.0067935	4.8727E-09
rs539221666	A	C	0.1	0.01	4.8731E-09
rs559000314	T	C	0.05	0.0098196	4.8735E-09
rs2302452	C	T	0.11	0.01	4.8768E-09
1:30788729_C_T	T	C	0.04	0.0075668	4.8772E-09
rs531473571	T	A	0.04	0.0070803	4.8815E-09
rs139789530	G	A	0.1	0.01	4.882E-09
rs145728392	G	A	0.13	0.02	4.8824E-09
rs528093387	A	G	0.06	0.01	4.8848E-09
rs545047397	C	T	0.11	0.01	4.8953E-09
rs149810650	T	C	0.14	0.02	4.9036E-09
rs141920862	G	C	0.05	0.0089956	4.9058E-09
rs143696259	G	A	0.11	0.01	4.9065E-09
rs183358197	T	C	0.15	0.02	4.9081E-09
rs79089964	G	A	0.13	0.02	4.9093E-09
rs540672170	C	A	0.11	0.01	4.9095E-09
rs147016462	T	C	0.11	0.01	4.9124E-09
rs143751630	A	G	0.11	0.01	4.9137E-09
rs564823138	C	T	0.11	0.01	4.9171E-09
rs78385225	A	G	0.06	0.01	4.918E-09
rs78471680	A	T	0.44	0.07	4.9184E-09
rs6711083	C	G	0.11	0.01	4.9201E-09
rs375647488	T	C	0.07	0.01	4.9215E-09
rs574793761	G	A	0.2	0.03	4.9235E-09
rs3010443	G	A	0.14	0.02	4.9265E-09
rs143448500	T	G	0.11	0.01	4.9271E-09
rs546252206	G	A	0.05	0.01	4.9274E-09
rs527707278	C	T	0.27	0.04	4.9282E-09
rs538811451	T	C	0.05	0.01	4.9303E-09
rs138160127	A	G	0.25	0.04	4.9304E-09
rs148134701	T	C	0.05	0.01	4.9351E-09
rs146486372	T	C	0.1	0.01	4.9357E-09
rs115920574	G	C	0.11	0.01	4.9368E-09
rs371380179	T	G	0.1	0.01	4.9368E-09
rs73790440	T	A	0.11	0.01	4.9379E-09
rs76773453	T	C	0.1	0.01	4.9404E-09
rs767529040	A	G	0.03	0.0051593	4.9418E-09
rs143435700	A	G	0.11	0.01	4.9424E-09
rs1439267	T	C	14.32	2.44	4.9466E-09
rs76164060	C	G	0.11	0.01	4.9475E-09
rs28538896	G	C	0.11	0.01	4.951E-09
1:10589072_G_A	A	G	0.02	0.0042302	4.9513E-09

rs115725795	A	G	0.11	0.01	4.9516E-09
rs369715612	C	T	0.19	0.03	4.9526E-09
rs116523505	C	T	0.1	0.01	4.9605E-09
rs556684813	T	C	0.25	0.04	4.9622E-09
rs13322951	T	C	0.11	0.01	4.9631E-09
rs116203255	T	C	0.11	0.01	4.9642E-09
rs114259754	A	G	0.1	0.01	4.9645E-09
rs543878592	T	C	0.11	0.01	4.9645E-09
rs77219974	A	T	0.11	0.01	4.9671E-09
rs144515278	C	T	0.03	0.0067277	4.9705E-09
rs139764400	C	T	0.11	0.01	4.9711E-09
rs118011128	T	C	0.13	0.02	4.9744E-09
rs369246768	G	C	0.04	0.0068542	4.9771E-09
rs559027772	G	T	0.05	0.0098525	4.9771E-09
rs559209058	T	C	0.03	0.0062303	4.9798E-09
rs770935781	A	G	0.06	0.01	4.9804E-09
rs112714565	C	A	0.02	0.0046539	4.9825E-09
rs557965723	G	C	0.09	0.01	4.9901E-09
rs544466539	A	G	0.08	0.01	4.9924E-09
rs2728761	C	T	0.11	0.01	4.9929E-09
rs112816817	T	C	0.11	0.01	4.9954E-09
rs115608284	T	C	0.11	0.01	4.9973E-09
rs111363277	T	C	0.11	0.01	4.9992E-09
rs528989832	T	G	0.13	0.02	4.9996E-09
rs73423330	T	C	0.04	0.0083342	5.0014E-09
rs143298357	C	A	0.26	0.04	5.0027E-09
rs374005607	A	G	0.05	0.0097573	5.0028E-09
rs115922038	G	A	0.11	0.01	5.0108E-09
rs115473044	A	G	0.03	0.0063338	5.0142E-09
rs181307915	G	A	0.11	0.01	5.0164E-09
rs553279054	C	T	0.11	0.01	5.0168E-09
rs568445184	G	A	0.06	0.01	5.0171E-09
rs114339900	A	G	0.04	0.0079381	5.0179E-09
rs142663398	C	G	0.1	0.01	5.0179E-09
rs146837853	G	A	0.06	0.01	5.0231E-09
rs116280618	A	T	0.11	0.01	5.0244E-09
rs59534328	C	A	0.11	0.01	5.0248E-09
rs181710427	G	T	0.21	0.03	5.0263E-09
rs115484039	C	T	0.11	0.01	5.0273E-09
rs116710437	A	G	0.04	0.0079379	5.0277E-09
rs190925408	G	A	0.06	0.01	5.028E-09
rs116253032	T	A	0.04	0.0079377	5.0307E-09
rs58940854	A	G	0.11	0.01	5.0334E-09
rs114592975	T	A	0.11	0.01	5.0336E-09
rs373517397	T	C	0.08	0.01	5.0366E-09
rs115249636	T	G	0.05	0.0097238	5.038E-09
rs114859312	T	C	0.11	0.01	5.0396E-09
rs57338936	A	G	0.03	0.0066183	5.0397E-09
rs561569421	C	G	0.1	0.01	5.0404E-09
rs151320255	G	T	0.11	0.02	5.0418E-09
rs143026817	G	A	0.11	0.01	5.0436E-09
rs147954158	G	A	0.13	0.02	5.0472E-09
rs141730899	C	G	0.11	0.01	5.051E-09
rs147979874	A	G	0.06	0.01	5.0535E-09
rs114199251	A	G	0.03	0.005239	5.0564E-09
rs563586165	C	G	0.12	0.02	5.0585E-09
rs144097735	T	C	0.04	0.0083136	5.0649E-09
rs114249544	T	C	0.11	0.01	5.0671E-09
rs377029757	A	G	0.12	0.02	5.0677E-09
rs141065969	A	G	0.11	0.01	5.0776E-09
rs184253130	A	G	0.13	0.02	5.078E-09

rs60822236	C	T	0.03	0.0066178	5.0784E-09
rs113140021	T	C	0.1	0.01	5.0784E-09
rs79048832	T	C	0.1	0.01	5.0823E-09
rs147111534	A	G	0.09	0.01	5.0864E-09
rs114422604	T	A	0.07	0.01	5.0904E-09
rs80005924	G	A	0.09	0.01	5.0908E-09
rs554115325	T	C	0.18	0.03	5.0915E-09
rs184125149	G	A	0.16	0.02	5.0921E-09
rs77946554	C	T	0.05	0.0097672	5.0925E-09
rs11934831	G	A	0.12	0.02	5.1069E-09
rs150683033	G	A	0.11	0.01	5.1117E-09
rs146238345	C	T	0.11	0.01	5.1136E-09
rs6730883	A	T	0.08	0.01	5.1141E-09
rs527960153	C	A	0.02	0.0043003	5.1166E-09
rs185744204	G	A	0.13	0.02	5.1168E-09
rs371523769	A	G	0.15	0.02	5.117E-09
rs115328757	T	C	0.11	0.01	5.1248E-09
2:202331342_A_G	G	A	0.03	0.0056936	5.1255E-09
rs7765259	G	A	-0.03	0.0056688	5.1287E-09
rs189328982	A	G	0.14	0.02	5.1292E-09
rs149278356	A	T	0.22	0.03	5.1309E-09
rs148311116	A	T	0.12	0.02	5.1323E-09
rs73380538	C	T	0.11	0.01	5.1324E-09
rs74505039	T	G	0.06	0.01	5.1333E-09
rs150208413	T	G	0.04	0.0069901	5.1352E-09
rs138253093	C	A	0.05	0.0099784	5.136E-09
rs147749237	C	T	0.11	0.02	5.1394E-09
rs77508733	C	A	0.2	0.03	5.1401E-09
rs573684028	T	G	0.11	0.02	5.1416E-09
rs375537713	G	A	0.05	0.0097709	5.1419E-09
rs74895249	C	T	0.11	0.01	5.1434E-09
rs60438348	T	C	0.11	0.01	5.1443E-09
rs79204847	A	C	0.05	0.0089647	5.1489E-09
rs147652660	C	T	0.06	0.01	5.1508E-09
rs549891510	G	C	0.11	0.01	5.1549E-09
rs73189101	T	C	0.11	0.01	5.1554E-09
rs146946099	A	G	0.1	0.01	5.1663E-09
rs145449900	A	G	0.11	0.01	5.1672E-09
rs11155499	G	A	0.1	0.01	5.1685E-09
rs73331176	A	C	0.05	0.0099668	5.1717E-09
rs72944601	A	G	0.11	0.01	5.1732E-09
rs577542373	A	T	0.14	0.02	5.1756E-09
rs117070716	C	T	0.16	0.02	5.1771E-09
rs762300996	T	C	0.03	0.0068265	5.1772E-09
rs184481438	G	A	0.11	0.01	5.1827E-09
8:113778934_C_T	T	C	0.03	0.0055567	5.1843E-09
rs75409522	C	G	0.03	0.0066633	5.1897E-09
rs139509944	G	A	0.11	0.01	5.1901E-09
rs148132473	A	G	0.17	0.03	5.1905E-09
rs147379126	T	C	0.11	0.01	5.1917E-09
rs78878257	T	G	0.05	0.0097723	5.1959E-09
rs574252730	T	G	0.03	0.0061926	5.1959E-09
rs76538877	C	T	0.04	0.0077018	5.199E-09
rs144739412	T	C	0.27	0.04	5.1993E-09
rs115923691	C	G	0.11	0.01	5.2022E-09
rs73863464	T	C	0.03	0.0066179	5.2034E-09
rs746643539	A	T	0.05	0.008623	5.205E-09
rs11945879	A	G	0.12	0.02	5.2052E-09
rs2179752	G	A	0.11	0.01	5.2052E-09
rs150022468	T	C	0.1	0.01	5.2054E-09
rs13321941	T	A	0.03	0.0065562	5.2066E-09



rs147351848	T	C	0.11	0.01	5.2074E-09
rs115590055	T	C	0.11	0.01	5.2099E-09
rs189263844	C	G	0.15	0.02	5.2106E-09
rs578082724	G	A	0.05	0.0097661	5.2107E-09
rs1972673	A	G	0.05	0.0097703	5.2129E-09
rs73103141	G	A	0.05	0.0086032	5.2192E-09
rs745627134	T	G	0.05	0.009746	5.221E-09
rs149901990	T	C	0.23	0.03	5.2212E-09
rs377491322	C	G	0.05	0.0088341	5.2223E-09
rs151134656	T	C	0.05	0.0097611	5.2251E-09
rs6947849	T	A	0.03	0.0066444	5.2293E-09
rs148131945	C	A	0.11	0.01	5.2339E-09
rs79592712	C	A	0.07	0.01	5.2346E-09
rs113845196	A	G	0.11	0.01	5.2434E-09
rs145303455	A	G	0.11	0.01	5.2441E-09
rs112281884	T	C	0.11	0.01	5.2444E-09
rs115656098	A	G	0.11	0.01	5.2509E-09
rs150761893	A	C	0.11	0.01	5.2534E-09
rs114498328	T	C	0.05	0.0096557	5.2583E-09
rs576390108	C	T	0.11	0.01	5.2586E-09
rs141607861	T	C	0.13	0.02	5.2591E-09
rs149051011	T	C	0.12	0.02	5.2622E-09
rs113318295	G	C	0.12	0.02	5.2683E-09
rs149996770	A	T	0.15	0.02	5.2706E-09
rs72947042	A	C	0.03	0.0066189	5.2725E-09
rs183517848	C	T	0.02	0.0050646	5.2777E-09
rs143099676	A	G	0.11	0.02	5.2782E-09
rs184207104	A	G	0.11	0.01	5.2805E-09
rs111841208	G	A	0.11	0.01	5.2815E-09
rs111479459	T	C	0.04	0.0077683	5.2816E-09
rs76914091	C	T	0.04	0.0077682	5.2826E-09
rs117162851	T	C	0.11	0.02	5.2826E-09
rs141738872	G	A	0.11	0.01	5.2869E-09
rs115509816	C	T	0.1	0.01	5.2898E-09
rs145906894	G	T	0.11	0.02	5.2907E-09
rs114382243	C	T	0.11	0.01	5.2913E-09
rs570854175	G	A	0.11	0.01	5.2924E-09
rs191360808	T	C	0.11	0.01	5.2945E-09
rs559631838	A	G	0.11	0.02	5.2947E-09
rs72925476	T	G	0.12	0.02	5.2979E-09
rs116696661	A	G	0.05	0.01	5.3009E-09
rs78028041	A	G	0.11	0.01	5.3015E-09
rs12113504	A	G	0.11	0.02	5.3021E-09
rs149706447	A	C	0.2	0.03	5.3041E-09
rs189921189	C	T	0.12	0.02	5.3069E-09
rs113642340	G	A	0.11	0.01	5.3072E-09
rs78498909	T	G	0.11	0.01	5.3088E-09
rs376600621	G	A	0.12	0.02	5.3127E-09
rs6954093	T	C	0.11	0.02	5.3159E-09
rs72925457	A	G	0.12	0.02	5.3164E-09
rs536727046	A	T	0.11	0.01	5.3164E-09
rs143571636	A	G	0.12	0.02	5.3204E-09
rs187713289	A	C	0.06	0.01	5.321E-09
rs6750536	T	C	0.04	0.0074672	5.3232E-09
rs190472690	G	A	0.1	0.01	5.3312E-09
rs568411269	T	G	0.1	0.01	5.3313E-09
rs145517210	T	C	0.11	0.01	5.3314E-09
rs114420537	C	G	0.11	0.01	5.3395E-09
rs139851341	A	G	0.11	0.01	5.34E-09
rs182230964	G	T	0.12	0.02	5.3431E-09
rs149425749	A	C	0.12	0.02	5.3431E-09

rs140750813	T	C	0.11	0.01	5.353E-09
rs139050000	G	A	0.05	0.0097545	5.3552E-09
rs570745893	T	C	0.13	0.02	5.3584E-09
rs146009494	C	T	0.14	0.02	5.3619E-09
rs7859846	T	C	0.23	0.03	5.3624E-09
rs77158288	A	C	0.05	0.0089346	5.3664E-09
rs115480081	A	G	0.11	0.01	5.3684E-09
rs149386380	A	C	0.11	0.01	5.3709E-09
rs144917180	T	C	0.14	0.02	5.3759E-09
rs143879763	C	A	0.11	0.01	5.3759E-09
rs56371800	T	C	0.06	0.01	5.3813E-09
rs140620523	G	C	0.11	0.01	5.3816E-09
rs7803046	T	G	0.04	0.0077157	5.3866E-09
rs114080465	T	C	0.11	0.01	5.389E-09
rs60062151	G	A	0.05	0.0099568	5.3929E-09
rs372813831	C	G	0.06	0.01	5.3944E-09
rs562840539	C	A	0.06	0.01	5.3946E-09
rs115718999	G	A	0.11	0.01	5.3994E-09
rs370330658	A	G	0.05	0.0097986	5.4011E-09
rs115413004	T	A	0.11	0.01	5.4024E-09
rs531554984	G	A	0.28	0.04	5.4028E-09
rs115832373	A	C	0.03	0.0067171	5.4061E-09
rs115868781	T	C	0.05	0.0093906	5.4062E-09
rs184665809	C	T	0.02	0.0043948	5.4069E-09
rs12115412	A	G	0.05	0.0096749	5.4094E-09
rs138078544	T	C	0.11	0.01	5.4157E-09
rs144179699	T	C	0.11	0.01	5.4215E-09
rs142132536	C	T	0.05	0.0098843	5.4254E-09
rs115696352	T	C	0.11	0.01	5.4306E-09
rs144195483	A	G	0.05	0.0099296	5.4324E-09
rs143505226	A	G	0.11	0.01	5.4357E-09
rs192961462	A	C	0.04	0.0071226	5.4362E-09
1:18385552_C_T	T	C	0.05	0.0094907	5.4413E-09
rs115977181	C	A	0.1	0.01	5.4417E-09
rs116225241	T	G	0.04	0.0077638	5.4419E-09
rs529533326	T	C	0.11	0.01	5.4454E-09
rs115744850	A	G	0.11	0.01	5.4491E-09
rs139856166	T	C	0.05	0.009893	5.4495E-09
rs564180853	A	G	0.23	0.04	5.4502E-09
rs541865010	A	G	0.05	0.0094741	5.4509E-09
rs73001340	A	G	0.04	0.0077646	5.4613E-09
rs545310307	T	G	0.05	0.01	5.4636E-09
rs181916624	C	T	0.11	0.01	5.466E-09
rs6470833	C	T	0.06	0.01	5.4662E-09
rs116476143	C	G	0.05	0.0097606	5.4667E-09
rs529242522	G	A	0.11	0.01	5.4705E-09
rs11984322	G	A	0.05	0.0099341	5.4712E-09
rs141250733	G	A	0.09	0.01	5.4724E-09
rs116754169	T	A	0.11	0.01	5.4748E-09
rs145241099	C	G	0.03	0.0068552	5.4825E-09
rs6963368	A	G	0.03	0.006638	5.4852E-09
rs150456561	T	C	0.12	0.02	5.4856E-09
rs138512004	C	T	0.11	0.01	5.4861E-09
rs144766577	A	C	0.66	0.11	5.4875E-09
rs140090807	G	A	0.66	0.11	5.4875E-09
4:47400249_C_T	T	C	0.09	0.01	5.4886E-09
rs546827999	A	C	0.11	0.01	5.4899E-09
rs150890147	T	C	0.0092192	0.0015809	5.4912E-09
rs74625540	A	G	0.04	0.0076677	5.4918E-09
rs112111777	G	A	0.11	0.01	5.4932E-09
rs192112990	C	T	0.11	0.01	5.4973E-09

rs77460282	T	C	0.11	0.01	5.4985E-09
rs76537590	G	A	0.04	0.0079412	5.5026E-09
7:57493563_G_A	A	G	0.1	0.01	5.5047E-09
rs58338958	T	C	0.04	0.0071809	5.5075E-09
rs111838646	T	C	0.3	0.05	5.5121E-09
rs80158764	A	C	0.1	0.01	5.514E-09
rs555174845	T	C	0.1	0.01	5.5159E-09
rs117363701	A	C	0.12	0.02	5.5165E-09
rs151233616	C	A	0.1	0.01	5.5187E-09
rs78290279	A	C	0.11	0.01	5.5196E-09
rs373718794	A	G	0.13	0.02	5.5216E-09
rs150570683	G	A	0.11	0.01	5.522E-09
rs144592388	A	G	0.26	0.04	5.5283E-09
rs75756272	A	G	0.11	0.01	5.5354E-09
rs114045062	A	G	0.09	0.01	5.5479E-09
rs146004089	C	T	0.05	0.0097851	5.5488E-09
rs78163699	A	T	0.03	0.0066478	5.5491E-09
rs372480363	T	G	0.11	0.01	5.5515E-09
rs145764785	A	G	0.1	0.01	5.5548E-09
rs113987297	A	G	0.09	0.01	5.5549E-09
rs539425236	T	C	0.11	0.01	5.5595E-09
rs114131971	A	G	0.11	0.02	5.5608E-09
rs60637679	G	A	0.04	0.0076961	5.5672E-09
rs142190671	A	G	0.11	0.02	5.5674E-09
rs116836973	A	G	0.03	0.0066474	5.5698E-09
rs143997364	T	C	0.03	0.0066474	5.5699E-09
rs183946836	G	A	0.13	0.02	5.5713E-09
rs116786584	A	G	0.04	0.0077128	5.5713E-09
rs561416565	T	A	0.11	0.02	5.5745E-09
rs139441729	G	A	0.11	0.01	5.5769E-09
rs147103943	G	T	0.06	0.01	5.577E-09
rs144129217	T	C	0.1	0.01	5.577E-09
rs115744388	A	G	0.39	0.06	5.5834E-09
rs7811287	A	T	0.04	0.0077123	5.5865E-09
rs780141329	C	T	0.04	0.0069506	5.5871E-09
rs539827110	C	T	0.11	0.01	5.5873E-09
rs532328041	C	G	0.11	0.01	5.5873E-09
rs142762034	T	G	0.05	0.0097443	5.5904E-09
rs140820470	T	G	0.05	0.0097443	5.5904E-09
rs183196162	G	C	0.11	0.01	5.5929E-09
rs116753346	G	A	0.05	0.0098606	5.5952E-09
rs73094112	A	T	0.11	0.02	5.5986E-09
rs114956678	T	C	0.11	0.01	5.5995E-09
rs115721613	T	C	0.12	0.02	5.5996E-09
rs141554422	A	G	0.12	0.02	5.5999E-09
rs111985343	T	C	0.11	0.01	5.6025E-09
rs369639174	G	A	0.11	0.01	5.6034E-09
rs570730508	T	C	0.03	0.0066195	5.6061E-09
rs181624239	A	G	0.11	0.01	5.6108E-09
rs190122034	C	A	0.03	0.0061974	5.6128E-09
rs60611293	C	T	0.11	0.01	5.6132E-09
rs55796784	T	C	0.06	0.01	5.6189E-09
rs112583273	A	C	0.11	0.01	5.6193E-09
rs565082856	T	C	0.1	0.01	5.6195E-09
rs114400575	T	C	0.05	0.0098607	5.622E-09
rs114043253	T	G	0.05	0.0098935	5.625E-09
rs72947059	G	T	0.03	0.0066154	5.6294E-09
rs532079305	A	G	0.07	0.01	5.6328E-09
rs77258247	A	T	0.11	0.01	5.6369E-09
rs151108077	C	T	0.1	0.01	5.6373E-09
rs137982272	A	C	0.11	0.01	5.6378E-09

rs113938680	A	G	0.11	0.01	5.6381E-09
rs111555932	C	T	0.09	0.01	5.6382E-09
rs28507056	T	C	0.11	0.02	5.6441E-09
rs771175965	T	C	0.01	0.0023035	5.6444E-09
rs58227056	A	G	0.03	0.0066149	5.6489E-09
rs78016013	A	C	0.11	0.01	5.6499E-09
rs140548602	A	G	0.1	0.01	5.6502E-09
rs114622620	G	A	0.23	0.03	5.6506E-09
rs187258934	T	A	0.23	0.03	5.6506E-09
rs60832899	G	C	0.11	0.01	5.6531E-09
rs186620621	G	A	0.11	0.01	5.6537E-09
rs147915357	A	G	0.1	0.01	5.6541E-09
rs113777379	G	A	0.1	0.01	5.6583E-09
rs112254156	G	A	0.09	0.01	5.6649E-09
rs180692484	T	C	0.05	0.0097249	5.6709E-09
rs572100554	T	G	0.11	0.01	5.6751E-09
rs116290083	G	A	0.03	0.0056421	5.6752E-09
rs116176787	T	C	0.35	0.06	5.6782E-09
rs147259322	A	T	0.05	0.0098878	5.6794E-09
rs574745059	A	G	0.13	0.02	5.6809E-09
rs554368930	T	C	0.08	0.01	5.6827E-09
rs72945582	G	T	0.11	0.01	5.6836E-09
rs190876308	C	T	0.11	0.01	5.684E-09
rs115695401	G	T	0.05	0.009958	5.6854E-09
rs192886225	C	T	0.1	0.01	5.6891E-09
rs115622101	A	C	0.11	0.01	5.6901E-09
rs116708657	C	T	0.11	0.01	5.6915E-09
rs112806878	A	T	0.11	0.01	5.692E-09
rs147150017	A	C	0.12	0.02	5.6926E-09
rs145576027	A	G	0.11	0.01	5.6938E-09
rs558929767	G	A	0.11	0.01	5.6956E-09
rs73764642	C	A	0.06	0.01	5.6972E-09
rs115752165	C	T	0.07	0.01	5.7007E-09
7:79457568_G_T	T	G	0.02	0.0047666	5.7007E-09
rs78706489	C	T	0.07	0.01	5.7024E-09
rs187750959	C	G	0.06	0.01	5.7029E-09
rs79457475	C	G	0.11	0.01	5.7044E-09
rs143121457	T	C	0.11	0.01	5.708E-09
rs148248432	C	T	0.09	0.01	5.7183E-09
rs775069473	C	T	0.03	0.0056583	5.7208E-09
rs192945006	G	A	0.11	0.01	5.7235E-09
rs113355998	A	G	0.14	0.02	5.7251E-09
rs112621356	A	G	0.11	0.01	5.7264E-09
rs369724220	G	A	0.09	0.01	5.7272E-09
rs151164453	T	C	0.13	0.02	5.7302E-09
rs147689484	C	T	0.1	0.01	5.7309E-09
rs77535910	T	C	0.06	0.01	5.7354E-09
rs368085967	G	C	0.11	0.01	5.7365E-09
rs146275103	C	T	0.11	0.02	5.7365E-09
rs548364956	T	C	0.04	0.0077624	5.7399E-09
rs566656148	A	G	0.05	0.01	5.7452E-09
rs75934057	C	T	0.12	0.02	5.7455E-09
rs114072297	C	A	0.11	0.01	5.7471E-09
rs142729479	A	G	0.11	0.01	5.7471E-09
rs141160190	A	G	0.04	0.0075682	5.7485E-09
rs142150554	A	G	0.38	0.06	5.7487E-09
rs73001343	G	C	0.04	0.0077586	5.7517E-09
rs114796308	A	G	0.1	0.01	5.7525E-09
rs183239452	A	G	0.05	0.01	5.7532E-09
rs181780680	C	T	0.11	0.02	5.7535E-09
rs533178932	T	C	0.03	0.0052071	5.7548E-09

rs147997960	G	C	0.11	0.01	5.7553E-09
rs184928601	A	G	0.08	0.01	5.7568E-09
rs74433511	C	T	0.03	0.0066682	5.7607E-09
rs147622256	T	C	0.39	0.06	5.762E-09
rs77711727	C	G	0.09	0.01	5.7643E-09
rs371024643	T	C	0.11	0.01	5.7645E-09
rs149152185	C	T	0.01	0.002799	5.7648E-09
rs79661632	A	T	0.04	0.0070329	5.7654E-09
rs79173067	A	G	0.11	0.01	5.7678E-09
rs183982913	T	C	0.46	0.07	5.7709E-09
rs147321369	C	T	0.11	0.01	5.7716E-09
rs148549523	T	C	0.16	0.02	5.7726E-09
rs114881577	G	A	0.11	0.02	5.7728E-09
rs149305112	G	A	0.2	0.03	5.7759E-09
rs73399006	G	C	1.48	0.25	5.7778E-09
4:190659584_C_A	A	C	0.11	0.01	5.7787E-09
rs115348743	G	C	0.16	0.02	5.779E-09
rs146326278	C	G	0.11	0.01	5.7802E-09
rs572734670	T	C	0.04	0.0077063	5.7808E-09
rs186959617	T	C	0.15	0.02	5.7832E-09
rs77603346	C	T	0.12	0.02	5.7848E-09
rs13393810	T	C	0.1	0.01	5.7964E-09
rs17086724	T	G	0.05	0.0098853	5.7969E-09
rs76785224	C	T	0.11	0.01	5.8026E-09
rs79703338	A	G	0.06	0.01	5.8032E-09
rs555112166	G	A	0.01	0.0028228	5.8032E-09
rs192788305	C	G	0.11	0.01	5.8129E-09
rs144285255	G	T	0.11	0.01	5.817E-09
rs144672488	G	T	0.1	0.01	5.8204E-09
rs116730108	A	G	0.12	0.02	5.8208E-09
rs573030009	C	A	0.11	0.01	5.8245E-09
rs77811689	C	T	0.11	0.02	5.8252E-09
rs114573855	T	C	0.04	0.0077012	5.8349E-09
rs79412643	T	A	0.19	0.03	5.8375E-09
rs117746476	A	G	0.11	0.01	5.8462E-09
rs112261438	G	A	0.06	0.01	5.8522E-09
rs147456126	C	T	0.1	0.01	5.8526E-09
rs116516325	G	T	0.11	0.02	5.8581E-09
rs575151220	T	C	0.19	0.03	5.86E-09
rs114029321	T	C	0.07	0.01	5.8605E-09
rs527757202	A	G	0.03	0.0063831	5.8609E-09
rs116598950	T	C	0.11	0.01	5.8611E-09
rs145511333	T	C	0.11	0.01	5.8626E-09
rs192690087	C	T	0.1	0.01	5.8655E-09
rs149033891	T	C	0.11	0.01	5.866E-09
rs184729185	G	T	0.17	0.03	5.8676E-09
rs140541009	C	A	0.11	0.01	5.871E-09
rs551669389	T	G	0.11	0.02	5.8721E-09
rs149936108	C	A	0.11	0.01	5.8745E-09
rs151174612	G	A	0.18	0.03	5.8775E-09
rs114717768	G	C	0.11	0.01	5.8792E-09
rs141211393	T	C	0.11	0.01	5.8811E-09
rs140802180	G	A	0.1	0.01	5.8816E-09
rs114175232	C	G	0.11	0.01	5.8824E-09
rs147919558	T	C	0.12	0.02	5.8866E-09
rs76920849	G	A	0.03	0.0066299	5.8876E-09
rs141417333	A	G	0.11	0.01	5.8889E-09
rs573112603	A	G	0.01	0.0021523	5.8906E-09
rs143254805	G	A	0.12	0.02	5.8939E-09
rs79861974	G	A	0.05	0.009606	5.8945E-09
rs55686200	C	A	0.06	0.01	5.8954E-09

rs144128770	G	A	0.11	0.01	5.8961E-09
rs146548349	G	A	0.11	0.01	5.8961E-09
rs73104896	A	T	0.05	0.0098006	5.8975E-09
rs143294095	T	C	0.04	0.0072482	5.8978E-09
rs114128575	C	T	0.11	0.01	5.9E-09
rs115983807	G	A	0.04	0.0068767	5.9012E-09
rs78220242	G	T	0.11	0.01	5.9047E-09
rs114933657	C	G	0.17	0.03	5.9064E-09
rs373072255	A	G	0.11	0.01	5.9065E-09
5:119808351_A_C	C	A	0.03	0.006849	5.9112E-09
rs140976321	T	C	0.14	0.02	5.9115E-09
rs75716817	G	A	0.1	0.01	5.9149E-09
rs114138659	C	T	0.18	0.03	5.9168E-09
rs539199739	G	C	0.17	0.02	5.9302E-09
rs555961978	C	T	0.07	0.01	5.9306E-09
rs28524913	C	T	0.14	0.02	5.9336E-09
rs139018315	A	C	0.12	0.02	5.9374E-09
rs11991678	C	G	0.1	0.01	5.9391E-09
rs115016256	A	G	0.1	0.01	5.9398E-09
rs111587098	T	C	0.11	0.01	5.94E-09
rs59392353	G	A	0.02	0.0037693	5.9406E-09
rs575128352	G	T	0.4	0.06	5.9469E-09
rs60571164	C	T	0.1	0.01	5.9477E-09
rs148428336	A	G	0.11	0.01	5.9513E-09
rs114627359	G	A	0.1	0.01	5.9516E-09
rs138806858	G	A	0.1	0.01	5.9536E-09
rs149767519	G	A	0.1	0.01	5.9551E-09
rs527331225	C	A	0.11	0.01	5.9619E-09
rs148107269	G	A	0.11	0.01	5.9637E-09
rs149486779	C	T	0.16	0.02	5.964E-09
rs543639120	A	T	0.11	0.01	5.9677E-09
rs114081071	A	G	0.11	0.01	5.9699E-09
rs141321041	C	A	0.19	0.03	5.9706E-09
rs150071720	T	C	0.66	0.11	5.9714E-09
rs139624801	C	T	0.2	0.03	5.9732E-09
rs139335775	T	C	0.11	0.01	5.975E-09
rs139031064	G	A	0.11	0.01	5.975E-09
rs138188575	A	G	0.09	0.01	5.9774E-09
rs139463721	G	A	0.16	0.02	5.979E-09
rs147079569	T	C	0.11	0.01	5.9811E-09
rs147359197	T	A	0.06	0.01	5.9864E-09
rs191589123	A	T	0.12	0.02	5.9887E-09
rs13376362	G	C	0.03	0.0066381	5.9902E-09
rs184331604	A	C	0.26	0.04	6.0084E-09
rs112824805	C	G	0.11	0.01	6.0089E-09
rs576061709	C	T	0.2	0.03	6.0136E-09
rs12664054	C	T	0.14	0.02	6.0166E-09
rs531215572	G	C	0.11	0.01	6.0218E-09
rs141362212	G	T	0.11	0.02	6.023E-09
rs78832691	T	C	0.1	0.01	6.0246E-09
rs11942480	A	G	0.11	0.02	6.028E-09
rs186771141	A	G	0.11	0.01	6.0309E-09
rs113798711	A	G	0.11	0.01	6.034E-09
rs202160763	C	T	0.11	0.01	6.0351E-09
rs112767025	C	G	0.11	0.01	6.0384E-09
rs75921799	A	G	0.1	0.01	6.0407E-09
rs113005199	T	G	0.12	0.02	6.0412E-09
rs747424535	A	G	0.02	0.0049466	6.0426E-09
rs73881536	A	G	0.15	0.02	6.043E-09
rs568760745	A	G	0.11	0.02	6.0433E-09
rs531149039	G	T	0.17	0.02	6.0435E-09

rs764605552	C	A	0.04	0.0073779	6.0505E-09
rs147055662	G	T	0.11	0.01	6.051E-09
rs74428981	C	A	0.11	0.01	6.0529E-09
rs145328992	G	C	0.03	0.0066086	6.0593E-09
rs146139569	T	C	0.06	0.01	6.0593E-09
rs376313329	T	G	0.05	0.0097961	6.0607E-09
rs567640870	T	A	0.11	0.01	6.0615E-09
rs150055071	T	C	0.1	0.01	6.0624E-09
rs114484857	T	C	0.11	0.01	6.064E-09
rs72937076	C	T	0.08	0.01	6.0767E-09
rs61180386	G	A	0.03	0.0066086	6.0866E-09
rs61621965	G	C	0.03	0.0066086	6.0866E-09
rs144408416	T	G	0.05	0.01	6.0869E-09
rs76470461	G	A	0.1	0.01	6.0947E-09
rs566249254	G	A	0.11	0.02	6.0948E-09
7:45835090_C_G	G	C	0.05	0.0091989	6.0955E-09
rs553095340	G	A	0.09	0.01	6.0964E-09
rs186878233	A	G	0.07	0.01	6.0985E-09
rs144515450	A	G	0.11	0.01	6.101E-09
rs76839093	A	G	0.08	0.01	6.1034E-09
rs141347715	C	G	0.12	0.02	6.111E-09
rs112396968	C	G	0.13	0.02	6.1133E-09
rs142959008	C	T	0.1	0.01	6.1156E-09
rs530154242	A	G	0.12	0.02	6.1204E-09
rs77406116	A	G	0.05	0.01	6.121E-09
rs57274639	C	T	0.03	0.0066087	6.1291E-09
rs538630949	A	G	0.12	0.02	6.1303E-09
rs144207105	T	C	0.06	0.01	6.1307E-09
rs183989753	G	C	0.12	0.02	6.131E-09
rs114973004	G	A	0.1	0.01	6.1314E-09
rs115666213	A	G	0.12	0.02	6.1352E-09
rs139135547	C	T	0.11	0.01	6.1374E-09
rs6979020	A	C	0.03	0.0066263	6.1376E-09
rs149422100	A	G	0.1	0.01	6.1383E-09
rs762809420	C	T	0.05	0.0091218	6.1395E-09
rs139695482	T	C	0.12	0.02	6.1418E-09
2:240972250_C_T	T	C	0.03	0.0056503	6.1431E-09
1:88082910_A_G	G	A	0.05	0.0089885	6.1439E-09
rs188043146	T	C	0.09	0.01	6.1442E-09
rs554341319	T	C	0.11	0.01	6.1476E-09
rs142104847	A	G	0.11	0.01	6.1479E-09
rs192568152	C	T	0.18	0.03	6.1499E-09
rs558730881	C	T	0.11	0.01	6.1499E-09
rs73881528	G	A	0.14	0.02	6.1553E-09
rs188713818	C	A	0.12	0.02	6.1573E-09
rs115293913	T	C	0.27	0.04	6.1609E-09
rs72944589	C	T	0.11	0.01	6.166E-09
rs144645508	T	C	0.11	0.02	6.1661E-09
rs58681242	T	C	0.11	0.01	6.167E-09
rs143662331	A	G	0.1	0.01	6.1688E-09
rs375302242	T	C	0.05	0.0096156	6.1712E-09
rs147320948	A	G	0.06	0.01	6.1718E-09
rs147113454	A	G	0.11	0.01	6.1721E-09
rs576783165	T	C	0.05	0.0098979	6.1805E-09
rs114994967	A	T	0.05	0.0098344	6.1836E-09
rs188719372	C	G	0.14	0.02	6.1852E-09
rs562504505	G	C	0.19	0.03	6.1872E-09
rs114309003	C	T	0.1	0.01	6.1895E-09
rs151042627	C	G	0.1	0.01	6.1909E-09
rs116381798	T	C	0.15	0.02	6.1922E-09
rs75206656	G	A	0.1	0.01	6.2042E-09

rs138080618	A	G	0.11	0.02	6.2042E-09
rs147418783	T	C	0.06	0.01	6.2063E-09
rs146489428	G	T	0.05	0.0098333	6.208E-09
rs149141273	A	G	0.11	0.02	6.2107E-09
rs139469869	T	C	0.11	0.01	6.2132E-09
rs10211480	A	G	0.1	0.01	6.2167E-09
rs182927712	T	G	0.1	0.01	6.218E-09
rs115088466	C	T	0.1	0.01	6.2215E-09
rs527609090	C	G	0.02	0.0047544	6.2235E-09
rs148288735	G	A	0.11	0.01	6.2238E-09
rs77873968	A	C	0.03	0.0066301	6.224E-09
rs188329479	A	C	0.13	0.02	6.2246E-09
rs142262231	C	A	0.24	0.04	6.2264E-09
rs367986491	T	C	0.11	0.01	6.2266E-09
rs150621950	C	A	0.11	0.01	6.2273E-09
rs142125612	A	G	0.1	0.01	6.2298E-09
rs142278478	A	C	0.1	0.01	6.23E-09
rs184046199	A	G	0.02	0.0042694	6.2324E-09
rs564767384	A	G	0.12	0.02	6.2324E-09
rs183273298	T	C	0.03	0.0053253	6.2325E-09
rs73558162	A	G	0.11	0.01	6.2497E-09
rs142883755	T	C	0.04	0.0069759	6.2502E-09
rs538664116	T	A	0.11	0.02	6.2508E-09
rs114646845	T	C	0.05	0.0098317	6.2509E-09
rs578129117	C	G	0.14	0.02	6.2552E-09
rs114004886	C	T	0.08	0.01	6.2594E-09
rs73733642	C	T	0.05	0.01	6.2624E-09
rs142116780	C	T	1.48	0.25	6.2665E-09
rs115560385	A	C	0.1	0.01	6.267E-09
rs78237100	C	T	0.07	0.01	6.2709E-09
rs79356735	C	T	0.15	0.02	6.2715E-09
rs777414923	G	T	0.04	0.0081376	6.2734E-09
rs17086726	A	G	0.05	0.0098762	6.2791E-09
rs370046392	C	T	0.11	0.01	6.2799E-09
rs114302368	A	G	0.22	0.03	6.2825E-09
rs73743468	T	C	0.13	0.02	6.2866E-09
rs370022408	G	A	0.13	0.02	6.2918E-09
rs149605204	A	G	0.13	0.02	6.2925E-09
rs114332382	A	C	0.05	0.0097674	6.2927E-09
rs184909547	G	T	0.13	0.02	6.2936E-09
rs149448075	G	A	0.11	0.02	6.3026E-09
rs114006289	A	G	0.05	0.0098515	6.3053E-09
rs112553299	T	C	0.11	0.01	6.3059E-09
rs184695269	A	G	0.11	0.02	6.3066E-09
rs1331642	C	G	0.1	0.01	6.3068E-09
rs148715175	C	A	0.11	0.01	6.3152E-09
rs181593120	T	G	0.11	0.01	6.3155E-09
rs115061863	G	C	0.3	0.05	6.3178E-09
rs116109677	T	C	0.11	0.01	6.3182E-09
5:151682809_C_T	T	C	0.05	0.0099069	6.3209E-09
rs148849546	C	A	0.09	0.01	6.3255E-09
rs117360271	T	G	0.11	0.01	6.3277E-09
rs114730787	G	A	0.05	0.0098885	6.3314E-09
rs562891277	C	A	0.11	0.01	6.333E-09
rs59091066	C	A	0.18	0.03	6.3374E-09
rs77351617	A	G	0.11	0.01	6.3388E-09
rs116290020	A	C	0.12	0.02	6.3392E-09
rs112571316	T	C	0.1	0.01	6.3442E-09
rs184393178	A	G	0.05	0.0093318	6.3444E-09
rs190510127	A	G	0.1	0.01	6.3445E-09
rs151150769	T	G	0.05	0.0099177	6.3507E-09



rs141713454	C	T	0.11	0.01	6.3552E-09
rs148344972	T	A	0.12	0.02	6.3555E-09
rs144174186	C	T	0.1	0.01	6.3566E-09
rs142688126	G	A	0.11	0.01	6.3612E-09
rs140822922	A	G	0.05	0.0097272	6.3613E-09
rs371059995	A	G	0.1	0.01	6.3663E-09
rs571385027	T	C	0.11	0.01	6.3689E-09
rs140018796	T	G	0.12	0.02	6.3695E-09
rs761617205	C	T	0.02	0.0051246	6.3743E-09
rs75681633	C	T	0.11	0.01	6.3779E-09
rs531495127	T	C	0.11	0.01	6.3789E-09
rs566462511	C	A	0.1	0.01	6.3813E-09
rs568120087	T	C	0.11	0.01	6.3822E-09
rs184153168	A	G	0.11	0.02	6.3827E-09
rs2252329	C	T	0.12	0.02	6.3829E-09
rs72991749	C	T	0.11	0.01	6.3831E-09
rs61546270	A	C	0.06	0.01	6.3882E-09
rs539283308	A	T	0.2	0.03	6.3905E-09
rs141622604	G	T	0.11	0.01	6.3906E-09
rs571578871	T	C	0.11	0.01	6.3922E-09
rs117885902	G	A	0.11	0.01	6.3991E-09
rs114140613	G	T	0.11	0.01	6.4024E-09
rs114309371	A	G	0.1	0.01	6.4026E-09
rs140745294	G	C	0.24	0.04	6.4148E-09
rs185609517	T	G	0.11	0.01	6.4151E-09
rs77056155	C	G	0.03	0.0066268	6.4165E-09
rs116288957	T	C	0.05	0.0099399	6.4171E-09
rs138129921	C	A	0.1	0.01	6.4188E-09
rs146373485	G	A	0.05	0.0097257	6.4231E-09
rs79042163	G	C	0.11	0.02	6.4232E-09
rs190639859	A	T	0.06	0.01	6.4233E-09
rs188283760	G	T	0.11	0.01	6.4299E-09
rs6932332	T	C	0.05	0.0097341	6.4301E-09
rs143484670	G	A	0.09	0.01	6.4308E-09
rs139022940	C	T	0.1	0.01	6.4375E-09
rs72947080	G	A	0.03	0.0066138	6.4414E-09
rs115995248	T	G	0.11	0.01	6.4456E-09
rs72947076	T	A	0.03	0.0066136	6.4521E-09
rs115254768	G	C	0.03	0.0066259	6.4537E-09
rs10931273	G	C	-0.03	0.0066525	6.4539E-09
rs4338931	T	A	-0.03	0.0066525	6.4539E-09
rs4599073	T	C	-0.03	0.0066525	6.4539E-09
rs149671280	G	A	0.13	0.02	6.454E-09
rs537863764	T	A	0.01	0.0034287	6.4592E-09
rs767705819	A	C	0.02	0.0037558	6.4624E-09
rs150342622	T	C	0.13	0.02	6.4625E-09
rs79704372	A	G	0.11	0.01	6.4628E-09
rs72993621	C	T	0.11	0.01	6.4636E-09
rs115350564	T	G	0.05	0.0097686	6.4639E-09
rs149835185	A	G	0.11	0.01	6.4658E-09
rs79194108	A	T	0.13	0.02	6.4671E-09
rs10167572	T	G	0.11	0.01	6.4681E-09
rs527933227	T	G	0.25	0.04	6.4682E-09
rs116118824	T	A	0.1	0.01	6.4683E-09
rs4411659	T	C	-0.03	0.0066524	6.4686E-09
rs111506950	C	A	0.11	0.01	6.4749E-09
rs140680075	T	A	0.11	0.01	6.4864E-09
rs542760747	A	G	0.1	0.01	6.4892E-09
rs763755224	A	G	0.05	0.01	6.4907E-09
rs143149056	T	C	0.06	0.01	6.4949E-09
rs147883523	T	G	0.11	0.02	6.4953E-09

rs563018349	C	T	0.1	0.01	6.5041E-09
rs148355849	T	C	0.1	0.01	6.5139E-09
rs769647728	C	T	0.03	0.0067147	6.5148E-09
rs200400057	T	C	0.62	0.1	6.5216E-09
rs115581297	A	T	0.03	0.0066247	6.522E-09
rs150095341	A	G	0.1	0.01	6.5236E-09
rs75446750	G	A	0.03	0.0066247	6.5245E-09
rs144188062	A	G	0.11	0.01	6.529E-09
rs114611323	G	A	0.05	0.0096827	6.5316E-09
rs59608585	A	G	0.11	0.01	6.5325E-09
rs114318708	A	T	0.06	0.01	6.5399E-09
rs116551211	A	G	0.1	0.01	6.5446E-09
rs554337023	C	T	0.13	0.02	6.547E-09
rs143604272	T	C	0.13	0.02	6.5479E-09
rs115871479	C	T	0.15	0.02	6.5588E-09
rs114213071	C	T	0.11	0.01	6.5863E-09
rs185862402	C	G	0.14	0.02	6.5885E-09
rs548243426	T	C	0.11	0.01	6.5905E-09
rs73075337	T	C	0.13	0.02	6.5954E-09
rs7027373	G	A	0.11	0.01	6.5962E-09
rs759676074	A	G	0.04	0.0079898	6.5974E-09
rs116382553	C	T	0.05	0.01	6.5979E-09
rs75132127	G	A	0.05	0.01	6.5979E-09
rs76259328	G	A	0.05	0.01	6.5979E-09
rs77552813	G	A	0.05	0.01	6.5979E-09
rs79585312	T	C	0.11	0.01	6.5998E-09
rs112110972	G	A	0.09	0.01	6.6006E-09
rs192796378	G	A	0.05	0.0099976	6.6007E-09
rs116687986	T	C	0.11	0.01	6.6091E-09
rs566727354	A	T	0.1	0.01	6.6114E-09
rs75943154	C	T	0.11	0.01	6.6178E-09
rs2802964	C	T	0.11	0.01	6.6226E-09
rs547454927	A	G	0.23	0.04	6.6249E-09
rs768494210	C	T	0.04	0.0070767	6.6306E-09
rs186466460	G	T	0.11	0.01	6.6368E-09
rs112970254	T	C	0.11	0.01	6.6389E-09
rs141504730	A	C	0.1	0.01	6.639E-09
rs116040450	A	G	0.18	0.03	6.6406E-09
rs200275217	A	G	0.03	0.0067014	6.6413E-09
rs114670658	T	G	0.11	0.02	6.6428E-09
rs191748660	A	G	0.05	0.0098868	6.643E-09
rs190907351	C	G	0.11	0.01	6.644E-09
rs144054542	T	C	0.03	0.0066223	6.6442E-09
rs182630457	A	T	0.12	0.02	6.6453E-09
rs142482399	T	C	0.19	0.03	6.6461E-09
rs376281936	C	T	0.02	0.0048072	6.6497E-09
rs148993421	G	T	0.03	0.0066222	6.6595E-09
rs142483472	A	G	0.06	0.01	6.6602E-09
rs151222017	A	G	0.12	0.02	6.6646E-09
rs557362066	A	G	0.11	0.01	6.6669E-09
rs542495667	T	C	0.22	0.03	6.6671E-09
rs80292075	A	T	0.11	0.01	6.6686E-09
rs373844618	G	A	0.05	0.01	6.6819E-09
rs77528010	G	A	0.11	0.02	6.6857E-09
rs114423998	T	A	0.1	0.01	6.6905E-09
rs145270321	A	G	0.04	0.0084044	6.6907E-09
rs115858195	T	A	0.03	0.0066214	6.6941E-09
rs149363807	A	G	0.19	0.03	6.6998E-09
rs145773334	T	C	0.11	0.01	6.7016E-09
rs111664330	T	C	0.03	0.0066154	6.7016E-09
rs72947092	T	C	0.03	0.0066154	6.702E-09

rs542474172	T	C	0.03	0.0052109	6.7031E-09
rs111719252	G	T	0.1	0.01	6.704E-09
rs147780097	A	T	0.08	0.01	6.705E-09
rs114959761	G	A	0.1	0.01	6.7051E-09
rs185376355	A	T	0.21	0.03	6.7059E-09
rs570184516	A	G	0.1	0.01	6.7065E-09
rs181733354	G	A	0.1	0.01	6.7082E-09
rs11943835	G	A	0.11	0.02	6.709E-09
rs115503227	A	T	0.12	0.02	6.71E-09
rs144536639	A	G	0.06	0.01	6.7128E-09
rs146289878	G	A	0.11	0.02	6.714E-09
rs114068816	A	C	0.03	0.0065969	6.714E-09
rs11939714	T	G	0.11	0.02	6.7157E-09
rs576008070	G	A	0.02	0.0042024	6.7179E-09
rs112183248	C	T	0.05	0.0089594	6.7183E-09
rs72947090	C	G	0.03	0.0066148	6.7209E-09
rs114657352	T	C	0.1	0.01	6.7216E-09
rs562029481	C	A	0.03	0.0062865	6.7227E-09
rs11937654	A	T	0.11	0.02	6.7328E-09
rs182345266	T	C	0.11	0.02	6.7328E-09
rs146090216	T	C	0.11	0.01	6.733E-09
5:127384319_C_T	T	C	0.05	0.0094673	6.736E-09
rs546249441	C	G	0.09	0.01	6.7364E-09
rs75492382	C	A	0.16	0.02	6.7372E-09
rs75398357	C	T	0.05	0.0098644	6.7384E-09
rs189959894	T	C	0.11	0.01	6.739E-09
rs138037655	A	C	0.1	0.01	6.7406E-09
rs112213190	G	A	0.12	0.02	6.7408E-09
rs74867305	T	G	0.04	0.007947	6.7427E-09
rs74720427	A	G	0.1	0.01	6.7438E-09
rs115618301	G	C	0.05	0.0096129	6.7448E-09
rs115122433	A	C	0.04	0.0079469	6.7471E-09
rs113915629	T	C	0.08	0.01	6.7504E-09
rs115375775	G	C	0.1	0.01	6.7511E-09
rs140442569	G	A	0.13	0.02	6.7524E-09
rs114423436	C	T	0.05	0.01	6.7536E-09
rs115458127	G	A	0.05	0.01	6.7536E-09
rs79762264	T	A	0.04	0.0079467	6.7537E-09
rs76524390	G	A	0.03	0.0066202	6.7586E-09
rs137970370	T	A	0.11	0.01	6.7654E-09
rs550789119	T	A	0.11	0.01	6.7676E-09
rs185650742	T	C	0.12	0.02	6.768E-09
rs147777339	A	G	0.1	0.01	6.7708E-09
rs115119826	T	C	0.1	0.01	6.7708E-09
rs3778192	A	G	0.11	0.01	6.7709E-09
7:108439855_C_G	G	C	0.04	0.0069923	6.7746E-09
rs115563560	G	T	0.05	0.0096287	6.7749E-09
rs61375216	G	A	0.03	0.0066061	6.7755E-09
rs79334980	A	G	0.05	0.01	6.7765E-09
rs148045673	A	G	0.03	0.0066001	6.7781E-09
rs143531235	A	G	0.1	0.01	6.7798E-09
rs16824109	A	T	0.09	0.01	6.7816E-09
rs115464570	A	G	0.1	0.01	6.7839E-09
rs73889976	A	G	0.03	0.0063811	6.7869E-09
rs80295915	T	C	0.03	0.0066003	6.7889E-09
rs532397318	A	T	0.1	0.01	6.7892E-09
rs61585926	A	G	0.06	0.01	6.7905E-09
rs116702890	A	C	0.1	0.01	6.7971E-09
rs561477889	T	C	0.19	0.03	6.7996E-09
rs188406838	T	C	0.11	0.01	6.8046E-09
rs539735495	T	C	0.1	0.01	6.8067E-09

rs60755850	T	C	0.06	0.01	6.8081E-09
rs56118124	A	C	0.1	0.01	6.8097E-09
rs575695456	G	T	0.02	0.0050161	6.8119E-09
rs192006119	T	C	7.17	1.23	6.8271E-09
rs6947719	G	A	0.03	0.0065983	6.8343E-09
rs115658737	G	A	0.05	0.01	6.8392E-09
rs111683056	A	T	0.1	0.01	6.8451E-09
rs144805244	G	A	1.01	0.17	6.8491E-09
rs79961031	A	G	0.06	0.01	6.85E-09
rs777290020	T	G	0.01	0.002783	6.8511E-09
rs79096273	C	T	0.03	0.0066001	6.8517E-09
rs145337256	T	C	0.11	0.01	6.8522E-09
rs79954909	G	C	0.11	0.01	6.8522E-09
rs374054510	C	G	0.05	0.0096613	6.853E-09
rs151109834	A	G	0.29	0.05	6.8543E-09
rs148978717	T	A	0.05	0.0097091	6.8559E-09
rs73797440	G	A	0.1	0.01	6.8614E-09
rs60712597	G	A	0.1	0.01	6.8634E-09
rs781681960	C	T	0.04	0.0072109	6.8638E-09
rs57883269	T	C	0.03	0.0066072	6.866E-09
rs570050102	G	C	0.05	0.0095436	6.8661E-09
rs112164407	T	C	0.1	0.01	6.8665E-09
rs138082977	A	T	0.03	0.0065998	6.87E-09
rs115426211	G	A	0.11	0.01	6.8713E-09
rs144541732	A	G	0.48	0.08	6.8716E-09
rs138375954	A	G	0.66	0.11	6.8721E-09
rs148599944	G	A	0.1	0.01	6.8727E-09
rs372179077	A	C	0.06	0.01	6.8746E-09
rs150433462	G	A	0.1	0.01	6.8779E-09
rs79345083	G	A	0.03	0.0065992	6.8797E-09
rs111364677	G	C	0.11	0.01	6.8874E-09
rs763309437	A	G	0.04	0.0076514	6.8902E-09
rs73693019	G	A	0.03	0.0067682	6.8905E-09
rs112071363	T	C	0.11	0.01	6.8928E-09
rs115982019	G	C	0.11	0.01	6.8956E-09
rs145587229	A	G	0.1	0.01	6.9066E-09
rs112973418	T	C	0.28	0.04	6.9084E-09
rs559705813	A	T	0.03	0.0052317	6.9259E-09
rs116364820	G	A	0.1	0.01	6.926E-09
rs528762351	A	G	0.06	0.01	6.9269E-09
rs139942070	A	G	0.03	0.0066168	6.9285E-09
rs115462726	T	C	0.03	0.0066192	6.9314E-09
rs114101675	T	C	0.29	0.05	6.9315E-09
rs141442387	A	G	0.29	0.05	6.9315E-09
rs181058548	A	T	0.04	0.0074703	6.9336E-09
rs116721669	A	T	0.03	0.0066189	6.9356E-09
rs6673172	C	A	0.03	0.0066189	6.9356E-09
rs73694491	T	A	0.1	0.01	6.936E-09
rs140653215	A	C	0.09	0.01	6.9364E-09
rs545981300	A	G	0.2	0.03	6.9421E-09
rs148323247	G	C	0.1	0.01	6.9422E-09
rs557835414	T	C	0.03	0.0060872	6.9423E-09
rs372096996	C	T	0.05	0.0096907	6.949E-09
rs115898371	T	G	0.1	0.01	6.9491E-09
rs59236694	T	C	0.02	0.0043157	6.9575E-09
rs115763179	C	T	0.11	0.01	6.9601E-09
rs377577585	C	T	0.05	0.0096902	6.9629E-09
rs78313302	G	A	0.03	0.0066185	6.9639E-09
rs148583027	G	T	0.08	0.01	6.9654E-09
rs754531565	C	T	0.03	0.0062005	6.9726E-09
8:69810456_C_T	T	C	0.04	0.0069077	6.9739E-09

rs552704618	T	G	0.16	0.02	6.9776E-09
rs577231649	A	G	0.04	0.0069401	6.9785E-09
rs61425508	A	C	0.03	0.006615	6.9787E-09
rs17866020	A	G	0.1	0.01	6.9787E-09
rs146313989	T	G	0.11	0.01	6.9788E-09
rs531183544	G	A	0.09	0.01	6.9812E-09
rs111845972	T	C	0.22	0.03	6.9813E-09
rs571404585	C	G	0.09	0.01	6.9819E-09
rs546484593	C	T	0.03	0.0064265	6.9824E-09
rs185379665	G	A	0.48	0.08	6.9826E-09
rs146856898	A	G	0.05	0.0096732	6.9844E-09
rs185818900	T	C	2.86	0.49	6.9878E-09
rs139094532	C	T	0.1	0.01	6.9913E-09
rs111250735	T	C	0.13	0.02	6.993E-09
rs111509224	A	G	0.13	0.02	6.9954E-09
rs139237388	C	T	0.04	0.0080878	6.998E-09
rs187069597	G	A	0.65	0.11	7.0013E-09
rs144963944	A	G	0.11	0.01	7.0023E-09
rs557711319	T	A	0.05	0.0096892	7.0074E-09
rs551896002	T	C	0.08	0.01	7.0082E-09
rs186607461	A	T	0.05	0.0096593	7.0084E-09
rs28850118	A	C	0.03	0.0066143	7.0099E-09
rs138477863	G	A	0.13	0.02	7.0099E-09
rs141982025	T	C	0.03	0.0066143	7.0109E-09
rs79624578	A	G	0.03	0.0066137	7.0189E-09
rs114489132	T	G	0.1	0.01	7.0203E-09
rs542727714	T	A	0.05	0.0089826	7.024E-09
rs3872832	A	G	0.06	0.01	7.0251E-09
rs73538930	C	T	0.13	0.02	7.026E-09
rs139618981	A	G	0.03	0.0056576	7.0277E-09
rs374155539	A	G	0.08	0.01	7.0283E-09
rs147615944	A	G	0.1	0.01	7.0285E-09
rs575572624	T	C	0.04	0.0074894	7.0291E-09
rs181134196	T	C	0.05	0.009674	7.0361E-09
rs577825531	G	A	0.01	0.0029171	7.037E-09
rs113372316	C	T	0.11	0.01	7.0431E-09
rs148566425	T	C	0.04	0.0084585	7.0449E-09
rs145919029	A	G	0.03	0.0066137	7.0486E-09
rs368834562	C	G	0.12	0.02	7.0537E-09
rs114433068	C	T	0.03	0.0066131	7.0571E-09
rs561651588	C	A	0.12	0.02	7.0618E-09
rs141891930	G	A	0.65	0.11	7.0623E-09
rs139465608	G	A	0.11	0.01	7.0634E-09
rs150954561	T	C	0.06	0.01	7.0647E-09
rs147388035	A	T	0.03	0.0066166	7.0656E-09
rs60137217	C	A	0.03	0.0066166	7.0656E-09
rs115717395	A	C	0.03	0.0066166	7.0656E-09
rs115329961	T	A	0.03	0.0066166	7.0656E-09
rs142411878	T	C	0.2	0.03	7.0668E-09
rs142007906	G	A	0.03	0.0066166	7.0729E-09
rs192394512	G	A	0.1	0.01	7.0778E-09
rs79308117	C	A	0.03	0.0066166	7.0857E-09
rs73001322	T	A	0.04	0.0077001	7.0859E-09
rs116234354	A	G	0.1	0.01	7.086E-09
rs186785033	A	G	0.1	0.01	7.0887E-09
rs59445713	G	A	0.03	0.0066165	7.0888E-09
rs77258443	A	G	0.11	0.01	7.0915E-09
rs115453656	A	T	0.1	0.01	7.0978E-09
rs540283507	G	A	0.2	0.03	7.0991E-09
rs543066366	A	C	0.2	0.03	7.0991E-09
rs115885066	T	C	0.06	0.01	7.1E-09

rs568126667	A	G	0.05	0.0089479	7.1019E-09
rs78045814	C	T	0.11	0.01	7.1021E-09
rs78919161	T	C	0.1	0.01	7.1031E-09
rs56381514	T	C	0.11	0.02	7.1055E-09
rs180854028	A	T	0.05	0.0096879	7.1074E-09
rs138314957	T	C	0.1	0.01	7.1103E-09
rs146314744	G	A	0.06	0.01	7.1121E-09
rs141286439	C	G	0.03	0.0065086	7.1125E-09
rs75661066	T	C	0.04	0.0079484	7.1134E-09
rs143972011	G	A	0.02	0.0047393	7.1137E-09
rs769166323	C	T	0.02	0.003834	7.115E-09
rs116592234	T	C	0.11	0.01	7.115E-09
rs138079418	G	A	0.1	0.01	7.1184E-09
rs181604007	A	C	0.05	0.0096579	7.1192E-09
rs376149972	G	A	0.1	0.01	7.1263E-09
rs115254732	A	T	0.07	0.01	7.1264E-09
rs143149189	A	T	0.05	0.0098878	7.1286E-09
rs143690233	A	G	0.03	0.0066125	7.1295E-09
rs79315205	C	G	0.1	0.01	7.13E-09
rs57675031	G	A	0.1	0.01	7.1321E-09
rs75857973	C	T	0.1	0.01	7.1321E-09
rs113999842	T	C	0.65	0.11	7.1325E-09
rs114477993	C	G	0.11	0.01	7.1361E-09
rs112342669	A	T	0.2	0.03	7.1375E-09
rs60777355	A	G	0.03	0.0065948	7.1386E-09
rs115731994	T	G	0.03	0.0066117	7.1417E-09
rs192624304	G	C	0.11	0.01	7.1417E-09
rs77817375	A	T	0.02	0.0051545	7.1424E-09
rs10158907	C	A	0.03	0.0066116	7.1442E-09
rs535179867	G	T	0.1	0.01	7.1443E-09
rs143431286	A	G	4.07	0.7	7.1462E-09
rs377429344	C	A	0.11	0.01	7.1462E-09
rs141966161	G	A	0.11	0.01	7.1467E-09
rs138355412	C	A	0.05	0.0096728	7.1508E-09
rs143675973	A	G	0.05	0.0097061	7.1548E-09
rs141951727	T	C	0.09	0.01	7.1594E-09
rs191285870	A	G	0.11	0.01	7.1611E-09
rs142729411	C	T	0.11	0.02	7.1662E-09
rs115429471	G	A	0.1	0.01	7.168E-09
rs568015591	G	A	0.21	0.03	7.1685E-09
rs776014726	A	G	0.05	0.0099735	7.1686E-09
rs146896493	C	T	0.1	0.01	7.1703E-09
rs149212054	T	G	0.11	0.01	7.1722E-09
rs566927409	T	A	0.02	0.0051628	7.1756E-09
rs140858198	T	C	0.1	0.01	7.176E-09
rs570678296	G	A	0.13	0.02	7.1789E-09
rs16904809	A	G	0.1	0.01	7.1831E-09
rs555832635	T	A	0.21	0.03	7.1864E-09
rs78878607	A	C	0.03	0.0052029	7.1874E-09
rs114670532	G	A	0.1	0.01	7.1985E-09
rs186489774	G	A	0.11	0.01	7.2016E-09
rs749763579	T	C	0.04	0.0070635	7.2021E-09
rs199621305	T	C	0.04	0.0082906	7.2069E-09
rs116641245	G	A	0.11	0.01	7.2078E-09
rs187212312	C	T	0.04	0.0072377	7.2095E-09
rs542928553	C	T	0.54	0.09	7.2112E-09
rs116167634	T	C	0.11	0.01	7.2139E-09
rs374354157	G	T	0.11	0.01	7.2144E-09
rs11006544	C	T	0.11	0.01	7.2174E-09
rs186280952	T	C	0.1	0.01	7.2204E-09
rs541909921	G	T	0.07	0.01	7.2212E-09

rs76489809	G	A	0.11	0.01	7.2258E-09
9:69857908_C_T	T	C	0.06	0.01	7.2274E-09
rs143720301	A	G	0.1	0.01	7.2319E-09
rs141922602	A	G	0.1	0.01	7.2337E-09
rs182200895	C	T	0.08	0.01	7.2359E-09
rs189831800	C	T	0.08	0.01	7.2359E-09
rs577981106	C	T	0.1	0.01	7.2364E-09
rs143087296	G	C	0.11	0.02	7.2371E-09
rs371421593	A	T	0.1	0.01	7.2393E-09
rs73764665	G	T	0.06	0.01	7.2423E-09
rs141162210	C	A	0.02	0.0042341	7.2427E-09
rs149149194	G	T	0.1	0.01	7.2492E-09
rs539630533	T	C	0.03	0.0068908	7.2495E-09
rs193226294	T	A	0.1	0.01	7.2502E-09
rs142477537	A	T	0.03	0.0066092	7.2511E-09
rs115777225	C	T	0.1	0.01	7.2519E-09
rs75542109	T	C	0.06	0.01	7.2596E-09
rs142283747	C	T	0.05	0.0096864	7.2622E-09
rs142608935	T	G	0.11	0.01	7.2648E-09
rs114104126	A	G	0.1	0.01	7.2672E-09
rs55884924	G	A	0.07	0.01	7.274E-09
rs748889763	G	C	0.03	0.0052257	7.2808E-09
rs113892343	C	T	0.03	0.0066178	7.2876E-09
rs116521534	T	C	0.12	0.02	7.288E-09
rs546955303	A	G	0.1	0.01	7.2883E-09
rs79886769	C	T	0.11	0.02	7.2884E-09
rs73670313	A	G	0.03	0.0065688	7.2935E-09
rs141495954	C	T	0.21	0.03	7.2954E-09
rs566467428	T	C	0.16	0.02	7.3004E-09
rs76457810	C	T	0.03	0.0065963	7.3011E-09
rs115166368	G	A	0.1	0.01	7.3043E-09
rs142395059	G	A	0.11	0.02	7.3054E-09
rs548434822	C	G	0.12	0.02	7.3067E-09
rs76444168	G	A	0.12	0.02	7.3091E-09
rs191075663	A	T	0.16	0.02	7.3101E-09
rs141751363	C	T	0.08	0.01	7.3114E-09
rs573949608	A	G	0.03	0.0062074	7.3144E-09
rs117747773	C	A	0.11	0.02	7.3172E-09
rs186442626	T	C	0.01	0.0027697	7.3173E-09
rs528292665	T	C	0.11	0.01	7.3196E-09
rs555564309	C	T	0.11	0.01	7.3237E-09
rs56770084	C	T	0.06	0.01	7.3245E-09
rs139996575	C	G	0.11	0.01	7.3259E-09
rs116285873	T	C	0.12	0.02	7.334E-09
rs139910267	A	G	0.16	0.02	7.3352E-09
rs367762491	T	G	0.11	0.01	7.3362E-09
rs72949079	C	T	0.03	0.00666	7.3384E-09
rs61103093	T	C	0.03	0.0066076	7.339E-09
rs58932176	T	C	0.03	0.0066076	7.339E-09
rs57665266	A	G	0.03	0.0066076	7.339E-09
rs369490635	T	G	0.1	0.01	7.3395E-09
rs115296974	A	C	0.11	0.02	7.3413E-09
rs141091639	A	G	0.11	0.01	7.3413E-09
rs116706055	G	T	0.03	0.0065932	7.3478E-09
rs187804274	A	C	0.11	0.01	7.3497E-09
rs144122486	T	C	0.11	0.01	7.3509E-09
rs113041624	T	C	0.1	0.01	7.354E-09
rs74089672	T	C	0.04	0.0084551	7.355E-09
rs372434783	A	G	0.05	0.01	7.3575E-09
rs148400338	G	A	0.11	0.01	7.3581E-09
rs77351403	C	T	0.1	0.01	7.3628E-09

rs564107149	A	G	0.12	0.02	7.3667E-09
rs114068212	A	G	0.06	0.01	7.3676E-09
rs139253385	C	T	0.1	0.01	7.374E-09
rs543103647	G	C	0.1	0.01	7.3818E-09
rs535080411	T	G	0.14	0.02	7.3819E-09
rs116243745	C	T	0.1	0.01	7.3826E-09
rs534571000	T	C	0.12	0.02	7.3846E-09
rs576784517	A	G	0.05	0.01	7.3869E-09
rs73683733	T	C	0.03	0.0066554	7.3875E-09
rs569078566	A	G	0.1	0.01	7.3899E-09
rs577940023	A	G	0.14	0.02	7.3928E-09
rs536006257	A	G	0.11	0.02	7.3928E-09
rs181039560	T	C	0.11	0.02	7.3941E-09
rs113268845	T	G	0.08	0.01	7.397E-09
rs77957020	G	A	0.11	0.01	7.398E-09
rs77916047	C	T	0.11	0.01	7.4E-09
rs756505973	T	C	0.02	0.0043903	7.4001E-09
rs80268054	A	C	0.1	0.01	7.4014E-09
rs541624364	A	T	0.1	0.01	7.4021E-09
rs193072824	G	A	0.09	0.01	7.4036E-09
rs187933802	T	C	0.09	0.01	7.4036E-09
rs77132721	G	C	0.06	0.01	7.4041E-09
rs59249132	A	G	0.03	0.0066065	7.4099E-09
rs116064740	C	T	0.19	0.03	7.4109E-09
rs75866070	G	A	0.1	0.01	7.4113E-09
rs545696834	T	G	0.1	0.01	7.4157E-09
rs138242553	C	A	0.06	0.01	7.4253E-09
7:103433971_C_T	T	C	0.05	0.0099571	7.4264E-09
rs192134615	A	G	0.87	0.15	7.427E-09
rs572840258	G	A	0.21	0.03	7.4274E-09
rs577240763	G	T	0.18	0.03	7.4335E-09
rs189511636	T	C	0.04	0.0069951	7.435E-09
rs150518399	A	G	0.05	0.01	7.4409E-09
rs73864225	A	G	0.1	0.01	7.4497E-09
rs148138933	A	G	0.03	0.0066063	7.4517E-09
rs115504418	A	G	0.06	0.01	7.4555E-09
rs149905360	A	G	0.11	0.01	7.4712E-09
rs761394646	T	C	0.04	0.0070944	7.4736E-09
rs79314025	C	G	0.1	0.01	7.4752E-09
rs373087214	T	C	0.11	0.01	7.4763E-09
rs138120597	C	A	0.1	0.01	7.477E-09
rs144863195	G	C	0.11	0.01	7.4778E-09
rs149259683	T	C	0.11	0.01	7.4794E-09
rs148442439	C	A	0.11	0.01	7.4821E-09
rs75886250	T	C	0.11	0.01	7.4862E-09
rs182448903	G	A	0.85	0.14	7.4904E-09
rs559676200	G	T	0.85	0.14	7.491E-09
rs138915713	G	C	0.1	0.01	7.4927E-09
rs138712724	C	T	0.1	0.01	7.4933E-09
rs533874866	T	C	0.06	0.01	7.4949E-09
rs151183646	T	C	0.11	0.01	7.4954E-09
rs138338212	C	T	0.11	0.02	7.4987E-09
rs74496429	A	G	0.11	0.01	7.5056E-09
rs79611524	C	T	0.11	0.01	7.5056E-09
rs559171565	C	T	0.1	0.01	7.5084E-09
rs188282383	T	C	0.44	0.07	7.5093E-09
rs146064708	G	T	0.13	0.02	7.5094E-09
rs116177573	G	A	0.16	0.02	7.5144E-09
rs72937085	A	G	0.08	0.01	7.5152E-09
rs6779020	C	G	0.05	0.0098334	7.5168E-09
rs773863358	G	C	0.03	0.0064236	7.5227E-09



rs560277863	T	C	0.1	0.01	7.5238E-09
rs73333011	T	G	0.05	0.0096827	7.5239E-09
2:185972597_T_C	C	T	0.04	0.0071072	7.5249E-09
rs541707395	A	G	0.61	0.1	7.526E-09
rs530022819	T	C	1.4	0.24	7.5261E-09
rs527669523	T	A	0.11	0.01	7.5295E-09
rs111451058	T	C	0.1	0.01	7.5318E-09
rs143734995	T	C	0.11	0.01	7.5358E-09
rs142365357	A	G	0.1	0.01	7.538E-09
rs58938898	C	T	0.1	0.01	7.5391E-09
rs61028448	A	C	0.06	0.01	7.541E-09
rs541005308	T	G	0.02	0.0043637	7.5437E-09
rs531689853	A	G	0.1	0.01	7.5442E-09
rs74560213	A	T	0.09	0.01	7.5493E-09
rs6725763	C	G	0.54	0.09	7.5517E-09
rs114391905	T	C	0.11	0.01	7.5536E-09
rs142618173	T	G	0.18	0.03	7.5566E-09
rs76129871	A	G	0.02	0.0046433	7.5603E-09
rs756846877	G	A	0.01	0.003455	7.5648E-09
rs527789922	T	C	0.02	0.0037488	7.5682E-09
rs114818618	T	G	0.05	0.0097749	7.5717E-09
rs80269412	A	T	0.06	0.01	7.5724E-09
rs116347626	G	C	0.04	0.0079475	7.5732E-09
rs114176313	T	C	0.07	0.01	7.5732E-09
rs115940510	G	T	0.12	0.02	7.5754E-09
rs545015357	A	T	0.14	0.02	7.5771E-09
rs150756423	G	A	0.1	0.01	7.5839E-09
rs139903388	C	T	0.36	0.06	7.5881E-09
rs79791642	C	T	0.11	0.01	7.5952E-09
rs75327047	T	C	0.11	0.01	7.5957E-09
rs77380750	C	T	0.04	0.0079113	7.6018E-09
rs140100207	C	G	0.1	0.01	7.6027E-09
rs10205177	A	G	0.17	0.03	7.6035E-09
rs755711332	A	G	0.02	0.0042626	7.6083E-09
rs151338539	T	C	0.03	0.0066032	7.61E-09
rs17000649	T	C	0.01	0.0032194	7.611E-09
rs765445113	C	G	0.03	0.0060877	7.6185E-09
rs114298147	T	C	0.1	0.01	7.6201E-09
rs145270349	T	C	0.05	0.0092525	7.6215E-09
rs76429137	C	T	0.1	0.01	7.6265E-09
rs114018427	C	A	0.1	0.01	7.6283E-09
rs7851566	G	A	0.11	0.01	7.6315E-09
rs74468347	A	G	0.11	0.01	7.6337E-09
rs17056238	G	A	0.1	0.01	7.6374E-09
rs78807491	C	G	0.22	0.03	7.6425E-09
rs10068694	G	A	0.1	0.01	7.6477E-09
rs10038103	T	C	0.1	0.01	7.6477E-09
rs138212494	T	C	0.1	0.01	7.6495E-09
rs140938699	A	G	0.2	0.03	7.6516E-09
rs114285784	T	C	2.29	0.39	7.6538E-09
rs140367054	T	A	0.1	0.01	7.6543E-09
rs146473975	T	C	0.1	0.01	7.6543E-09
rs149419935	T	C	0.1	0.01	7.6543E-09
rs139229183	A	G	0.06	0.01	7.6578E-09
rs72949075	C	T	0.03	0.0066638	7.658E-09
rs143288817	A	G	0.11	0.02	7.6613E-09
rs115515932	G	C	0.11	0.01	7.6623E-09
rs115472933	C	T	0.05	0.009788	7.6642E-09
rs558159378	C	G	0.11	0.01	7.6695E-09
rs74927582	A	G	0.12	0.02	7.6797E-09
rs182394859	T	C	0.72	0.12	7.6823E-09

rs183727427	A	G	0.1	0.01	7.6855E-09
rs567887670	G	T	0.1	0.01	7.6885E-09
rs74791674	A	C	0.04	0.0082408	7.6896E-09
rs140596070	G	A	0.69	0.12	7.7003E-09
rs183514559	A	G	0.08	0.01	7.7025E-09
rs115750961	A	C	0.03	0.0066019	7.7044E-09
rs760999571	C	A	0.04	0.0080582	7.7085E-09
rs114072959	G	A	0.2	0.03	7.7104E-09
rs540107483	C	G	0.21	0.03	7.7111E-09
rs181491937	A	G	0.1	0.01	7.7122E-09
rs79051761	A	C	0.1	0.01	7.7129E-09
rs115858448	G	T	0.1	0.01	7.7133E-09
rs140575431	T	C	0.1	0.01	7.7265E-09
rs546840907	T	C	0.06	0.01	7.7279E-09
rs148261889	C	A	0.1	0.01	7.7322E-09
rs148976643	A	G	0.1	0.01	7.7328E-09
rs144881099	T	A	0.1	0.01	7.7386E-09
rs148328352	A	T	0.1	0.01	7.7386E-09
rs78477143	C	T	0.1	0.01	7.7386E-09
rs187520591	A	G	0.11	0.01	7.7388E-09
rs76083808	C	G	0.1	0.01	7.7436E-09
rs143585136	A	G	0.11	0.01	7.7473E-09
rs181646607	G	T	0.11	0.01	7.7473E-09
rs111728606	T	C	0.04	0.0076933	7.748E-09
rs79337111	A	T	0.19	0.03	7.7503E-09
rs73414471	G	A	0.1	0.01	7.7515E-09
rs367618425	T	C	0.1	0.01	7.7539E-09
rs141502985	C	G	0.1	0.01	7.754E-09
rs769462760	C	G	0.05	0.0097794	7.7587E-09
rs17842080	C	T	0.1	0.01	7.7612E-09
rs73017005	G	A	0.1	0.01	7.7641E-09
rs150231617	T	C	0.54	0.09	7.7725E-09
rs114261969	G	A	0.54	0.09	7.7725E-09
rs114823681	C	T	0.03	0.0065849	7.7799E-09
rs545833310	T	C	0.11	0.01	7.7862E-09
rs116181913	C	T	0.1	0.01	7.7883E-09
rs75428865	G	A	0.1	0.01	7.7912E-09
rs546035484	C	T	0.19	0.03	7.7914E-09
rs188417241	A	G	0.11	0.01	7.8015E-09
rs60627788	C	G	0.06	0.01	7.8029E-09
rs114148975	C	T	0.04	0.0076807	7.8114E-09
rs748651107	G	T	0.02	0.0035215	7.8117E-09
rs772157484	G	A	0.02	0.0035215	7.8117E-09
rs778100748	C	T	0.01	0.0033816	7.8127E-09
rs111990598	T	C	0.03	0.0052646	7.8151E-09
rs575656624	C	T	0.07	0.01	7.8166E-09
rs187866262	C	T	0.1	0.01	7.8201E-09
rs181880973	A	G	0.1	0.01	7.8323E-09
rs111294377	A	T	0.1	0.01	7.833E-09
rs143054984	A	G	0.1	0.01	7.8331E-09
rs74128808	T	C	0.1	0.01	7.8345E-09
rs140027615	A	G	0.1	0.01	7.8357E-09
rs115740599	G	T	0.1	0.01	7.8381E-09
rs567499766	A	G	0.15	0.02	7.8385E-09
rs187923207	A	G	1.02	0.17	7.8394E-09
rs139840784	C	T	0.04	0.0072416	7.8587E-09
rs141054859	G	A	0.08	0.01	7.86E-09
rs184989116	T	G	0.11	0.02	7.863E-09
rs149807742	G	C	0.07	0.01	7.8685E-09
rs77910458	G	A	0.1	0.01	7.871E-09
rs146695684	T	A	0.1	0.01	7.8714E-09

rs78015533	G	A	0.11	0.02	7.8802E-09
6:81362933_C_A	A	C	0.03	0.0053213	7.8811E-09
rs111659815	C	T	0.11	0.01	7.8841E-09
rs183938912	C	T	0.1	0.01	7.8973E-09
rs116792875	A	G	0.16	0.02	7.8981E-09
rs79803614	G	A	0.11	0.01	7.8984E-09
rs11916907	T	C	0.1	0.01	7.8998E-09
rs77489362	C	T	0.32	0.05	7.9003E-09
rs567310890	A	G	0.11	0.02	7.9006E-09
rs77805524	A	C	0.1	0.01	7.9007E-09
rs115714262	A	G	0.1	0.01	7.9042E-09
rs115654244	A	T	0.11	0.01	7.9052E-09
rs547239770	A	T	0.24	0.04	7.9066E-09
rs76559208	G	T	0.19	0.03	7.9079E-09
rs73269450	A	G	0.06	0.01	7.908E-09
rs752860133	C	A	0.04	0.0072499	7.9122E-09
rs144842169	G	T	0.1	0.01	7.9186E-09
rs77581231	C	T	0.22	0.03	7.9248E-09
rs145329422	A	T	0.12	0.02	7.9261E-09
rs563454167	A	G	0.14	0.02	7.9368E-09
rs111854576	C	T	0.1	0.01	7.9408E-09
rs10213961	T	C	0.1	0.01	7.9414E-09
rs75949743	A	G	0.1	0.01	7.9422E-09
rs768802250	T	G	0.03	0.0057199	7.9495E-09
rs143147163	G	A	0.05	0.0096	7.9508E-09
rs548397247	T	C	0.11	0.01	7.951E-09
rs149249501	G	T	0.1	0.01	7.9534E-09
rs532900649	T	C	0.05	0.0089993	7.9567E-09
rs115919885	C	T	0.1	0.01	7.9644E-09
rs79369597	C	G	0.18	0.03	7.9655E-09
rs184069270	C	T	0.16	0.02	7.9675E-09
rs74611841	A	G	0.04	0.0076782	7.9678E-09
rs141356542	C	T	0.12	0.02	7.9715E-09
rs149048724	C	T	0.11	0.01	7.9716E-09
rs77120055	A	T	0.11	0.02	7.9825E-09
rs572061667	A	G	0.15	0.02	7.9863E-09
rs139054940	T	C	0.05	0.0096852	7.9865E-09
rs371105613	G	T	0.11	0.01	7.987E-09
rs73398524	C	T	0.1	0.01	7.9936E-09
rs115793546	G	T	0.13	0.02	7.9952E-09
rs142733169	C	G	0.1	0.01	8.001E-09
rs75263000	C	A	0.16	0.02	8.0029E-09
rs7068197	G	C	0.11	0.01	8.0041E-09
rs182889562	G	C	0.12	0.02	8.0048E-09
rs6998275	G	A	0.04	0.0076849	8.0064E-09
rs533990611	T	C	0.06	0.01	8.0073E-09
rs116223850	T	G	0.04	0.0076774	8.0087E-09
rs144554513	G	C	0.17	0.03	8.0113E-09
rs77351114	T	C	0.1	0.01	8.0113E-09
rs539904528	A	G	0.1	0.01	8.0152E-09
rs530820877	A	T	0.02	0.0036897	8.0223E-09
rs188876407	A	C	0.1	0.01	8.0258E-09
rs73104869	G	A	0.05	0.0095869	8.0269E-09
rs111881568	T	A	0.12	0.02	8.0296E-09
rs114127843	G	T	0.14	0.02	8.0308E-09
rs369199261	C	G	0.03	0.006586	8.031E-09
rs113143002	C	T	0.09	0.01	8.0327E-09
8:122616471_C_T	T	C	0.03	0.0058686	8.035E-09
rs138217078	C	A	3.5	0.6	8.0354E-09
rs549033365	C	T	0.54	0.09	8.043E-09
rs549419969	T	C	0.54	0.09	8.043E-09

rs564775795	C	T	0.11	0.01	8.0446E-09
rs557644445	T	C	0.11	0.01	8.0453E-09
rs555051314	C	T	0.11	0.02	8.0457E-09
rs149998073	A	G	0.2	0.03	8.0474E-09
rs527802024	T	A	0.2	0.03	8.0476E-09
rs566633670	C	T	0.14	0.02	8.0559E-09
rs10115280	C	A	0.15	0.02	8.0585E-09
rs115922009	A	T	0.1	0.01	8.0618E-09
rs777160765	T	C	0.03	0.0058344	8.0642E-09
rs191398814	T	C	0.05	0.0096772	8.0659E-09
rs146779304	A	G	0.14	0.02	8.0682E-09
rs568891335	G	C	0.03	0.0067215	8.0694E-09
rs111743742	A	G	0.05	0.009704	8.073E-09
rs115679486	C	T	0.05	0.0096408	8.0747E-09
rs142928130	C	G	0.05	0.0089425	8.0764E-09
rs557106161	A	T	0.03	0.0060119	8.0773E-09
rs78805212	T	C	0.29	0.05	8.0791E-09
rs79299743	C	G	0.1	0.01	8.0816E-09
rs141680246	T	C	0.11	0.01	8.0849E-09
rs116203408	T	C	0.08	0.01	8.086E-09
rs150417979	C	T	0.1	0.01	8.0875E-09
rs572820488	C	T	0.1	0.01	8.0897E-09
rs74547614	C	G	0.11	0.01	8.0898E-09
rs572015401	A	G	0.08	0.01	8.0911E-09
rs141805942	A	G	0.17	0.03	8.095E-09
rs143019102	T	C	0.05	0.0096924	8.0954E-09
rs368104339	G	A	0.05	0.0095861	8.0967E-09
rs534041001	A	G	0.1	0.01	8.0978E-09
rs183037334	A	G	0.09	0.01	8.102E-09
rs10180511	A	G	0.1	0.01	8.1029E-09
rs148944005	T	C	0.07	0.01	8.1031E-09
rs562748802	A	T	0.1	0.01	8.107E-09
rs73476079	T	C	0.05	0.01	8.1098E-09
rs149262504	A	G	0.11	0.01	8.1241E-09
rs75686770	C	A	0.17	0.02	8.1284E-09
rs374032608	A	G	0.05	0.0096577	8.1305E-09
rs76401348	T	A	0.19	0.03	8.1325E-09
rs143870503	A	C	0.05	0.008941	8.1343E-09
rs143093649	G	T	0.11	0.01	8.1365E-09
rs528290862	T	C	0.17	0.02	8.1396E-09
rs114117238	C	T	0.1	0.01	8.1408E-09
rs61695531	T	C	0.03	0.0065789	8.143E-09
rs73712522	T	C	0.1	0.01	8.1437E-09
rs114542719	G	A	0.11	0.01	8.1475E-09
rs143289263	C	T	0.11	0.01	8.1493E-09
rs542937832	A	T	0.03	0.0059214	8.1571E-09
rs111695101	A	G	0.11	0.01	8.1582E-09
rs145965544	A	G	0.11	0.01	8.1586E-09
rs554260454	A	T	0.1	0.01	8.1588E-09
rs58364444	T	C	0.03	0.0064628	8.1601E-09
rs145378678	G	A	0.11	0.02	8.1627E-09
rs537826744	A	G	0.11	0.01	8.1678E-09
rs79419806	T	C	0.1	0.01	8.1699E-09
rs28463706	A	C	0.02	0.0050658	8.1702E-09
rs553607255	A	T	0.04	0.007686	8.176E-09
rs57833103	T	G	0.07	0.01	8.1808E-09
rs116731206	T	C	0.05	0.0097709	8.1833E-09
rs140994878	A	G	0.11	0.01	8.1857E-09
rs548114560	G	A	0.77	0.13	8.196E-09
rs10193926	T	C	0.21	0.03	8.1985E-09
rs375751479	G	A	0.1	0.01	8.2031E-09

rs112996196	T	C	0.06	0.01	8.2032E-09
rs114112823	C	T	0.05	0.01	8.2168E-09
rs79123604	T	C	0.11	0.01	8.22E-09
rs73693237	C	T	0.1	0.01	8.2207E-09
rs76704843	A	G	0.11	0.01	8.2226E-09
rs77897895	C	T	0.11	0.01	8.2235E-09
rs138781161	G	A	0.11	0.02	8.2247E-09
rs141335473	A	C	0.19	0.03	8.2295E-09
rs149620799	A	C	0.03	0.0064038	8.233E-09
rs111289017	T	C	0.13	0.02	8.2379E-09
rs77449797	A	T	0.03	0.0065881	8.2408E-09
rs77646384	A	C	0.1	0.01	8.2475E-09
rs141895167	G	A	0.11	0.01	8.2484E-09
rs115176000	T	C	0.1	0.01	8.2527E-09
rs73273447	A	C	0.06	0.01	8.255E-09
rs116573984	T	G	0.13	0.02	8.2551E-09
rs373234848	A	G	0.07	0.01	8.2568E-09
rs149629190	T	C	0.11	0.01	8.258E-09
rs190559354	C	T	0.1	0.01	8.2584E-09
rs73011320	A	T	0.1	0.01	8.2597E-09
rs78975699	A	G	0.12	0.02	8.262E-09
rs76044563	C	T	0.05	0.0095843	8.2628E-09
rs555971616	C	T	0.01	0.0022955	8.2647E-09
rs77504735	T	G	0.05	0.0095845	8.2658E-09
rs113715261	G	A	0.1	0.01	8.2671E-09
rs143468690	G	A	0.11	0.02	8.2677E-09
rs114963208	T	C	0.54	0.09	8.2679E-09
rs528111982	G	A	0.54	0.09	8.2679E-09
rs139142882	G	A	0.54	0.09	8.2679E-09
rs79931607	G	C	0.11	0.02	8.2683E-09
rs530318854	G	A	0.23	0.04	8.2798E-09
rs557325666	T	C	0.04	0.007062	8.2825E-09
rs147360682	C	T	0.11	0.02	8.2838E-09
rs186754497	T	A	0.05	0.0094832	8.2863E-09
rs116214704	A	G	0.05	0.0099205	8.2914E-09
rs148215799	T	C	0.11	0.01	8.298E-09
rs139520437	G	T	0.1	0.01	8.299E-09
rs77447925	C	T	0.11	0.01	8.3021E-09
rs367681533	T	G	0.05	0.0095896	8.3082E-09
rs9824117	A	C	0.02	0.0050646	8.3086E-09
rs143263111	T	C	0.05	0.0096914	8.3094E-09
rs373507294	A	C	0.05	0.0095895	8.3141E-09
rs550164645	G	A	0.1	0.01	8.3248E-09
rs577834477	A	G	0.05	0.0094817	8.3263E-09
rs72930906	C	A	0.1	0.01	8.3277E-09
rs549978934	C	T	0.12	0.02	8.3299E-09
rs371529403	A	T	0.26	0.04	8.3332E-09
rs184260662	C	T	0.22	0.03	8.3332E-09
rs116800395	A	C	0.04	0.0079514	8.3357E-09
rs77237316	A	G	0.1	0.01	8.3414E-09
rs56695047	G	T	0.07	0.01	8.3439E-09
rs151028020	A	G	0.13	0.02	8.3441E-09
rs115833864	C	A	0.1	0.01	8.345E-09
rs528708530	G	C	0.02	0.0043115	8.3492E-09
rs557935901	G	A	0.1	0.01	8.3502E-09
rs149518000	G	A	0.1	0.01	8.352E-09
rs192843588	A	G	0.06	0.01	8.3571E-09
rs543073422	T	C	0.02	0.0036942	8.3606E-09
rs139529713	A	C	0.1	0.01	8.362E-09
rs75351084	C	T	0.1	0.01	8.3625E-09
rs149034943	C	A	0.11	0.02	8.364E-09

rs192783776	A	T	0.05	0.0089833	8.3675E-09
rs60245866	T	A	0.1	0.01	8.3681E-09
rs182346795	G	A	0.21	0.03	8.3744E-09
rs141684130	G	C	0.05	0.0089359	8.3757E-09
rs138300041	C	T	0.1	0.01	8.3801E-09
rs7590009	A	G	0.16	0.02	8.3823E-09
rs78942448	A	T	0.11	0.01	8.3863E-09
rs184488330	A	G	0.08	0.01	8.3873E-09
rs146718573	C	T	0.13	0.02	8.3963E-09
rs115012810	G	A	0.16	0.02	8.401E-09
rs372677428	G	A	0.1	0.01	8.407E-09
rs76688558	C	G	0.1	0.01	8.4073E-09
rs111863438	A	C	0.1	0.01	8.4097E-09
rs115165000	G	A	0.11	0.01	8.4145E-09
rs553922055	G	A	0.11	0.02	8.4159E-09
rs566977171	A	G	0.1	0.01	8.4259E-09
rs113609644	C	G	0.1	0.01	8.4337E-09
rs79669219	T	C	0.07	0.01	8.4351E-09
rs531068804	G	A	0.1	0.01	8.44E-09
rs74900715	T	G	0.15	0.02	8.4444E-09
rs139964713	A	G	0.05	0.009687	8.4483E-09
rs142178885	A	T	0.12	0.02	8.4511E-09
rs552772674	G	A	0.1	0.01	8.4511E-09
rs542664108	G	C	0.03	0.0052676	8.4555E-09
rs186134671	C	G	0.1	0.01	8.4564E-09
rs74952202	T	C	0.1	0.01	8.4623E-09
rs79462632	T	C	0.03	0.0068147	8.4634E-09
rs565865921	T	G	0.04	0.0069908	8.4655E-09
rs73881525	A	G	0.13	0.02	8.4691E-09
rs369022474	C	G	0.11	0.01	8.4701E-09
rs75798575	C	T	0.54	0.09	8.4795E-09
rs138100213	A	G	0.81	0.14	8.4865E-09
rs151110550	A	C	0.11	0.01	8.4886E-09
rs146550225	T	C	0.11	0.01	8.4898E-09
rs145534542	A	G	0.1	0.01	8.4976E-09
rs78781378	G	A	0.11	0.02	8.4987E-09
rs73764668	C	T	0.06	0.01	8.5059E-09
rs59746415	A	T	0.06	0.01	8.5059E-09
rs140379478	A	G	0.11	0.02	8.5064E-09
rs151113918	C	G	0.11	0.01	8.5115E-09
rs140651338	G	A	0.1	0.01	8.5134E-09
rs16828636	T	C	0.1	0.01	8.5179E-09
rs563298318	T	C	0.1	0.01	8.5183E-09
rs142020303	C	T	7.05	1.22	8.5184E-09
rs573949634	A	G	0.11	0.01	8.5244E-09
rs144005965	G	C	0.1	0.01	8.5268E-09
rs145660547	T	C	0.11	0.01	8.5379E-09
rs79079579	C	A	0.28	0.04	8.5417E-09
rs374148890	A	G	0.1	0.01	8.5452E-09
rs142621526	G	A	0.1	0.01	8.5498E-09
rs80117086	C	A	0.14	0.02	8.5562E-09
rs141160642	A	G	0.12	0.02	8.5616E-09
rs377056565	A	G	0.05	0.0095923	8.5626E-09
rs148226774	T	C	0.11	0.02	8.5629E-09
rs10023504	A	G	0.59	0.1	8.5632E-09
rs150544843	A	G	0.54	0.09	8.5656E-09
rs115311156	G	A	0.1	0.01	8.5674E-09
rs80348860	A	G	0.1	0.01	8.5702E-09
rs59715424	A	C	0.09	0.01	8.5778E-09
rs72945520	G	A	0.09	0.01	8.5778E-09
rs77308996	A	G	0.1	0.01	8.5792E-09

rs75653276	C	T	0.1	0.01	8.5804E-09
rs139681010	A	C	0.11	0.01	8.5818E-09
rs16860214	A	C	0.1	0.01	8.5863E-09
rs151071689	G	A	0.1	0.01	8.5889E-09
rs115216549	T	C	0.1	0.01	8.5902E-09
rs557030865	A	G	0.11	0.02	8.5972E-09
rs6990110	G	C	0.1	0.01	8.5992E-09
rs373463549	A	G	0.05	0.009587	8.5997E-09
rs566096961	G	T	0.11	0.01	8.6009E-09
rs377039784	A	C	0.16	0.02	8.6021E-09
rs58297031	C	T	2.2	0.38	8.6027E-09
rs10111405	G	T	0.05	0.01	8.6041E-09
rs192132310	T	G	0.55	0.09	8.6133E-09
rs142507802	C	T	0.1	0.01	8.6137E-09
rs556122947	T	C	0.12	0.02	8.6177E-09
rs559536498	A	T	0.1	0.01	8.6189E-09
rs116582005	T	C	0.11	0.02	8.6285E-09
rs575398984	T	C	0.14	0.02	8.6302E-09
rs115148282	C	T	0.07	0.01	8.6349E-09
rs17077245	G	A	0.1	0.01	8.6352E-09
rs10924904	A	G	0.22	0.03	8.6412E-09
rs558252331	A	C	0.11	0.02	8.6435E-09
rs148474816	G	C	0.15	0.02	8.6456E-09
rs112028280	A	G	0.14	0.02	8.6464E-09
rs190716442	A	T	0.2	0.03	8.6494E-09
rs73273457	T	C	0.06	0.01	8.6556E-09
1:244949814_C_T	T	C	0.05	0.01	8.6568E-09
rs527674314	T	G	0.2	0.03	8.665E-09
rs150999520	A	G	0.1	0.01	8.6663E-09
rs189676436	G	T	0.1	0.01	8.6687E-09
rs144407388	T	C	0.1	0.01	8.6696E-09
rs73647412	A	G	0.1	0.01	8.6713E-09
rs113774530	C	T	0.1	0.01	8.6737E-09
rs574817119	A	G	0.1	0.01	8.6764E-09
rs545644720	C	T	0.11	0.01	8.6812E-09
rs115673028	A	G	0.1	0.01	8.6869E-09
rs192161146	T	C	0.06	0.01	8.6931E-09
rs72947067	T	C	0.03	0.0066115	8.6946E-09
rs58114383	T	C	0.05	0.01	8.699E-09
rs149893956	C	T	0.06	0.01	8.7011E-09
rs78100883	T	C	0.12	0.02	8.7018E-09
rs532820543	C	A	0.33	0.05	8.7027E-09
rs146592877	G	T	0.1	0.01	8.7049E-09
rs116823695	T	C	0.11	0.02	8.7116E-09
rs111607808	A	T	0.11	0.01	8.712E-09
rs545482951	T	C	0.07	0.01	8.7141E-09
rs576254029	A	G	0.06	0.01	8.7166E-09
rs111933866	C	T	0.04	0.0072605	8.7178E-09
rs76245703	C	T	0.3	0.05	8.7185E-09
rs565254371	C	T	0.2	0.03	8.7199E-09
rs72947055	C	T	0.03	0.006611	8.7208E-09
rs76539671	C	T	0.05	0.0095777	8.7265E-09
rs545939247	A	C	1.3	0.22	8.7284E-09
rs10956751	A	G	0.02	0.0052137	8.729E-09
rs142077692	T	C	0.1	0.01	8.7302E-09
rs147607130	C	T	0.12	0.02	8.7304E-09
rs9474859	T	G	0.04	0.0072938	8.735E-09
rs74791559	T	C	0.3	0.05	8.7392E-09
rs138342272	C	T	0.13	0.02	8.7441E-09
rs147199820	C	T	0.11	0.02	8.749E-09
rs151202786	C	G	0.1	0.01	8.755E-09

rs149999697	G	A	0.09	0.01	8.7566E-09
rs76865737	C	T	0.1	0.01	8.7704E-09
rs115953286	T	A	0.1	0.01	8.7726E-09
rs141205426	T	G	0.1	0.01	8.7742E-09
rs149473329	C	G	0.14	0.02	8.7771E-09
rs182642939	T	C	0.1	0.01	8.7772E-09
rs192208994	T	C	0.03	0.0053485	8.7796E-09
rs73643259	A	T	0.04	0.0086397	8.7827E-09
rs148675700	C	A	0.1	0.01	8.7888E-09
rs772847779	A	G	0.04	0.0070086	8.7909E-09
rs78691759	T	C	0.11	0.01	8.7967E-09
rs116329710	A	G	0.07	0.01	8.8095E-09
rs560986926	A	G	0.17	0.03	8.8187E-09
rs61240304	G	A	0.04	0.0074504	8.8201E-09
rs114438544	C	T	0.16	0.02	8.8256E-09
rs78581849	A	C	0.05	0.009079	8.8286E-09
rs193102079	A	C	0.15	0.02	8.8299E-09
rs144409492	C	T	0.1	0.01	8.8324E-09
rs145863446	G	C	0.1	0.01	8.8359E-09
rs182387877	T	C	0.1	0.01	8.8359E-09
rs190957112	G	C	0.1	0.01	8.8359E-09
rs543096900	T	G	0.1	0.01	8.8375E-09
rs558847222	A	C	0.1	0.01	8.8388E-09
rs142705183	T	C	0.1	0.01	8.8427E-09
rs183726665	C	G	0.11	0.01	8.8428E-09
rs111695751	T	A	0.1	0.01	8.8436E-09
rs78196172	G	C	0.07	0.01	8.8509E-09
rs188526329	C	T	0.16	0.02	8.8527E-09
rs114160627	C	T	0.11	0.01	8.8574E-09
rs572181595	T	C	0.12	0.02	8.8575E-09
rs116249911	C	T	0.1	0.01	8.8579E-09
rs116464841	C	G	0.1	0.01	8.8585E-09
rs564444517	G	A	0.34	0.05	8.8591E-09
rs77534220	C	T	0.1	0.01	8.8633E-09
rs116746239	A	G	0.1	0.01	8.8645E-09
rs147359710	T	C	0.12	0.02	8.8649E-09
rs115153757	G	C	0.1	0.01	8.8651E-09
3:39402577_A_G	G	A	0.04	0.0079315	8.8682E-09
rs180768526	C	T	0.11	0.01	8.8689E-09
rs782105429	G	C	0.03	0.0059073	8.8788E-09
rs116516153	T	C	0.02	0.0041037	8.881E-09
rs140322188	A	G	0.1	0.01	8.8859E-09
rs574445163	G	C	0.11	0.02	8.886E-09
rs73331175	C	T	0.05	0.0098709	8.8863E-09
rs78999740	C	T	0.1	0.01	8.8886E-09
rs116336726	A	G	0.1	0.01	8.8938E-09
rs189297093	T	C	0.18	0.03	8.9012E-09
rs76013408	G	A	0.17	0.02	8.9158E-09
rs752078080	G	A	0.01	0.0033655	8.9221E-09
rs545141907	C	T	0.17	0.03	8.9228E-09
rs186600689	G	C	0.1	0.01	8.9272E-09
rs145551411	A	G	0.1	0.01	8.9324E-09
rs6870120	C	G	0.03	0.0065751	8.933E-09
rs77386180	A	G	0.11	0.02	8.9352E-09
2:131006122_C_T	T	C	0.1	0.01	8.943E-09
rs186320927	T	A	0.11	0.01	8.954E-09
rs143085724	C	T	0.11	0.02	8.9549E-09
rs75649833	G	C	0.11	0.01	8.9581E-09
rs75859292	G	C	0.11	0.02	8.9582E-09
rs568965917	T	C	0.09	0.01	8.9701E-09
rs563887826	A	G	0.1	0.01	8.9728E-09



rs79483720	T	C	0.1	0.01	8.9741E-09
rs190646137	T	C	0.05	0.0099735	8.9755E-09
rs115774393	G	A	0.1	0.01	8.9765E-09
rs190328615	A	G	0.04	0.0084465	8.9767E-09
rs114029703	A	G	0.1	0.01	8.9836E-09
rs114598768	C	T	0.12	0.02	8.9843E-09
rs529461145	A	G	0.06	0.01	8.9885E-09
rs78685963	A	G	0.1	0.01	8.9954E-09
rs376588420	T	A	0.1	0.01	9.0002E-09
rs189779446	A	C	0.08	0.01	9.0014E-09
rs140736356	G	A	0.1	0.01	9.0056E-09
rs116111218	C	T	0.1	0.01	9.0071E-09
rs17077230	T	C	0.1	0.01	9.0071E-09
rs181530990	A	G	0.1	0.01	9.0085E-09
rs187813569	G	C	0.13	0.02	9.0094E-09
rs115620437	T	C	0.05	0.0097288	9.0111E-09
rs151065858	G	A	0.05	0.008927	9.0151E-09
2:210764123_A_G	G	A	0.03	0.0065175	9.0169E-09
rs116566841	C	T	0.1	0.01	9.0195E-09
rs116489386	T	C	0.1	0.01	9.0195E-09
rs3026832	C	T	0.11	0.01	9.0278E-09
rs569760171	C	G	0.11	0.01	9.0319E-09
rs147049424	G	A	0.21	0.03	9.0439E-09
rs116807301	T	C	0.03	0.0065479	9.0446E-09
rs116401574	G	A	0.1	0.01	9.0484E-09
rs115434616	T	C	0.06	0.01	9.0494E-09
rs80326651	T	C	0.04	0.0069927	9.0498E-09
rs200232804	G	A	0.1	0.01	9.0532E-09
rs116303745	G	C	0.1	0.01	9.0565E-09
rs73671407	A	C	0.06	0.01	9.0582E-09
rs139919105	A	G	0.13	0.02	9.0583E-09
rs143194932	A	G	0.1	0.01	9.0597E-09
rs141381669	G	A	0.1	0.01	9.0636E-09
rs147082110	A	G	0.12	0.02	9.065E-09
rs77660945	C	T	0.1	0.01	9.067E-09
rs75051105	G	C	0.04	0.0080768	9.0682E-09
rs759073122	A	C	0.05	0.0091707	9.071E-09
rs777416763	T	C	0.03	0.0054385	9.0734E-09
rs113083928	A	G	0.54	0.09	9.0766E-09
rs115251953	T	C	0.08	0.01	9.0778E-09
rs370443933	C	G	0.1	0.01	9.0779E-09
rs142242073	C	G	0.1	0.01	9.0874E-09
rs147667853	T	C	0.24	0.04	9.1015E-09
rs138104365	A	G	0.1	0.01	9.1021E-09
rs566664392	T	C	0.03	0.0061807	9.1035E-09
rs80103165	G	C	0.1	0.01	9.1088E-09
rs771215539	G	A	0.05	0.0093014	9.1166E-09
rs115404169	C	T	0.1	0.01	9.1191E-09
rs78182019	A	G	0.17	0.03	9.12E-09
rs79129697	C	G	0.11	0.02	9.1235E-09
rs571502863	G	A	0.12	0.02	9.1245E-09
rs111968548	C	T	0.05	0.0096702	9.1258E-09
rs56308797	T	C	0.06	0.01	9.1305E-09
rs76376373	A	C	0.1	0.01	9.1314E-09
rs76790173	C	G	0.1	0.01	9.1314E-09
rs140280899	G	A	0.14	0.02	9.1327E-09
rs143652840	A	C	0.1	0.01	9.1338E-09
rs548464016	A	C	0.1	0.01	9.1399E-09
rs138458453	T	C	0.05	0.0089294	9.1403E-09
rs149166654	C	G	0.1	0.01	9.1505E-09
rs145353208	G	A	0.1	0.01	9.1561E-09

rs114779434	C	T	0.04	0.0084688	9.1635E-09
rs145833735	G	T	0.19	0.03	9.1636E-09
rs141314112	G	C	0.1	0.01	9.1675E-09
rs138314353	G	C	0.1	0.01	9.1698E-09
rs74933814	T	C	0.09	0.01	9.1737E-09
rs547629863	A	G	0.02	0.0049869	9.1746E-09
rs73764674	C	T	0.06	0.01	9.1747E-09
rs61361093	G	A	0.06	0.01	9.1763E-09
rs115145993	T	C	0.1	0.01	9.1811E-09
rs150961963	T	G	0.1	0.01	9.1875E-09
rs748041232	A	G	0.03	0.0060491	9.1888E-09
rs145655029	C	T	0.1	0.01	9.1895E-09
rs150216341	G	A	0.1	0.01	9.1907E-09
rs138604019	T	A	0.11	0.01	9.194E-09
rs142538721	T	C	0.32	0.05	9.198E-09
rs538738523	A	C	0.03	0.0052904	9.1982E-09
rs762919918	A	G	0.01	0.0017562	9.201E-09
rs567541118	A	G	0.27	0.04	9.2094E-09
rs548872058	A	T	0.1	0.01	9.2104E-09
rs567183616	T	A	0.1	0.01	9.2104E-09
rs12267386	G	C	0.07	0.01	9.2122E-09
rs73764671	G	C	0.06	0.01	9.2129E-09
rs182157773	C	T	0.1	0.01	9.2213E-09
rs17150442	G	A	0.06	0.01	9.2257E-09
rs188798153	G	A	0.06	0.01	9.2286E-09
rs142856189	A	G	0.11	0.01	9.2305E-09
rs565268782	T	C	0.05	0.0089014	9.2484E-09
rs144771189	G	C	0.11	0.02	9.2489E-09
rs75746880	C	T	0.05	0.0097126	9.2572E-09
rs142755262	C	T	0.1	0.01	9.2579E-09
rs115981605	C	G	0.11	0.01	9.2582E-09
rs74850284	C	T	0.05	0.0095655	9.2584E-09
rs57484258	C	T	0.1	0.01	9.2585E-09
rs74791791	C	G	0.07	0.01	9.2645E-09
rs117059347	A	G	0.12	0.02	9.2647E-09
rs144682227	G	A	0.19	0.03	9.2666E-09
rs138322390	G	A	0.15	0.02	9.2677E-09
rs145562743	T	C	0.05	0.0096469	9.2756E-09
rs75163643	G	A	0.03	0.0065442	9.2758E-09
rs28701802	T	A	0.1	0.01	9.2758E-09
rs149783884	T	C	0.1	0.01	9.2785E-09
rs548428148	G	A	0.11	0.02	9.2793E-09
rs187337493	C	A	0.11	0.01	9.2833E-09
rs137973047	A	G	0.64	0.11	9.2856E-09
rs77889207	G	C	0.05	0.0099026	9.2865E-09
rs76456506	C	T	0.11	0.02	9.2877E-09
rs144603782	C	A	0.14	0.02	9.2959E-09
rs142778016	T	C	0.1	0.01	9.3016E-09
rs572177305	C	G	0.06	0.01	9.3045E-09
rs375172303	T	C	0.1	0.01	9.3235E-09
rs73726313	A	G	0.05	0.0097362	9.3293E-09
rs147512883	G	C	0.31	0.05	9.331E-09
rs61663468	T	C	0.03	0.0063993	9.3315E-09
rs115869472	C	T	0.1	0.01	9.3336E-09
rs559805823	A	G	0.02	0.0041622	9.3345E-09
rs144583239	G	A	0.1	0.01	9.3386E-09
rs150216218	T	G	0.06	0.01	9.3391E-09
rs75113469	C	T	0.1	0.01	9.3428E-09
rs192863218	A	G	0.1	0.01	9.3447E-09
rs28959471	A	C	0.08	0.01	9.3458E-09
rs116634491	A	T	0.02	0.0050831	9.346E-09

rs537189205	C	T	0.19	0.03	9.3479E-09
rs74584132	G	A	0.1	0.01	9.3536E-09
rs115438728	T	C	0.03	0.0065745	9.366E-09
rs149722358	C	T	0.1	0.01	9.3819E-09
rs113804323	T	C	0.1	0.01	9.3833E-09
rs73037020	G	A	0.06	0.01	9.3891E-09
rs138938252	C	T	0.16	0.02	9.3914E-09
rs79998330	C	T	0.09	0.01	9.3941E-09
rs192881421	T	C	0.12	0.02	9.4007E-09
rs116122391	A	G	0.1	0.01	9.4051E-09
rs116395158	T	C	0.12	0.02	9.4097E-09
rs73752117	T	C	0.13	0.02	9.4222E-09
rs141691918	T	G	0.05	0.0096263	9.4226E-09
rs144487020	G	A	0.1	0.01	9.4264E-09
rs186099439	C	T	0.88	0.15	9.4303E-09
rs114639028	C	T	0.11	0.02	9.4405E-09
rs78013154	G	A	0.03	0.0065641	9.4412E-09
rs533099002	C	T	0.21	0.03	9.4513E-09
rs192795979	C	G	0.13	0.02	9.4517E-09
rs188170728	G	A	0.02	0.0042115	9.4538E-09
rs55651609	A	G	0.24	0.04	9.4555E-09
rs145940614	G	A	0.05	0.0097166	9.458E-09
rs141464541	G	C	0.1	0.01	9.4589E-09
rs181109447	C	A	0.05	0.0096276	9.4611E-09
rs567731869	G	A	0.1	0.01	9.4761E-09
rs138455022	G	C	0.05	0.0091996	9.4786E-09
rs74632843	T	A	0.11	0.01	9.4823E-09
rs79773694	A	G	0.1	0.01	9.4843E-09
rs782715470	T	C	0.05	0.0090773	9.488E-09
rs73889961	G	A	0.03	0.0064236	9.4924E-09
rs191953472	C	A	0.02	0.004672	9.4949E-09
rs73764673	A	T	0.06	0.01	9.4967E-09
rs115924289	A	G	0.06	0.01	9.5005E-09
rs528408695	C	T	0.12	0.02	9.5012E-09
rs146518063	G	A	0.1	0.01	9.5175E-09
rs57164486	A	G	0.03	0.0064333	9.5176E-09
rs770368529	T	C	0.08	0.01	9.518E-09
rs187061975	A	C	0.13	0.02	9.5267E-09
rs148760161	C	T	0.72	0.12	9.5277E-09
rs80069893	T	G	0.02	0.0047868	9.5287E-09
rs77467842	G	A	0.05	0.0099947	9.5344E-09
rs77223522	G	A	0.1	0.01	9.5346E-09
rs12464333	T	C	0.09	0.01	9.5355E-09
rs185678248	A	G	0.12	0.02	9.5359E-09
rs144958023	T	G	0.1	0.01	9.5364E-09
rs187479345	C	T	0.04	0.0074542	9.54E-09
rs143990583	T	A	0.07	0.01	9.5422E-09
rs557550220	T	C	0.14	0.02	9.5462E-09
rs116391543	G	A	0.1	0.01	9.5473E-09
rs143511250	A	G	0.05	0.0098192	9.5516E-09
rs560329041	C	G	0.1	0.01	9.5539E-09
rs537166916	C	T	0.04	0.007773	9.5562E-09
rs573459749	G	C	0.1	0.01	9.5585E-09
rs113648927	A	G	0.05	0.0096572	9.5627E-09
rs544242356	T	G	0.1	0.01	9.5669E-09
rs116247832	A	C	0.09	0.01	9.5676E-09
rs115261869	C	T	0.29	0.05	9.5712E-09
rs145552663	T	C	0.11	0.01	9.5736E-09
rs188684181	C	T	0.09	0.01	9.5765E-09
rs57049352	T	G	0.11	0.01	9.5781E-09
rs143814151	C	T	0.56	0.09	9.5792E-09

rs764435496	A	C	0.02	0.0049953	9.5798E-09
rs114538916	T	C	0.06	0.01	9.5863E-09
rs568967805	C	T	0.13	0.02	9.5887E-09
rs370366910	T	C	0.09	0.01	9.5964E-09
rs80235529	A	G	0.11	0.01	9.5996E-09
rs572522658	G	A	0.41	0.07	9.6007E-09
rs116045011	A	C	0.14	0.02	9.6123E-09
rs767703377	G	A	0.02	0.0051638	9.6198E-09
rs552795565	T	C	0.03	0.0068391	9.6221E-09
rs142444804	T	C	0.03	0.0068195	9.6232E-09
rs10060711	T	G	0.1	0.01	9.624E-09
rs147474466	T	A	0.1	0.01	9.6246E-09
rs545826747	T	C	0.11	0.02	9.6334E-09
rs780870039	T	C	0.02	0.0040761	9.6355E-09
rs563910856	G	A	0.41	0.07	9.6362E-09
rs181091987	T	C	0.11	0.01	9.6381E-09
rs142733392	T	C	0.1	0.01	9.6438E-09
rs191485167	C	G	0.4	0.07	9.6459E-09
rs114781731	G	A	0.1	0.01	9.6483E-09
rs76911235	G	A	0.1	0.01	9.6483E-09
rs57027127	A	T	0.09	0.01	9.6492E-09
rs114595373	C	T	0.1	0.01	9.6494E-09
rs533555586	C	G	0.1	0.01	9.6503E-09
rs185762257	T	C	0.11	0.01	9.6522E-09
rs73580663	T	C	0.05	0.01	9.6555E-09
rs376844253	A	G	0.56	0.09	9.6559E-09
rs75732677	T	C	0.1	0.01	9.6652E-09
rs143031686	A	G	0.02	0.0035209	9.6713E-09
rs141893600	G	A	0.05	0.0096686	9.6791E-09
rs58052581	T	C	0.05	0.0099687	9.6875E-09
rs80285317	T	C	0.1	0.01	9.688E-09
rs73742638	T	A	0.1	0.01	9.6906E-09
rs150312558	C	A	0.1	0.01	9.6918E-09
rs76394696	A	T	0.1	0.01	9.7117E-09
rs148518324	G	A	0.1	0.01	9.7156E-09
rs137866036	T	C	0.05	0.009773	9.7307E-09
rs59878693	G	A	0.05	0.01	9.731E-09
rs536760154	G	A	0.13	0.02	9.7314E-09
rs535193756	A	G	0.07	0.01	9.7376E-09
rs143889672	G	C	0.1	0.01	9.7387E-09
rs143759396	C	T	0.1	0.01	9.7516E-09
rs9850880	G	A	0.05	0.0097653	9.7545E-09
rs141521074	G	A	0.1	0.01	9.7584E-09
rs114268431	A	G	0.11	0.01	9.7611E-09
rs187185996	A	G	0.04	0.0075027	9.7687E-09
rs370710519	G	A	0.12	0.02	9.7719E-09
rs10111390	T	C	0.11	0.02	9.7761E-09
rs116542758	A	G	0.1	0.01	9.7766E-09
rs73671309	C	T	0.17	0.03	9.7786E-09
rs55754231	G	C	0.03	0.0064263	9.7799E-09
rs139132172	A	T	0.1	0.01	9.783E-09
rs76642537	C	T	0.06	0.01	9.7843E-09
rs114462361	T	C	0.1	0.01	9.7861E-09
rs9865152	A	C	0.03	0.0067417	9.7897E-09
rs151277714	T	C	0.1	0.01	9.7919E-09
rs77893641	C	T	0.1	0.01	9.797E-09
rs149386969	T	A	0.1	0.01	9.8088E-09
rs140715344	T	C	0.1	0.01	9.8204E-09
rs574288841	A	G	0.14	0.02	9.8326E-09
rs139035452	G	A	0.1	0.01	9.8375E-09
rs73889963	T	G	0.03	0.0063606	9.838E-09

rs80282647	A	C	0.04	0.0073416	9.8464E-09
rs78892315	T	C	0.02	0.0051578	9.8549E-09
rs148730860	A	G	0.14	0.02	9.8595E-09
rs144479732	A	C	0.1	0.01	9.8665E-09
rs73605973	T	C	0.1	0.01	9.8669E-09
rs192161203	A	G	0.11	0.01	9.867E-09
rs138383097	G	T	0.03	0.0064449	9.889E-09
rs184670042	T	G	1.74	0.3	9.8895E-09
rs541468275	C	G	0.1	0.01	9.8944E-09
rs142627158	T	C	0.1	0.01	9.8992E-09
rs192431393	C	A	0.1	0.01	9.8995E-09
rs113284519	A	G	0.11	0.01	9.9051E-09
rs72949063	G	A	0.03	0.0066136	9.9127E-09
rs144007051	C	T	1.45	0.25	9.9152E-09
rs115292657	A	G	0.11	0.01	9.9166E-09
rs112999635	A	G	0.24	0.04	9.9166E-09
rs148856126	A	C	0.12	0.02	9.9209E-09
4:109129258_A_G	G	A	0.03	0.0065224	9.9242E-09
rs529460018	A	G	0.1	0.01	9.9261E-09
rs147219674	G	C	0.1	0.01	9.933E-09
rs116235663	G	C	0.1	0.01	9.934E-09
rs144373060	A	G	0.08	0.01	9.9379E-09
rs114725423	T	C	0.1	0.01	9.9384E-09
rs80289842	A	G	0.05	0.01	9.9384E-09
rs74328592	G	T	0.05	0.0096143	9.9385E-09
rs115250909	T	C	0.1	0.01	9.94E-09
rs186868981	T	A	0.11	0.01	9.9432E-09
rs555807167	T	C	1.43	0.24	9.9497E-09
rs116080548	C	T	0.1	0.01	9.9544E-09
rs114237561	A	G	0.1	0.01	9.959E-09
rs145164773	C	T	0.18	0.03	9.9614E-09
rs139110933	T	A	0.09	0.01	9.9628E-09
rs150985333	A	G	0.1	0.01	9.9647E-09
rs115609177	G	A	0.1	0.01	9.9685E-09
rs114022958	T	C	0.11	0.01	9.9735E-09
rs114725928	G	C	0.1	0.01	9.9747E-09
rs529039128	T	A	0.1	0.01	9.9953E-09
rs142727377	A	G	0.11	0.01	0.00000001
rs149246100	G	T	0.09	0.01	1.0004E-08
rs146441736	T	C	0.1	0.01	1.0009E-08
rs114649690	C	T	0.1	0.01	1.001E-08
rs142160487	T	C	0.15	0.02	1.0019E-08
rs113982754	G	T	0.19	0.03	1.0037E-08
rs116225412	G	A	0.1	0.01	1.0039E-08
rs557350706	T	C	0.09	0.01	1.0043E-08
rs141169407	C	A	0.14	0.02	1.0048E-08
rs76096995	T	C	0.14	0.02	1.0054E-08
rs758455021	G	A	0.03	0.0064446	1.0055E-08
rs145062348	T	C	0.11	0.01	1.0057E-08
rs147893378	A	T	0.03	0.0063752	1.0058E-08
rs142198698	A	G	0.12	0.02	1.006E-08
rs143473126	T	C	0.12	0.02	1.0061E-08
rs78386005	T	C	0.01	0.0020562	1.0069E-08
rs150744895	T	C	0.1	0.01	1.0073E-08
rs147315277	G	A	0.33	0.05	1.0074E-08
rs192876773	G	C	0.12	0.02	1.0077E-08
rs7787033	T	C	0.05	0.0096042	1.0086E-08
rs116299782	T	C	0.11	0.02	1.0089E-08
rs111640893	T	G	0.05	0.0096042	1.0096E-08
rs61384729	C	T	0.03	0.006424	1.0103E-08
rs146811048	A	G	0.1	0.01	1.0105E-08

rs7515630	G	A	0.03	0.0063281	1.0112E-08
rs192769240	C	T	0.28	0.04	1.0114E-08
rs75285018	G	A	0.08	0.01	1.0115E-08
rs79635115	T	G	0.05	0.01	1.0118E-08
rs190532601	G	A	0.1	0.01	1.0118E-08
rs187997040	G	C	0.12	0.02	1.0124E-08
rs1979553	C	G	0.1	0.01	1.0127E-08
rs144828193	T	C	0.1	0.01	1.0128E-08
rs146114207	C	T	0.22	0.03	1.013E-08
rs111595668	T	A	0.1	0.01	1.0132E-08
rs78297983	T	C	0.05	0.0096038	1.0133E-08
rs114902484	A	G	0.1	0.01	1.0137E-08
rs571709276	G	C	0.01	0.0022854	1.0143E-08
rs150092243	A	G	0.1	0.01	1.015E-08
rs550420601	A	G	0.03	0.0066201	1.015E-08
rs76021973	C	G	0.13	0.02	1.0152E-08
rs143562388	T	C	0.1	0.01	1.0175E-08
rs569434798	T	C	0.37	0.06	1.0178E-08
rs148771960	A	G	0.11	0.01	1.018E-08
rs114043101	G	T	0.1	0.01	1.018E-08
rs113092104	T	G	0.1	0.01	1.019E-08
rs115395373	T	C	0.11	0.02	1.0191E-08
rs112105532	T	C	0.08	0.01	1.0192E-08
rs116464947	A	G	0.06	0.01	1.0194E-08
rs112932528	C	T	0.04	0.007606	1.0203E-08
rs560020397	G	C	0.24	0.04	1.0204E-08
rs761430625	G	A	0.04	0.0080362	1.0205E-08
rs555833448	A	G	0.02	0.0048864	1.0207E-08
rs747351127	C	G	0.02	0.0043735	1.0208E-08
rs60548635	T	C	0.03	0.006539	1.0209E-08
rs11810024	G	A	0.04	0.0076502	1.0211E-08
rs142774868	G	A	0.11	0.01	1.0215E-08
rs149503064	C	T	0.28	0.05	1.0217E-08
rs16939635	A	G	0.05	0.0097048	1.0219E-08
rs148784646	T	C	27.25	4.75	1.022E-08
rs144237373	T	C	0.12	0.02	1.0227E-08
rs574069923	T	C	0.08	0.01	1.0229E-08
rs116326654	C	T	0.03	0.0065387	1.0229E-08
rs148994303	T	C	0.21	0.03	1.0231E-08
rs78631517	T	C	0.07	0.01	1.0232E-08
rs10076145	C	T	0.11	0.01	1.0236E-08
rs141074758	T	C	0.03	0.006545	1.0237E-08
rs111574687	A	G	0.11	0.01	1.0243E-08
rs544958384	T	C	0.06	0.01	1.0246E-08
rs73110538	A	G	0.03	0.0059631	1.025E-08
rs143067532	T	C	0.1	0.01	1.0251E-08
rs562823228	A	G	0.11	0.02	1.0252E-08
rs750068361	T	G	0.01	0.0034291	1.0255E-08
rs113187676	T	G	0.05	0.0096013	1.0264E-08
rs111930870	T	G	0.05	0.0096013	1.0266E-08
rs149464435	A	C	0.06	0.01	1.0269E-08
rs114115781	C	T	0.1	0.01	1.0274E-08
rs56674664	G	C	0.1	0.01	1.0287E-08
rs140502355	C	G	0.09	0.01	1.029E-08
rs151317281	A	T	0.1	0.01	1.0292E-08
rs567730779	T	G	0.1	0.01	1.0293E-08
rs143176619	C	T	0.11	0.02	1.0294E-08
rs114695877	C	A	0.1	0.01	1.0294E-08
rs115562748	T	C	0.1	0.01	1.0294E-08
rs114297000	T	A	0.06	0.01	1.0295E-08
rs375355334	T	C	0.1	0.01	1.0298E-08

rs116555422	A	G	0.22	0.03	1.0307E-08
rs149516084	C	T	0.1	0.01	1.0307E-08
rs111235217	G	A	0.05	0.0096009	1.0315E-08
rs138933081	A	G	3.36	0.58	1.0317E-08
rs142662436	A	G	0.05	0.0096008	1.0319E-08
rs114897817	A	C	0.1	0.01	1.0321E-08
rs148498840	C	G	0.09	0.01	1.0321E-08
rs114546360	T	A	0.1	0.01	1.0325E-08
rs770098486	A	C	0.04	0.007265	1.0331E-08
rs375112243	G	A	0.12	0.02	1.0334E-08
rs140325812	A	G	0.07	0.01	1.0335E-08
rs73284870	T	C	0.1	0.01	1.0337E-08
rs73160127	G	A	0.12	0.02	1.0342E-08
rs111874274	C	T	0.06	0.01	1.0347E-08
rs74336675	T	C	0.16	0.02	1.0353E-08
rs6678443	A	G	0.03	0.0065444	1.0354E-08
rs114769765	A	G	0.15	0.02	1.0356E-08
rs543166904	A	C	0.03	0.0053903	1.0366E-08
rs188623882	A	G	0.1	0.01	1.0372E-08
rs114904285	A	C	0.11	0.01	1.0373E-08
rs141501503	C	G	0.1	0.01	1.0373E-08
rs146661985	G	A	0.13	0.02	1.0375E-08
rs187637061	C	A	0.1	0.01	1.0377E-08
rs6721208	G	A	0.03	0.0065879	1.0383E-08
rs188913384	A	G	0.36	0.06	1.0387E-08
rs189767338	A	G	0.05	0.0098806	1.0393E-08
rs551804982	G	A	0.23	0.04	1.0396E-08
rs148164531	G	A	0.1	0.01	1.0398E-08
rs143936852	C	T	0.08	0.01	1.0401E-08
rs185785698	T	C	0.05	0.0097737	1.0404E-08
rs150183235	G	A	0.8	0.14	1.0409E-08
rs145029269	C	T	0.06	0.01	1.0412E-08
rs528675328	T	C	0.12	0.02	1.0423E-08
rs561933849	T	C	0.03	0.0063839	1.0431E-08
rs187875146	A	G	0.03	0.0061047	1.0437E-08
rs142518630	A	G	0.05	0.01	1.0438E-08
rs114324731	T	A	0.09	0.01	1.0438E-08
rs533950644	T	C	0.1	0.01	1.0441E-08
rs2461809	A	C	0.15	0.02	1.0447E-08
rs143630337	A	C	0.1	0.01	1.0447E-08
rs575780184	C	G	0.1	0.01	1.0456E-08
rs571145369	A	G	0.09	0.01	1.0458E-08
rs181253322	C	A	0.03	0.0064592	1.046E-08
rs192208034	A	C	1	0.17	1.0464E-08
rs140457936	A	G	0.02	0.0042169	1.0464E-08
rs182145372	T	C	0.19	0.03	1.0466E-08
rs376219581	C	A	0.12	0.02	1.0467E-08
rs72944571	A	G	0.1	0.01	1.0469E-08
rs13374338	C	G	0.03	0.0065441	1.0499E-08
rs116535259	T	G	0.02	0.0041995	1.0501E-08
rs115696869	A	G	0.1	0.01	1.0501E-08
rs73570387	T	C	0.13	0.02	1.0501E-08
rs190484999	T	C	0.47	0.08	1.0506E-08
rs556005448	G	A	0.05	0.01	1.0509E-08
rs111936400	A	G	0.05	0.0095957	1.0517E-08
7:84470206_T_G	G	T	0.02	0.0043665	1.0517E-08
rs28655088	G	C	0.11	0.02	1.0523E-08
rs187194262	T	C	0.05	0.0095207	1.0524E-08
rs116325294	G	A	0.12	0.02	1.0525E-08
rs144495550	T	C	0.1	0.01	1.0532E-08
rs145999608	G	C	0.38	0.06	1.0535E-08

rs114905206	A	C	0.1	0.01	1.0535E-08
rs145816802	A	G	0.02	0.0041007	1.0535E-08
rs117931624	T	C	0.18	0.03	1.0543E-08
rs140844257	G	C	0.26	0.04	1.0543E-08
rs180679256	T	C	0.06	0.01	1.0545E-08
rs16850536	C	T	0.05	0.0089944	1.0549E-08
rs114712789	C	A	0.1	0.01	1.0549E-08
rs114990574	C	T	0.03	0.006536	1.0557E-08
rs28817663	A	G	0.1	0.01	1.056E-08
rs566682869	G	A	0.11	0.01	1.056E-08
rs114448158	T	C	0.03	0.0065447	1.0566E-08
rs574376406	A	G	0.15	0.02	1.0586E-08
rs73735424	T	C	0.11	0.01	1.0591E-08
rs144749827	G	T	0.14	0.02	1.0599E-08
rs186443334	A	G	0.09	0.01	1.0611E-08
rs184714106	G	A	0.09	0.01	1.0618E-08
rs377597988	T	G	0.13	0.02	1.0623E-08
rs186467623	C	T	0.19	0.03	1.0631E-08
rs146752880	C	T	0.1	0.01	1.0637E-08
rs78522075	T	G	0.1	0.01	1.0644E-08
rs150673384	T	C	0.03	0.0065441	1.0645E-08
rs145691049	A	G	0.1	0.01	1.0647E-08
rs116934142	A	C	0.62	0.1	1.0652E-08
rs111796355	T	C	0.11	0.02	1.0657E-08
rs150103694	T	C	0.1	0.01	1.0661E-08
rs143620766	A	G	0.16	0.02	1.0663E-08
rs73862540	G	T	0.1	0.01	1.0664E-08
rs74755893	T	C	0.08	0.01	1.0679E-08
rs76131138	G	T	0.1	0.01	1.0681E-08
rs115599301	A	C	0.04	0.0083708	1.0682E-08
rs114085485	C	T	0.1	0.01	1.0689E-08
rs77807738	T	C	0.1	0.01	1.0689E-08
rs115248700	G	C	0.03	0.006532	1.0694E-08
rs112673120	C	A	0.1	0.01	1.0699E-08
rs527269941	A	C	0.1	0.01	1.0699E-08
rs370727604	T	C	0.1	0.01	1.0699E-08
rs114723855	A	G	0.1	0.01	1.0704E-08
rs145906806	C	A	1.44	0.25	1.0704E-08
rs539669831	A	G	0.21	0.03	1.0709E-08
rs372366135	T	G	0.12	0.02	1.0711E-08
rs116018949	T	G	0.06	0.01	1.0712E-08
rs114753107	T	C	0.09	0.01	1.0717E-08
rs138166700	G	A	0.03	0.006544	1.0724E-08
rs114327712	C	T	0.05	0.0095	1.0726E-08
rs78521448	G	A	0.05	0.0096164	1.0726E-08
rs73667875	A	G	0.04	0.0087208	1.0727E-08
rs73074829	A	C	0.11	0.01	1.073E-08
rs79087360	G	T	0.05	0.0095343	1.0736E-08
rs115500534	G	A	0.1	0.01	1.0748E-08
rs369777395	C	T	0.1	0.01	1.0751E-08
rs78045105	C	T	0.13	0.02	1.0756E-08
rs116174514	T	C	0.1	0.01	1.0761E-08
rs553321154	G	T	0.11	0.02	1.0765E-08
rs147731374	G	C	0.1	0.01	1.0776E-08
rs376600307	C	T	0.05	0.0095621	1.0785E-08
rs76019014	A	C	0.1	0.01	1.0792E-08
rs139303820	T	C	0.1	0.01	1.0793E-08
9:66300010_C_A	A	C	0.07	0.01	1.0795E-08
rs116607744	C	T	0.03	0.0065385	1.08E-08
rs535029084	C	T	0.02	0.0043584	1.0804E-08
rs150550997	T	A	0.06	0.01	1.0812E-08



rs140234285	G	C	0.06	0.01	1.0816E-08
rs376789728	C	A	0.03	0.0065285	1.0817E-08
rs557224376	A	G	0.02	0.0040307	1.0818E-08
rs776622217	A	G	0.03	0.0059258	1.0824E-08
rs187303435	T	A	0.39	0.06	1.0825E-08
rs369572428	T	C	0.11	0.02	1.0829E-08
rs141837460	A	G	0.05	0.0097549	1.0829E-08
rs114461716	T	C	0.07	0.01	1.0833E-08
rs147682610	C	T	0.1	0.01	1.0839E-08
rs534964108	G	C	0.12	0.02	1.0845E-08
rs118059299	C	T	0.12	0.02	1.0845E-08
rs114029634	G	A	0.13	0.02	1.0847E-08
rs117357646	T	C	0.12	0.02	1.0852E-08
rs775745921	G	A	0.03	0.0065422	1.0852E-08
rs143225450	A	G	0.11	0.01	1.0853E-08
rs114064185	C	G	0.1	0.01	1.0854E-08
rs562008273	G	T	0.03	0.0066768	1.0857E-08
rs149888280	C	T	0.07	0.01	1.0859E-08
rs574851660	T	C	0.05	0.0096642	1.0861E-08
rs377756768	T	G	0.11	0.02	1.0864E-08
rs376591042	A	G	0.13	0.02	1.0866E-08
rs566629003	G	A	0.1	0.01	1.0866E-08
rs751409430	C	T	0.06	0.01	1.0875E-08
rs57038350	C	T	0.12	0.02	1.0875E-08
rs114643480	A	G	0.1	0.01	1.0877E-08
5:51337334_G_C	C	G	0.05	0.01	1.0879E-08
rs75082262	G	A	0.05	0.0096002	1.0879E-08
rs75840556	G	A	0.1	0.01	1.0885E-08
rs750015275	C	T	0.04	0.0079973	1.0888E-08
rs74572042	G	A	0.1	0.01	1.0889E-08
rs114969385	G	T	0.1	0.01	1.089E-08
rs145468219	A	C	0.07	0.01	1.0903E-08
rs115810948	C	T	0.03	0.0068655	1.091E-08
rs148498257	G	A	0.18	0.03	1.0913E-08
rs545518943	T	G	0.18	0.03	1.0919E-08
rs530073117	C	G	0.11	0.01	1.0922E-08
rs72930921	T	C	0.1	0.01	1.0923E-08
rs73160154	A	T	0.12	0.02	1.0928E-08
rs538785583	T	C	0.14	0.02	1.0935E-08
rs75348912	G	T	0.1	0.01	1.0936E-08
rs185595331	A	G	0.1	0.01	1.0936E-08
rs77791820	G	C	0.09	0.01	1.0939E-08
rs183007235	A	G	0.1	0.01	1.0944E-08
rs78401025	A	G	0.16	0.02	1.0946E-08
rs566152981	G	T	0.11	0.01	1.0954E-08
rs148872372	T	C	0.1	0.01	1.0961E-08
rs41295378	T	G	0.1	0.01	1.0968E-08
rs111370982	A	G	0.12	0.02	1.0971E-08
rs73889964	T	C	0.03	0.0063579	1.0976E-08
rs114159728	A	C	0.1	0.01	1.0976E-08
rs142186793	A	G	0.05	0.0096032	1.0976E-08
rs190317915	C	T	0.1	0.01	1.0987E-08
rs553892554	C	T	0.1	0.01	1.0988E-08
rs371854473	C	T	0.1	0.01	1.0993E-08
rs76536432	T	C	0.11	0.01	1.0995E-08
rs114751649	A	G	0.14	0.02	1.0997E-08
rs111464478	G	A	0.04	0.007245	1.0999E-08
rs114406724	T	A	0.1	0.01	1.1004E-08
rs751524185	G	T	0.02	0.0044331	1.1008E-08
rs141524774	A	T	1.35	0.23	1.1019E-08
rs115601189	A	T	0.08	0.01	1.102E-08

rs142180432	T	C	0.1	0.01	1.1022E-08
rs749122124	C	T	0.05	0.0089693	1.1022E-08
rs546575780	A	G	0.03	0.0060297	1.1023E-08
rs558078245	C	G	0.02	0.0049726	1.1025E-08
rs115446733	T	C	0.03	0.006541	1.1026E-08
rs149662020	A	G	0.68	0.11	1.103E-08
rs137956373	G	A	0.11	0.01	1.1037E-08
rs76794082	A	T	0.15	0.02	1.1042E-08
rs73096954	A	C	0.02	0.0046377	1.1046E-08
rs115961292	C	T	0.1	0.01	1.1048E-08
rs79783456	G	C	0.1	0.01	1.105E-08
rs184147144	C	T	0.1	0.01	1.105E-08
rs144102937	A	G	0.1	0.01	1.1061E-08
rs78821054	T	C	0.1	0.01	1.107E-08
rs142893434	T	C	0.1	0.01	1.1074E-08
rs114366231	T	G	0.11	0.02	1.1076E-08
rs114394877	G	A	0.1	0.01	1.1091E-08
rs377613921	A	G	0.1	0.01	1.1097E-08
rs75535225	C	T	0.1	0.01	1.1109E-08
rs114088590	G	T	0.03	0.006541	1.1111E-08
rs539406229	A	T	0.1	0.01	1.1112E-08
rs145997433	G	C	0.08	0.01	1.1114E-08
rs144141742	C	T	0.4	0.07	1.1124E-08
rs139750617	T	C	0.1	0.01	1.1125E-08
rs114360878	G	A	0.1	0.01	1.1125E-08
rs116412315	T	C	0.1	0.01	1.1126E-08
rs112881031	A	T	0.1	0.01	1.1129E-08
rs77657270	C	G	0.1	0.01	1.1139E-08
rs115666712	T	C	0.1	0.01	1.1156E-08
rs118040333	C	A	0.12	0.02	1.1158E-08
rs116784937	C	T	0.1	0.01	1.1169E-08
rs116301636	A	G	0.1	0.01	1.1169E-08
rs79899470	A	G	0.05	0.0095791	1.1172E-08
rs142094391	T	C	0.11	0.02	1.1185E-08
rs192844644	G	A	0.1	0.01	1.1188E-08
rs777830385	T	C	0.06	0.01	1.1191E-08
rs567720662	A	G	0.03	0.006674	1.1192E-08
rs113634998	T	C	0.1	0.01	1.1196E-08
rs9839544	C	T	0.02	0.0051679	1.12E-08
rs145622880	A	G	0.02	0.0036699	1.1205E-08
rs572939010	T	C	0.1	0.01	1.1205E-08
rs13322786	T	C	0.02	0.005071	1.1209E-08
rs28433611	A	C	0.02	0.0050709	1.1212E-08
rs79568595	G	T	0.05	0.0095854	1.1212E-08
rs116794363	G	C	0.04	0.0076041	1.1217E-08
rs79127466	A	G	0.1	0.01	1.1222E-08
rs116199871	T	C	0.1	0.01	1.124E-08
rs116761941	T	C	0.1	0.01	1.1243E-08
rs555571741	G	A	0.05	0.0095074	1.1252E-08
rs74425649	T	A	0.05	0.0097536	1.1257E-08
rs368663282	G	A	0.12	0.02	1.126E-08
rs138985729	G	A	0.05	0.0090126	1.1266E-08
4:85112656_A_C	C	A	0.05	0.0097977	1.1274E-08
rs115161251	C	G	0.1	0.01	1.1278E-08
rs115007989	T	C	0.1	0.01	1.1285E-08
rs77400158	T	G	0.1	0.01	1.1288E-08
rs78127019	G	T	0.1	0.01	1.1288E-08
rs189182354	C	T	0.11	0.02	1.1289E-08
rs375816810	C	A	0.1	0.01	1.129E-08
rs377350765	A	G	0.1	0.01	1.1298E-08
rs147184346	T	C	0.55	0.09	1.1306E-08

rs138974957	T	C	0.1	0.01	1.131E-08
rs115802242	G	A	0.1	0.01	1.1311E-08
rs114213453	C	G	0.1	0.01	1.1312E-08
rs150004193	T	C	0.1	0.01	1.1312E-08
rs184777377	A	C	0.02	0.0046244	1.1313E-08
rs145349904	G	A	0.06	0.01	1.1316E-08
rs548933386	C	T	0.03	0.0065146	1.132E-08
rs753392627	G	T	0.01	0.0034733	1.132E-08
rs74331895	T	A	0.11	0.01	1.1321E-08
rs142184449	G	A	0.1	0.01	1.1322E-08
rs145100016	A	G	0.1	0.01	1.1324E-08
rs2084317	A	G	0.09	0.01	1.1324E-08
rs571003358	C	T	0.1	0.01	1.1333E-08
rs6865897	T	G	0.03	0.0066299	1.1333E-08
rs17496373	G	A	0.1	0.01	1.134E-08
rs140262634	A	G	0.05	0.0096063	1.134E-08
rs180873783	T	A	0.12	0.02	1.1344E-08
rs145964947	G	A	0.29	0.05	1.1353E-08
rs147248749	G	A	0.03	0.006076	1.1355E-08
rs183411886	A	G	0.12	0.02	1.1367E-08
rs140526494	C	T	0.08	0.01	1.1368E-08
rs182418133	G	C	0.1	0.01	1.1373E-08
rs73035697	A	T	0.1	0.01	1.1376E-08
rs78736347	G	C	0.1	0.01	1.1379E-08
rs116520716	G	C	0.1	0.01	1.1379E-08
rs75280561	G	A	0.1	0.01	1.138E-08
rs544886771	T	C	0.1	0.01	1.1386E-08
rs190734871	C	A	0.11	0.02	1.1395E-08
rs141330014	A	G	0.08	0.01	1.1396E-08
rs141641348	T	C	0.1	0.01	1.1398E-08
rs142325384	G	A	0.05	0.0096158	1.1399E-08
rs79781303	A	G	0.05	0.0095736	1.1401E-08
rs115972494	G	A	0.1	0.01	1.1409E-08
rs114835432	C	T	0.1	0.01	1.1411E-08
rs148664125	A	G	0.1	0.01	1.1411E-08
rs139420552	A	G	0.06	0.01	1.1426E-08
rs148473946	G	A	0.1	0.01	1.1441E-08
rs114416791	C	T	0.1	0.01	1.1441E-08
rs11968266	C	T	0.1	0.01	1.1443E-08
rs116233282	C	T	0.05	0.0091804	1.1443E-08
rs116710356	C	G	0.1	0.01	1.1444E-08
rs114342015	A	G	0.06	0.01	1.1448E-08
rs184175572	G	C	0.1	0.01	1.1453E-08
rs140205644	A	G	0.05	0.0095712	1.1456E-08
rs190930898	A	G	0.1	0.01	1.1457E-08
rs76640554	T	G	0.12	0.02	1.1461E-08
rs138070830	G	A	0.05	0.0096158	1.1462E-08
rs140316354	T	C	0.13	0.02	1.1463E-08
rs533089245	T	G	0.05	0.009201	1.1466E-08
rs111828712	C	T	0.1	0.01	1.1471E-08
rs118095121	T	A	0.11	0.02	1.1476E-08
rs566769991	G	A	0.03	0.0066015	1.1477E-08
rs7645321	T	C	0.1	0.01	1.1478E-08
rs372785518	G	T	0.1	0.01	1.1479E-08
3:146315974_C_T	T	C	0.04	0.0077226	1.1481E-08
rs561482471	G	T	0.1	0.01	1.1481E-08
rs78316521	G	T	0.1	0.01	1.1484E-08
rs111341114	C	G	0.1	0.01	1.149E-08
rs9846648	G	A	0.02	0.0051655	1.1497E-08
rs78305776	G	T	0.05	0.0094695	1.1499E-08
rs376943823	C	A	0.18	0.03	1.1503E-08

rs116358862	G	A	0.1	0.01	1.1503E-08
rs77521602	A	C	0.05	0.0094695	1.1503E-08
rs143312074	C	T	0.03	0.0056846	1.1505E-08
rs145352085	T	C	0.1	0.01	1.1513E-08
rs560880441	C	T	0.04	0.0086075	1.1529E-08
rs115883339	C	G	0.17	0.03	1.153E-08
rs369639770	A	G	0.1	0.01	1.1534E-08
rs114290252	C	T	0.1	0.01	1.1551E-08
rs12501665	C	A	0.1	0.01	1.1558E-08
rs12509418	C	G	0.1	0.01	1.1558E-08
rs143451874	G	A	0.1	0.01	1.1565E-08
rs190283297	A	G	0.1	0.01	1.1567E-08
rs146060590	G	A	0.1	0.01	1.1571E-08
rs557469778	G	A	0.16	0.02	1.1573E-08
rs144530691	A	G	0.05	0.0094476	1.158E-08
rs114193373	A	T	0.1	0.01	1.1589E-08
rs143084664	G	A	0.13	0.02	1.1598E-08
rs142877122	T	C	0.11	0.01	1.1599E-08
rs146094826	G	A	0.11	0.02	1.1602E-08
rs139130344	C	G	0.1	0.01	1.1614E-08
rs57747881	C	T	0.1	0.01	1.1619E-08
rs151036453	C	T	0.1	0.01	1.1629E-08
rs573671992	C	T	0.1	0.01	1.1632E-08
rs181180784	A	C	0.09	0.01	1.1641E-08
rs76115222	A	G	0.2	0.03	1.1645E-08
rs7012676	T	C	0.1	0.01	1.165E-08
rs138870441	C	T	0.12	0.02	1.1654E-08
5:180188159_T_G	G	T	0.04	0.0083419	1.1654E-08
rs139526304	T	C	0.1	0.01	1.1656E-08
rs146243328	A	G	0.1	0.01	1.1661E-08
rs113155117	A	G	0.06	0.01	1.1662E-08
rs143377364	A	G	0.1	0.01	1.1671E-08
rs142378574	G	A	0.1	0.01	1.1674E-08
rs116686105	G	A	0.1	0.01	1.1682E-08
rs147824620	C	A	0.1	0.01	1.1688E-08
rs190590134	T	C	0.2	0.03	1.169E-08
rs74351766	C	G	0.12	0.02	1.169E-08
rs147827665	T	C	0.1	0.01	1.1691E-08
rs59634474	A	G	0.09	0.01	1.1693E-08
rs139030392	T	C	0.1	0.01	1.1695E-08
rs111451890	G	C	0.05	0.0096399	1.1696E-08
rs149796611	T	A	0.11	0.01	1.1696E-08
rs79589155	T	G	0.04	0.0077533	1.1698E-08
rs75068875	A	G	0.03	0.0066088	1.1701E-08
rs150908587	C	A	0.05	0.0099679	1.1701E-08
rs144574775	T	C	0.1	0.01	1.1708E-08
rs79432240	C	T	0.1	0.01	1.1714E-08
rs72990408	C	T	0.17	0.03	1.1717E-08
rs774658270	T	A	0.03	0.0055532	1.1725E-08
rs117873202	C	G	0.26	0.04	1.1731E-08
rs111593614	C	G	0.11	0.01	1.1734E-08
rs6905331	G	A	0.1	0.01	1.174E-08
rs76800803	A	C	0.1	0.01	1.1747E-08
rs76534040	A	G	0.03	0.0065268	1.1751E-08
rs748769322	A	G	0.04	0.0086774	1.1755E-08
rs181129202	T	A	0.1	0.01	1.1757E-08
rs115901214	T	C	0.1	0.01	1.1757E-08
rs79325374	C	G	0.1	0.01	1.1758E-08
rs116298277	T	C	0.05	0.009659	1.1759E-08
rs149991556	C	T	0.08	0.01	1.1764E-08
rs532535852	G	A	0.17	0.03	1.1764E-08

rs148880804	A	T	0.11	0.02	1.1768E-08
rs146732360	G	T	0.1	0.01	1.1769E-08
rs146704612	T	C	0.1	0.01	1.177E-08
rs116542602	C	G	0.1	0.01	1.1773E-08
rs1249450	C	A	0.1	0.01	1.1778E-08
rs116245679	A	G	0.1	0.01	1.1779E-08
rs137878005	T	C	0.05	0.0088082	1.1783E-08
rs115212532	T	C	0.14	0.02	1.1787E-08
rs150252673	A	G	0.19	0.03	1.1795E-08
rs138018421	A	C	0.11	0.01	1.1797E-08
rs75044344	T	A	0.04	0.0079583	1.1808E-08
rs149978402	A	G	0.1	0.01	1.1808E-08
rs142071976	T	C	0.1	0.01	1.1811E-08
rs10019431	A	G	0.02	0.0042393	1.1814E-08
rs116131131	A	G	0.29	0.05	1.1818E-08
rs11466534	A	G	0.1	0.01	1.1824E-08
rs191890988	C	G	0.11	0.01	1.1833E-08
rs75070000	A	G	0.1	0.01	1.1838E-08
rs11883759	T	A	0.06	0.01	1.186E-08
rs183044793	T	G	0.1	0.01	1.1864E-08
rs77082161	T	G	0.1	0.01	1.1865E-08
rs138489930	G	T	0.11	0.01	1.1865E-08
rs114868180	G	A	0.1	0.01	1.1865E-08
rs753382475	C	A	0.01	0.003482	1.1866E-08
rs555129385	A	C	0.18	0.03	1.1871E-08
rs148650630	A	G	0.1	0.01	1.1873E-08
rs56951149	G	C	0.1	0.01	1.1881E-08
rs182589882	T	C	0.12	0.02	1.1885E-08
rs114740867	C	T	0.05	0.0095621	1.1885E-08
rs761522085	C	A	0.02	0.004396	1.189E-08
rs142985480	A	T	0.1	0.01	1.1892E-08
rs180802886	T	C	0.1	0.01	1.1893E-08
rs114356701	G	A	0.1	0.01	1.1895E-08
rs115468911	T	A	0.12	0.02	1.1897E-08
rs79807205	A	C	0.03	0.0065254	1.1904E-08
rs11993765	G	C	0.09	0.01	1.1907E-08
rs114376393	T	A	0.1	0.01	1.1913E-08
rs139644425	C	T	0.13	0.02	1.1913E-08
rs114798332	T	C	0.1	0.01	1.1915E-08
6:75687134_G_A	A	G	0.1	0.01	1.1926E-08
rs190543045	A	G	0.1	0.01	1.1929E-08
rs190130271	T	A	0.03	0.006816	1.193E-08
rs186586555	T	A	0.14	0.02	1.1934E-08
rs540420669	C	T	0.14	0.02	1.1934E-08
rs183100869	G	A	0.1	0.01	1.1935E-08
rs146074509	A	G	0.17	0.03	1.1943E-08
rs377003342	G	C	0.1	0.01	1.1943E-08
rs115378246	A	G	0.1	0.01	1.1944E-08
rs115957277	T	C	0.22	0.03	1.1947E-08
rs75678696	G	A	0.1	0.01	1.195E-08
rs112923657	T	C	0.1	0.01	1.1954E-08
rs184321100	C	T	0.07	0.01	1.1965E-08
rs747378171	A	G	0.03	0.0052913	1.1967E-08
rs191616506	T	C	0.08	0.01	1.1968E-08
rs143686749	G	T	0.1	0.01	1.197E-08
rs147698069	A	C	0.1	0.01	1.1978E-08
5:44533423_T_A	A	T	0.09	0.01	1.1987E-08
rs577503352	A	G	0.1	0.01	1.1992E-08
rs139180174	C	G	0.05	0.009609	1.1992E-08
rs75769297	G	A	0.11	0.01	1.1995E-08
rs77552256	C	T	0.1	0.01	1.1998E-08

rs151124227	G	A	0.07	0.01	1.1999E-08
rs556295855	C	T	0.02	0.004598	1.1999E-08
rs181158382	G	T	0.11	0.02	1.2012E-08
rs150853295	A	G	0.05	0.0097127	1.2014E-08
rs192839535	G	T	0.03	0.0063174	1.2024E-08
rs74343616	A	G	0.1	0.01	1.2031E-08
rs149778888	G	C	0.05	0.0095047	1.2032E-08
rs180801390	T	C	0.14	0.02	1.2032E-08
rs114118380	T	C	0.05	0.0095049	1.2033E-08
rs115486465	T	A	0.1	0.01	1.2043E-08
rs183291487	A	G	0.12	0.02	1.2045E-08
rs559678224	C	A	0.05	0.0092841	1.2048E-08
rs79551085	C	T	0.1	0.01	1.205E-08
rs145476918	C	T	0.1	0.01	1.2055E-08
rs13359842	A	G	0.64	0.11	1.2057E-08
rs58013474	A	G	0.1	0.01	1.2067E-08
rs534241490	C	A	0.03	0.0068993	1.2074E-08
rs189839406	A	G	0.1	0.01	1.2076E-08
rs529442812	T	A	0.03	0.0052919	1.2079E-08
rs560324088	A	C	0.03	0.0052919	1.2079E-08
rs116379811	G	A	0.05	0.0099099	1.2088E-08
rs114839213	G	T	0.04	0.0083904	1.2092E-08
rs141900052	G	C	0.05	0.0095501	1.2107E-08
rs114339251	T	A	0.1	0.01	1.2113E-08
rs112090177	C	T	0.1	0.01	1.2124E-08
rs140919720	T	G	0.1	0.01	1.2135E-08
rs184897601	C	T	0.1	0.01	1.2144E-08
rs561638292	T	C	0.16	0.02	1.2147E-08
rs114092890	G	A	0.1	0.01	1.2163E-08
rs182265628	A	C	0.12	0.02	1.2173E-08
rs548636523	A	C	0.12	0.02	1.218E-08
rs73698743	A	G	0.05	0.01	1.2186E-08
rs73588583	C	T	0.14	0.02	1.2187E-08
rs188801818	G	A	0.02	0.005092	1.2192E-08
rs191727800	C	T	0.1	0.01	1.2197E-08
rs540299490	A	C	0.1	0.01	1.2205E-08
rs114541328	A	G	0.1	0.01	1.2212E-08
rs141887030	C	T	0.08	0.01	1.2216E-08
rs185441977	A	G	0.24	0.04	1.2217E-08
rs75953463	C	T	0.05	0.0093593	1.222E-08
rs74788116	T	A	0.1	0.01	1.2224E-08
1:228131586_G_A	A	G	0.02	0.0040664	1.2238E-08
rs76415262	G	A	0.05	0.0094732	1.224E-08
rs139573228	T	C	0.1	0.01	1.225E-08
rs775916058	A	G	0.03	0.0060501	1.225E-08
rs193047439	T	G	0.1	0.01	1.2257E-08
rs112699572	A	G	0.04	0.007887	1.2258E-08
rs114058385	T	C	0.11	0.02	1.2258E-08
rs113817027	T	G	0.09	0.01	1.2258E-08
rs539408611	T	C	0.02	0.0042186	1.226E-08
rs75283468	A	G	0.11	0.01	1.2264E-08
rs114603615	C	T	0.07	0.01	1.2265E-08
rs141703943	G	C	0.1	0.01	1.2266E-08
rs148347044	G	A	0.05	0.0093241	1.227E-08
rs187207250	T	C	0.1	0.01	1.2272E-08
rs148799791	A	G	0.1	0.01	1.2273E-08
rs149832690	A	G	0.03	0.0056365	1.2274E-08
rs374382388	T	C	0.09	0.01	1.2278E-08
rs60120032	G	A	0.05	0.009238	1.2283E-08
rs115238159	A	G	0.1	0.01	1.2292E-08
rs142577604	T	G	0.96	0.16	1.2292E-08

rs146848775	T	A	0.1	0.01	1.2301E-08
rs60920480	G	A	0.05	0.0096264	1.2306E-08
rs558847193	T	C	0.1	0.01	1.2306E-08
rs189426752	C	G	0.1	0.01	1.2307E-08
rs144904724	C	T	0.05	0.0097406	1.2308E-08
rs182042464	T	A	0.06	0.01	1.2308E-08
rs191071025	T	A	0.06	0.01	1.2308E-08
rs76027634	G	A	0.05	0.0096533	1.2325E-08
rs59559544	C	G	0.05	0.0094734	1.2327E-08
rs142328657	T	C	0.1	0.01	1.233E-08
rs116110769	T	C	0.1	0.01	1.2348E-08
rs78387702	G	T	0.1	0.01	1.2364E-08
rs570620873	T	C	0.05	0.0097892	1.2371E-08
rs7514712	T	C	0.06	0.01	1.2373E-08
rs114084922	T	C	0.07	0.01	1.2378E-08
rs551813601	C	G	0.12	0.02	1.2382E-08
rs144074026	T	G	0.12	0.02	1.2386E-08
rs144275278	C	T	0.12	0.02	1.239E-08
rs529823989	G	C	0.13	0.02	1.2393E-08
rs6991039	T	C	0.06	0.01	1.2393E-08
rs73671403	C	T	0.06	0.01	1.2398E-08
rs569387796	A	G	0.05	0.0095756	1.2399E-08
rs556169922	C	G	0.1	0.01	1.2407E-08
rs140990230	A	G	0.16	0.02	1.241E-08
rs530301788	T	A	0.13	0.02	1.2416E-08
rs147428094	T	C	0.15	0.02	1.2418E-08
rs114117346	C	T	0.09	0.01	1.2421E-08
rs535450938	A	C	0.03	0.0063769	1.2433E-08
rs79631080	A	G	0.05	0.0097455	1.2437E-08
rs150658776	A	G	0.1	0.01	1.2444E-08
rs375497390	A	G	0.1	0.01	1.2465E-08
rs78328240	G	A	0.03	0.0065231	1.2477E-08
rs143652093	T	G	0.1	0.01	1.2478E-08
rs550533703	T	C	0.22	0.03	1.2483E-08
rs185543160	A	G	0.1	0.01	1.2484E-08
rs146256005	A	G	0.12	0.02	1.2486E-08
rs114141757	T	A	5.3	0.93	1.2487E-08
rs568139044	A	T	5.3	0.93	1.2487E-08
rs372293986	C	T	0.17	0.03	1.2496E-08
rs116580874	C	G	0.08	0.01	1.2498E-08
rs185993869	C	T	0.1	0.01	1.2502E-08
rs137957807	A	G	0.11	0.02	1.2507E-08
rs78495405	A	C	0.1	0.01	1.2511E-08
rs181637067	A	G	0.1	0.01	1.2522E-08
rs144955768	T	C	0.1	0.01	1.2522E-08
rs13385278	C	T	0.05	0.0091304	1.2524E-08
rs116581489	T	C	0.03	0.0065305	1.2555E-08
rs114645085	A	G	0.09	0.01	1.256E-08
rs143043353	A	G	0.1	0.01	1.2566E-08
rs73764682	C	T	0.06	0.01	1.2577E-08
rs138752725	T	G	0.1	0.01	1.2581E-08
rs140600138	G	A	0.19	0.03	1.2598E-08
rs140342634	T	G	0.62	0.11	1.2606E-08
rs78126885	G	A	0.11	0.01	1.2613E-08
rs148974172	C	T	0.04	0.0075751	1.2613E-08
rs114280947	T	C	0.1	0.01	1.2613E-08
rs193067899	A	G	0.11	0.01	1.2621E-08
rs146632093	A	T	0.11	0.01	1.2627E-08
rs748704091	G	A	0.03	0.0053335	1.2628E-08
rs116635007	T	A	0.1	0.01	1.2629E-08
rs145838139	T	G	0.1	0.01	1.2637E-08

rs187900734	T	C	0.22	0.04	1.2637E-08
rs745771579	T	C	0.02	0.0051242	1.2637E-08
rs534120821	A	G	0.1	0.01	1.2641E-08
rs116263075	T	C	0.1	0.01	1.2647E-08
rs78644674	T	C	0.1	0.01	1.2647E-08
rs188655925	C	T	0.11	0.02	1.2651E-08
rs141863887	T	C	0.1	0.01	1.2652E-08
rs148671028	A	G	0.11	0.01	1.2653E-08
rs146168557	T	C	0.12	0.02	1.2654E-08
rs111706891	A	T	0.05	0.0095099	1.2656E-08
rs114300311	T	C	0.05	0.0097641	1.266E-08
rs550667985	C	T	0.1	0.01	1.2662E-08
rs188932622	G	A	0.04	0.0086186	1.2666E-08
rs116019944	A	G	0.04	0.0085663	1.2666E-08
rs116216698	A	C	0.1	0.01	1.2669E-08
rs60286623	T	C	0.1	0.01	1.2669E-08
rs79644238	C	G	0.03	0.0065505	1.2672E-08
rs4461926	T	C	0.1	0.01	1.2675E-08
rs370275383	T	C	0.1	0.01	1.2678E-08
rs140761609	T	A	0.1	0.01	1.2692E-08
rs149255873	T	C	0.23	0.04	1.2696E-08
rs114358137	C	T	0.03	0.0064325	1.2707E-08
rs374387070	A	G	0.1	0.01	1.2717E-08
rs141852016	C	A	0.03	0.0064995	1.272E-08
rs116367735	T	C	0.08	0.01	1.2724E-08
rs78661537	G	C	0.55	0.09	1.2726E-08
rs115782872	C	T	0.1	0.01	1.273E-08
rs146167546	G	A	0.1	0.01	1.273E-08
rs72966887	C	T	0.1	0.01	1.2736E-08
rs77236377	G	A	0.03	0.0065284	1.2744E-08
rs116545774	G	A	0.1	0.01	1.2753E-08
rs78733415	A	C	0.05	0.01	1.2755E-08
rs185397608	A	G	0.13	0.02	1.2756E-08
rs150282437	C	T	0.1	0.01	1.2756E-08
rs56815483	G	A	0.04	0.0086181	1.2761E-08
rs114842531	A	C	0.06	0.01	1.2766E-08
rs147511727	T	C	0.11	0.02	1.2767E-08
rs76235632	C	T	0.1	0.01	1.2772E-08
rs564810113	A	G	0.17	0.03	1.2773E-08
rs141275888	T	C	0.1	0.01	1.2775E-08
rs112646592	T	C	0.13	0.02	1.279E-08
rs142033250	T	C	0.1	0.01	1.2794E-08
rs552417302	T	C	0.03	0.0062304	1.2806E-08
rs547954738	T	C	0.11	0.01	1.281E-08
rs144137817	G	A	0.11	0.02	1.2815E-08
rs140058560	C	T	0.1	0.01	1.283E-08
rs149930020	T	C	0.06	0.01	1.286E-08
rs7830928	C	T	0.1	0.01	1.2864E-08
rs115121063	G	C	0.1	0.01	1.2866E-08
rs142444464	A	G	0.1	0.01	1.2869E-08
rs140029089	G	A	0.11	0.02	1.2871E-08
rs75674295	G	T	0.13	0.02	1.2874E-08
rs9310227	G	C	0.1	0.01	1.2885E-08
rs116628345	C	A	0.55	0.09	1.2889E-08
rs576618619	A	C	0.09	0.01	1.289E-08
rs567187566	A	G	0.1	0.01	1.2901E-08
rs182122800	C	A	0.1	0.01	1.2903E-08
rs144330710	C	A	0.05	0.01	1.2912E-08
rs117665626	G	A	0.06	0.01	1.2912E-08
rs1401918	C	T	0.1	0.01	1.292E-08
rs368313337	C	T	0.1	0.01	1.2921E-08



rs149241013	A	G	0.1	0.01	1.2923E-08
rs116301869	G	A	0.1	0.01	1.2927E-08
rs776582490	G	A	0.02	0.0051322	1.2929E-08
rs114771666	A	C	0.03	0.0064932	1.2931E-08
rs76998961	C	T	0.1	0.01	1.2934E-08
rs113877776	A	T	0.1	0.01	1.2935E-08
2:58631584_C_A	A	C	0.04	0.0076029	1.2939E-08
rs533247553	A	G	0.03	0.0061416	1.2943E-08
rs145894171	G	T	0.04	0.0074382	1.2943E-08
rs74045143	C	G	0.006677	0.0011741	1.2944E-08
rs115067104	A	G	0.05	0.0088134	1.2946E-08
rs75735948	G	A	0.06	0.01	1.2955E-08
rs545200685	T	C	0.11	0.01	1.2964E-08
rs78407907	C	T	0.05	0.0094676	1.2976E-08
rs116812064	A	G	0.1	0.01	1.2977E-08
rs185254795	T	G	0.2	0.03	1.2978E-08
rs553474987	T	C	0.1	0.01	1.2978E-08
rs76900616	A	G	0.16	0.02	1.2979E-08
rs184709243	A	G	0.14	0.02	1.2982E-08
rs201421132	A	T	0.04	0.0082509	1.2988E-08
rs150660275	C	T	0.05	0.0097	1.2992E-08
rs57468684	A	G	0.03	0.0064916	1.2995E-08
rs76556376	A	G	0.05	0.0095968	1.3004E-08
rs559123852	A	G	0.1	0.01	1.3005E-08
rs59631531	A	G	0.28	0.04	1.3007E-08
rs147593506	G	A	0.1	0.01	1.3012E-08
rs144824974	A	G	0.04	0.0075692	1.3012E-08
rs13386457	T	A	0.12	0.02	1.3013E-08
rs769049822	A	G	0.02	0.0045021	1.3015E-08
rs142127068	T	A	0.1	0.01	1.3019E-08
rs147018180	T	G	0.1	0.01	1.3021E-08
rs7083181	G	A	0.02	0.0043749	1.3021E-08
rs192011915	A	G	0.1	0.01	1.3033E-08
rs117144531	G	A	0.1	0.01	1.3034E-08
rs775966341	A	C	0.04	0.0078702	1.304E-08
rs113236901	A	C	0.05	0.0095048	1.3042E-08
rs139022733	T	A	0.1	0.01	1.3046E-08
rs77187176	C	A	0.11	0.01	1.3076E-08
rs114640268	A	G	0.1	0.01	1.3081E-08
rs2110938	C	A	0.1	0.01	1.3084E-08
rs149166770	A	T	0.1	0.01	1.3084E-08
rs73690442	G	A	0.05	0.0095291	1.3086E-08
rs777763491	A	G	0.03	0.0066879	1.3089E-08
rs74825675	T	G	0.1	0.01	1.3101E-08
rs113659030	T	G	0.06	0.01	1.3104E-08
rs78017129	T	G	0.05	0.0097803	1.3108E-08
rs146860699	G	A	0.1	0.01	1.3119E-08
rs139963033	G	A	0.1	0.01	1.3121E-08
rs368135069	C	T	0.47	0.08	1.3122E-08
rs564338620	C	T	0.1	0.01	1.3123E-08
rs2716851	T	C	0.1	0.01	1.3128E-08
rs6568916	T	C	0.1	0.01	1.3129E-08
rs565066223	T	C	0.16	0.02	1.313E-08
rs191387501	A	T	0.1	0.01	1.3138E-08
rs115267819	C	T	0.1	0.01	1.3139E-08
rs76984836	A	G	0.1	0.01	1.314E-08
rs558797444	A	T	0.1	0.01	1.3143E-08
rs533252547	A	C	0.11	0.02	1.3144E-08
rs371756375	A	G	0.05	0.0095613	1.3148E-08
rs139389358	G	A	0.05	0.009536	1.3157E-08
rs115534698	T	G	0.07	0.01	1.3163E-08

rs541875131	A	G	0.1	0.01	1.3186E-08
rs537271758	A	T	0.02	0.0047569	1.3195E-08
rs116401802	G	A	0.1	0.01	1.3201E-08
rs562702840	A	G	0.11	0.02	1.3221E-08
rs574328677	G	A	0.24	0.04	1.3224E-08
rs80145230	A	G	0.06	0.01	1.3225E-08
rs146105663	A	T	0.1	0.01	1.323E-08
rs115745503	C	G	0.11	0.02	1.3241E-08
rs17077229	G	A	0.1	0.01	1.3243E-08
rs116355543	T	C	0.1	0.01	1.3249E-08
rs75036077	C	T	0.16	0.02	1.3251E-08
rs147809743	A	T	0.1	0.01	1.3258E-08
rs78646886	T	C	0.05	0.01	1.3275E-08
rs188726477	G	A	0.11	0.02	1.3288E-08
rs537397523	A	G	0.02	0.0050625	1.329E-08
rs148003957	C	G	0.05	0.0093874	1.3292E-08
rs185045731	A	G	0.17	0.03	1.3294E-08
rs565335337	T	C	0.03	0.0056007	1.3295E-08
rs115173473	A	G	0.1	0.01	1.33E-08
rs61451878	A	G	0.15	0.02	1.33E-08
rs142454032	A	G	0.1	0.01	1.3303E-08
rs191580119	T	G	0.14	0.02	1.3308E-08
rs368858804	C	A	0.1	0.01	1.3317E-08
rs567404372	T	A	0.15	0.02	1.3321E-08
rs116551714	G	T	0.05	0.0093722	1.3328E-08
rs182849956	A	T	0.05	0.0092099	1.334E-08
rs145982919	T	C	0.1	0.01	1.334E-08
rs114013974	T	C	2.3	0.4	1.3343E-08
rs146370134	T	C	0.1	0.01	1.3343E-08
rs114518344	T	A	0.1	0.01	1.3347E-08
5:64055445_A_G	G	A	0.05	0.0091121	1.3351E-08
rs539691045	T	C	0.92	0.16	1.3352E-08
rs78927485	T	G	0.02	0.005173	1.3352E-08
rs190487335	C	A	0.1	0.01	1.3356E-08
rs774420665	G	C	0.05	0.0095444	1.3356E-08
rs556428284	C	T	0.1	0.01	1.3364E-08
rs17146531	A	G	0.05	0.0098234	1.3367E-08
rs78928483	C	T	0.11	0.01	1.337E-08
rs6706044	C	T	0.03	0.0068939	1.3374E-08
rs6940378	G	A	0.1	0.01	1.3379E-08
rs13394023	T	C	0.1	0.01	1.338E-08
rs751711786	C	T	0.02	0.0047094	1.3384E-08
rs193137622	C	T	0.88	0.15	1.3385E-08
rs143204318	T	C	0.1	0.01	1.3396E-08
10:62128292_G_A	A	G	0.04	0.0084783	1.341E-08
rs193006917	A	T	0.15	0.02	1.344E-08
rs148883011	G	T	0.15	0.02	1.344E-08
rs115935808	T	G	0.05	0.009643	1.3444E-08
rs185854218	A	T	0.17	0.03	1.3457E-08
rs138263215	T	C	0.12	0.02	1.3458E-08
rs537729884	T	C	0.11	0.02	1.3459E-08
rs780861077	T	C	0.03	0.0059058	1.346E-08
rs114440530	C	A	0.1	0.01	1.3461E-08
rs7568200	C	A	0.15	0.02	1.3464E-08
rs565195818	T	G	0.1	0.01	1.3469E-08
6:72976608_A_G	G	A	0.06	0.01	1.3484E-08
rs571842691	A	G	0.07	0.01	1.349E-08
rs6777620	G	T	0.16	0.02	1.3498E-08
rs192166492	C	T	3.09	0.54	1.3509E-08
rs373260707	C	T	0.12	0.02	1.3518E-08
rs116192014	G	A	0.09	0.01	1.3525E-08

rs140079188	G	A	0.1	0.01	1.3527E-08
rs73764683	C	T	0.06	0.01	1.3539E-08
rs116627573	T	G	0.1	0.01	1.3541E-08
rs117139832	A	G	0.05	0.01	1.3544E-08
rs189987034	A	G	0.12	0.02	1.3555E-08
rs141734164	T	C	0.88	0.15	1.357E-08
rs191138840	C	A	0.09	0.01	1.3574E-08
rs60147161	A	G	0.05	0.0095311	1.3576E-08
rs140521764	T	C	0.05	0.0099307	1.3586E-08
rs141380845	C	G	0.1	0.01	1.3587E-08
rs749746932	C	T	0.05	0.0095946	1.3597E-08
rs74551253	G	C	0.1	0.01	1.3607E-08
rs7778653	G	A	0.05	0.0095195	1.3608E-08
rs575310080	A	G	0.05	0.009304	1.361E-08
rs140457765	T	C	0.05	0.0098682	1.3611E-08
rs186154903	A	C	0.09	0.01	1.3615E-08
rs554637488	T	C	0.1	0.01	1.3616E-08
rs186857587	A	G	0.1	0.01	1.3616E-08
rs560459545	A	G	0.03	0.006777	1.3618E-08
rs770719902	G	A	0.03	0.0066573	1.362E-08
rs577058875	A	G	0.03	0.0063489	1.3622E-08
rs148483020	A	G	0.1	0.01	1.3625E-08
rs150444041	T	C	0.1	0.01	1.3629E-08
rs115482940	A	G	0.17	0.03	1.3641E-08
rs145489862	T	C	0.1	0.01	1.3649E-08
rs542461791	G	C	0.1	0.01	1.3651E-08
rs148535512	T	C	0.05	0.0098192	1.3651E-08
rs372958234	A	G	0.2	0.03	1.3654E-08
rs9718692	T	C	0.11	0.02	1.3654E-08
rs181887134	C	T	0.03	0.0054505	1.3661E-08
rs189161686	A	T	0.05	0.0095849	1.3666E-08
rs79737262	C	T	0.1	0.01	1.3666E-08
rs578176101	G	C	0.18	0.03	1.3668E-08
rs115290791	T	G	0.11	0.02	1.3668E-08
rs114601730	T	C	0.1	0.01	1.3675E-08
rs114129891	C	T	0.05	0.0094788	1.3692E-08
rs572272642	A	G	0.04	0.0071024	1.37E-08
rs115521516	T	C	0.05	0.0095692	1.3705E-08
rs114881678	A	G	0.12	0.02	1.3707E-08
rs559954798	A	G	0.12	0.02	1.3707E-08
rs114376948	A	G	0.1	0.01	1.3708E-08
rs139412011	G	C	0.11	0.01	1.3711E-08
rs149731336	A	G	0.1	0.01	1.3715E-08
rs73690433	A	G	0.05	0.0095204	1.372E-08
rs143355106	T	C	0.05	0.009293	1.3722E-08
rs141015669	G	A	0.17	0.03	1.3722E-08
rs773585936	G	A	0.02	0.0043817	1.3724E-08
rs117639367	G	C	0.17	0.03	1.3728E-08
rs115688343	G	A	0.1	0.01	1.3729E-08
rs139271123	T	G	0.26	0.04	1.3731E-08
rs185452256	T	C	0.11	0.01	1.3731E-08
rs141225018	C	T	0.1	0.01	1.3731E-08
rs577012009	C	A	0.1	0.01	1.3741E-08
rs115069921	C	T	0.06	0.01	1.3741E-08
rs144559688	C	A	0.1	0.01	1.3755E-08
rs116053379	A	G	0.1	0.01	1.3764E-08
rs151266816	G	A	0.1	0.01	1.3764E-08
rs114930230	A	G	0.1	0.01	1.3769E-08
rs140499780	G	C	0.1	0.01	1.3769E-08
rs143345167	T	A	0.1	0.01	1.3774E-08
rs73690432	T	C	0.05	0.0095195	1.3774E-08

rs73690443	C	T	0.05	0.0095191	1.3776E-08
rs112993781	A	G	0.1	0.01	1.3781E-08
rs182484595	G	C	2.41	0.42	1.3782E-08
rs559528658	C	G	0.06	0.01	1.3783E-08
rs569505263	A	T	0.11	0.01	1.3784E-08
rs200305978	T	C	0.09	0.01	1.3788E-08
rs143750879	G	A	1.42	0.25	1.3788E-08
rs142390656	A	G	0.17	0.03	1.38E-08
rs117803394	C	T	0.18	0.03	1.3801E-08
rs73384458	T	C	0.1	0.01	1.3802E-08
rs78641268	A	T	0.1	0.01	1.3803E-08
rs140478800	T	C	0.02	0.0050822	1.3808E-08
rs112523191	A	G	0.1	0.01	1.3815E-08
rs77349399	C	T	0.1	0.01	1.3817E-08
rs116345199	G	A	0.11	0.01	1.3823E-08
4:86971003_A_G	G	A	0.03	0.0060312	1.3824E-08
rs149837492	C	G	0.1	0.01	1.3831E-08
rs149962147	T	G	0.1	0.01	1.384E-08
rs140253756	T	G	0.12	0.02	1.3845E-08
rs143572765	T	C	0.1	0.01	1.3847E-08
rs115139498	A	C	0.09	0.01	1.385E-08
rs558913964	A	C	0.1	0.01	1.385E-08
rs59485567	C	T	0.03	0.0064693	1.385E-08
rs147568558	T	C	0.13	0.02	1.3868E-08
rs140497893	T	A	0.1	0.01	1.3869E-08
rs180730598	T	G	0.1	0.01	1.3869E-08
rs191412158	A	G	0.09	0.01	1.3875E-08
rs77345976	A	C	0.03	0.0065025	1.388E-08
rs116499087	A	G	0.05	0.0091842	1.388E-08
rs150702508	A	C	0.1	0.01	1.3886E-08
rs558739034	C	T	0.1	0.01	1.3888E-08
rs150655136	T	G	0.16	0.02	1.3905E-08
rs114182821	C	T	0.1	0.01	1.3906E-08
rs114626521	C	T	0.09	0.01	1.391E-08
rs374126920	C	G	0.08	0.01	1.3921E-08
rs140458634	C	T	0.11	0.02	1.3922E-08
rs146905568	T	C	0.11	0.02	1.3922E-08
rs139457245	A	G	0.11	0.02	1.3927E-08
rs183351493	G	A	0.11	0.02	1.3927E-08
rs185820837	G	A	0.11	0.02	1.3927E-08
rs554682658	G	A	0.15	0.02	1.3942E-08
rs140461608	G	T	0.11	0.02	1.3954E-08
rs187050618	C	G	0.1	0.01	1.3955E-08
rs140451606	G	A	0.1	0.01	1.3956E-08
rs150588064	T	C	0.1	0.01	1.3956E-08
rs139222620	G	A	0.11	0.02	1.3964E-08
rs142181723	A	G	0.11	0.02	1.3964E-08
rs143491208	G	A	0.11	0.02	1.3964E-08
rs187279073	G	A	0.11	0.02	1.3964E-08
rs112837664	G	T	0.1	0.01	1.3966E-08
rs150649574	A	G	0.05	0.01	1.397E-08
rs116529748	A	C	0.11	0.02	1.3971E-08
rs138395358	A	G	0.11	0.02	1.3972E-08
rs75296137	G	A	0.05	0.0093051	1.3977E-08
rs147608297	A	G	0.1	0.01	1.3984E-08
rs139021126	A	G	0.1	0.01	1.3987E-08
rs150209862	G	T	0.12	0.02	1.3991E-08
rs185222635	C	T	0.75	0.13	1.4003E-08
rs9474864	A	C	0.04	0.0071926	1.4009E-08
rs150239843	A	T	0.12	0.02	1.401E-08
rs551995316	A	G	0.09	0.01	1.401E-08

rs141137055	T	C	0.1	0.01	1.401E-08
rs559572837	A	T	0.03	0.006483	1.4012E-08
rs142966834	G	A	0.12	0.02	1.4019E-08
rs139482908	C	T	0.1	0.01	1.4023E-08
rs112980635	A	G	0.12	0.02	1.4032E-08
rs558328264	A	T	0.19	0.03	1.4036E-08
rs147139088	G	C	0.1	0.01	1.4038E-08
rs186010073	G	A	0.1	0.01	1.4047E-08
rs59371857	A	G	0.03	0.0065023	1.406E-08
rs145962838	C	G	0.18	0.03	1.407E-08
rs189421612	C	T	0.01	0.0034169	1.4075E-08
rs534884192	G	A	0.1	0.01	1.4081E-08
rs587745351	A	T	0.1	0.01	1.4089E-08
rs115622122	C	T	0.12	0.02	1.409E-08
rs112414963	T	C	0.1	0.01	1.4091E-08
rs539938771	G	C	0.06	0.01	1.4098E-08
rs555379374	A	G	0.12	0.02	1.4098E-08
rs16903474	A	G	0.1	0.01	1.4099E-08
rs10084746	C	T	0.1	0.01	1.4105E-08
rs116650055	A	G	0.1	0.01	1.4112E-08
rs183844357	T	C	0.18	0.03	1.4115E-08
rs72874558	A	G	0.26	0.04	1.4121E-08
rs75410900	G	C	0.1	0.01	1.4121E-08
rs187438517	G	A	0.01	0.0026574	1.4121E-08
rs115966168	C	G	0.1	0.01	1.4125E-08
rs114789977	C	T	0.1	0.01	1.4127E-08
rs192869065	T	G	0.1	0.01	1.4131E-08
rs77204151	G	A	0.19	0.03	1.4139E-08
rs59706952	G	C	0.05	0.0095181	1.4142E-08
rs6681252	T	A	0.02	0.003896	1.415E-08
rs111926769	T	C	0.1	0.01	1.4151E-08
rs181391306	A	G	0.14	0.02	1.4156E-08
rs528482781	G	T	0.09	0.01	1.4158E-08
rs148375950	C	T	0.04	0.0080845	1.4165E-08
rs143725648	G	C	0.11	0.02	1.417E-08
rs138467248	A	G	0.1	0.01	1.4174E-08
rs2817886	A	G	0.07	0.01	1.4175E-08
rs548487488	A	T	0.1	0.01	1.4179E-08
rs1630420	A	G	-0.06	0.01	1.4179E-08
rs149152019	T	C	0.2	0.03	1.4181E-08
rs76854405	A	G	0.1	0.01	1.4183E-08
rs147536960	A	C	0.12	0.02	1.4184E-08
rs148141408	G	C	0.1	0.01	1.4186E-08
rs114606608	T	C	0.11	0.02	1.4193E-08
rs143574956	G	A	0.11	0.02	1.4193E-08
rs182396941	T	C	0.11	0.02	1.4193E-08
rs147680657	C	A	0.11	0.02	1.4196E-08
rs115375886	T	G	0.1	0.01	1.4203E-08
rs17048725	C	A	0.12	0.02	1.4208E-08
rs372866894	T	A	0.1	0.01	1.4212E-08
rs752659555	C	T	0.03	0.0066962	1.4217E-08
rs116473254	T	C	0.1	0.01	1.4217E-08
rs752364342	A	C	0.02	0.0041336	1.4222E-08
rs113023896	A	G	0.05	0.009545	1.4229E-08
rs114557111	G	A	0.1	0.01	1.4252E-08
rs145224261	T	A	0.1	0.01	1.4256E-08
rs754561005	T	A	0.03	0.0060502	1.426E-08
rs146789438	A	G	0.03	0.0066951	1.427E-08
rs140508079	C	T	0.1	0.01	1.427E-08
rs60137899	T	C	0.1	0.01	1.4273E-08
rs144946211	G	T	0.1	0.01	1.4276E-08

rs138416096	C	A	0.1	0.01	1.4277E-08
7:3707659_A_C	C	A	0.06	0.01	1.4278E-08
2:8737312_G_T	T	G	0.04	0.008558	1.4288E-08
rs543836774	T	C	0.03	0.0068314	1.4292E-08
rs369345383	C	T	0.11	0.02	1.4292E-08
rs116123949	T	C	0.1	0.01	1.4293E-08
rs79752123	C	G	0.13	0.02	1.4298E-08
rs7549762	C	G	0.11	0.01	1.4301E-08
rs2090605	A	G	0.1	0.01	1.4301E-08
rs78854943	G	A	0.08	0.01	1.4306E-08
rs113269102	T	C	0.1	0.01	1.4308E-08
rs114872957	G	A	0.1	0.01	1.431E-08
rs752332762	C	T	0.02	0.0050782	1.4319E-08
rs112564422	C	A	0.08	0.01	1.4324E-08
rs116119835	C	T	0.1	0.01	1.4333E-08
rs116041878	C	T	0.24	0.04	1.4349E-08
rs116269524	G	A	0.1	0.01	1.4353E-08
rs116069469	C	T	0.1	0.01	1.4357E-08
rs142176343	C	T	0.05	0.0096001	1.4358E-08
rs138013517	T	C	0.1	0.01	1.4359E-08
rs116780412	G	T	0.1	0.01	1.4359E-08
rs151187056	G	C	0.66	0.11	1.4369E-08
rs149581237	A	C	0.28	0.05	1.4373E-08
rs139150645	T	G	0.1	0.01	1.4375E-08
8:17146848_T_A	A	T	0.05	0.01	1.4382E-08
rs191862589	C	G	0.08	0.01	1.441E-08
rs182098538	G	A	0.21	0.03	1.4412E-08
rs113590193	A	G	0.06	0.01	1.442E-08
rs114424745	T	C	0.11	0.02	1.4423E-08
rs538575648	T	C	0.16	0.02	1.4423E-08
rs141621232	T	C	0.05	0.009446	1.4428E-08
rs546373168	T	C	0.14	0.02	1.443E-08
rs77615205	T	C	0.1	0.01	1.4433E-08
rs373155507	T	G	0.12	0.02	1.4435E-08
rs552035158	T	G	0.01	0.0028277	1.4441E-08
rs79069222	T	A	0.02	0.0045737	1.4445E-08
rs565572204	T	C	0.1	0.01	1.4451E-08
rs567406681	G	C	0.04	0.0072117	1.4464E-08
5:29717849_C_G	G	C	0.05	0.0089024	1.4467E-08
rs6850653	A	G	0.1	0.01	1.4497E-08
rs549562761	G	A	0.03	0.0063845	1.4498E-08
rs182063401	T	C	0.14	0.02	1.4503E-08
rs566910489	A	G	0.1	0.01	1.4532E-08
rs6686003	A	G	0.0066687	0.0011768	1.4544E-08
rs565796545	T	A	0.05	0.0096384	1.4546E-08
rs549599199	G	A	0.14	0.02	1.4548E-08
rs552345086	T	C	0.05	0.0092583	1.4549E-08
rs141268251	T	G	0.21	0.03	1.4556E-08
rs73764678	T	A	0.06	0.01	1.4556E-08
rs182997487	T	G	0.12	0.02	1.4558E-08
rs147750961	T	A	0.06	0.01	1.4578E-08
rs147658492	C	T	0.03	0.0065131	1.4582E-08
rs73043489	T	C	0.03	0.0065428	1.4582E-08
rs77139401	A	G	0.06	0.01	1.4589E-08
rs534550294	C	T	0.03	0.0056202	1.459E-08
rs116117364	A	T	0.06	0.01	1.459E-08
rs527623330	G	A	0.1	0.01	1.4592E-08
rs144352756	A	G	0.1	0.01	1.4595E-08
rs1459334	T	C	0.1	0.01	1.4598E-08
rs77390783	C	G	0.03	0.0065179	1.4602E-08
rs149495054	T	C	0.11	0.01	1.4604E-08

rs115894931	G	C	0.08	0.01	1.4605E-08
rs116295905	A	G	0.08	0.01	1.4606E-08
rs138131860	G	A	0.06	0.01	1.461E-08
rs113784921	T	C	0.03	0.0069235	1.4615E-08
rs79531631	T	C	0.1	0.01	1.4618E-08
rs11991470	T	G	0.1	0.01	1.4622E-08
rs568031241	C	A	0.1	0.01	1.4629E-08
rs527608576	A	T	0.05	0.0090348	1.463E-08
rs536112493	T	C	0.02	0.0044364	1.4649E-08
rs192909190	C	T	0.1	0.01	1.4649E-08
rs569417711	C	T	0.11	0.01	1.4653E-08
rs138483729	T	C	0.09	0.01	1.4653E-08
rs115796337	T	C	0.1	0.01	1.466E-08
rs141861212	A	G	0.06	0.01	1.4662E-08
rs146002049	C	G	0.08	0.01	1.4664E-08
rs75565423	T	C	0.1	0.01	1.4675E-08
rs146470708	A	G	0.12	0.02	1.4689E-08
rs540103603	A	G	0.05	0.0095965	1.4698E-08
rs10216349	T	C	0.1	0.01	1.4703E-08
rs181989585	C	G	0.1	0.01	1.4714E-08
rs141237688	A	G	0.1	0.01	1.4715E-08
rs72928891	T	C	0.1	0.01	1.4717E-08
rs61142751	T	C	0.1	0.01	1.4717E-08
rs58522049	C	T	0.1	0.01	1.4717E-08
rs542307699	G	A	0.1	0.01	1.4721E-08
rs72928897	A	G	0.1	0.01	1.4724E-08
rs72928901	C	T	0.1	0.01	1.4724E-08
rs561245917	A	G	0.09	0.01	1.4724E-08
rs138935660	C	T	0.09	0.01	1.4726E-08
rs73884535	A	C	0.21	0.03	1.4729E-08
rs186532823	G	A	0.1	0.01	1.473E-08
rs185678999	A	G	0.11	0.02	1.4731E-08
rs181371374	A	C	0.11	0.02	1.4736E-08
rs146664159	A	C	0.11	0.01	1.4749E-08
rs556294200	A	G	0.1	0.01	1.4754E-08
rs140337174	G	A	0.12	0.02	1.4755E-08
rs76479904	T	C	0.05	0.0094494	1.4769E-08
rs187765567	G	C	0.13	0.02	1.477E-08
rs1198003	C	T	-0.5	0.08	1.4776E-08
rs537393434	T	C	0.08	0.01	1.4783E-08
rs139770890	T	G	0.07	0.01	1.4783E-08
rs138697659	T	C	0.1	0.01	1.4793E-08
rs114719246	T	C	0.03	0.0069067	1.4794E-08
rs116417458	C	A	0.1	0.01	1.4795E-08
rs538893494	C	T	0.05	0.0097463	1.4798E-08
rs147965955	T	G	0.1	0.01	1.48E-08
rs77294067	T	C	0.05	0.0096494	1.4802E-08
rs142502273	C	G	0.11	0.02	1.4805E-08
rs559770051	T	G	0.04	0.0074501	1.4814E-08
rs75120015	T	C	0.1	0.01	1.4815E-08
rs75513082	C	G	0.06	0.01	1.482E-08
rs111981348	T	C	0.15	0.02	1.4822E-08
rs115811343	G	T	0.1	0.01	1.4837E-08
rs79981275	C	T	0.1	0.01	1.4839E-08
rs369890844	T	C	0.05	0.0094292	1.4849E-08
rs551934063	A	G	2.4	0.42	1.4852E-08
rs540464510	T	C	2.4	0.42	1.4852E-08
rs76625266	C	T	0.03	0.0065064	1.4857E-08
rs537523932	A	G	0.04	0.008278	1.4873E-08
rs116248924	T	C	0.01	0.0030432	1.4876E-08
rs186758105	G	A	0.02	0.0036441	1.4881E-08

rs569496956	A	G	0.02	0.0051717	1.4883E-08
rs142300233	C	T	0.1	0.01	1.4885E-08
rs116297955	A	T	0.1	0.01	1.4888E-08
rs146681716	C	T	0.1	0.01	1.4905E-08
rs3807151	A	G	0.09	0.01	1.4907E-08
rs74045144	C	G	0.0066424	0.001173	1.4915E-08
rs116685895	G	A	0.1	0.01	1.4917E-08
rs17155346	G	A	0.1	0.01	1.4919E-08
rs151029954	T	C	0.1	0.01	1.492E-08
rs114813671	G	C	0.1	0.01	1.4921E-08
rs73434906	C	T	0.15	0.02	1.4921E-08
rs140811994	G	A	0.2	0.03	1.4923E-08
rs149210906	A	G	0.1	0.01	1.4932E-08
rs138397417	G	A	0.1	0.01	1.4943E-08
rs137892418	A	G	0.1	0.01	1.4946E-08
rs139580383	A	G	0.45	0.08	1.4946E-08
rs375959359	A	G	0.11	0.01	1.4946E-08
rs78215635	C	T	0.19	0.03	1.4954E-08
rs140812929	G	A	0.05	0.0095496	1.4955E-08
rs187971940	A	T	0.1	0.01	1.4966E-08
rs552491561	A	G	0.06	0.01	1.4969E-08
rs575896182	A	G	0.1	0.01	1.4974E-08
rs747414733	C	T	0.04	0.0071303	1.4976E-08
rs192195045	T	C	0.03	0.0065069	1.4978E-08
rs561256744	C	A	0.01	0.0024381	1.4986E-08
rs76008163	A	G	0.1	0.01	1.4995E-08
rs77783002	C	T	0.1	0.01	1.4998E-08
rs150431918	T	C	0.1	0.01	1.5002E-08
9:137663706_T_C	C	T	0.03	0.0066686	1.5006E-08
rs17172573	A	C	0.05	0.0096836	1.5012E-08
rs150239456	C	T	0.1	0.01	1.5014E-08
rs74807817	G	A	0.1	0.01	1.5017E-08
rs184326722	C	G	0.08	0.01	1.5023E-08
rs112152337	A	G	0.1	0.01	1.5025E-08
rs16901139	C	T	0.1	0.01	1.5025E-08
rs185945237	G	A	0.08	0.01	1.5031E-08
rs3952512	C	T	0.05	0.0094983	1.5031E-08
rs114143404	C	G	0.05	0.0096234	1.5051E-08
rs74412071	C	T	0.04	0.0072737	1.506E-08
rs140742550	C	T	0.1	0.01	1.5061E-08
rs187316199	G	C	0.21	0.03	1.5063E-08
rs536595943	C	T	0.11	0.02	1.5068E-08
rs116367536	T	C	0.1	0.01	1.5068E-08
rs143782129	C	T	0.1	0.01	1.507E-08
rs570209807	C	T	0.12	0.02	1.5078E-08
rs75843949	T	G	0.03	0.0057175	1.5085E-08
rs115298279	A	G	1	0.17	1.5089E-08
rs139616966	G	A	0.1	0.01	1.5091E-08
rs80297518	G	A	0.1	0.01	1.5093E-08
rs149731224	T	C	0.05	0.0098445	1.5095E-08
rs547298346	T	C	0.07	0.01	1.5104E-08
rs142405775	A	G	0.13	0.02	1.5111E-08
rs150760370	T	C	0.1	0.01	1.5118E-08
rs146723524	T	C	0.1	0.01	1.512E-08
rs537551471	C	T	0.1	0.01	1.5121E-08
rs147520575	C	T	0.1	0.01	1.5137E-08
rs370724593	C	A	0.1	0.01	1.5144E-08
rs116396494	A	C	0.1	0.01	1.5145E-08
rs17077216	G	A	0.1	0.01	1.5145E-08
rs76355061	C	T	0.1	0.01	1.5145E-08
rs28742068	C	T	0.1	0.01	1.5155E-08



rs139067538	G	A	0.11	0.02	1.516E-08
rs61733760	T	C	0.12	0.02	1.5161E-08
rs184991893	A	C	0.12	0.02	1.5162E-08
rs192372678	G	C	0.13	0.02	1.5163E-08
rs147246019	G	A	0.13	0.02	1.5167E-08
rs150405668	T	C	0.21	0.03	1.5171E-08
rs115489406	A	G	0.11	0.02	1.5175E-08
rs370961080	G	C	0.17	0.03	1.5175E-08
rs183523087	A	G	0.1	0.01	1.518E-08
rs142437409	G	A	0.14	0.02	1.519E-08
rs181627484	T	A	0.1	0.01	1.5196E-08
rs550956487	T	A	0.1	0.01	1.5211E-08
rs562028131	A	C	0.06	0.01	1.5223E-08
rs75232829	A	G	0.36	0.06	1.5224E-08
rs76457512	G	A	0.05	0.0095494	1.5234E-08
rs116714216	A	G	0.05	0.0094816	1.5249E-08
rs111917550	T	G	0.1	0.01	1.5252E-08
rs9844418	T	A	0.1	0.01	1.5255E-08
rs114828638	C	T	0.1	0.01	1.5261E-08
rs114789745	C	T	0.1	0.01	1.527E-08
rs138843732	C	T	0.1	0.01	1.5273E-08
rs112923886	C	G	0.1	0.01	1.5278E-08
rs59477548	G	A	0.11	0.01	1.528E-08
rs371848140	G	A	0.01	0.0019284	1.5281E-08
rs114402033	G	C	0.12	0.02	1.5285E-08
rs535048909	A	G	0.1	0.01	1.5288E-08
rs549199098	A	C	0.16	0.02	1.5294E-08
rs79719166	G	C	0.1	0.01	1.5296E-08
rs111461899	G	C	0.1	0.01	1.5299E-08
rs186985162	A	G	0.03	0.0065928	1.5303E-08
rs368148480	A	G	0.1	0.01	1.5306E-08
rs10062250	T	C	0.1	0.01	1.5307E-08
rs112770809	C	G	0.12	0.02	1.5307E-08
rs114127114	G	T	0.1	0.01	1.5322E-08
rs60193093	T	C	0.1	0.01	1.5325E-08
rs114777120	C	T	0.1	0.01	1.5326E-08
rs188431789	A	G	0.04	0.0082409	1.5335E-08
rs114364117	G	A	0.1	0.01	1.5342E-08
rs114160336	T	C	0.11	0.02	1.5351E-08
rs148592858	A	G	0.04	0.0088305	1.5356E-08
rs180985580	T	C	0.14	0.02	1.5361E-08
rs114406220	T	A	0.1	0.01	1.5367E-08
rs559232935	A	T	0.11	0.02	1.5384E-08
rs181186899	G	A	0.1	0.01	1.539E-08
rs182613309	A	G	0.05	0.009396	1.54E-08
rs10199659	A	G	0.23	0.04	1.5405E-08
rs556617471	T	C	0.1	0.01	1.5407E-08
rs142312121	G	A	0.17	0.03	1.5413E-08
rs114225952	A	G	0.19	0.03	1.544E-08
rs374158194	C	T	0.1	0.01	1.544E-08
rs116441215	T	C	0.1	0.01	1.5441E-08
rs57346236	A	G	0.1	0.01	1.545E-08
rs116078445	C	G	0.08	0.01	1.545E-08
rs111539782	T	C	0.1	0.01	1.5459E-08
rs147556191	C	T	0.1	0.01	1.546E-08
rs531826959	T	C	0.04	0.0087284	1.5466E-08
rs115918055	G	C	0.1	0.01	1.5468E-08
rs149220521	T	C	0.1	0.01	1.5469E-08
rs143320894	G	A	0.05	0.0094652	1.5475E-08
rs77530408	A	G	0.1	0.01	1.5483E-08
rs564802672	A	G	0.02	0.0050467	1.5488E-08

rs570642551	C	T	0.12	0.02	1.5488E-08
rs41264741	T	G	0.1	0.01	1.5489E-08
rs7735372	C	T	0.11	0.02	1.5493E-08
rs544793178	T	C	0.25	0.04	1.5494E-08
rs144033190	G	A	0.69	0.12	1.5502E-08
rs778368549	C	T	0.04	0.0086446	1.5504E-08
rs80266795	A	G	0.1	0.01	1.5517E-08
rs370817616	G	A	0.15	0.02	1.5529E-08
rs111389509	C	T	0.1	0.01	1.5535E-08
rs140175874	T	C	0.1	0.01	1.5538E-08
rs75511836	G	C	0.1	0.01	1.5565E-08
rs115185573	T	C	0.06	0.01	1.5572E-08
rs1227307	G	T	1.39	0.24	1.5606E-08
rs80163751	T	C	0.03	0.006421	1.5606E-08
rs114853908	T	C	0.06	0.01	1.5625E-08
rs181501749	A	G	0.1	0.01	1.5632E-08
rs537355373	G	C	0.11	0.02	1.5636E-08
rs149036454	G	A	0.05	0.0094458	1.5641E-08
rs111454199	A	G	0.1	0.01	1.5641E-08
rs551620706	A	G	0.1	0.01	1.5641E-08
rs150535379	G	A	0.12	0.02	1.5649E-08
rs144869527	A	G	0.1	0.01	1.5657E-08
rs144574389	T	G	0.1	0.01	1.566E-08
rs553090424	T	C	0.03	0.0068303	1.5686E-08
rs372163833	A	G	0.02	0.0045929	1.5686E-08
rs374459383	C	T	0.14	0.02	1.5689E-08
rs72886004	G	C	0.1	0.01	1.5693E-08
rs78092002	T	C	0.05	0.0094334	1.5693E-08
rs116574308	C	T	0.15	0.02	1.5708E-08
rs746194413	T	C	0.03	0.0054751	1.5715E-08
rs143752713	A	G	0.1	0.01	1.5719E-08
rs142132045	T	C	0.14	0.02	1.5726E-08
rs76647141	G	C	0.1	0.01	1.5733E-08
rs114270266	G	A	0.1	0.01	1.5735E-08
rs78096862	G	T	0.07	0.01	1.5739E-08
rs75893701	G	A	0.19	0.03	1.574E-08
rs188461223	A	C	0.1	0.01	1.5747E-08
rs146165917	T	C	0.1	0.01	1.576E-08
rs537482948	A	G	0.13	0.02	1.5773E-08
rs150641886	G	A	0.02	0.0040546	1.5777E-08
rs749737498	G	A	0.03	0.0053518	1.5781E-08
rs139634079	G	T	0.12	0.02	1.5787E-08
rs73074831	T	C	0.1	0.01	1.5791E-08
5:27343984_C_T	T	C	0.03	0.0059381	1.5795E-08
rs181979094	T	C	0.03	0.0066681	1.5798E-08
rs534998284	A	G	0.1	0.01	1.5805E-08
rs183634333	A	G	0.1	0.01	1.5825E-08
rs545319015	A	G	0.01	0.0034125	1.5828E-08
rs113705126	T	A	0.1	0.01	1.584E-08
rs10053731	C	A	0.1	0.01	1.5846E-08
rs6897686	C	G	0.03	0.0065188	1.5847E-08
rs115585190	T	C	0.1	0.01	1.5849E-08
rs182816959	T	C	0.1	0.01	1.5856E-08
rs72937088	G	A	0.07	0.01	1.586E-08
rs79342419	T	C	0.1	0.01	1.5876E-08
rs147855538	A	G	0.1	0.01	1.5879E-08
rs141376098	C	T	0.11	0.01	1.5882E-08
rs111294546	G	T	0.11	0.02	1.5893E-08
rs114905106	T	C	0.1	0.01	1.5894E-08
rs77335886	A	G	0.17	0.03	1.5896E-08
rs139898390	A	G	0.1	0.01	1.5897E-08

rs115503277	A	G	0.1	0.01	1.5914E-08
rs539265028	T	C	0.04	0.007803	1.5927E-08
rs73694271	T	C	0.05	0.0094178	1.5932E-08
rs573906325	C	T	0.02	0.0050087	1.5935E-08
rs7025960	A	G	0.11	0.01	1.5936E-08
rs188768340	G	C	0.1	0.01	1.5939E-08
rs139333466	T	C	0.19	0.03	1.5945E-08
rs148574033	C	T	0.14	0.02	1.5948E-08
rs76804907	G	C	0.11	0.02	1.5953E-08
4:183330125_A_G	G	A	0.04	0.0073987	1.5953E-08
rs116236220	C	T	0.1	0.01	1.5954E-08
rs189594646	T	C	0.16	0.02	1.5959E-08
rs532630469	G	C	0.1	0.01	1.5966E-08
rs143336434	T	C	0.15	0.02	1.5967E-08
rs531108923	A	T	0.06	0.01	1.5976E-08
rs533095906	T	C	0.11	0.02	1.5981E-08
rs79005189	C	G	0.08	0.01	1.5992E-08
rs189064527	C	T	0.02	0.005015	1.5995E-08
rs559044170	C	T	0.13	0.02	1.6001E-08
rs188428507	C	T	0.12	0.02	1.6002E-08
rs143897744	A	C	0.14	0.02	1.601E-08
rs114295726	T	A	0.1	0.01	1.6015E-08
rs6974813	A	G	0.05	0.01	1.6019E-08
rs563825629	T	C	0.1	0.01	1.6027E-08
rs552536005	A	T	0.12	0.02	1.6029E-08
4:175873275_A_T	T	A	0.04	0.0072326	1.6035E-08
rs143335748	A	G	0.03	0.006783	1.6036E-08
rs186859026	C	T	0.1	0.01	1.6039E-08
rs191887122	T	C	0.12	0.02	1.6042E-08
rs146341326	G	A	0.1	0.01	1.6048E-08
rs148290074	A	C	0.1	0.01	1.6054E-08
rs114705869	G	A	0.21	0.03	1.6058E-08
rs7844791	T	G	0.1	0.01	1.6071E-08
rs563827819	G	C	0.12	0.02	1.6077E-08
rs142472101	A	C	0.02	0.0036992	1.6078E-08
rs61239489	A	G	0.21	0.03	1.608E-08
rs139733549	T	C	0.05	0.0095571	1.6087E-08
rs9998002	A	G	0.11	0.02	1.6088E-08
rs73975681	T	C	0.08	0.01	1.6098E-08
rs77960922	C	T	0.06	0.01	1.6101E-08
rs116173193	C	T	0.07	0.01	1.611E-08
rs115258973	A	G	0.1	0.01	1.6114E-08
rs117076682	T	C	0.42	0.07	1.6115E-08
rs538231679	A	G	0.1	0.01	1.6134E-08
rs116633337	T	C	0.09	0.01	1.6139E-08
rs144310581	C	T	0.1	0.01	1.6141E-08
rs534660288	G	C	0.1	0.01	1.6142E-08
rs13400443	A	T	0.12	0.02	1.6148E-08
rs140002577	T	C	0.01	0.0028172	1.6153E-08
rs144699951	G	T	0.23	0.04	1.6162E-08
rs566190490	T	C	0.09	0.01	1.6169E-08
rs72937082	G	C	0.07	0.01	1.6173E-08
rs144160665	G	A	0.1	0.01	1.6182E-08
rs112573992	G	C	0.03	0.0063282	1.619E-08
rs544905655	T	C	0.23	0.04	1.6191E-08
rs146946657	C	A	0.1	0.01	1.6194E-08
rs186736202	G	A	0.58	0.1	1.6204E-08
rs190067716	T	G	0.11	0.02	1.6212E-08
rs77035547	T	C	0.1	0.01	1.6221E-08
rs115856049	A	G	0.1	0.01	1.6224E-08
rs114917332	C	T	0.1	0.01	1.6227E-08

rs116132728	T	C	0.1	0.01	1.6236E-08
rs116839802	T	C	0.0033973	0.0006015	1.6238E-08
rs539708467	C	G	0.1	0.01	1.624E-08
rs59660163	C	T	0.05	0.0097009	1.6242E-08
rs144923832	G	C	0.1	0.01	1.6244E-08
rs371591743	T	G	0.2	0.03	1.6248E-08
rs534876306	T	C	0.1	0.01	1.6259E-08
rs9474869	A	C	0.04	0.0087201	1.6266E-08
rs116370056	A	G	0.1	0.01	1.6267E-08
rs76335879	A	G	0.03	0.0069264	1.6268E-08
rs139990201	G	A	0.05	0.0095428	1.6271E-08
rs369831600	G	A	0.09	0.01	1.6273E-08
rs73680490	T	C	0.05	0.0094845	1.6296E-08
rs61101785	C	A	0.02	0.0040968	1.6301E-08
rs150309923	A	G	0.1	0.01	1.6303E-08
rs115193037	T	C	0.1	0.01	1.6303E-08
rs74995435	A	C	0.05	0.009519	1.631E-08
rs151263874	A	G	0.95	0.16	1.6321E-08
rs560283343	C	G	0.1	0.01	1.6334E-08
rs115942223	G	A	0.15	0.02	1.6347E-08
rs529607474	T	G	0.03	0.0054772	1.6355E-08
rs112445423	A	G	0.1	0.01	1.6356E-08
rs825532	A	G	0.13	0.02	1.6362E-08
rs146155554	A	G	0.11	0.01	1.6373E-08
rs188025425	T	C	0.08	0.01	1.6376E-08
rs141631492	C	T	0.1	0.01	1.6378E-08
rs367706254	G	T	0.09	0.01	1.638E-08
rs569748489	G	A	0.05	0.0095735	1.6382E-08
rs575012258	T	C	0.04	0.0077095	1.6392E-08
rs184292725	A	G	0.09	0.01	1.6392E-08
5:757466_G_A	A	G	0.04	0.0082993	1.6396E-08
rs550154977	A	G	0.07	0.01	1.6404E-08
rs143160314	T	C	0.08	0.01	1.6408E-08
rs561645209	G	A	0.07	0.01	1.6413E-08
rs139462579	A	G	0.14	0.02	1.6417E-08
rs142466492	G	C	0.1	0.01	1.6423E-08
rs116601333	A	G	0.1	0.01	1.6425E-08
rs146370404	T	G	0.1	0.01	1.6429E-08
rs761795681	A	G	0.03	0.0063981	1.6429E-08
rs191102969	T	G	0.03	0.0063427	1.6434E-08
rs79781591	G	A	0.1	0.01	1.6435E-08
rs750999595	T	C	0.03	0.005456	1.6449E-08
rs115756853	G	A	0.06	0.01	1.6463E-08
rs6557345	C	A	0.12	0.02	1.6475E-08
rs6666228	A	G	0.1	0.01	1.6503E-08
rs571648041	A	G	0.11	0.02	1.6512E-08
rs151012001	C	T	0.05	0.0095536	1.6523E-08
rs150580547	A	G	0.15	0.02	1.6528E-08
rs76995457	G	C	0.11	0.01	1.6532E-08
rs191298933	C	T	0.03	0.0068301	1.6534E-08
rs576440194	A	G	0.03	0.0055633	1.654E-08
rs569575982	T	C	0.03	0.0063779	1.654E-08
rs185889523	A	G	0.15	0.02	1.6544E-08
rs116099797	T	C	0.1	0.01	1.655E-08
rs116391641	C	T	0.1	0.01	1.6572E-08
rs117830890	G	T	0.04	0.0074502	1.6582E-08
rs567889922	T	G	0.05	0.0094794	1.6589E-08
rs11999283	T	C	0.05	0.0093329	1.6593E-08
rs548574206	A	C	0.1	0.01	1.6596E-08
rs74343514	G	A	0.1	0.01	1.6596E-08
rs116601468	G	A	0.1	0.01	1.66E-08

rs184832224	T	G	0.1	0.01	1.6611E-08
rs72926253	A	G	0.01	0.0027042	1.6627E-08
rs146695931	A	G	0.93	0.16	1.6633E-08
rs114627019	A	G	0.14	0.02	1.6651E-08
rs145773299	T	C	0.1	0.01	1.6653E-08
rs17080785	C	G	0.1	0.01	1.6653E-08
rs538781310	T	C	0.1	0.01	1.6655E-08
rs139692696	A	G	0.1	0.01	1.6657E-08
rs151172030	A	C	0.07	0.01	1.6662E-08
rs114154544	A	G	0.11	0.02	1.6666E-08
rs60782840	G	C	0.1	0.01	1.6669E-08
rs549301413	G	C	0.03	0.0059083	1.6696E-08
rs73501827	C	A	0.05	0.0095104	1.6697E-08
rs115024440	G	A	0.1	0.01	1.6699E-08
rs116759721	G	A	0.14	0.02	1.67E-08
rs72998183	G	A	0.16	0.02	1.6704E-08
rs147891261	A	G	0.1	0.01	1.6708E-08
rs191608310	C	A	0.16	0.02	1.6711E-08
rs75755705	T	C	0.06	0.01	1.6713E-08
5:25697395_T_G	G	T	0.04	0.0075226	1.672E-08
rs111333192	T	C	0.09	0.01	1.6735E-08
rs140164144	G	T	0.03	0.0057915	1.6742E-08
rs143449731	C	T	0.1	0.01	1.6753E-08
rs575787658	C	A	0.01	0.003341	1.6766E-08
rs115556315	G	A	0.09	0.01	1.6778E-08
rs371368770	G	A	0.1	0.01	1.6784E-08
rs138399347	A	G	0.11	0.01	1.6785E-08
rs180723561	G	A	0.1	0.01	1.6791E-08
rs116657860	T	C	0.14	0.02	1.6814E-08
rs184378394	G	A	0.05	0.009607	1.6814E-08
rs78069942	C	T	0.03	0.0064895	1.682E-08
rs117298159	A	G	0.11	0.01	1.6824E-08
rs372100388	T	C	0.05	0.0093228	1.6825E-08
rs139087816	G	A	0.13	0.02	1.6832E-08
rs561582506	G	T	0.1	0.01	1.6833E-08
rs566966689	G	C	0.1	0.01	1.6834E-08
rs186843732	T	C	0.1	0.01	1.6835E-08
rs73284876	T	C	0.1	0.01	1.6839E-08
rs76602821	C	T	0.12	0.02	1.6853E-08
rs141186462	A	G	0.09	0.01	1.686E-08
rs189800422	G	A	0.05	0.0094104	1.687E-08
rs79030634	G	T	0.05	0.0093652	1.6878E-08
rs115730007	T	C	0.07	0.01	1.6885E-08
rs149297465	G	A	0.06	0.01	1.6894E-08
rs565161588	G	A	0.02	0.0040873	1.6905E-08
rs544215466	G	A	0.1	0.01	1.6912E-08
rs143755728	T	C	0.05	0.0095329	1.6912E-08
rs571732814	A	G	0.12	0.02	1.6913E-08
rs146630433	T	C	0.07	0.01	1.6919E-08
rs919240	A	G	0.06	0.01	1.6926E-08
rs116795021	A	T	0.03	0.0065094	1.6929E-08
rs750476280	T	C	0.04	0.00727	1.693E-08
rs181040682	A	C	0.22	0.04	1.6938E-08
rs145461477	C	T	0.2	0.03	1.694E-08
rs185947574	A	T	0.02	0.0044788	1.6965E-08
rs138656215	T	G	0.1	0.01	1.6971E-08
rs9729972	C	A	-0.1	0.01	1.6979E-08
rs72939006	A	C	0.08	0.01	1.6989E-08
rs73764693	C	T	0.06	0.01	1.6994E-08
rs116160267	A	C	0.06	0.01	1.6998E-08
rs184176668	A	G	0.05	0.0093993	1.6999E-08

rs568418812	G	A	0.1	0.01	1.7012E-08
rs541337186	A	G	0.04	0.0087813	1.7014E-08
rs576859549	T	C	0.02	0.0050456	1.7018E-08
rs373626181	T	C	0.08	0.01	1.7031E-08
rs111629208	T	C	0.14	0.02	1.7054E-08
rs76834465	A	G	0.1	0.01	1.7059E-08
rs139243024	A	G	0.12	0.02	1.7066E-08
rs546577338	G	C	0.1	0.01	1.7067E-08
rs78479132	G	T	0.1	0.01	1.707E-08
rs530593880	T	C	0.03	0.0063294	1.7075E-08
rs116195649	G	T	0.1	0.01	1.7098E-08
rs150879318	A	G	0.14	0.02	1.7112E-08
rs115830955	A	G	0.11	0.02	1.7117E-08
rs541385982	T	G	0.02	0.0051105	1.712E-08
rs9998030	T	C	0.11	0.02	1.7128E-08
rs114232222	C	G	0.05	0.0094175	1.7139E-08
rs189376966	A	G	0.04	0.0077452	1.7142E-08
rs116502301	G	A	0.1	0.01	1.7151E-08
rs184672687	C	T	0.12	0.02	1.716E-08
rs186450402	T	G	0.58	0.1	1.7166E-08
rs78291329	A	T	0.06	0.01	1.7166E-08
rs111927302	T	C	0.1	0.01	1.7176E-08
rs141041204	C	T	0.1	0.01	1.7178E-08
rs16835153	C	T	0.1	0.01	1.7185E-08
rs113929456	C	A	0.02	0.0046161	1.7187E-08
rs2716849	T	G	0.1	0.01	1.719E-08
rs139519314	A	G	0.19	0.03	1.7197E-08
rs148316520	T	C	0.03	0.0070445	1.7203E-08
rs115118183	G	A	0.1	0.01	1.7222E-08
rs143787019	C	T	0.09	0.01	1.7227E-08
rs566529373	C	G	0.04	0.0077443	1.7228E-08
rs549823438	T	G	0.02	0.0040702	1.7238E-08
rs750038983	A	C	0.04	0.0074359	1.7247E-08
rs138587543	A	G	0.05	0.009505	1.7254E-08
rs116333892	G	T	0.09	0.01	1.7264E-08
rs192431532	T	C	0.11	0.01	1.7275E-08
rs149724154	T	C	0.1	0.01	1.7279E-08
rs76296480	T	C	0.02	0.0049245	1.7282E-08
rs116290474	G	A	0.05	0.0093193	1.7283E-08
rs28742988	T	C	0.03	0.0059991	1.7285E-08
rs73009645	G	A	0.1	0.01	1.7299E-08
rs546284129	C	A	0.05	0.01	1.7336E-08
rs115112601	T	C	0.05	0.0095498	1.7354E-08
rs78803693	T	C	0.1	0.01	1.7359E-08
rs564376928	C	G	0.03	0.0063332	1.7377E-08
rs181389712	G	A	0.06	0.01	1.7378E-08
rs184086172	T	C	0.05	0.0096934	1.7379E-08
rs77210732	A	C	0.05	0.0095009	1.7405E-08
rs192336134	C	T	0.19	0.03	1.7409E-08
rs73764676	C	T	0.06	0.01	1.7416E-08
rs114298348	T	G	0.1	0.01	1.7419E-08
rs146744576	G	A	0.11	0.01	1.7436E-08
rs113632174	T	G	0.14	0.02	1.7437E-08
rs11974120	A	C	0.05	0.0098492	1.7438E-08
rs377310946	G	C	0.1	0.01	1.7439E-08
rs116593883	C	G	0.1	0.01	1.7454E-08
rs79567986	G	C	0.1	0.01	1.7455E-08
rs114305704	C	T	0.1	0.01	1.7463E-08
rs79112756	G	C	0.11	0.02	1.7476E-08
rs73854822	A	G	0.03	0.0064574	1.7481E-08
rs10282710	A	T	0.08	0.01	1.7482E-08

rs560533951	C	T	0.1	0.01	1.7489E-08
rs146995705	A	C	0.1	0.01	1.7492E-08
rs559772812	T	C	0.03	0.0061814	1.7492E-08
rs116576224	G	A	0.13	0.02	1.7498E-08
rs372186835	T	G	0.1	0.01	1.7499E-08
rs370291859	C	T	0.13	0.02	1.7504E-08
rs767093443	T	C	0.02	0.0039494	1.7511E-08
rs567042642	A	G	0.22	0.03	1.7512E-08
rs181448967	A	G	0.09	0.01	1.7531E-08
rs368784988	T	C	0.02	0.0049182	1.7531E-08
rs61742808	A	G	0.1	0.01	1.7531E-08
rs147765946	A	G	0.1	0.01	1.7548E-08
rs144435985	T	C	0.1	0.01	1.755E-08
rs114596174	T	C	0.09	0.01	1.7555E-08
rs372153895	G	A	0.03	0.0060699	1.7563E-08
rs543699432	T	C	0.21	0.03	1.7568E-08
rs7796441	C	A	0.03	0.0064715	1.7569E-08
rs141277477	A	G	0.12	0.02	1.7572E-08
rs140305220	A	G	0.1	0.01	1.7573E-08
rs149539060	A	C	0.1	0.01	1.7583E-08
rs116032380	C	G	0.09	0.01	1.7602E-08
rs558715956	A	G	0.11	0.02	1.7607E-08
rs587685874	C	T	0.11	0.02	1.7611E-08
rs144918107	A	G	0.1	0.01	1.7617E-08
rs113713663	T	G	0.1	0.01	1.7636E-08
rs144635928	T	A	0.12	0.02	1.764E-08
rs146894092	T	C	0.03	0.0068907	1.7641E-08
rs184745797	G	A	0.06	0.01	1.7649E-08
rs186690212	G	T	0.05	0.0093553	1.7659E-08
rs149900423	A	G	0.1	0.01	1.7684E-08
rs187638681	A	G	0.11	0.02	1.7684E-08
rs140836764	T	C	0.24	0.04	1.7696E-08
rs191629445	T	C	0.05	0.01	1.771E-08
rs6933148	C	T	0.1	0.01	1.7711E-08
rs185256201	C	G	0.1	0.01	1.7734E-08
rs143827978	A	G	0.12	0.02	1.7737E-08
rs75283845	T	C	0.1	0.01	1.7749E-08
rs10017847	A	C	0.11	0.02	1.7754E-08
rs73265597	G	A	0.05	0.0097272	1.7754E-08
rs139177868	G	A	0.1	0.01	1.7763E-08
rs137885030	T	C	0.15	0.02	1.7771E-08
rs374860077	A	G	0.1	0.01	1.7782E-08
rs566414498	C	G	0.01	0.003336	1.7785E-08
rs11982592	T	C	0.05	0.0095121	1.7787E-08
rs571061982	A	G	0.1	0.01	1.7787E-08
rs139315851	A	G	0.1	0.01	1.779E-08
rs150947847	G	C	0.1	0.01	1.7797E-08
rs143084583	A	G	0.2	0.03	1.7801E-08
rs78639368	T	C	0.19	0.03	1.7814E-08
rs190303055	T	C	0.27	0.04	1.7818E-08
rs574603192	C	T	0.13	0.02	1.7827E-08
rs117686719	A	G	0.1	0.01	1.7831E-08
rs558968015	A	G	0.04	0.0076836	1.7832E-08
rs587609331	T	C	0.03	0.0057774	1.7844E-08
rs188703449	A	G	0.06	0.01	1.7852E-08
rs182036536	T	A	0.02	0.0046154	1.7853E-08
rs182324917	G	A	0.1	0.01	1.7862E-08
rs373407810	G	A	0.1	0.01	1.7866E-08
rs184762376	G	A	0.1	0.01	1.7873E-08
rs140483741	A	G	0.11	0.02	1.7873E-08
rs17029660	A	G	0.03	0.0070317	1.788E-08

rs137984250	G	A	0.09	0.01	1.7887E-08
rs116231638	C	A	0.09	0.01	1.7887E-08
rs116670735	C	T	0.1	0.01	1.789E-08
rs114461850	A	G	0.09	0.01	1.789E-08
rs191585843	T	A	0.1	0.01	1.7895E-08
rs116834132	C	T	0.1	0.01	1.7899E-08
rs114147804	A	C	0.1	0.01	1.7908E-08
rs193269663	A	G	0.05	0.0097467	1.7909E-08
rs115784878	A	G	0.1	0.01	1.7923E-08
rs182888749	A	C	0.07	0.01	1.7937E-08
rs56788826	A	G	0.07	0.01	1.7949E-08
rs561814796	C	A	0.39	0.06	1.797E-08
rs115630538	C	G	0.06	0.01	1.7976E-08
rs57576344	T	C	0.1	0.01	1.7977E-08
rs114031773	T	C	0.1	0.01	1.7988E-08
rs192202590	A	G	0.12	0.02	1.8005E-08
rs149583958	T	A	0.1	0.01	1.8009E-08
rs115150337	G	A	0.05	0.009336	1.8009E-08
rs77229708	C	A	0.05	0.009336	1.8009E-08
rs78893975	A	G	0.05	0.009336	1.8009E-08
rs140048066	C	A	0.1	0.01	1.8028E-08
rs571879679	G	A	0.12	0.02	1.8039E-08
rs7030747	C	G	0.1	0.01	1.8041E-08
rs142793984	A	G	0.1	0.01	1.8047E-08
rs114343154	A	C	0.1	0.01	1.8053E-08
rs148946617	T	G	0.1	0.01	1.8069E-08
rs572314890	T	C	0.03	0.0067941	1.8076E-08
rs115034882	C	T	0.05	0.0093349	1.8076E-08
rs74751109	C	T	0.05	0.0093349	1.8076E-08
rs75492037	T	C	0.05	0.0093349	1.8078E-08
rs76700262	G	T	0.05	0.0093349	1.8078E-08
rs372835629	C	A	0.1	0.01	1.8079E-08
rs77283892	G	A	0.12	0.02	1.8086E-08
rs145065282	T	C	0.06	0.01	1.8088E-08
rs182872185	C	T	0.03	0.0066118	1.8089E-08
rs10199571	A	G	0.23	0.04	1.8091E-08
rs115182908	A	G	0.1	0.01	1.8096E-08
rs115266010	T	C	0.1	0.01	1.8103E-08
rs375679582	A	G	0.05	0.0093558	1.8105E-08
rs75678444	G	T	0.02	0.0048916	1.8109E-08
rs115557094	A	G	0.1	0.01	1.8114E-08
rs7685440	T	C	0.1	0.01	1.8131E-08
rs183858941	G	A	0.1	0.01	1.8144E-08
rs751048414	T	C	0.01	0.0021989	1.8158E-08
rs185215206	C	G	0.08	0.01	1.8167E-08
rs115385196	T	G	0.06	0.01	1.8168E-08
10:15591276_C_A	A	C	0.03	0.0062033	1.8173E-08
rs73648625	G	A	0.11	0.02	1.8174E-08
rs114865279	C	T	0.06	0.01	1.8182E-08
rs117917911	T	C	0.13	0.02	1.8197E-08
rs180853972	T	C	0.05	0.01	1.8205E-08
rs113018092	A	G	0.13	0.02	1.8208E-08
rs540861953	C	A	0.13	0.02	1.8225E-08
rs60179082	A	G	0.1	0.01	1.8226E-08
rs144938274	C	T	0.1	0.01	1.8251E-08
rs75174553	A	G	0.1	0.01	1.8252E-08
rs115551146	C	G	0.09	0.01	1.8259E-08
6:149804617_C_T	T	C	0.06	0.01	1.8272E-08
rs78025369	G	A	0.11	0.02	1.8273E-08
rs1443776	T	C	0.15	0.02	1.8276E-08
rs534688053	G	T	0.1	0.01	1.8279E-08



rs191495296	A	T	0.21	0.03	1.8281E-08
rs10231559	G	A	0.05	0.0096981	1.8282E-08
rs188262872	A	G	0.17	0.03	1.8284E-08
rs73764688	G	T	0.06	0.01	1.8284E-08
rs543574201	G	A	0.05	0.01	1.8286E-08
rs528876990	T	C	0.06	0.01	1.8288E-08
rs116546511	T	G	0.03	0.0066181	1.8297E-08
rs188247292	A	G	0.06	0.01	1.8307E-08
rs116310737	C	T	0.03	0.0064833	1.8313E-08
rs560188609	A	G	0.06	0.01	1.8317E-08
rs57473301	A	G	0.05	0.0093351	1.8324E-08
rs116572415	A	G	0.1	0.01	1.833E-08
rs59002223	A	G	0.06	0.01	1.8337E-08
rs147298275	T	C	0.13	0.02	1.8358E-08
rs73674243	T	G	0.06	0.01	1.836E-08
rs530795371	T	C	0.1	0.01	1.8361E-08
rs186057869	A	G	0.1	0.01	1.8361E-08
rs375018053	C	T	0.1	0.01	1.8366E-08
rs7871762	G	C	0.05	0.0092804	1.8369E-08
rs554225434	C	T	0.09	0.01	1.837E-08
rs148629306	T	G	0.1	0.01	1.8374E-08
rs115617188	A	G	0.09	0.01	1.8386E-08
rs145809815	A	G	0.1	0.01	1.84E-08
rs542171919	T	A	0.1	0.01	1.8402E-08
rs114488958	A	C	0.1	0.01	1.8402E-08
rs145988348	C	T	0.03	0.0063405	1.8421E-08
rs148192596	A	C	0.1	0.01	1.8437E-08
rs145775732	T	C	0.11	0.02	1.8444E-08
rs370612990	C	A	0.05	0.009377	1.8445E-08
rs139441511	C	T	0.1	0.01	1.8447E-08
rs9832723	A	G	0.1	0.01	1.845E-08
rs114637330	T	C	0.1	0.01	1.846E-08
rs116330525	A	G	0.1	0.01	1.8461E-08
rs79138987	C	T	0.05	0.0093811	1.849E-08
rs186410158	A	T	0.38	0.06	1.8495E-08
rs76488556	T	C	0.1	0.01	1.8527E-08
rs115393935	G	T	0.02	0.0041533	1.8549E-08
rs191402368	T	C	0.1	0.01	1.8555E-08
rs115927879	T	G	0.09	0.01	1.8558E-08
rs115885291	A	C	0.1	0.01	1.856E-08
rs184583848	T	A	0.13	0.02	1.8591E-08
rs3734559	T	C	0.07	0.01	1.8592E-08
rs79642933	G	C	0.05	0.0095552	1.8592E-08
rs533959850	G	T	0.1	0.01	1.8617E-08
rs142732928	C	T	0.11	0.02	1.8619E-08
rs528028177	A	G	0.05	0.01	1.8628E-08
rs143350035	G	A	0.06	0.01	1.863E-08
rs116224823	G	C	0.05	0.01	1.8639E-08
rs150061522	T	C	0.11	0.01	1.8639E-08
rs76797165	T	C	0.1	0.01	1.8641E-08
rs569232566	G	T	0.05	0.0096445	1.8645E-08
rs9868676	A	T	0.02	0.005207	1.8646E-08
rs148266857	C	G	0.1	0.01	1.8652E-08
rs577960738	T	C	0.1	0.01	1.8652E-08
rs190236988	C	G	0.1	0.01	1.8656E-08
rs149485970	T	C	0.1	0.01	1.8657E-08
rs77562259	T	A	0.14	0.02	1.8657E-08
rs149797545	A	T	0.1	0.01	1.8658E-08
rs13400972	C	T	0.1	0.01	1.867E-08
rs547932026	C	T	0.05	0.0099884	1.868E-08
rs542205430	C	A	0.02	0.0052694	1.869E-08

rs12634885	A	G	0.01	0.0026762	1.8695E-08
rs116508009	C	G	0.1	0.01	1.8695E-08
rs2068715	T	C	0.1	0.01	1.8696E-08
rs192524628	A	G	0.1	0.01	1.8703E-08
rs78945378	T	C	0.14	0.02	1.8709E-08
rs377287567	C	T	0.1	0.01	1.8732E-08
rs188682251	T	C	0.1	0.01	1.8743E-08
rs9851259	T	G	0.02	0.0052073	1.875E-08
rs147370393	T	G	0.1	0.01	1.8755E-08
rs186148244	G	C	0.05	0.0096201	1.8766E-08
rs150199565	A	C	2.65	0.47	1.8767E-08
rs113902179	G	C	0.08	0.01	1.8768E-08
rs112009937	G	T	0.08	0.01	1.8768E-08
rs182864620	T	C	0.02	0.0050707	1.8772E-08
rs187045357	T	C	0.1	0.01	1.8797E-08
rs138867000	A	G	0.11	0.02	1.8805E-08
rs189945503	G	C	0.21	0.03	1.8806E-08
rs77065533	A	G	0.1	0.01	1.8811E-08
rs114254125	C	T	0.03	0.0064516	1.882E-08
rs147543064	C	T	0.11	0.01	1.883E-08
rs77822730	G	A	0.01	0.0027148	1.885E-08
rs140815337	A	G	0.1	0.01	1.8853E-08
rs74710564	G	A	0.09	0.01	1.8856E-08
rs192120212	A	G	0.1	0.01	1.8864E-08
rs542263296	G	A	0.1	0.01	1.8867E-08
rs115679241	C	T	0.1	0.01	1.8875E-08
rs570804063	G	A	0.02	0.0050002	1.8885E-08
rs148093147	G	C	1.4	0.24	1.8918E-08
rs115347220	T	C	0.1	0.01	1.8931E-08
rs548849512	T	C	0.05	0.0090613	1.894E-08
rs72939010	G	T	0.08	0.01	1.8945E-08
rs561260350	A	G	0.1	0.01	1.8948E-08
rs75043423	A	G	0.08	0.01	1.8955E-08
rs7647844	C	T	0.02	0.0052063	1.8964E-08
rs150773993	A	T	0.1	0.01	1.8968E-08
rs536554169	G	C	0.02	0.0052399	1.8978E-08
rs139626520	A	G	0.1	0.01	1.898E-08
rs73236797	T	C	0.13	0.02	1.8988E-08
rs9464084	A	T	0.04	0.0086801	1.899E-08
rs77866236	G	A	0.05	0.01	1.8998E-08
rs116730710	C	T	0.1	0.01	1.9012E-08
rs144271359	T	C	0.05	0.0097206	1.9013E-08
rs577393853	T	A	0.1	0.01	1.9015E-08
rs75509688	A	C	0.05	0.0095624	1.9026E-08
rs17081942	G	A	0.13	0.02	1.9026E-08
3:130652139_A_G	G	A	0.05	0.009579	1.9027E-08
rs191123181	A	G	0.03	0.0064155	1.9049E-08
rs76722216	C	T	0.03	0.0068746	1.905E-08
rs116647184	G	A	0.05	0.0094656	1.9058E-08
rs552595762	C	A	0.05	0.0092591	1.9061E-08
rs539797548	C	A	0.11	0.02	1.9068E-08
rs74673468	C	T	0.03	0.0064537	1.9068E-08
rs535975388	A	G	0.04	0.0086258	1.9078E-08
rs115267146	A	G	0.1	0.01	1.9082E-08
rs58329518	G	T	0.1	0.01	1.9093E-08
rs115173940	T	C	0.13	0.02	1.9106E-08
rs7516025	G	C	0.1	0.01	1.9109E-08
rs147084167	G	A	0.04	0.0083295	1.911E-08
rs756078283	C	T	0.03	0.0055589	1.9121E-08
rs576348664	C	T	0.02	0.0044449	1.9134E-08
rs7341394	T	G	0.1	0.01	1.9135E-08

rs542134035	C	T	0.03	0.0071165	1.9141E-08
rs2053866	T	C	0.04	0.0079895	1.9157E-08
rs114307533	T	C	0.1	0.01	1.9162E-08
rs183821105	G	T	0.11	0.02	1.9165E-08
rs147743808	G	C	0.03	0.0064564	1.9166E-08
rs143517089	T	C	0.05	0.0093591	1.9173E-08
rs149891605	T	C	0.14	0.02	1.9173E-08
rs147616035	T	C	0.19	0.03	1.918E-08
rs115608737	T	G	0.1	0.01	1.9184E-08
rs73333017	A	C	0.05	0.0096514	1.9199E-08
rs181771849	G	A	0.05	0.0097072	1.9201E-08
rs184804466	G	A	0.1	0.01	1.9203E-08
rs867955790	T	C	0.02	0.0044539	1.9223E-08
rs569913728	G	A	0.1	0.01	1.9231E-08
rs556284522	C	T	0.1	0.01	1.9237E-08
rs569445628	T	C	0.13	0.02	1.9239E-08
rs188167385	G	A	0.06	0.01	1.9249E-08
rs11980294	A	G	0.03	0.006509	1.9262E-08
rs191417241	T	C	0.12	0.02	1.9263E-08
rs75750460	T	A	0.11	0.02	1.9265E-08
rs144231348	T	C	0.13	0.02	1.9266E-08
rs151013270	A	C	0.1	0.01	1.9272E-08
rs369578268	T	C	0.1	0.01	1.9279E-08
rs553847151	C	G	0.05	0.01	1.9279E-08
rs537851591	G	T	0.05	0.01	1.9283E-08
rs10000725	A	G	0.13	0.02	1.9299E-08
rs187391937	G	A	0.1	0.01	1.9312E-08
rs151092712	A	G	0.1	0.01	1.9315E-08
rs115931318	T	C	0.09	0.01	1.9317E-08
rs9841894	T	C	0.1	0.01	1.9331E-08
rs142480845	G	A	0.09	0.01	1.9334E-08
rs186473918	A	G	0.2	0.03	1.9338E-08
rs561701029	A	G	0.03	0.0059066	1.9347E-08
rs75518304	G	A	0.07	0.01	1.9348E-08
rs571751204	A	T	0.02	0.0049923	1.9357E-08
rs76836003	C	G	0.1	0.01	1.9358E-08
rs146339312	A	G	0.19	0.03	1.9366E-08
rs7751433	A	G	0.1	0.01	1.9375E-08
rs139958808	A	G	0.12	0.02	1.9376E-08
rs182095852	A	G	0.1	0.01	1.9382E-08
rs7796458	C	A	0.03	0.0064559	1.9395E-08
rs57653365	C	T	0.05	0.0094983	1.9402E-08
rs114921026	T	A	0.1	0.01	1.9406E-08
rs59491638	A	G	0.1	0.01	1.9406E-08
rs147131192	C	T	0.04	0.0085163	1.9408E-08
rs139559509	G	A	0.1	0.01	1.9417E-08
rs148568278	T	C	0.1	0.01	1.942E-08
rs115576204	G	A	0.1	0.01	1.942E-08
rs148227421	T	A	0.04	0.0071824	1.9422E-08
rs567535706	T	C	0.16	0.02	1.9432E-08
rs6691270	G	C	0.1	0.01	1.9433E-08
rs6694064	T	C	0.1	0.01	1.9435E-08
rs1031324	T	C	-0.04	0.0072937	1.9435E-08
rs114376339	G	T	0.1	0.01	1.9443E-08
rs114765966	T	C	0.1	0.01	1.9444E-08
rs143907035	T	G	0.1	0.01	1.9452E-08
rs546647443	T	G	0.05	0.0092143	1.9453E-08
rs116206238	G	A	0.1	0.01	1.9454E-08
rs115837127	T	A	0.21	0.03	1.9472E-08
rs114904825	T	C	0.05	0.0098398	1.9474E-08
rs752106391	A	C	0.01	0.0021849	1.9478E-08

rs116462245	C	A	0.11	0.02	1.9481E-08
rs115434073	G	A	0.1	0.01	1.9507E-08
rs10224544	A	C	0.04	0.0079974	1.9526E-08
rs77711447	C	G	0.11	0.01	1.954E-08
rs528107087	T	C	0.11	0.02	1.9545E-08
3:72933906_C_T	T	C	0.02	0.0048762	1.9581E-08
rs144685938	C	G	0.12	0.02	1.9587E-08
rs116279026	A	G	0.08	0.01	1.9593E-08
rs10174854	T	C	0.1	0.01	1.9611E-08
rs114928444	A	G	0.05	0.0092155	1.9618E-08
rs529788137	A	G	0.06	0.01	1.9647E-08
rs78417038	C	A	0.1	0.01	1.9649E-08
rs116101577	G	C	0.1	0.01	1.9663E-08
rs117786198	A	C	0.2	0.03	1.9667E-08
rs79697884	T	C	0.1	0.01	1.9691E-08
rs143259783	G	A	0.1	0.01	1.9702E-08
rs146017621	A	G	0.13	0.02	1.9724E-08
rs190264842	A	C	0.08	0.01	1.9729E-08
rs563038705	C	T	0.03	0.0057966	1.9735E-08
rs372250397	A	G	0.1	0.01	1.9746E-08
rs75383193	A	G	0.04	0.0083536	1.9768E-08
rs574572327	A	G	0.07	0.01	1.9782E-08
rs140350729	T	G	0.03	0.0066444	1.9784E-08
rs144829978	T	C	0.03	0.0066444	1.9784E-08
rs61752806	A	G	0.03	0.0064628	1.9791E-08
rs73768572	G	C	0.07	0.01	1.9792E-08
rs6696482	G	C	0.1	0.01	1.9796E-08
rs185969938	G	C	0.06	0.01	1.9797E-08
rs116603236	T	C	0.1	0.01	1.9802E-08
rs112448173	A	G	0.09	0.01	1.9807E-08
8:94817581_G_A	A	G	0.06	0.01	1.9823E-08
rs377067563	G	C	0.1	0.01	1.9834E-08
rs145255878	A	G	0.09	0.01	1.9841E-08
rs549089732	A	G	0.1	0.01	1.9843E-08
rs79956948	T	C	0.03	0.0064567	1.9848E-08
rs151056227	A	G	0.12	0.02	1.9848E-08
rs74419377	T	A	0.02	0.004908	1.9861E-08
rs183555010	C	T	0.12	0.02	1.9864E-08
rs114314571	A	C	0.12	0.02	1.9873E-08
rs147207242	C	T	0.1	0.01	1.9876E-08
rs114338410	A	C	0.14	0.02	1.9881E-08
rs114112915	G	A	0.06	0.01	1.9892E-08
rs527850680	T	A	0.01	0.0030527	1.9907E-08
rs117833166	G	C	0.18	0.03	1.9909E-08
rs575904668	T	G	0.03	0.0060592	1.9913E-08
rs559254309	C	A	0.09	0.01	1.9919E-08
rs114342820	T	C	0.13	0.02	1.992E-08
rs11919265	A	G	0.1	0.01	1.9948E-08
rs79867508	C	T	0.29	0.05	1.9957E-08
rs28418606	C	T	0.1	0.01	1.9961E-08
rs191009336	T	C	0.16	0.02	1.9976E-08
rs564533233	A	G	0.1	0.01	1.9982E-08
rs540766156	A	G	0.05	0.0093568	1.9993E-08
rs114595332	A	G	0.1	0.01	2.0002E-08
rs73750367	T	C	0.8	0.14	2.0005E-08
rs184631470	T	C	0.1	0.01	2.0012E-08
rs147305118	G	T	0.05	0.01	2.0013E-08
rs780573653	G	C	0.02	0.0040215	2.0025E-08
rs540144940	C	A	0.1	0.01	2.0026E-08
rs565590089	T	C	0.04	0.0075038	2.0029E-08
rs185428404	G	A	0.1	0.01	2.0031E-08

rs138356819	G	A	0.1	0.01	2.0036E-08
rs147384353	T	C	0.09	0.01	2.0041E-08
rs114710413	G	T	0.1	0.01	2.0041E-08
rs148692756	T	C	0.1	0.01	2.0047E-08
rs79059906	G	A	0.08	0.01	2.005E-08
rs147714154	A	G	0.03	0.007025	2.0051E-08
rs75656912	A	G	0.05	0.0094462	2.0052E-08
rs144844799	A	G	0.07	0.01	2.0061E-08
rs139863655	C	T	0.1	0.01	2.0064E-08
rs145431716	A	G	0.1	0.01	2.0074E-08
rs112088893	A	G	0.1	0.01	2.0083E-08
rs115103411	T	C	0.03	0.0064551	2.0084E-08
rs150737326	A	G	0.1	0.01	2.0084E-08
rs145910452	G	A	0.1	0.01	2.009E-08
rs138918205	T	C	0.1	0.01	2.009E-08
rs535007218	G	A	0.1	0.01	2.009E-08
rs149165797	G	T	0.1	0.01	2.009E-08
rs543776991	C	T	0.1	0.01	2.009E-08
rs140472060	G	T	0.1	0.01	2.009E-08
rs140037955	C	A	0.1	0.01	2.0097E-08
rs150772527	G	T	0.1	0.01	2.0097E-08
rs114454073	G	A	0.1	0.01	2.0097E-08
rs144922762	C	G	0.1	0.01	2.0097E-08
rs146828717	C	G	0.1	0.01	2.0104E-08
rs149540446	G	A	0.1	0.01	2.0104E-08
rs540638813	A	T	0.1	0.01	2.0104E-08
rs72971166	C	A	0.1	0.01	2.0105E-08
rs112030099	T	C	0.14	0.02	2.0106E-08
rs765767899	T	C	0.05	0.0096053	2.0108E-08
rs116643645	A	C	0.06	0.01	2.011E-08
rs141239473	T	C	0.1	0.01	2.0117E-08
rs138374661	T	G	0.11	0.02	2.0125E-08
rs145836060	A	G	0.34	0.06	2.0144E-08
rs113672389	C	T	0.14	0.02	2.0148E-08
rs75964686	A	T	0.15	0.02	2.0153E-08
rs115277410	A	G	0.1	0.01	2.0156E-08
rs149360493	G	C	0.11	0.02	2.0157E-08
rs116615993	G	A	0.1	0.01	2.016E-08
rs115516955	G	A	0.1	0.01	2.0164E-08
rs114557991	A	G	0.1	0.01	2.0167E-08
rs145929926	A	C	0.1	0.01	2.0203E-08
rs114573178	G	C	0.1	0.01	2.0205E-08
rs143665582	A	G	0.1	0.01	2.0218E-08
rs566098387	A	G	0.05	0.0090427	2.0224E-08
rs75060566	G	T	0.1	0.01	2.0226E-08
rs56843573	A	G	0.05	0.009616	2.0227E-08
rs61080835	G	A	0.27	0.04	2.0231E-08
rs9487923	T	C	0.03	0.006537	2.0237E-08
rs148970115	G	A	0.1	0.01	2.0241E-08
rs115367387	C	T	0.1	0.01	2.0243E-08
rs7586984	T	C	0.04	0.0075422	2.0248E-08
rs757498897	A	C	0.01	0.0023317	2.0263E-08
rs536929829	T	C	0.1	0.01	2.027E-08
rs116659277	C	T	0.1	0.01	2.0278E-08
rs114027095	A	G	0.1	0.01	2.0296E-08
rs184518266	A	G	0.14	0.02	2.0299E-08
rs6972252	G	A	0.05	0.01	2.0307E-08
rs74437482	C	A	0.03	0.0064534	2.0314E-08
rs560666325	A	G	0.08	0.01	2.0317E-08
rs74751129	G	T	0.05	0.01	2.0319E-08
rs546768368	C	T	0.02	0.0045313	2.0327E-08

rs113593699	T	C	0.1	0.01	2.0334E-08
rs76986653	G	A	0.05	0.01	2.0337E-08
rs145002462	A	G	0.05	0.0089307	2.0337E-08
rs561983661	T	A	0.09	0.01	2.0344E-08
rs114854633	A	G	0.08	0.01	2.0349E-08
rs76743334	T	C	0.06	0.01	2.0356E-08
rs74368975	T	C	0.05	0.0095936	2.0357E-08
rs567663656	A	G	0.1	0.01	2.0364E-08
rs942542	A	G	0.1	0.01	2.0369E-08
rs115090975	T	G	0.06	0.01	2.0383E-08
rs536280344	C	T	0.11	0.01	2.0384E-08
rs79096137	T	G	0.1	0.01	2.0386E-08
rs545658825	T	C	0.1	0.01	2.0392E-08
rs79159230	T	C	0.07	0.01	2.0402E-08
rs548601584	G	C	0.03	0.0056065	2.041E-08
rs113881002	C	G	0.03	0.0065837	2.0412E-08
rs142869591	G	T	0.03	0.0063257	2.0415E-08
rs6721940	A	C	-0.1	0.01	2.0416E-08
rs148305010	G	A	0.03	0.0063257	2.0417E-08
rs59314727	G	A	0.1	0.01	2.042E-08
rs531417291	T	C	0.11	0.02	2.042E-08
rs551527924	A	G	0.2	0.03	2.0442E-08
rs143531145	T	C	0.1	0.01	2.0448E-08
rs555720763	G	T	0.21	0.03	2.0454E-08
rs80208987	T	C	0.05	0.0093561	2.0458E-08
rs148926164	T	G	0.07	0.01	2.0477E-08
rs146497359	T	C	0.07	0.01	2.0498E-08
rs781832639	G	A	0.05	0.0089714	2.0507E-08
rs147754620	A	G	0.11	0.01	2.0521E-08
rs569739276	G	A	0.19	0.03	2.0523E-08
rs115768786	A	G	0.1	0.01	2.0536E-08
rs1689852	C	T	-0.03	0.0059207	2.0536E-08
rs74420195	T	G	0.1	0.01	2.0539E-08
rs73108384	A	G	0.13	0.02	2.0574E-08
rs182826798	C	T	0.05	0.0092095	2.0621E-08
rs74336944	C	G	0.06	0.01	2.0622E-08
rs79922976	G	C	0.1	0.01	2.0623E-08
rs114606572	C	T	0.1	0.01	2.0641E-08
rs556954311	G	A	0.21	0.03	2.0648E-08
rs112086341	C	T	0.02	0.0052707	2.066E-08
rs115376246	T	A	0.1	0.01	2.0662E-08
rs184585988	T	A	0.1	0.01	2.0665E-08
rs141480219	T	G	0.12	0.02	2.0667E-08
rs75914361	C	T	0.1	0.01	2.0675E-08
rs537635348	T	C	2.37	0.42	2.0676E-08
rs45521437	T	C	0.18	0.03	2.068E-08
rs531659866	G	A	0.17	0.03	2.0696E-08
rs10465710	A	G	0.1	0.01	2.0701E-08
rs562387337	A	T	0.03	0.0067275	2.0718E-08
rs76115218	G	A	0.04	0.0079065	2.073E-08
rs139159417	G	C	0.05	0.0093446	2.0744E-08
rs116134929	G	A	0.1	0.01	2.0746E-08
rs325457	T	C	0.1	0.01	2.0753E-08
rs191395249	C	G	8.68	1.54	2.0764E-08
rs571227985	C	A	0.1	0.01	2.0808E-08
rs139982615	G	T	0.1	0.01	2.0824E-08
rs111941541	G	C	0.1	0.01	2.0824E-08
rs112822770	T	A	0.23	0.04	2.083E-08
rs79183043	T	C	0.1	0.01	2.0836E-08
rs145492919	C	G	0.06	0.01	2.0839E-08
rs116041306	C	T	0.1	0.01	2.084E-08

rs138615921	T	C	0.07	0.01	2.0853E-08
rs575561825	T	C	0.1	0.01	2.0856E-08
rs2876929	T	C	0.06	0.01	2.0859E-08
rs115637936	G	A	0.14	0.02	2.087E-08
rs79705132	A	G	0.09	0.01	2.0879E-08
rs115604843	A	G	0.1	0.01	2.0889E-08
rs182928727	A	G	0.03	0.0069064	2.0901E-08
rs77877216	G	A	0.11	0.02	2.0902E-08
rs775435262	G	A	0.02	0.0049071	2.0909E-08
rs188855697	C	T	0.2	0.03	2.0912E-08
rs188313650	T	C	0.12	0.02	2.0917E-08
rs16937533	A	G	0.05	0.0099742	2.0919E-08
rs150882819	G	T	0.03	0.0059367	2.0929E-08
rs756783145	G	A	0.03	0.0062863	2.0938E-08
rs141180821	T	C	0.14	0.02	2.0947E-08
rs142166818	A	C	0.1	0.01	2.0956E-08
rs144261544	G	A	0.06	0.01	2.0958E-08
rs114184938	C	T	0.05	0.0093404	2.0958E-08
rs771513413	C	T	0.02	0.0049699	2.0971E-08
rs766698600	T	C	0.04	0.0081674	2.0972E-08
rs574856872	T	C	0.01	0.0034932	2.0975E-08
rs527427379	C	T	0.02	0.0036095	2.0978E-08
rs142743736	G	A	0.08	0.01	2.0979E-08
rs562613032	A	G	0.1	0.01	2.0981E-08
rs16876614	A	G	0.1	0.01	2.099E-08
rs147463459	A	G	0.03	0.0064461	2.0991E-08
rs770066018	T	C	0.03	0.0056482	2.0997E-08
rs79841423	C	T	0.21	0.03	2.0998E-08
rs6972235	T	A	0.05	0.0099683	2.0998E-08
rs528072536	T	C	0.1	0.01	2.1002E-08
rs73006965	C	T	0.04	0.0075841	2.1003E-08
9:66837361_C_T	T	C	0.02	0.0046049	2.1004E-08
rs150185643	G	C	0.1	0.01	2.1016E-08
rs28889951	T	G	0.05	0.009901	2.1036E-08
rs567850927	G	A	0.05	0.01	2.1046E-08
rs114279121	T	C	0.26	0.04	2.1059E-08
rs9858580	A	G	0.05	0.01	2.106E-08
rs142634410	A	G	0.1	0.01	2.1071E-08
rs114410075	T	C	0.06	0.01	2.1071E-08
rs189296526	A	G	0.1	0.01	2.1076E-08
rs114118291	T	C	0.1	0.01	2.1085E-08
rs17060232	T	C	0.05	0.01	2.1091E-08
rs114560658	G	A	0.22	0.04	2.11E-08
rs140447393	A	C	0.22	0.04	2.11E-08
rs528433825	A	G	0.43	0.07	2.1103E-08
rs116222924	A	G	0.06	0.01	2.1107E-08
rs78929932	T	C	0.05	0.0093611	2.111E-08
rs16934118	A	G	0.07	0.01	2.1145E-08
rs562694395	T	C	0.05	0.00933	2.116E-08
rs79944593	G	A	0.1	0.01	2.1177E-08
rs138353637	C	T	0.12	0.02	2.1185E-08
rs148609771	G	A	0.11	0.01	2.1189E-08
rs114838125	A	C	0.09	0.01	2.1192E-08
rs116473377	C	A	0.1	0.01	2.1197E-08
rs146432019	T	C	0.16	0.02	2.1198E-08
rs532966739	T	A	0.15	0.02	2.12E-08
rs111404564	A	T	0.1	0.01	2.1205E-08
rs76459187	C	T	0.03	0.0064619	2.1209E-08
rs138970482	A	G	0.05	0.0093038	2.1215E-08
rs181226302	C	T	0.21	0.03	2.122E-08
rs60744600	G	T	0.05	0.0093034	2.1222E-08

rs111211608	T	C	0.27	0.04	2.1226E-08
rs180803089	G	A	0.12	0.02	2.1227E-08
rs150778507	C	T	0.1	0.01	2.1233E-08
rs143991231	T	C	0.1	0.01	2.1234E-08
rs114439956	T	G	0.1	0.01	2.1238E-08
rs567771815	A	G	0.02	0.0051322	2.1253E-08
rs550092476	T	C	0.03	0.0067509	2.1263E-08
rs550415554	G	A	0.11	0.01	2.1263E-08
rs139696043	A	G	0.05	0.0095286	2.1266E-08
rs73004889	G	A	0.04	0.0075707	2.1278E-08
rs60891308	A	G	0.1	0.01	2.1288E-08
rs115818613	A	C	0.1	0.01	2.1293E-08
rs550280537	A	T	0.05	0.0093503	2.1308E-08
rs74045136	C	A	0.0064995	0.0011604	2.1314E-08
rs186744267	A	G	0.1	0.01	2.1318E-08
rs114540243	C	T	0.05	0.0095243	2.1321E-08
rs566447867	G	A	0.03	0.0065848	2.1332E-08
rs28368042	C	G	0.1	0.01	2.1333E-08
rs141936037	A	G	0.12	0.02	2.1336E-08
rs183125351	T	C	0.06	0.01	2.134E-08
rs78642758	A	G	0.1	0.01	2.1355E-08
rs114322446	T	C	0.1	0.01	2.1371E-08
rs59867140	C	T	0.1	0.01	2.1388E-08
rs187665122	G	A	0.02	0.0041773	2.1389E-08
rs113653298	G	C	0.06	0.01	2.139E-08
rs754020495	T	C	0.02	0.0047181	2.1401E-08
rs111493587	T	C	0.1	0.01	2.1417E-08
rs113164192	A	C	0.1	0.01	2.1417E-08
rs191585968	A	C	0.1	0.01	2.1423E-08
rs6946260	T	C	0.03	0.0064938	2.1426E-08
rs569403772	T	C	0.17	0.03	2.1431E-08
rs150889947	A	G	0.01	0.0034291	2.1433E-08
rs16876626	C	G	0.1	0.01	2.1435E-08
rs114628939	G	A	0.1	0.01	2.1447E-08
rs148311164	T	C	0.09	0.01	2.1454E-08
rs141093549	A	G	0.18	0.03	2.1455E-08
rs754242328	T	C	0.02	0.0040833	2.1463E-08
rs529886830	T	C	0.1	0.01	2.1465E-08
rs144247647	A	T	0.12	0.02	2.1465E-08
rs138288899	A	C	0.06	0.01	2.1473E-08
rs6952704	A	G	0.04	0.0075474	2.1477E-08
rs534007789	C	T	0.35	0.06	2.1477E-08
rs2739179	T	C	0.1	0.01	2.148E-08
rs115260455	T	A	0.19	0.03	2.1483E-08
rs113843183	T	G	0.03	0.0068629	2.1502E-08
rs114278991	C	A	0.1	0.01	2.1502E-08
rs114282828	G	T	0.1	0.01	2.1502E-08
rs546306304	A	G	0.11	0.02	2.1515E-08
rs73843743	G	A	0.12	0.02	2.1517E-08
rs150124741	T	C	0.1	0.01	2.1538E-08
rs772506318	G	T	0.04	0.0087152	2.1553E-08
rs138768907	A	G	0.12	0.02	2.1558E-08
rs552314281	G	A	0.02	0.0043194	2.1562E-08
rs73348247	G	A	0.03	0.0065225	2.1581E-08
rs10948818	G	A	0.03	0.0071163	2.1582E-08
rs114335031	A	C	0.1	0.01	2.1584E-08
rs78893442	G	C	0.1	0.01	2.1594E-08
rs186321677	G	A	0.11	0.02	2.1598E-08
rs78560451	C	T	0.16	0.03	2.1609E-08
rs138940683	T	C	0.1	0.01	2.1611E-08
rs115961459	A	G	0.69	0.12	2.1613E-08



rs7781039	C	T	-0.08	0.01	2.1615E-08
rs139722106	A	T	0.1	0.01	2.1624E-08
rs114977006	T	C	0.06	0.01	2.1634E-08
rs9464082	C	T	0.03	0.0071185	2.1635E-08
rs148702969	G	A	0.02	0.0046282	2.1637E-08
rs75236713	C	T	0.1	0.01	2.1638E-08
rs114177254	G	T	0.1	0.01	2.165E-08
2:195795937_T_C	C	T	0.03	0.0053969	2.1656E-08
rs139058687	T	C	0.05	0.0097471	2.1668E-08
rs139951895	A	C	0.09	0.01	2.1668E-08
rs562881055	T	G	0.21	0.03	2.167E-08
rs147533220	T	C	0.05	0.009316	2.168E-08
rs757581938	C	T	0.06	0.01	2.1683E-08
rs186560690	C	A	0.1	0.01	2.1693E-08
rs57810844	C	T	0.03	0.0064029	2.1694E-08
rs145144152	G	A	0.05	0.0094159	2.1704E-08
rs574689152	A	G	0.12	0.02	2.1709E-08
rs75191912	G	T	0.1	0.01	2.1716E-08
rs532891466	T	A	0.11	0.02	2.1717E-08
rs184514646	C	T	0.04	0.0075765	2.1724E-08
rs116377908	G	A	0.07	0.01	2.1727E-08
rs114928494	T	C	0.03	0.0065974	2.1733E-08
rs149297789	G	C	0.1	0.01	2.1737E-08
rs193095371	G	A	0.1	0.01	2.1748E-08
rs137912123	G	A	0.12	0.02	2.1755E-08
rs143676453	T	C	0.02	0.0053369	2.1762E-08
rs115221568	T	C	0.09	0.01	2.1765E-08
rs140378001	G	A	0.11	0.01	2.1769E-08
rs140332171	G	T	0.06	0.01	2.177E-08
rs183954296	A	C	0.01	0.0024916	2.1776E-08
rs79686792	C	T	0.1	0.01	2.1777E-08
rs114001591	A	G	0.1	0.01	2.1791E-08
rs190453896	T	G	0.12	0.02	2.1793E-08
rs328907	T	C	0.35	0.06	2.18E-08
rs192061726	C	T	0.1	0.01	2.1803E-08
rs541458084	G	A	0.04	0.0075251	2.1812E-08
rs142482308	A	C	0.1	0.01	2.1813E-08
rs112664881	A	G	0.13	0.02	2.1813E-08
rs74645393	A	G	0.05	0.0095578	2.1815E-08
rs190087631	T	G	0.09	0.01	2.1816E-08
rs188726367	A	C	0.1	0.01	2.1839E-08
rs115100279	T	C	0.1	0.01	2.1841E-08
rs193021627	G	C	0.12	0.02	2.185E-08
rs57489182	T	A	0.1	0.01	2.1855E-08
rs137966489	A	G	0.06	0.01	2.1856E-08
rs143854575	G	T	0.06	0.01	2.1856E-08
rs73380531	T	C	0.1	0.01	2.1859E-08
rs188736432	C	A	0.1	0.01	2.1862E-08
rs56178187	T	C	0.05	0.01	2.1865E-08
rs78928619	G	C	0.1	0.01	2.1868E-08
rs144617442	T	C	0.1	0.01	2.1876E-08
rs138231476	T	C	0.09	0.01	2.1881E-08
rs149242205	G	T	0.1	0.01	2.1892E-08
rs77407564	G	C	0.1	0.01	2.1904E-08
rs140778005	T	C	0.12	0.02	2.1925E-08
rs114887324	A	G	0.1	0.01	2.194E-08
rs529858814	A	G	0.21	0.03	2.1952E-08
rs148741274	T	C	0.1	0.01	2.1953E-08
rs183934198	T	C	0.06	0.01	2.1953E-08
rs192066719	T	C	0.06	0.01	2.1961E-08
rs76028640	A	G	0.02	0.0053272	2.1969E-08

6:124525720_G_A	A	G	0.05	0.009353	2.1986E-08
rs577682049	G	A	0.11	0.02	2.1992E-08
rs530133902	T	C	0.05	0.0090709	2.1993E-08
rs73003225	T	C	0.1	0.01	2.2004E-08
rs144184420	C	T	0.08	0.01	2.2006E-08
rs542596517	T	C	0.14	0.02	2.201E-08
rs112232603	G	A	0.11	0.02	2.2015E-08
rs76094030	T	C	0.05	0.01	2.2038E-08
rs143412083	A	G	0.1	0.01	2.2041E-08
rs73810866	A	G	0.1	0.01	2.2047E-08
rs149551331	A	G	0.11	0.02	2.2054E-08
rs117324015	T	C	0.1	0.01	2.2057E-08
rs539110371	A	C	0.05	0.0096548	2.2061E-08
rs77191010	T	A	0.07	0.01	2.2077E-08
rs144737717	G	A	0.1	0.01	2.2084E-08
rs562163274	T	C	0.13	0.02	2.21E-08
rs116294911	A	C	0.05	0.0093362	2.2107E-08
rs115650074	G	A	0.1	0.01	2.2121E-08
rs148883862	A	G	0.11	0.02	2.2141E-08
rs13387300	T	C	0.03	0.0064447	2.2145E-08
rs769218231	A	G	0.03	0.0064538	2.2165E-08
rs533574156	C	T	0.02	0.0047622	2.2185E-08
rs114151099	C	T	0.07	0.01	2.2199E-08
rs570259359	T	C	0.11	0.02	2.2204E-08
rs76710357	G	A	0.1	0.01	2.2216E-08
rs151156538	C	T	0.15	0.02	2.2224E-08
rs868144090	T	C	0.05	0.0092112	2.2228E-08
rs542463643	T	C	0.12	0.02	2.223E-08
rs75057994	G	A	0.1	0.01	2.2235E-08
rs541694716	T	C	0.1	0.01	2.2237E-08
rs145592166	G	C	0.01	0.0031686	2.2241E-08
rs115703171	C	T	0.06	0.01	2.2249E-08
rs145359609	T	G	0.02	0.003604	2.225E-08
rs551807663	A	G	0.11	0.02	2.2256E-08
rs190916048	A	G	0.77	0.13	2.2266E-08
rs141334620	A	G	0.03	0.0065231	2.2278E-08
rs115031126	G	A	0.1	0.01	2.2278E-08
rs7026463	C	A	0.1	0.01	2.2294E-08
rs138650704	C	G	0.19	0.03	2.2295E-08
rs115288327	A	G	0.1	0.01	2.2311E-08
rs147360575	C	T	0.1	0.01	2.2324E-08
rs117190329	A	C	0.11	0.02	2.2325E-08
rs143736765	G	A	0.05	0.0098316	2.2327E-08
rs577784765	T	C	0.1	0.01	2.2333E-08
rs141741326	T	G	0.1	0.01	2.234E-08
rs142549748	C	T	0.1	0.01	2.2348E-08
rs76139912	A	C	0.1	0.01	2.2361E-08
rs572576894	A	G	0.05	0.0097719	2.2366E-08
rs757867211	A	G	0.02	0.0044295	2.2379E-08
rs144576883	C	T	0.1	0.01	2.2393E-08
rs60134476	A	G	0.01	0.0028722	2.24E-08
rs140203186	G	A	0.09	0.01	2.2413E-08
rs148749791	C	T	0.1	0.01	2.2415E-08
rs113668332	A	G	0.86	0.15	2.2419E-08
rs140095167	A	G	0.12	0.02	2.2421E-08
rs148766765	T	C	0.1	0.01	2.2456E-08
rs140360636	A	C	0.03	0.0061505	2.2467E-08
rs138578945	T	C	0.1	0.01	2.2474E-08
rs184838437	T	G	0.06	0.01	2.2494E-08
rs141887607	G	T	0.1	0.01	2.25E-08
rs150146037	T	C	0.11	0.02	2.251E-08

rs114982694	A	T	0.21	0.03	2.2514E-08
rs146296109	G	C	0.09	0.01	2.2531E-08
rs16876638	G	A	0.1	0.01	2.2547E-08
rs150730892	C	T	0.05	0.0097312	2.2549E-08
rs75727029	C	A	0.13	0.02	2.2571E-08
rs77462568	C	T	0.07	0.01	2.2573E-08
rs75122819	C	T	0.1	0.01	2.2581E-08
rs73694261	C	G	0.05	0.0093287	2.259E-08
rs190171946	T	C	0.11	0.02	2.2617E-08
rs191326319	C	T	0.05	0.01	2.2623E-08
rs116484128	A	G	0.08	0.01	2.2631E-08
rs189011100	A	G	0.15	0.02	2.2632E-08
rs554058670	C	T	0.04	0.0076067	2.2634E-08
rs73281137	G	A	0.1	0.01	2.2638E-08
rs6707701	T	G	0.05	0.0093464	2.266E-08
rs190966171	G	A	0.05	0.01	2.2661E-08
rs549038622	T	G	0.05	0.0094446	2.2672E-08
2:37982693_A_G	G	A	0.03	0.0067619	2.2679E-08
rs73542415	C	G	0.13	0.02	2.2686E-08
rs150881232	G	A	0.13	0.02	2.2704E-08
rs143383760	T	C	0.14	0.02	2.2709E-08
rs139290908	A	G	0.32	0.05	2.2715E-08
rs141066724	T	C	0.04	0.0083864	2.2723E-08
1:26424430_G_T	T	G	0.06	0.01	2.2729E-08
rs187415826	G	A	0.1	0.01	2.2739E-08
rs78884709	T	C	0.1	0.01	2.2739E-08
rs147900160	C	T	0.1	0.01	2.2757E-08
rs73694262	C	A	0.05	0.0093216	2.2769E-08
rs148814144	G	A	0.17	0.03	2.277E-08
rs367962120	C	T	0.1	0.01	2.2782E-08
rs73694263	C	T	0.05	0.0093213	2.279E-08
rs541814378	T	C	0.05	0.0097283	2.2791E-08
rs116411418	G	C	0.06	0.01	2.2801E-08
rs114871404	A	G	0.1	0.01	2.2824E-08
rs374201328	T	A	0.05	0.0093407	2.2827E-08
rs573460136	A	C	0.1	0.01	2.283E-08
rs188857578	C	T	0.12	0.02	2.2831E-08
rs115582850	T	C	0.1	0.01	2.2836E-08
rs141179335	C	A	0.1	0.01	2.2852E-08
rs145048861	T	C	0.11	0.02	2.2855E-08
rs78324064	A	G	0.11	0.02	2.2878E-08
rs539104267	A	C	0.1	0.01	2.2889E-08
rs184749336	T	C	0.05	0.009309	2.2892E-08
rs537853287	T	C	0.1	0.01	2.2894E-08
rs190041940	C	T	0.05	0.0093181	2.29E-08
rs569502176	A	G	0.1	0.01	2.2927E-08
rs751455006	A	T	0.01	0.0018712	2.2928E-08
rs150864065	T	G	0.05	0.0098216	2.2938E-08
rs11939820	T	C	0.11	0.01	2.2942E-08
rs777579687	A	T	0.01	0.0030254	2.2948E-08
rs137943551	A	G	0.08	0.01	2.295E-08
rs140325198	G	T	0.13	0.02	2.2952E-08
rs147144835	T	C	0.43	0.07	2.2952E-08
rs186928235	T	G	0.43	0.07	2.2952E-08
rs151323207	A	C	0.04	0.0086351	2.2961E-08
rs190140992	A	G	0.1	0.01	2.2973E-08
rs533799759	A	G	0.05	0.0098888	2.2988E-08
rs182134099	C	G	0.05	0.0096551	2.2992E-08
rs116542927	G	C	0.1	0.01	2.3012E-08
rs112889777	G	A	0.1	0.01	2.3029E-08
rs151329641	T	C	0.11	0.01	2.3054E-08

rs181314967	C	T	0.1	0.01	2.3054E-08
rs4676243	T	C	0.05	0.0096166	2.3056E-08
rs533482466	T	C	0.1	0.01	2.3063E-08
rs546841690	C	G	0.17	0.03	2.3084E-08
rs183591468	A	G	0.04	0.0079151	2.3103E-08
rs79216489	T	C	0.07	0.01	2.3113E-08
rs190644747	C	T	0.04	0.0074141	2.312E-08
rs187802141	T	C	0.1	0.01	2.3142E-08
rs148411518	A	G	0.1	0.01	2.3143E-08
rs567626527	A	G	0.1	0.01	2.3146E-08
rs144974327	A	G	0.14	0.02	2.3152E-08
rs547074295	T	C	0.11	0.02	2.3155E-08
rs374608171	C	T	0.05	0.0093329	2.3165E-08
rs145915196	T	C	0.22	0.04	2.3168E-08
rs114002950	A	G	0.06	0.01	2.3173E-08
rs150765546	C	T	0.53	0.09	2.3189E-08
rs533694136	T	C	0.1	0.01	2.3197E-08
rs148248232	C	T	0.05	0.0092921	2.321E-08
rs76653343	T	G	0.1	0.01	2.3231E-08
rs143108606	A	C	0.03	0.0068504	2.3244E-08
rs78002029	G	A	0.04	0.0086991	2.3245E-08
5:147434665_G_A	A	G	0.06	0.01	2.3249E-08
rs187887452	T	C	0.03	0.0064281	2.3253E-08
rs74691896	A	C	0.05	0.0096663	2.3274E-08
rs559766934	T	C	0.1	0.01	2.3277E-08
rs144173356	A	C	0.1	0.01	2.3277E-08
rs138499490	A	G	0.1	0.01	2.3277E-08
rs116072717	G	C	0.1	0.01	2.3285E-08
rs148366634	A	G	0.1	0.01	2.3292E-08
rs142584652	T	C	0.1	0.01	2.3294E-08
rs756445629	C	G	0.03	0.0064649	2.3307E-08
rs146026484	A	G	0.11	0.01	2.3311E-08
rs549783364	G	A	0.05	0.0091662	2.3322E-08
rs143602088	T	C	0.1	0.01	2.3332E-08
rs75567762	T	G	0.05	0.0094331	2.3337E-08
rs76496708	C	T	0.1	0.01	2.337E-08
rs61198753	A	G	0.1	0.01	2.3373E-08
rs562830099	C	G	0.04	0.0087565	2.3383E-08
rs150942708	A	G	0.15	0.02	2.3398E-08
rs112458147	A	C	0.1	0.01	2.3399E-08
rs143875008	C	T	0.05	0.0093037	2.3399E-08
rs115841932	C	G	0.15	0.02	2.341E-08
rs186325519	G	T	0.05	0.0093431	2.3414E-08
rs541882340	C	T	0.1	0.01	2.3414E-08
rs540335204	C	T	0.24	0.04	2.3423E-08
rs764100588	A	C	0.04	0.0076079	2.3431E-08
rs115024332	T	C	0.1	0.01	2.3439E-08
rs114274116	A	T	0.1	0.01	2.3446E-08
rs116686747	G	A	0.1	0.01	2.3447E-08
rs536978499	T	C	0.1	0.01	2.3449E-08
rs190713112	C	T	0.1	0.01	2.3458E-08
rs143233576	C	G	0.09	0.01	2.3461E-08
rs541304973	T	A	0.1	0.01	2.3466E-08
rs535887787	G	A	0.1	0.01	2.3466E-08
rs555977351	A	G	0.1	0.01	2.3466E-08
rs111423671	C	G	0.1	0.01	2.3479E-08
rs573308790	G	A	0.1	0.01	2.3488E-08
rs188098476	A	G	0.02	0.0051693	2.3499E-08
rs555164416	A	G	0.1	0.01	2.351E-08
rs183063113	G	A	0.02	0.0040707	2.351E-08
rs140259811	G	A	0.1	0.01	2.3512E-08

rs73694268	A	G	0.05	0.0093036	2.3513E-08
rs551820061	T	C	0.44	0.07	2.3528E-08
rs779655293	C	T	0.02	0.0050398	2.354E-08
rs146585644	T	A	0.1	0.01	2.3543E-08
rs186017908	C	T	0.1	0.01	2.3545E-08
rs73694264	A	G	0.05	0.009306	2.3549E-08
rs115142581	A	G	0.09	0.01	2.3564E-08
rs140986803	G	T	0.42	0.07	2.3582E-08
rs556218107	A	C	0.02	0.0046907	2.3583E-08
rs546674349	C	T	0.1	0.01	2.3584E-08
rs547720709	G	A	0.1	0.01	2.3584E-08
rs113772160	C	T	0.05	0.0095775	2.3594E-08
rs80061093	T	C	0.05	0.0096615	2.3605E-08
rs578181571	T	C	0.12	0.02	2.3608E-08
rs141610979	A	G	0.14	0.02	2.3613E-08
rs73694266	A	G	0.05	0.0093051	2.3615E-08
rs115233177	A	G	0.07	0.01	2.3655E-08
rs149042947	C	T	0.09	0.01	2.3656E-08
rs113012599	G	C	0.1	0.01	2.3657E-08
rs138098200	T	C	0.1	0.01	2.3659E-08
rs73694272	C	A	0.05	0.0093012	2.3663E-08
rs541989083	A	G	0.19	0.03	2.3671E-08
rs566725432	C	T	0.08	0.01	2.368E-08
rs56264529	T	C	0.05	0.0092999	2.3683E-08
rs114521467	T	C	0.1	0.01	2.3705E-08
rs542600338	G	A	0.1	0.01	2.3715E-08
rs76010558	A	C	0.03	0.0068511	2.3716E-08
rs569542740	T	C	0.1	0.01	2.3726E-08
rs572806186	C	T	0.02	0.0051776	2.3732E-08
rs73694277	T	G	0.05	0.009299	2.3735E-08
rs73694278	G	C	0.05	0.009299	2.3735E-08
rs139759181	T	C	0.05	0.0098009	2.3735E-08
rs115194804	C	T	0.1	0.01	2.378E-08
rs80208469	G	C	0.05	0.0093035	2.3782E-08
rs114001749	C	A	0.1	0.01	2.3798E-08
rs73331157	A	C	0.05	0.0095943	2.3806E-08
3:148518479_A_G	G	A	0.03	0.0057853	2.3807E-08
rs777095069	A	G	0.03	0.0068926	2.3817E-08
rs73694267	T	C	0.05	0.0093026	2.3825E-08
rs151073281	A	G	0.05	0.0099658	2.3827E-08
rs149949379	C	G	0.13	0.02	2.3833E-08
rs563128142	G	A	0.04	0.0088025	2.384E-08
rs147263582	A	G	0.07	0.01	2.3841E-08
rs534259381	A	G	0.1	0.01	2.3846E-08
6:157490951_G_A	A	G	0.03	0.0067583	2.3847E-08
rs550988363	A	G	0.1	0.01	2.3848E-08
rs192747438	C	G	0.14	0.02	2.3848E-08
rs562410914	T	C	0.1	0.01	2.3858E-08
rs115706838	G	C	0.12	0.02	2.3859E-08
rs115645340	T	C	0.1	0.01	2.386E-08
rs117510696	A	G	0.07	0.01	2.3876E-08
rs143087530	G	A	0.1	0.01	2.3881E-08
rs186204478	A	G	0.11	0.02	2.3888E-08
rs73694279	A	T	0.05	0.009298	2.3889E-08
rs73712860	G	T	0.11	0.02	2.389E-08
rs75646097	T	C	0.05	0.009755	2.3893E-08
rs77391410	C	T	0.05	0.0095938	2.3895E-08
rs112527324	A	G	0.03	0.0064296	2.39E-08
rs540670472	C	T	0.07	0.01	2.3913E-08
rs76413623	T	A	0.1	0.01	2.3929E-08
rs137906632	G	A	0.36	0.06	2.3929E-08

rs192602662	A	C	0.1	0.01	2.3937E-08
rs75159604	T	A	0.05	0.0093321	2.3939E-08
rs143614993	T	C	0.13	0.02	2.3942E-08
rs184815378	G	T	0.08	0.01	2.3943E-08
rs115582712	C	T	0.05	0.0099174	2.3945E-08
rs76854341	T	C	0.15	0.02	2.3952E-08
rs536622893	A	G	0.05	0.0093502	2.3952E-08
rs151144324	T	C	0.1	0.01	2.3971E-08
rs115174114	T	C	0.1	0.01	2.3977E-08
rs144332135	A	G	0.1	0.01	2.3985E-08
rs144443647	T	C	0.05	0.0097988	2.3989E-08
3:135690379_A_G	G	A	0.04	0.0072354	2.3998E-08
rs142021911	C	T	0.04	0.0089225	2.4007E-08
rs116645355	T	A	0.16	0.02	2.4018E-08
rs566874858	A	G	0.1	0.01	2.4056E-08
rs373542283	A	G	0.04	0.0085024	2.4063E-08
rs573836751	T	C	0.1	0.01	2.4065E-08
rs72606698	A	G	0.1	0.01	2.4067E-08
rs544812697	C	T	0.1	0.01	2.4068E-08
rs9999399	G	T	0.17	0.03	2.4069E-08
rs75102316	A	T	0.1	0.01	2.4087E-08
rs6841462	T	C	0.03	0.0063849	2.4095E-08
rs141609200	C	G	0.05	0.0094319	2.4101E-08
rs140951916	A	G	0.1	0.01	2.4109E-08
rs569580729	T	G	0.1	0.01	2.4109E-08
rs574973626	A	C	0.1	0.01	2.4109E-08
rs563113828	G	A	0.72	0.12	2.4111E-08
rs115840589	G	C	0.03	0.0071016	2.4125E-08
rs182847245	T	C	0.1	0.01	2.4144E-08
rs114512573	A	G	0.03	0.0065542	2.4146E-08
rs74838576	C	T	0.06	0.01	2.415E-08
rs141107402	A	G	0.1	0.01	2.4153E-08
rs57579399	A	T	0.09	0.01	2.4157E-08
rs151164159	C	T	0.05	0.0092808	2.4158E-08
rs74707979	C	G	0.23	0.04	2.4177E-08
rs117394644	C	T	0.11	0.02	2.4179E-08
rs185479995	C	T	0.05	0.0094354	2.4195E-08
rs79333523	A	G	0.08	0.01	2.4204E-08
rs115162243	T	C	0.1	0.01	2.4205E-08
rs76806725	C	T	0.1	0.01	2.4206E-08
rs79034950	G	C	0.09	0.01	2.4208E-08
rs140432593	T	C	0.05	0.0094627	2.4218E-08
rs532759512	A	T	0.1	0.01	2.4231E-08
rs556095085	A	G	0.1	0.01	2.4231E-08
rs528169127	A	C	0.1	0.01	2.4231E-08
rs575085926	G	A	0.1	0.01	2.4231E-08
rs557034279	C	G	0.1	0.01	2.4231E-08
rs112277192	C	T	0.1	0.01	2.4238E-08
rs570930148	T	C	0.1	0.01	2.4243E-08
rs148780118	A	G	0.09	0.01	2.4244E-08
rs78040941	G	A	0.1	0.01	2.4244E-08
rs76790848	T	C	0.1	0.01	2.4262E-08
7:159063535_C_T	T	C	0.02	0.0050408	2.4267E-08
rs539571413	G	A	0.04	0.0082943	2.4289E-08
rs147648154	A	T	0.08	0.01	2.429E-08
rs182666775	A	T	0.1	0.01	2.4296E-08
rs146262630	A	T	0.04	0.0086745	2.4306E-08
rs114984281	A	G	0.25	0.04	2.4317E-08
rs542644880	C	T	0.14	0.02	2.4329E-08
rs552296723	T	C	0.14	0.02	2.4334E-08
rs75368714	A	G	0.08	0.01	2.4359E-08

rs144149651	A	T	0.1	0.01	2.437E-08
rs535945104	A	G	0.1	0.01	2.437E-08
rs534873908	T	C	0.1	0.01	2.437E-08
rs4452536	T	C	0.1	0.01	2.4372E-08
rs181727668	T	G	0.05	0.0092994	2.4375E-08
rs147083650	A	T	0.11	0.02	2.4385E-08
rs561181594	T	C	0.1	0.01	2.4393E-08
rs147579555	A	G	0.79	0.14	2.4404E-08
rs144048691	T	C	0.12	0.02	2.4406E-08
rs374229810	C	A	0.1	0.01	2.4416E-08
rs199677040	A	G	0.1	0.01	2.4423E-08
rs184647279	G	A	0.1	0.01	2.4426E-08
rs143854858	G	T	0.1	0.01	2.4426E-08
rs150928690	C	T	0.13	0.02	2.4434E-08
rs114564616	C	T	0.09	0.01	2.4442E-08
rs147683304	C	T	0.1	0.01	2.4449E-08
rs377760076	C	T	0.11	0.02	2.4452E-08
rs569172332	A	G	0.99	0.17	2.4459E-08
rs369189201	A	G	0.07	0.01	2.4468E-08
rs145074736	A	G	0.1	0.01	2.4489E-08
rs374252778	G	A	0.19	0.03	2.4496E-08
rs143201122	A	G	0.02	0.004957	2.4506E-08
rs192672204	C	T	0.17	0.03	2.454E-08
rs75514405	A	G	0.1	0.01	2.4545E-08
rs140780503	C	T	0.1	0.01	2.4559E-08
rs367759489	A	G	0.1	0.01	2.4566E-08
rs541011940	A	T	0.1	0.01	2.4568E-08
rs535294354	T	A	0.1	0.01	2.4591E-08
rs539299989	C	G	0.09	0.01	2.4594E-08
rs143616897	A	T	0.1	0.01	2.4606E-08
rs541217551	T	G	0.1	0.01	2.4607E-08
rs577762782	C	A	0.1	0.01	2.4619E-08
rs530879010	C	G	0.1	0.01	2.4619E-08
rs528739463	C	G	0.1	0.01	2.4619E-08
rs543453200	T	A	0.1	0.01	2.4619E-08
rs554008681	T	C	0.1	0.01	2.4629E-08
rs566083610	C	T	0.1	0.01	2.4629E-08
rs537491923	A	G	0.1	0.01	2.4629E-08
rs577832261	G	T	0.1	0.01	2.4629E-08
rs28699010	T	C	0.1	0.01	2.4636E-08
rs115885096	A	G	1.92	0.34	2.4642E-08
rs59274254	C	T	0.05	0.0093171	2.4665E-08
rs558394606	G	T	0.1	0.01	2.4671E-08
rs540844250	A	G	0.03	0.0063158	2.4676E-08
2:226649797_C_T	T	C	0.09	0.01	2.4688E-08
rs149812359	C	G	0.2	0.03	2.4703E-08
rs182182676	C	T	0.05	0.009322	2.4714E-08
rs115598151	T	C	0.1	0.01	2.4725E-08
rs76663654	C	T	0.02	0.0048882	2.4731E-08
rs181865377	C	T	0.1	0.01	2.4743E-08
rs567314801	A	G	0.1	0.01	2.4743E-08
rs568433266	G	A	0.1	0.01	2.4743E-08
rs184131977	C	T	0.1	0.01	2.4744E-08
rs550430155	A	G	0.1	0.01	2.4753E-08
rs568252951	G	A	0.15	0.02	2.4758E-08
rs73515312	C	T	0.1	0.01	2.4765E-08
rs139605287	C	G	0.12	0.02	2.477E-08
rs556123844	T	C	0.09	0.01	2.4771E-08
rs536422014	C	T	0.02	0.005031	2.4775E-08
rs116553072	C	T	0.1	0.01	2.4777E-08
rs114006042	C	G	0.1	0.01	2.4781E-08

rs73050543	C	G	0.1	0.01	2.4792E-08
rs139278898	A	G	0.1	0.01	2.4809E-08
rs148239315	C	G	0.03	0.0065199	2.482E-08
rs58469754	T	C	0.01	0.0028692	2.4837E-08
rs150345870	T	C	0.08	0.01	2.4839E-08
rs138735517	A	T	0.11	0.02	2.4859E-08
rs541281579	A	C	0.1	0.01	2.4865E-08
rs554707963	G	T	0.08	0.01	2.4872E-08
rs75214442	C	T	0.15	0.02	2.4875E-08
rs567337962	T	C	0.1	0.01	2.4889E-08
rs112468305	T	G	0.05	0.0093149	2.4897E-08
rs557781185	A	T	0.07	0.01	2.4902E-08
rs182629401	T	A	0.1	0.01	2.4915E-08
rs116626713	A	G	0.08	0.01	2.492E-08
rs145867987	G	T	0.1	0.01	2.4926E-08
rs116827112	T	C	0.11	0.02	2.4941E-08
rs142511227	A	T	0.1	0.01	2.4959E-08
rs544707466	C	T	0.02	0.005184	2.4987E-08
rs542321200	C	G	0.36	0.06	2.499E-08
7:18268969_G_A	A	G	0.03	0.0070308	2.4991E-08
rs139947826	C	T	0.09	0.01	2.5028E-08
rs60905482	C	T	0.1	0.01	2.5032E-08
rs766069810	C	T	0.03	0.0058732	2.5033E-08
rs181286139	A	G	0.05	0.0094812	2.5035E-08
7:63998101_C_T	T	C	0.05	0.0093907	2.5045E-08
rs78191784	T	G	0.1	0.01	2.5069E-08
rs73973365	A	C	0.03	0.0066289	2.5082E-08
rs140591158	G	T	0.19	0.03	2.5086E-08
rs148356324	T	C	0.04	0.0077625	2.5091E-08
rs77338663	T	C	0.1	0.01	2.5095E-08
rs116094853	A	T	0.1	0.01	2.5096E-08
rs184381348	T	C	0.03	0.0062559	2.5098E-08
rs114442842	A	G	0.1	0.01	2.5112E-08
rs184925442	T	C	0.1	0.01	2.5115E-08
rs114313928	A	G	0.1	0.01	2.5148E-08
rs76910141	A	G	0.1	0.01	2.5167E-08
rs114884306	T	C	0.12	0.02	2.5174E-08
rs187143396	T	C	0.13	0.02	2.519E-08
rs377106641	T	C	0.09	0.01	2.5192E-08
rs184213206	C	G	0.1	0.01	2.52E-08
rs17155349	G	A	0.1	0.01	2.5236E-08
rs371347625	C	A	0.1	0.01	2.5239E-08
rs562864633	A	G	0.1	0.01	2.5244E-08
rs75867536	G	T	0.05	0.0093113	2.5247E-08
rs113786026	C	T	0.1	0.01	2.5248E-08
rs78687099	A	G	0.05	0.0090228	2.5255E-08
rs11902252	A	G	0.12	0.02	2.5278E-08
rs115340060	G	C	0.12	0.02	2.5285E-08
rs116157842	T	C	0.1	0.01	2.529E-08
rs112416740	G	A	0.11	0.02	2.5297E-08
rs75270535	T	C	0.1	0.01	2.5299E-08
rs73354059	G	A	0.11	0.02	2.5302E-08
rs146050458	T	C	0.11	0.02	2.5313E-08
rs145566945	T	A	0.05	0.0094162	2.5315E-08
rs541105937	A	C	0.15	0.02	2.5324E-08
rs115215666	C	A	0.18	0.03	2.5341E-08
rs141236722	A	C	0.1	0.01	2.5347E-08
rs144467904	A	G	0.1	0.01	2.5352E-08
rs557351889	G	A	0.1	0.01	2.5353E-08
rs142802565	G	A	0.14	0.02	2.5358E-08
rs147408374	A	G	0.11	0.02	2.5368E-08



rs141673703	C	T	0.72	0.12	2.5369E-08
rs149342224	T	C	0.1	0.01	2.5379E-08
rs587653492	A	G	0.04	0.0078233	2.5437E-08
rs13417371	A	G	0.01	0.0034323	2.544E-08
rs7744555	G	C	0.05	0.0094859	2.544E-08
rs116017655	T	C	0.1	0.01	2.5449E-08
2:14787351_A_T	T	A	0.03	0.0070209	2.5452E-08
rs74783993	G	A	0.05	0.01	2.5462E-08
rs2519075	T	C	-0.05	0.0092868	2.5465E-08
rs569945029	A	G	0.05	0.01	2.5469E-08
rs114091166	G	C	0.1	0.01	2.5496E-08
rs114888716	T	G	0.1	0.01	2.5522E-08
rs114092894	A	C	0.1	0.01	2.5533E-08
rs116146283	T	A	0.11	0.02	2.554E-08
rs146658281	G	C	0.06	0.01	2.556E-08
rs12000709	C	G	0.1	0.01	2.5561E-08
rs548646058	T	G	0.05	0.0093324	2.5564E-08
rs114171491	G	T	0.1	0.01	2.5564E-08
rs116794182	A	G	0.05	0.01	2.5573E-08
rs114207243	T	A	0.1	0.01	2.558E-08
rs141005054	T	C	0.05	0.01	2.5584E-08
rs531621943	G	A	0.03	0.0070641	2.5585E-08
rs143329956	C	A	0.03	0.0060283	2.5615E-08
rs115594877	T	C	0.1	0.01	2.5623E-08
rs559951798	G	C	0.18	0.03	2.5635E-08
rs6702726	G	A	0.06	0.01	2.5642E-08
rs186117299	G	A	0.1	0.01	2.5676E-08
rs541343015	C	T	0.1	0.01	2.5676E-08
rs115824842	G	A	0.05	0.0090272	2.5678E-08
3:81337191_G_C	C	G	0.05	0.01	2.568E-08
rs113402745	A	T	0.14	0.02	2.5681E-08
rs187973612	T	C	0.1	0.01	2.5692E-08
rs143123594	T	A	0.1	0.01	2.5693E-08
rs145453207	T	C	0.11	0.02	2.5704E-08
rs143860703	C	G	0.1	0.01	2.5707E-08
rs372647335	A	G	0.05	0.0093188	2.5722E-08
rs146324809	G	A	0.11	0.02	2.5724E-08
rs143829379	G	A	0.1	0.01	2.5752E-08
rs551608755	G	A	0.02	0.0048458	2.5767E-08
rs148427277	G	A	0.1	0.01	2.5767E-08
rs373998239	A	G	0.05	0.0092617	2.5779E-08
rs115573912	C	G	0.18	0.03	2.5784E-08
rs6702928	C	G	0.03	0.0069493	2.579E-08
rs553047351	A	G	0.1	0.01	2.5796E-08
rs74814579	A	G	0.09	0.01	2.5852E-08
rs75574002	C	T	0.05	0.0095646	2.5859E-08
rs188664130	G	A	0.21	0.03	2.5865E-08
rs190821889	C	T	0.1	0.01	2.5884E-08
rs142970162	A	G	0.1	0.01	2.5887E-08
rs73678152	A	C	0.11	0.01	2.5889E-08
rs11997007	C	G	0.05	0.0094409	2.5892E-08
rs190577927	A	G	0.08	0.01	2.5894E-08
rs144481514	G	A	0.07	0.01	2.59E-08
rs148546275	A	T	0.1	0.01	2.5908E-08
rs138864007	T	G	0.1	0.01	2.5917E-08
rs144949864	C	T	0.24	0.04	2.5946E-08
rs114199497	G	C	0.1	0.01	2.5948E-08
rs138209971	A	C	0.1	0.01	2.5954E-08
rs145510244	C	A	0.05	0.0098162	2.5954E-08
rs75212438	C	T	0.1	0.01	2.5955E-08
rs147986578	T	A	0.1	0.01	2.5972E-08

rs79757627	A	C	0.1	0.01	2.5983E-08
rs116364029	G	A	0.1	0.01	2.5984E-08
rs116468529	G	T	0.1	0.01	2.5996E-08
rs141291224	C	T	0.09	0.01	0.000000026
rs76642899	C	T	0.1	0.01	2.6011E-08
rs188285579	C	T	0.22	0.04	2.6011E-08
rs144799050	T	C	0.11	0.02	2.602E-08
rs535761872	T	C	0.1	0.01	2.6021E-08
rs61741133	T	C	1.75	0.31	2.6032E-08
rs188651240	T	C	0.1	0.01	2.6066E-08
rs530606993	A	G	0.1	0.01	2.6066E-08
rs530976823	A	G	0.1	0.01	2.6066E-08
rs551984168	T	C	0.1	0.01	2.6066E-08
rs144163588	G	T	0.15	0.02	2.6078E-08
rs78874056	G	A	0.1	0.01	2.609E-08
rs57812385	T	C	0.1	0.01	2.6109E-08
rs180734804	G	A	0.24	0.04	2.6125E-08
rs142957418	T	C	0.05	0.01	2.6133E-08
rs141773316	T	C	0.1	0.01	2.6139E-08
rs116409923	A	C	0.1	0.01	2.6149E-08
rs184218649	A	T	0.21	0.03	2.6165E-08
rs560266586	G	A	0.11	0.02	2.6167E-08
rs147571490	A	C	2.33	0.42	2.6167E-08
rs562806868	T	C	0.1	0.01	2.6169E-08
rs145967910	G	A	0.1	0.01	2.6169E-08
rs115682242	A	G	0.1	0.01	2.6204E-08
rs112624731	A	G	0.03	0.0064884	2.6211E-08
rs181558733	G	C	0.15	0.02	2.6222E-08
rs17132723	A	T	0.02	0.0049484	2.6252E-08
rs143808664	A	G	0.29	0.05	2.6276E-08
rs116032801	C	T	0.02	0.0049486	2.6278E-08
rs182948515	G	C	0.1	0.01	2.6278E-08
rs139778313	A	G	0.1	0.01	2.6281E-08
rs75623240	T	A	0.03	0.0063576	2.6296E-08
rs9311342	T	C	0.09	0.01	2.6316E-08
rs78629377	A	G	0.05	0.0092129	2.632E-08
rs115946544	A	T	0.06	0.01	2.6323E-08
rs79568454	G	A	0.1	0.01	2.6323E-08
rs34290183	T	C	0.03	0.0063696	2.6327E-08
rs149425702	G	T	0.1	0.01	2.6338E-08
rs112169408	G	A	0.1	0.01	2.6339E-08
rs140180673	G	A	0.1	0.01	2.6353E-08
rs558483799	G	C	0.1	0.01	2.6357E-08
rs185626172	T	C	0.12	0.02	2.6378E-08
rs112469451	A	G	0.1	0.01	2.6379E-08
rs191191293	A	G	0.17	0.03	2.6389E-08
rs115936416	A	C	0.1	0.01	2.6391E-08
rs189399432	T	C	0.12	0.02	2.6391E-08
rs572261731	A	G	0.16	0.02	2.6416E-08
rs112684542	C	T	1.67	0.3	2.6417E-08
rs73667549	A	G	0.05	0.01	2.6421E-08
rs140873053	T	C	0.15	0.02	2.6427E-08
rs79970127	G	C	0.03	0.0063706	2.6431E-08
rs558089854	G	A	0.09	0.01	2.6438E-08
rs552307542	T	A	0.1	0.01	2.6439E-08
rs59807060	G	A	0.09	0.01	2.6441E-08
rs77431335	G	C	0.1	0.01	2.6449E-08
rs529295874	T	C	0.04	0.0087345	2.6454E-08
rs186028279	A	G	0.03	0.0060561	2.6481E-08
rs77976736	G	A	0.05	0.0092941	2.6499E-08
rs151034133	T	G	0.1	0.01	2.65E-08

rs142221135	C	T	0.05	0.0097454	2.6522E-08
rs138846923	G	C	0.1	0.01	2.6525E-08
rs540693125	A	T	0.1	0.01	2.6532E-08
rs116279874	A	G	0.01	0.0027592	2.6533E-08
rs775649961	A	G	0.02	0.004902	2.6552E-08
rs558871002	C	T	0.05	0.009797	2.6575E-08
rs116630308	A	G	0.1	0.01	2.6604E-08
rs151036592	A	G	0.14	0.02	2.6609E-08
rs80167506	A	G	0.05	0.009304	2.6619E-08
rs184996477	G	A	0.1	0.01	2.6627E-08
rs77598181	G	A	0.09	0.01	2.6646E-08
rs759712138	T	C	0.01	0.0035531	2.6664E-08
rs191168933	G	A	0.1	0.01	2.6675E-08
rs147052815	C	T	0.1	0.01	2.6701E-08
rs530096051	T	G	0.1	0.01	2.6713E-08
rs113283241	A	G	0.16	0.03	2.6729E-08
rs79275122	T	C	0.05	0.0095665	2.6738E-08
rs543034089	A	C	0.1	0.01	2.6739E-08
rs150936790	A	G	0.04	0.0089177	2.6772E-08
rs555135457	G	A	0.21	0.03	2.6794E-08
rs546127541	A	G	0.08	0.01	2.6804E-08
rs537316625	A	G	0.03	0.0058747	2.681E-08
rs780720086	G	C	0.04	0.0080219	2.6818E-08
rs145258095	A	G	0.14	0.02	2.6825E-08
rs140598113	T	C	0.05	0.0094375	2.6841E-08
rs75786244	C	T	0.08	0.01	2.6848E-08
rs190391812	T	C	0.12	0.02	2.685E-08
rs114053710	G	A	0.06	0.01	2.6854E-08
rs73692203	T	C	0.05	0.0092696	2.6859E-08
rs146055806	T	A	0.05	0.0094226	2.6862E-08
rs193229853	G	A	0.1	0.01	2.6878E-08
rs146941794	G	A	0.1	0.01	2.6878E-08
rs114408429	G	T	0.1	0.01	2.6912E-08
rs76305265	T	C	0.05	0.0096303	2.6916E-08
rs189045024	C	G	0.15	0.02	2.6921E-08
rs144444182	T	A	0.1	0.01	2.6922E-08
rs73009658	G	C	0.1	0.01	2.6931E-08
rs146587940	T	C	0.1	0.01	2.6948E-08
rs141120778	C	G	0.11	0.02	2.6961E-08
rs555699479	C	T	0.03	0.0065612	2.6967E-08
rs183297950	G	A	0.11	0.02	2.697E-08
rs182141966	T	G	0.1	0.01	2.6972E-08
rs372550750	C	T	0.1	0.01	2.6974E-08
rs12067212	A	G	0.06	0.01	2.698E-08
rs141132604	C	T	0.12	0.02	2.6988E-08
rs150334557	C	T	0.12	0.02	2.6988E-08
rs369211296	A	G	0.18	0.03	0.000000027
rs188084700	T	C	0.1	0.01	2.7005E-08
rs78999250	C	T	0.09	0.01	2.7015E-08
rs73756379	C	T	0.09	0.01	2.7016E-08
rs188249302	A	G	0.11	0.02	2.702E-08
rs73653649	T	C	0.05	0.01	2.7023E-08
rs556474361	C	T	0.12	0.02	2.7056E-08
rs139066284	T	C	0.1	0.01	2.7074E-08
rs77571531	C	T	0.09	0.01	2.7074E-08
rs531456986	A	G	0.03	0.0060513	2.7087E-08
rs147707892	C	T	0.08	0.01	2.7088E-08
rs565885309	T	C	0.13	0.02	2.7125E-08
rs764852570	A	G	0.04	0.0078127	2.7138E-08
rs114300370	G	A	0.22	0.03	2.7157E-08
rs146115291	G	C	0.1	0.01	2.7167E-08

rs115440064	T	G	0.09	0.01	2.7174E-08
rs80296332	G	A	0.1	0.01	2.7178E-08
rs138930070	C	A	0.1	0.01	2.7188E-08
rs146206997	G	A	0.06	0.01	2.7199E-08
rs116007934	G	A	0.1	0.01	2.7205E-08
rs149821973	C	G	0.01	0.002595	2.7208E-08
rs189862867	T	G	0.1	0.01	2.7215E-08
rs545160203	C	T	0.05	0.0095194	2.7223E-08
rs73694248	C	T	0.05	0.0092652	2.7225E-08
rs921374	T	C	-0.04	0.0073203	2.7232E-08
rs115014331	A	C	0.05	0.0095639	2.7244E-08
rs73009654	G	A	0.1	0.01	2.726E-08
rs150064630	G	A	0.05	0.01	2.7287E-08
rs771699261	G	T	0.12	0.02	2.7287E-08
rs141113208	G	A	0.1	0.01	2.7288E-08
rs529994135	A	G	0.2	0.03	2.73E-08
rs7865903	T	C	0.03	0.0059736	2.7319E-08
rs78466264	G	A	0.02	0.0050602	2.7324E-08
rs192444188	G	A	0.1	0.01	2.7325E-08
rs114850797	C	A	0.04	0.0086212	2.7342E-08
rs73337672	T	A	0.03	0.0057164	2.7373E-08
rs189066302	C	A	0.03	0.0057113	2.7413E-08
rs7585920	G	C	0.09	0.01	2.7414E-08
rs115127003	T	C	0.1	0.01	2.7419E-08
rs61764179	T	A	0.1	0.01	2.742E-08
rs151227235	G	A	0.1	0.01	2.7425E-08
rs143953414	A	T	0.08	0.01	2.7434E-08
rs561709782	G	C	0.02	0.0045968	2.7451E-08
rs141911614	G	A	0.1	0.01	2.7457E-08
rs148115415	T	C	0.1	0.01	2.7457E-08
rs9785111	T	C	0.09	0.01	2.747E-08
rs145586531	T	G	0.1	0.01	2.7477E-08
rs138639101	C	G	0.06	0.01	2.7477E-08
rs7559312	T	A	0.03	0.0055712	2.7478E-08
rs115541791	A	G	0.1	0.01	2.7486E-08
rs142747358	G	A	0.1	0.01	2.7489E-08
rs116021281	G	A	0.1	0.01	2.7506E-08
rs77738755	A	G	0.1	0.01	2.7512E-08
rs115622301	C	T	0.1	0.01	2.7519E-08
rs186314491	G	C	0.1	0.01	2.7528E-08
rs55726323	A	G	0.11	0.02	2.7536E-08
rs78754963	G	C	0.1	0.01	2.7564E-08
rs145260305	G	A	0.11	0.02	2.7569E-08
rs58661208	T	G	0.1	0.01	2.7574E-08
rs73353626	G	A	0.04	0.0073297	2.7583E-08
rs184848706	C	T	0.11	0.02	2.7596E-08
rs565183102	A	G	0.1	0.01	2.7598E-08
rs546045797	G	C	0.15	0.02	2.7598E-08
rs79524144	C	T	0.1	0.01	2.7599E-08
rs80312560	T	A	0.1	0.01	2.7599E-08
rs145114157	C	T	0.1	0.01	2.7602E-08
rs116108532	C	T	0.1	0.01	2.7603E-08
rs148203473	A	G	0.12	0.02	2.7603E-08
rs536944109	G	A	0.01	0.0021	2.7623E-08
rs116352481	G	A	0.05	0.0094638	2.7627E-08
rs76616363	C	T	0.06	0.01	2.7628E-08
rs149643641	A	G	0.1	0.01	2.7631E-08
rs561781701	C	A	0.03	0.0061354	2.7659E-08
rs562404750	G	C	0.28	0.05	2.77E-08
rs116305153	A	G	0.1	0.01	2.7709E-08
rs13376498	A	G	0.03	0.0063651	2.7717E-08

rs114108535	T	C	0.1	0.01	2.7728E-08
rs77099442	G	C	1.32	0.23	2.7735E-08
rs138727255	T	G	0.34	0.06	2.7748E-08
rs10993932	G	T	0.1	0.01	2.7763E-08
rs75898986	G	A	0.02	0.0046686	2.7764E-08
rs560197851	T	G	0.84	0.15	2.7766E-08
rs111927074	A	G	0.02	0.0053054	2.7772E-08
7:121093970_G_T	T	G	0.07	0.01	2.7772E-08
rs143836091	T	C	0.1	0.01	2.7776E-08
rs151240354	T	G	0.16	0.03	2.7788E-08
rs554829234	A	C	0.02	0.0049016	2.7799E-08
rs746568057	A	C	0.03	0.0058624	2.78E-08
rs190802512	C	G	0.12	0.02	2.78E-08
rs114005096	T	C	0.12	0.02	2.7829E-08
rs138903241	G	T	0.09	0.01	2.7845E-08
rs75866433	T	G	0.1	0.01	2.7848E-08
rs557020784	C	A	0.08	0.01	2.7857E-08
rs144367435	A	G	0.1	0.01	2.7859E-08
rs141711895	A	G	0.19	0.03	2.7864E-08
rs116021932	A	G	0.1	0.01	2.7879E-08
rs138720390	G	A	0.18	0.03	2.7885E-08
rs115113367	G	A	0.03	0.0067332	2.7885E-08
rs148875588	A	G	0.1	0.01	2.7889E-08
rs79000404	T	C	0.05	0.0092402	2.7902E-08
rs114877064	G	A	0.05	0.0092593	2.7916E-08
rs536576849	A	T	4.41	0.79	2.7916E-08
rs150755539	G	A	0.03	0.0063697	2.7941E-08
rs190242988	G	A	0.1	0.01	2.7943E-08
rs555999826	T	C	0.1	0.01	2.7944E-08
rs73700781	T	C	0.05	0.009574	2.7945E-08
rs138461215	A	T	1.03	0.18	2.7954E-08
rs576641278	A	T	0.09	0.01	2.7959E-08
rs150352669	G	A	0.12	0.02	2.7962E-08
rs112301680	T	C	0.1	0.01	2.7982E-08
rs116149040	G	C	0.1	0.01	2.7984E-08
rs58002112	A	C	0.03	0.0063674	2.7985E-08
rs148610148	A	G	0.26	0.04	2.7996E-08
rs142223680	T	C	0.1	0.01	2.7998E-08
rs144716068	A	G	0.18	0.03	2.8008E-08
rs368366406	T	C	0.1	0.01	2.802E-08
rs181276617	A	G	0.04	0.0079671	2.8039E-08
rs61161229	C	T	0.05	0.0095729	2.8068E-08
rs116674180	A	G	0.1	0.01	2.807E-08
rs533700333	T	C	0.03	0.0067785	2.8071E-08
rs79684941	T	C	0.1	0.01	2.8076E-08
rs111230529	A	G	0.1	0.01	2.8076E-08
rs115821300	T	C	0.07	0.01	2.8082E-08
rs189424777	T	C	0.1	0.01	2.8083E-08
rs183988427	A	G	0.05	0.0095483	2.8086E-08
rs112603315	A	G	0.1	0.01	2.8105E-08
rs113766982	A	G	0.03	0.0065227	2.8107E-08
rs115771623	T	C	0.1	0.01	2.8108E-08
rs147751950	T	C	0.1	0.01	2.8126E-08
rs143742368	A	G	0.03	0.0062779	2.813E-08
rs114448247	C	T	0.1	0.01	2.8155E-08
rs369975609	T	C	0.1	0.01	2.8162E-08
rs139098708	A	G	0.02	0.0049346	2.8179E-08
rs138948596	G	C	0.12	0.02	2.8185E-08
rs554995035	G	A	0.02	0.0051492	2.819E-08
rs114612894	A	C	0.05	0.0094396	2.8191E-08
rs76793690	A	G	0.05	0.0095733	2.8218E-08

rs141746177	T	C	0.04	0.0089113	2.8233E-08
rs150830606	T	C	0.11	0.02	2.8242E-08
rs73014803	A	T	0.08	0.01	2.8248E-08
rs112232781	A	C	0.1	0.01	2.8276E-08
rs534072604	A	G	0.1	0.01	2.8287E-08
rs77803989	T	C	0.05	0.0096627	2.8291E-08
rs141592911	G	A	0.1	0.01	2.8292E-08
6:97899095_G_T	T	G	0.03	0.0070007	2.8314E-08
rs184285094	C	A	0.1	0.01	2.8319E-08
rs145708065	C	G	0.05	0.0095804	2.8332E-08
rs769471767	G	A	0.03	0.0059726	2.8334E-08
rs774717826	T	C	0.03	0.0067651	2.8354E-08
rs149635929	G	A	0.14	0.02	2.8359E-08
rs143028077	A	G	0.05	0.0093642	2.8366E-08
rs115010861	G	A	0.03	0.0063625	2.8387E-08
rs185819736	A	G	0.05	0.0099347	2.8391E-08
rs577147430	G	A	0.03	0.0062982	2.8409E-08
rs183397318	A	G	0.1	0.01	2.8413E-08
rs140211261	T	C	0.1	0.01	2.8416E-08
rs77310519	A	G	0.04	0.0080994	2.8421E-08
rs111668925	T	G	0.05	0.01	2.8421E-08
rs114413032	G	A	0.1	0.01	2.8424E-08
rs150695743	C	T	0.1	0.01	2.8447E-08
rs138737390	C	T	0.02	0.0046969	2.8455E-08
rs16864768	T	G	0.1	0.01	2.846E-08
rs141121996	T	C	0.17	0.03	2.8475E-08
rs116768551	T	A	0.03	0.0063593	2.8482E-08
rs757744175	C	T	0.05	0.0091815	2.8492E-08
rs115608530	C	G	0.03	0.0063593	2.8493E-08
rs549624642	A	C	1.35	0.24	2.8509E-08
rs183618064	G	C	0.1	0.01	2.8511E-08
rs143102923	T	C	0.03	0.0063586	2.8512E-08
rs78922409	C	T	0.1	0.01	2.8512E-08
rs116818843	A	G	0.1	0.01	2.8516E-08
rs73350150	A	C	0.03	0.0065499	2.8524E-08
rs534383948	G	A	0.03	0.0062758	2.8537E-08
rs73692206	C	T	0.05	0.0092621	2.854E-08
4:6034408_A_G	G	A	0.1	0.01	2.8545E-08
rs73281139	A	G	0.1	0.01	2.8562E-08
rs115505508	T	G	0.1	0.01	2.8573E-08
rs114245844	A	T	0.03	0.0070637	2.8576E-08
rs370742246	C	G	0.07	0.01	2.8586E-08
rs116053131	A	G	0.1	0.01	2.8589E-08
rs113501194	A	G	0.11	0.01	2.8599E-08
rs143647000	A	C	0.07	0.01	2.86E-08
rs148539383	C	T	0.1	0.01	2.8602E-08
rs78034500	C	T	0.1	0.01	2.8612E-08
rs139608826	A	C	0.1	0.01	2.8615E-08
rs143421207	A	G	0.05	0.0094251	2.8626E-08
rs12003011	G	A	0.1	0.01	2.8629E-08
rs116649075	C	G	0.1	0.01	2.8634E-08
rs115110486	G	A	0.16	0.03	2.8635E-08
rs73692204	C	T	0.05	0.0092625	2.8638E-08
rs115527457	G	A	0.06	0.01	2.8642E-08
rs185507053	G	C	1.42	0.25	2.8644E-08
rs535653996	G	A	0.11	0.02	2.8645E-08
rs78828713	A	G	0.26	0.04	2.8659E-08
rs147647011	A	G	0.1	0.01	2.8684E-08
rs550887868	C	A	0.13	0.02	2.8685E-08
rs10275162	T	C	0.09	0.01	2.8685E-08
rs184053370	C	T	0.21	0.03	2.8693E-08

rs116071877	A	G	0.21	0.03	2.8693E-08
rs184223897	A	G	0.21	0.03	2.8693E-08
rs193289836	T	A	0.21	0.03	2.8693E-08
rs529166193	C	T	0.03	0.0061583	2.8693E-08
6:10326997_G_A	A	G	0.04	0.0077441	2.8702E-08
rs144970752	G	T	0.05	0.009186	2.8704E-08
rs139303913	A	C	0.09	0.01	2.8707E-08
rs368320329	A	G	0.08	0.01	2.8717E-08
rs115214018	C	T	0.1	0.01	2.8729E-08
rs112131521	C	T	0.04	0.0074968	2.8736E-08
rs73692205	A	G	0.05	0.0092615	2.8741E-08
rs146787010	C	T	0.09	0.01	2.8743E-08
rs142105111	C	T	0.15	0.02	2.8744E-08
rs138919463	C	T	0.1	0.01	2.8748E-08
rs148566000	G	C	0.1	0.01	2.8748E-08
rs189980649	T	C	0.27	0.05	2.8763E-08
rs115775674	A	C	0.1	0.01	2.8765E-08
rs112727245	A	G	0.12	0.02	2.8772E-08
rs144502249	A	T	0.19	0.03	2.8775E-08
rs534894443	C	G	0.03	0.005588	2.8782E-08
rs189199485	A	G	0.01	0.0024779	2.8785E-08
rs116538393	G	A	0.1	0.01	2.8801E-08
rs553281864	A	C	0.03	0.0055585	2.8805E-08
rs113061684	T	G	0.04	0.0074696	2.8806E-08
rs142189106	T	C	0.1	0.01	2.882E-08
rs190572865	A	G	0.13	0.02	2.8823E-08
rs113284806	A	G	0.1	0.01	2.8829E-08
rs138966955	T	C	0.19	0.03	2.8833E-08
rs181619575	C	T	0.21	0.03	2.8834E-08
rs115405061	A	C	0.05	0.01	2.8836E-08
rs73649325	C	A	0.09	0.01	2.886E-08
rs143712519	G	T	0.1	0.01	2.8867E-08
rs60211142	G	A	0.03	0.0064004	2.8881E-08
rs115424450	T	C	0.05	0.0095477	2.8885E-08
rs79460855	G	C	0.06	0.01	2.8892E-08
rs146101844	G	C	0.05	0.0093952	2.8906E-08
rs147663232	T	C	0.11	0.02	2.8907E-08
rs150820063	C	A	0.11	0.02	2.8907E-08
rs185915304	G	C	0.12	0.02	2.8924E-08
rs140059869	A	G	0.02	0.003954	2.8934E-08
rs116421560	T	C	0.03	0.006364	2.8942E-08
rs181876504	A	G	0.05	0.0096891	2.895E-08
rs80028201	C	T	0.15	0.02	2.8959E-08
rs564586333	G	T	0.1	0.01	2.8975E-08
rs190022242	A	T	0.05	0.0097569	2.8981E-08
rs543132205	A	G	0.1	0.01	2.899E-08
rs182204127	G	T	0.21	0.03	2.8996E-08
rs145234354	C	T	0.1	0.01	2.9005E-08
rs570160911	A	G	0.1	0.01	2.9009E-08
rs145175851	G	T	0.1	0.01	2.9011E-08
rs151130251	A	T	0.1	0.01	2.9016E-08
rs140879386	G	A	0.15	0.02	2.9022E-08
rs78772371	T	A	0.05	0.0092602	2.9026E-08
rs545310403	T	C	0.05	0.0095797	2.9037E-08
rs137911284	T	C	0.1	0.01	2.9039E-08
rs187231599	A	G	0.21	0.03	2.9045E-08
rs115206890	G	A	0.05	0.0094834	2.9048E-08
rs150056782	A	G	0.04	0.0085896	2.9076E-08
rs137941833	T	C	0.1	0.01	2.9106E-08
rs73093375	C	A	0.17	0.03	2.9113E-08
rs57208252	A	C	0.03	0.0063604	2.9119E-08

rs116353551	G	A	0.05	0.0092525	2.912E-08
rs139556347	A	G	0.1	0.01	2.9123E-08
rs533576792	T	G	0.11	0.02	2.9147E-08
rs184708829	A	G	0.1	0.01	2.9163E-08
rs145426725	A	G	0.09	0.01	2.9164E-08
rs187742106	G	A	0.03	0.0064142	2.9171E-08
rs114587991	A	G	0.15	0.02	2.9182E-08
rs115000539	T	C	0.1	0.01	2.92E-08
rs190508409	T	C	0.11	0.02	2.9201E-08
rs150160666	A	C	0.06	0.01	2.9212E-08
rs61518562	C	T	0.03	0.0063966	2.9223E-08
rs138633216	G	A	0.1	0.01	2.9225E-08
rs55871862	T	C	0.05	0.01	2.9231E-08
rs114660174	A	G	0.1	0.01	2.9236E-08
rs1218572	G	A	-0.02	0.004874	2.9244E-08
rs150338629	C	G	0.12	0.02	2.9257E-08
rs145176284	G	A	0.1	0.01	2.9284E-08
rs149405003	A	G	0.09	0.01	2.9294E-08
rs73788517	T	C	0.24	0.04	2.9311E-08
6:75003380_C_A	A	C	0.03	0.0070216	2.932E-08
rs187954178	G	A	0.1	0.01	2.934E-08
rs73005953	C	G	0.1	0.01	2.9358E-08
rs7744505	T	C	0.05	0.01	2.9362E-08
rs564990348	T	C	0.1	0.01	2.9372E-08
rs74130584	C	T	0.1	0.01	2.938E-08
rs146581094	C	T	0.04	0.0085965	2.938E-08
rs73709818	G	C	0.05	0.0092951	2.9391E-08
rs140530989	T	C	0.16	0.02	2.9393E-08
rs9496272	T	C	0.05	0.009211	2.9393E-08
rs137902516	G	A	0.1	0.01	2.9398E-08
rs189472569	A	G	0.37	0.06	2.9408E-08
rs73551476	T	C	0.03	0.0062947	2.9434E-08
rs75517770	G	A	0.1	0.01	2.9456E-08
rs180848328	C	G	0.1	0.01	2.9461E-08
rs116438205	A	G	0.07	0.01	2.9492E-08
rs73694725	T	G	0.05	0.00946	2.9499E-08
rs921373	G	A	-0.04	0.0073112	2.9507E-08
rs185667082	T	C	0.1	0.01	2.9531E-08
rs141297099	C	G	0.1	0.01	2.9533E-08
rs145449858	C	T	0.01	0.0025808	2.9538E-08
rs140538377	T	C	0.09	0.01	2.9549E-08
rs140212767	A	G	0.05	0.01	2.9563E-08
rs77193383	C	T	0.05	0.0097324	2.9563E-08
rs114271863	G	A	0.1	0.01	2.9584E-08
rs767836113	G	C	0.03	0.0068926	2.9586E-08
rs115122679	T	C	0.06	0.01	2.9602E-08
rs140231862	T	C	0.12	0.02	2.9607E-08
rs115904150	C	T	0.1	0.01	2.9613E-08
rs750205003	A	G	0.01	0.0032816	2.9615E-08
rs116078984	T	C	0.17	0.03	2.962E-08
rs115022382	G	T	0.05	0.0096318	2.9646E-08
rs78217942	C	T	0.1	0.01	2.9661E-08
rs184760838	T	C	0.1	0.01	2.9665E-08
rs527475178	G	A	0.21	0.03	2.9668E-08
rs116640891	A	G	0.03	0.0063474	2.9677E-08
rs114373606	C	T	0.09	0.01	2.9685E-08
rs142415719	G	A	0.17	0.03	2.9701E-08
rs116348297	C	T	0.12	0.02	2.9701E-08
rs113503206	C	T	0.1	0.01	2.9718E-08
rs572308131	T	C	0.36	0.06	2.9727E-08
rs146281360	C	T	0.1	0.01	2.974E-08



rs192908831	G	T	0.1	0.01	2.9747E-08
rs74339326	T	C	0.06	0.01	2.9752E-08
rs79920438	G	A	0.1	0.01	2.9753E-08
rs150565500	T	C	0.1	0.01	2.9762E-08
rs147823577	T	C	0.03	0.0063536	2.9783E-08
rs139551012	A	G	0.09	0.01	2.9785E-08
rs79503455	A	C	0.06	0.01	2.9787E-08
rs149042494	G	T	0.1	0.01	2.9791E-08
rs184054056	T	C	0.02	0.0042421	2.9793E-08
rs77636746	A	C	0.1	0.01	2.9831E-08
rs184455480	T	A	0.1	0.01	2.9856E-08
rs531214464	T	C	0.1	0.01	2.9862E-08
rs79244735	T	A	0.05	0.0094011	2.9868E-08
rs148368249	A	T	0.06	0.01	2.9888E-08
rs114964805	A	G	0.08	0.01	2.989E-08
rs114278116	T	C	0.18	0.03	2.9893E-08
rs539620936	A	G	0.05	0.0092015	2.9894E-08
rs141303282	C	A	0.05	0.0093408	2.9895E-08
rs759782863	T	C	0.04	0.0084109	2.9901E-08
rs59888932	A	G	0.02	0.0050412	2.9905E-08
rs113344291	T	C	0.1	0.01	2.9922E-08
rs114150305	C	T	0.06	0.01	2.9954E-08
rs143116349	T	C	0.26	0.04	2.9954E-08
rs147441093	T	G	0.09	0.01	2.997E-08
rs184604190	C	T	0.03	0.0059787	2.9985E-08
rs189337398	G	T	0.05	0.0090504	2.9987E-08
rs183987975	A	G	0.05	0.0091907	2.9994E-08
rs114487179	T	C	0.06	0.01	3.0018E-08
rs73364372	A	G	0.1	0.01	3.002E-08
rs114613617	A	G	0.14	0.02	3.0021E-08
rs373995638	G	C	0.1	0.01	3.0038E-08
rs6701821	G	C	0.1	0.01	3.0042E-08
rs762155267	G	A	0.02	0.0047447	3.0051E-08
rs72909069	A	G	0.05	0.01	3.0057E-08
rs138837729	T	C	0.1	0.01	3.0072E-08
rs74895619	T	C	0.09	0.01	3.0074E-08
rs75476224	A	G	0.12	0.02	3.0103E-08
rs188474904	A	G	0.1	0.01	3.0132E-08
rs74831697	T	G	0.09	0.01	3.0175E-08
rs13375894	C	G	0.03	0.006345	3.0178E-08
rs112483478	C	T	0.09	0.01	3.0193E-08
rs56273041	G	A	0.03	0.0068913	3.0215E-08
rs73378270	G	T	0.05	0.0094426	3.0238E-08
rs528815055	G	A	0.09	0.01	3.0268E-08
rs9496243	G	T	0.05	0.0092297	3.0276E-08
8:78520270_G_T	T	G	0.1	0.01	3.0276E-08
rs115364538	T	C	0.05	0.0091907	3.0292E-08
rs74804627	A	C	0.11	0.02	3.0293E-08
rs13392516	T	C	0.05	0.0093214	3.0294E-08
rs114517076	C	T	0.1	0.01	3.0315E-08
rs138697109	T	C	0.1	0.01	3.0317E-08
rs78375176	G	A	0.09	0.01	3.0323E-08
rs142082955	T	C	0.07	0.01	3.0329E-08
rs530030223	A	G	0.03	0.0062786	3.0339E-08
rs367550227	C	T	0.1	0.01	3.0357E-08
rs563930781	T	C	0.03	0.0071559	3.0366E-08
rs115655115	A	C	0.09	0.01	3.0377E-08
rs148619722	A	G	0.11	0.02	3.0384E-08
rs372760577	A	T	0.11	0.02	3.0385E-08
rs112547397	T	C	0.1	0.01	3.0391E-08
rs59067769	G	A	0.08	0.01	3.0404E-08

rs73364394	C	T	0.1	0.01	3.0411E-08
rs6968019	T	C	0.1	0.01	3.0417E-08
rs7555962	A	G	0.11	0.02	3.0424E-08
rs115604437	A	C	0.04	0.0086235	3.0436E-08
rs146375738	G	T	0.04	0.0086235	3.0436E-08
rs569007166	T	G	0.07	0.01	3.0449E-08
rs186449398	A	G	0.27	0.04	3.0499E-08
rs537583433	C	A	0.1	0.01	3.0508E-08
rs79560069	G	A	0.05	0.0095571	3.0508E-08
rs185657268	T	C	0.09	0.01	3.0509E-08
rs115758758	T	C	0.1	0.01	3.0523E-08
rs765561709	C	G	0.02	0.00526	3.0547E-08
rs114418560	G	C	0.1	0.01	3.0554E-08
rs142138235	A	G	0.03	0.0063998	3.057E-08
rs775569200	T	G	0.02	0.0046003	3.0576E-08
rs778813655	C	A	0.03	0.006349	3.0579E-08
rs116374540	A	G	0.1	0.01	3.0601E-08
rs148783154	A	G	0.05	0.0095848	3.0661E-08
rs182566358	C	T	0.07	0.01	3.0673E-08
rs114058528	G	A	0.09	0.01	3.0683E-08
rs77542297	T	G	0.04	0.0075648	3.0721E-08
rs557405353	T	C	0.02	0.0041875	3.0727E-08
rs150989911	A	C	0.09	0.01	3.0728E-08
rs116137395	T	C	0.13	0.02	3.0732E-08
rs73692518	A	G	0.05	0.01	3.0762E-08
rs79222878	G	C	0.1	0.01	3.0769E-08
rs143383138	T	C	0.1	0.01	3.0773E-08
rs145340834	C	T	0.1	0.01	3.0791E-08
rs73654249	C	T	0.02	0.0049866	3.0796E-08
rs111562783	C	A	0.09	0.01	3.0825E-08
rs185695588	T	G	0.09	0.01	3.0825E-08
rs142419909	T	C	0.1	0.01	3.0845E-08
rs375894538	C	T	0.12	0.02	3.085E-08
rs189157687	G	A	0.04	0.0074245	3.0858E-08
rs115031825	T	C	0.1	0.01	3.0867E-08
rs139045891	C	T	3.23	0.58	3.0877E-08
rs190734158	T	C	0.03	0.0063553	3.0888E-08
rs139808113	G	A	0.09	0.01	3.089E-08
rs572472284	C	G	0.09	0.01	3.0902E-08
rs73469101	G	A	0.72	0.13	3.0923E-08
rs533967801	T	C	0.1	0.01	3.0924E-08
rs75676959	A	G	0.1	0.01	3.0935E-08
rs114232279	G	C	0.25	0.04	3.094E-08
rs138435315	T	C	0.22	0.04	3.0951E-08
rs149868396	C	T	0.09	0.01	3.0964E-08
rs112557315	T	C	0.05	0.0093476	3.0973E-08
rs138526645	A	G	0.12	0.02	3.0984E-08
rs9803672	G	C	0.03	0.0063881	3.0993E-08
rs78484415	C	G	0.1	0.01	3.1003E-08
rs143761182	T	C	0.09	0.01	3.1005E-08
rs368191717	T	C	0.1	0.01	3.1006E-08
rs572830826	T	C	0.02	0.0041858	3.1008E-08
rs75231589	T	C	0.1	0.01	3.1013E-08
rs116274935	T	A	0.05	0.0093999	3.1021E-08
rs114111655	C	T	0.09	0.01	3.1041E-08
rs139648848	C	G	0.02	0.0042593	3.1043E-08
rs181653553	A	G	0.14	0.02	3.1057E-08
rs10966926	T	C	0.1	0.01	3.1062E-08
rs116072429	A	T	0.12	0.02	3.1079E-08
rs146667099	T	C	0.1	0.01	3.1132E-08
rs77620121	C	G	0.07	0.01	3.1143E-08

rs187688807	C	T	0.13	0.02	3.1147E-08
rs566854272	G	A	0.03	0.0071481	3.1152E-08
rs78554282	G	C	0.1	0.01	3.1192E-08
rs113823739	G	A	0.09	0.01	3.1198E-08
rs544484758	C	T	0.11	0.02	3.1204E-08
rs75037073	C	A	0.09	0.01	3.1225E-08
rs181526881	G	A	0.1	0.01	3.1227E-08
rs114465437	G	A	0.33	0.05	3.1228E-08
rs112008451	T	G	0.05	0.0090503	3.123E-08
rs780219114	T	C	0.02	0.0050773	3.1238E-08
rs143644691	A	G	0.1	0.01	3.1243E-08
rs538803208	A	G	0.05	0.009392	3.1247E-08
rs73680447	T	C	0.05	0.0092642	3.1251E-08
rs76134521	C	T	0.1	0.01	3.1255E-08
rs3915063	G	A	0.05	0.0093734	3.1263E-08
7:72224198_G_A	A	G	0.05	0.0093208	3.1274E-08
rs148544553	A	C	0.06	0.01	3.128E-08
rs182981140	C	T	0.14	0.02	3.1287E-08
rs560839030	A	G	0.14	0.02	3.1287E-08
rs115181604	A	G	0.04	0.0087927	3.1294E-08
rs190452877	G	A	0.1	0.01	3.1295E-08
rs147296554	A	T	0.09	0.01	3.1299E-08
rs769057013	G	A	0.03	0.0064444	3.1315E-08
rs564522027	A	G	0.16	0.02	3.1329E-08
rs565296578	A	G	0.25	0.04	3.1331E-08
rs137889542	G	T	0.03	0.0061427	3.1338E-08
rs73680448	A	T	0.05	0.0092633	3.1341E-08
rs58843434	T	C	0.1	0.01	3.1353E-08
rs4296438	A	C	0.1	0.01	3.1357E-08
rs575978068	T	C	0.05	0.0095222	3.1362E-08
rs115609499	A	G	0.1	0.01	3.1371E-08
rs139759576	T	C	0.03	0.0063536	3.1404E-08
rs149129350	T	C	0.11	0.02	3.1404E-08
rs572915013	G	C	0.48	0.08	3.1418E-08
rs191732633	A	G	0.05	0.0094774	3.1435E-08
rs149348402	G	A	0.1	0.01	3.1441E-08
rs114760972	G	A	0.05	0.0093483	3.1447E-08
rs73384478	G	A	0.1	0.01	3.145E-08
rs555042602	T	C	0.1	0.01	3.1451E-08
rs73694784	A	G	0.05	0.0094772	3.1452E-08
rs775696200	G	A	0.05	0.0095722	3.1457E-08
rs777222380	C	T	0.01	0.0034471	3.1465E-08
rs7548199	T	C	0.03	0.0063432	3.1487E-08
rs538889758	C	T	0.34	0.06	3.1493E-08
rs140640828	C	A	0.1	0.01	3.1512E-08
rs78158058	C	T	0.03	0.0063309	3.1521E-08
rs114101634	C	A	0.19	0.03	3.1528E-08
2:120865345_G_A	A	G	0.02	0.0048941	3.1529E-08
rs373451018	A	G	0.1	0.01	3.1538E-08
rs60783807	C	T	0.08	0.01	3.1546E-08
rs115811570	A	G	0.07	0.01	3.1547E-08
rs145270233	T	C	0.03	0.0063312	3.1592E-08
rs189709892	T	G	0.01	0.0030333	3.1596E-08
rs10158935	T	A	0.03	0.0063312	3.1604E-08
rs4526252	A	G	0.1	0.01	3.1605E-08
rs146670794	C	G	0.1	0.01	3.1606E-08
rs78435191	A	G	0.1	0.01	3.1606E-08
rs539727185	T	C	0.1	0.01	3.1611E-08
rs7550827	T	C	0.03	0.00633	3.162E-08
rs116135340	C	A	0.1	0.01	3.1622E-08
rs528014865	A	G	0.09	0.01	3.1624E-08

rs190703626	C	G	0.13	0.02	3.1628E-08
rs369774011	C	G	0.1	0.01	3.1631E-08
rs77813863	C	T	0.03	0.0063387	3.1634E-08
rs115737149	T	C	0.09	0.01	3.164E-08
rs114712418	C	T	0.03	0.0063294	3.1654E-08
rs541957065	G	T	0.23	0.04	3.1657E-08
rs540499415	G	A	0.22	0.04	3.1665E-08
rs79418097	A	G	0.02	0.004975	3.1696E-08
rs114551765	C	T	0.1	0.01	3.1718E-08
rs77556556	A	G	0.12	0.02	3.1729E-08
rs113146631	A	G	0.13	0.02	3.1732E-08
rs73826610	C	T	0.1	0.01	3.1732E-08
rs148226504	T	C	0.09	0.01	3.1738E-08
rs202139820	G	A	0.11	0.01	3.1739E-08
rs2643432	C	G	-0.07	0.01	3.1748E-08
rs543317594	T	C	0.03	0.0056122	3.1775E-08
rs145158539	C	G	0.09	0.01	3.1782E-08
rs141898607	T	C	0.1	0.01	3.1798E-08
rs149491898	G	A	0.04	0.0089166	3.1805E-08
rs76718087	T	C	0.09	0.01	3.1811E-08
rs139181542	A	T	0.1	0.01	3.1812E-08
rs201166400	T	C	0.1	0.01	3.1818E-08
rs114093949	G	T	0.11	0.02	3.1824E-08
rs6911650	G	A	0.03	0.0064531	3.1829E-08
rs557908628	A	C	0.11	0.02	3.1835E-08
rs192751977	G	A	0.1	0.01	3.1861E-08
rs116422361	G	A	0.11	0.02	3.1864E-08
rs56899486	T	C	0.05	0.01	3.1866E-08
rs80231114	C	T	0.1	0.01	3.1877E-08
rs79413837	T	C	0.09	0.01	3.1888E-08
rs766662122	A	G	0.01	0.0032095	3.1904E-08
rs183529344	T	C	0.02	0.0045442	3.1909E-08
rs142330461	A	C	0.1	0.01	3.1926E-08
rs185510527	A	G	0.13	0.02	3.1936E-08
rs74909942	C	T	0.11	0.02	3.1937E-08
rs148458018	C	T	0.05	0.0099081	3.1963E-08
rs73757111	C	T	0.05	0.0094524	3.1981E-08
rs113287641	T	C	0.1	0.01	3.2009E-08
rs111350037	A	G	0.1	0.01	3.2009E-08
rs112448138	A	C	0.09	0.01	3.2026E-08
rs111262046	A	G	0.09	0.01	3.2026E-08
rs113232776	T	C	0.09	0.01	3.2026E-08
rs113629562	G	A	0.09	0.01	3.2026E-08
rs138944311	A	T	0.1	0.01	3.2038E-08
rs117506935	C	T	0.1	0.01	3.2052E-08
rs530247103	T	G	0.03	0.0063831	3.2059E-08
rs147148219	C	T	0.1	0.01	3.2059E-08
rs115908216	T	C	0.03	0.0063286	3.2069E-08
rs75824880	A	G	0.09	0.01	3.2074E-08
rs562879625	G	A	0.13	0.02	3.2076E-08
rs77546202	C	T	0.05	0.0094277	3.2085E-08
rs144355694	C	G	0.1	0.01	3.2096E-08
rs148173044	C	T	0.07	0.01	3.21E-08
rs377014303	C	T	0.01	0.0034961	3.2127E-08
rs190912218	G	A	0.06	0.01	3.2139E-08
rs116409083	C	T	0.1	0.01	3.2143E-08
rs183815118	T	G	0.16	0.02	3.2157E-08
rs115024583	A	C	0.05	0.0093194	3.2172E-08
rs115919127	G	A	0.1	0.01	3.218E-08
rs143594275	C	G	0.1	0.01	3.2184E-08
rs115835846	A	G	0.09	0.01	3.221E-08

rs77099051	T	C	0.1	0.01	3.2221E-08
rs565469217	A	G	0.0097014	0.0017547	3.2253E-08
rs555022547	A	G	0.09	0.01	3.2269E-08
rs543459369	C	T	0.12	0.02	3.2271E-08
rs145418498	A	G	0.1	0.01	3.2279E-08
7:3525740_C_G	G	C	0.01	0.00324	3.2284E-08
rs150550159	C	A	0.1	0.01	3.2286E-08
rs115680229	A	C	0.09	0.01	3.2289E-08
rs564578110	T	C	0.14	0.02	3.2289E-08
rs73005930	G	A	0.1	0.01	3.2292E-08
rs563449033	G	T	0.1	0.01	3.2297E-08
rs140655431	A	G	0.24	0.04	3.2306E-08
rs561120513	T	C	0.1	0.01	3.2313E-08
rs115263500	A	G	0.14	0.02	3.2314E-08
rs142407552	G	A	0.1	0.01	3.2316E-08
rs59034599	G	A	0.03	0.0062921	3.2321E-08
rs145590535	G	C	0.24	0.04	3.2323E-08
rs77377739	G	A	0.05	0.0094467	3.2341E-08
rs112998349	A	G	0.1	0.01	3.2342E-08
rs116068616	T	C	0.09	0.01	3.2355E-08
rs73009663	C	G	0.1	0.01	3.2359E-08
rs367792656	T	A	0.1	0.01	3.2362E-08
rs115965533	G	T	0.05	0.0094252	3.2362E-08
rs113930676	C	G	0.12	0.02	3.2384E-08
rs193218257	G	A	0.03	0.0063531	3.2385E-08
rs369610329	T	C	0.1	0.01	3.2395E-08
rs113932592	T	C	0.05	0.0094615	3.2399E-08
rs7563177	G	C	0.05	0.0097848	3.2429E-08
rs76573167	T	C	0.05	0.0093093	3.243E-08
rs143445442	C	G	0.13	0.02	3.2434E-08
rs554262440	C	T	0.18	0.03	3.2468E-08
rs113000480	A	G	0.09	0.01	3.2481E-08
rs77158884	A	C	0.1	0.01	3.2488E-08
rs369970779	A	G	0.1	0.01	3.2498E-08
rs6804927	T	G	0.01	0.002643	3.2502E-08
rs73690458	A	T	0.05	0.0092395	3.251E-08
rs115917371	T	G	0.06	0.01	3.2514E-08
rs73005933	G	A	0.1	0.01	3.2519E-08
rs115068497	C	T	0.1	0.01	3.2526E-08
rs536359384	A	G	0.05	0.0099755	3.2533E-08
rs9474870	T	A	0.04	0.00855	3.2541E-08
rs73005928	C	G	0.1	0.01	3.2559E-08
rs146417760	A	C	0.1	0.01	3.2563E-08
rs139408770	A	C	0.21	0.03	3.2588E-08
rs146059964	G	A	0.1	0.01	3.261E-08
rs114119568	G	A	0.13	0.02	3.2617E-08
rs539644844	A	G	0.05	0.009476	3.2622E-08
rs375896047	A	C	0.05	0.01	3.2641E-08
rs9814097	T	C	0.1	0.01	3.2648E-08
rs569784319	G	T	0.35	0.06	3.2652E-08
rs754886907	T	C	0.02	0.0049773	3.2662E-08
rs145272253	G	A	0.1	0.01	3.2663E-08
rs114134043	A	C	0.1	0.01	3.2674E-08
rs74531125	T	C	0.1	0.01	3.2674E-08
rs373803881	T	G	0.1	0.01	3.2708E-08
rs112707779	T	C	0.05	0.0092546	3.2717E-08
rs113179311	T	C	0.05	0.0092546	3.2717E-08
rs79089413	G	T	0.09	0.01	3.2725E-08
rs73005932	A	T	0.1	0.01	3.2733E-08
rs139108622	A	T	0.07	0.01	3.2739E-08
rs112425880	C	T	0.1	0.01	3.2749E-08

rs73005925	T	A	0.1	0.01	3.2749E-08
rs73005923	A	C	0.1	0.01	3.2749E-08
rs114656581	A	G	0.1	0.01	3.2768E-08
rs180686862	G	A	0.09	0.01	3.2782E-08
rs73994801	G	C	0.16	0.02	3.2785E-08
rs113328088	A	G	0.1	0.01	3.2797E-08
rs150083308	A	C	0.03	0.0063843	3.28E-08
rs76725607	G	C	0.17	0.03	3.2804E-08
rs112256857	C	G	0.1	0.01	3.2805E-08
rs78334955	T	A	0.09	0.01	3.2807E-08
rs78630746	T	A	0.05	0.0099538	3.2813E-08
rs570766090	A	G	0.1	0.01	3.2815E-08
rs191700542	G	A	0.03	0.0058511	3.2826E-08
rs577404458	C	T	0.11	0.02	3.2831E-08
rs113058044	A	T	0.09	0.01	3.284E-08
rs28677059	A	C	0.13	0.02	3.286E-08
rs573695074	T	C	0.04	0.0077916	3.289E-08
rs78118775	A	G	0.1	0.01	3.2891E-08
rs116701163	A	G	0.1	0.01	3.2904E-08
rs116821740	C	T	0.03	0.0063715	3.2905E-08
rs58176854	G	T	0.1	0.01	3.2908E-08
rs534152311	T	A	0.06	0.01	3.292E-08
rs182671337	A	T	0.09	0.01	3.292E-08
rs532728640	T	C	0.06	0.01	3.292E-08
rs369031760	C	G	0.1	0.01	3.294E-08
rs6957363	T	C	0.05	0.0094344	3.295E-08
rs114758574	G	C	0.1	0.01	3.2956E-08
rs114578500	T	C	0.1	0.01	3.2959E-08
rs768083002	T	C	0.02	0.0038255	3.2961E-08
rs72926257	A	C	0.01	0.002851	3.2964E-08
rs115082242	G	A	0.09	0.01	3.2982E-08
rs546732101	G	A	0.15	0.02	3.2984E-08
rs17155353	G	A	0.1	0.01	3.299E-08
rs115659342	A	G	0.05	0.0099879	3.3003E-08
rs77638846	C	T	0.09	0.01	3.3007E-08
rs533755643	A	G	0.05	0.0090572	3.3008E-08
rs772943789	T	C	0.03	0.0069482	3.3015E-08
rs768683258	G	T	0.03	0.00571	3.3027E-08
rs116036373	G	C	0.09	0.01	3.3029E-08
rs113356067	C	T	0.09	0.01	3.3037E-08
rs116933546	T	C	0.15	0.02	3.304E-08
rs907208	T	G	0.07	0.01	3.3044E-08
rs192040642	C	T	0.1	0.01	3.307E-08
rs144035474	A	C	0.1	0.01	3.3076E-08
rs116105383	A	C	0.05	0.009435	3.3082E-08
rs58253316	T	G	0.02	0.0052997	3.3093E-08
rs79296478	A	G	0.1	0.01	3.3131E-08
rs115610278	A	G	0.1	0.01	3.3131E-08
rs148219828	G	C	0.06	0.01	3.3143E-08
rs78259158	T	A	0.11	0.02	3.3143E-08
rs114942852	T	C	0.15	0.02	3.3147E-08
rs189764760	T	C	0.08	0.01	3.3148E-08
rs11990595	T	G	0.02	0.0047893	3.3159E-08
rs114774402	C	A	0.09	0.01	3.3176E-08
rs75517443	T	C	0.14	0.02	3.3183E-08
rs745716551	T	C	0.07	0.01	3.3189E-08
rs568222817	T	C	0.1	0.01	3.3204E-08
rs75785410	A	G	0.02	0.0050273	3.321E-08
rs564280143	T	C	0.15	0.02	3.3211E-08
rs57633297	C	A	0.05	0.0092861	3.3242E-08
rs186546348	T	C	0.19	0.03	3.3254E-08

rs151010433	G	A	0.1	0.01	3.3281E-08
rs139872629	A	T	0.09	0.01	3.3289E-08
rs187069675	A	G	0.19	0.03	3.3291E-08
rs77148762	T	C	0.03	0.0063698	3.3325E-08
rs111790649	A	C	0.04	0.0073839	3.3326E-08
rs147402121	G	T	0.1	0.01	3.3332E-08
rs369192751	T	C	0.16	0.02	3.3343E-08
rs754855336	G	T	0.03	0.0063326	3.3359E-08
7:71089910_G_A	A	G	0.04	0.0079229	3.336E-08
rs555544597	G	C	0.1	0.01	3.3377E-08
rs1633503	C	T	-0.05	0.0092842	3.339E-08
rs114238957	T	C	0.06	0.01	3.34E-08
rs565815882	T	C	0.05	0.0099247	3.3403E-08
rs17026772	C	G	0.05	0.01	3.3411E-08
rs138792686	G	A	0.05	0.0094108	3.3466E-08
rs114920667	G	T	0.03	0.0066085	3.3491E-08
rs139558569	A	C	0.06	0.01	3.3511E-08
rs6742185	A	C	0.05	0.0092508	3.3521E-08
rs530439409	C	T	0.1	0.01	3.3522E-08
rs113914041	C	T	0.09	0.01	3.353E-08
rs112592549	A	G	0.04	0.0073825	3.3547E-08
rs149289384	T	C	0.13	0.02	3.3549E-08
rs114817187	A	C	0.08	0.01	3.3566E-08
rs544257350	C	T	0.1	0.01	3.3575E-08
rs74475708	G	C	0.1	0.01	3.3579E-08
rs77562470	C	T	0.05	0.01	3.3581E-08
rs140414207	G	A	0.1	0.01	3.3585E-08
rs182658632	T	G	0.06	0.01	3.3597E-08
rs78859995	A	G	0.1	0.01	3.3602E-08
rs7756325	A	G	0.05	0.0094406	3.3605E-08
rs114014871	G	C	0.09	0.01	3.3614E-08
3:37559746_C_T	T	C	0.04	0.0074128	3.3622E-08
rs76769578	A	G	0.07	0.01	3.3625E-08
rs142462186	A	G	0.32	0.05	3.3655E-08
rs147789982	C	T	0.03	0.0069071	3.366E-08
rs187651787	A	G	0.01	0.003342	3.3723E-08
rs17881648	T	C	0.09	0.01	3.3733E-08
rs114802034	G	C	0.1	0.01	3.374E-08
rs142878735	C	T	0.13	0.02	3.3744E-08
rs756251528	T	C	0.03	0.0065952	3.3756E-08
rs75559685	C	A	0.21	0.03	3.3769E-08
rs113612042	A	G	0.09	0.01	3.3769E-08
rs149272317	C	T	0.06	0.01	3.3789E-08
rs17026214	G	A	0.1	0.01	3.3802E-08
rs76939820	G	T	0.05	0.009437	3.3806E-08
rs73109729	A	G	0.04	0.008846	3.3812E-08
rs574185126	T	C	0.08	0.01	3.3828E-08
rs73994796	T	C	0.16	0.02	3.3831E-08
rs149589143	C	G	0.09	0.01	3.3885E-08
rs146109494	A	G	0.12	0.02	3.3899E-08
rs146640883	T	C	0.12	0.02	3.39E-08
rs13388716	T	C	0.09	0.01	3.3905E-08
rs115221481	T	C	0.09	0.01	3.3905E-08
rs115855427	C	T	0.09	0.01	3.3923E-08
rs116582805	C	T	0.03	0.0061008	3.3935E-08
rs74632268	T	C	0.1	0.01	3.3935E-08
rs759510442	G	A	0.02	0.0044204	3.3942E-08
rs142119070	A	G	0.1	0.01	3.398E-08
rs752545709	A	C	0.01	0.0031276	3.3992E-08
rs869961	T	C	0.05	0.009915	3.3996E-08
rs188168939	T	C	0.13	0.02	3.3997E-08

rs139811619	A	G	0.26	0.04	3.4006E-08
rs146237798	C	G	0.08	0.01	3.4007E-08
rs73522029	A	G	0.13	0.02	3.4022E-08
rs10157264	C	T	0.03	0.0063666	3.4024E-08
rs150246467	T	C	0.1	0.01	3.4035E-08
rs563207175	A	C	0.05	0.0097013	3.406E-08
rs183937626	T	G	0.1	0.01	3.4067E-08
rs74524886	T	C	0.09	0.01	3.4101E-08
rs35211475	T	G	0.09	0.01	3.4124E-08
rs141603582	C	G	0.09	0.01	3.4127E-08
rs142295951	C	T	0.1	0.01	3.4139E-08
rs73797516	T	C	0.1	0.01	3.414E-08
rs77790493	A	T	0.03	0.0063869	3.4148E-08
rs74980878	T	C	0.03	0.0063789	3.4161E-08
rs146874499	G	A	0.06	0.01	3.4184E-08
rs182092790	T	C	0.09	0.01	3.4213E-08
rs114611924	T	C	0.04	0.0079136	3.422E-08
rs61181803	G	A	0.12	0.02	3.4224E-08
rs371362525	A	T	0.11	0.02	3.4224E-08
rs575795974	G	A	0.1	0.01	3.4232E-08
rs193021203	A	G	0.14	0.02	3.4233E-08
rs75759755	A	G	0.09	0.01	3.4237E-08
rs186907201	T	A	0.1	0.01	3.4245E-08
rs184650926	G	A	0.09	0.01	3.4247E-08
rs114270436	G	T	0.09	0.01	3.4248E-08
rs188965814	T	A	0.12	0.02	3.4249E-08
rs145716768	C	G	0.1	0.01	3.425E-08
rs557000702	A	G	0.1	0.01	3.4282E-08
rs17030383	A	G	0.09	0.01	3.4303E-08
rs74567501	A	T	0.12	0.02	3.4303E-08
rs140982308	C	A	0.1	0.01	3.4311E-08
rs115075158	T	G	0.1	0.01	3.4313E-08
rs190398063	G	A	0.1	0.01	3.4327E-08
rs188649102	A	G	0.03	0.007016	3.435E-08
rs78091699	T	A	0.06	0.01	3.4353E-08
rs75265527	G	A	0.09	0.01	3.4355E-08
rs142883559	A	C	0.05	0.0094751	3.4355E-08
rs148946254	T	C	0.03	0.0054609	3.4358E-08
8:142386693_C_T	T	C	0.04	0.0078217	3.4368E-08
rs73694785	A	G	0.05	0.0094538	3.4389E-08
rs288328	C	T	0.1	0.01	3.439E-08
rs60477778	T	C	0.1	0.01	3.4393E-08
rs150425544	T	C	0.18	0.03	3.4427E-08
rs72939030	C	T	0.08	0.01	3.4429E-08
rs138104633	T	C	0.12	0.02	3.4443E-08
rs543871861	T	G	0.21	0.03	3.4456E-08
rs73378251	C	T	0.03	0.0069551	3.4457E-08
rs140668102	G	C	0.04	0.0084307	3.4459E-08
rs73385260	G	A	0.12	0.02	3.448E-08
rs530392364	C	T	0.09	0.01	3.4483E-08
rs11999309	A	C	0.1	0.01	3.4485E-08
rs78495980	G	T	0.03	0.0064597	3.4487E-08
rs550837472	T	C	0.04	0.0074565	3.4522E-08
rs142809492	T	C	0.1	0.01	3.4525E-08
rs79494363	C	T	0.1	0.01	3.4526E-08
rs60949997	G	A	0.05	0.0092357	3.4533E-08
rs558309673	T	C	0.11	0.02	3.4535E-08
rs138263099	T	C	0.15	0.02	3.4538E-08
rs553211998	G	T	0.01	0.002046	3.4545E-08
rs368322990	T	C	0.02	0.0049439	3.4548E-08
rs184758636	A	G	0.2	0.03	3.4554E-08



rs117579663	G	A	0.1	0.01	3.4566E-08
rs147031297	C	T	0.05	0.01	3.4572E-08
rs74483887	C	T	0.04	0.0077718	3.4575E-08
rs75876536	A	G	0.1	0.01	3.458E-08
rs180802719	G	A	0.1	0.01	3.4588E-08
rs112865719	A	C	0.09	0.01	3.4589E-08
rs148724909	A	C	0.25	0.04	3.4602E-08
rs558075474	A	C	0.14	0.02	3.4614E-08
rs150073105	A	G	0.03	0.0064845	3.4621E-08
rs117681895	G	A	0.1	0.01	3.4624E-08
rs545820106	T	A	0.02	0.0048158	3.4626E-08
rs116686790	T	C	0.09	0.01	3.4628E-08
rs116128586	T	C	0.16	0.03	3.4628E-08
rs532372055	C	T	0.1	0.01	3.4628E-08
rs371588767	A	C	0.07	0.01	3.4638E-08
rs111330472	A	G	0.13	0.02	3.4651E-08
rs115039809	A	G	0.1	0.01	3.4657E-08
rs73698733	C	T	0.06	0.01	3.4676E-08
rs28619329	C	A	0.01	0.0030002	3.4695E-08
rs41420046	A	G	0.09	0.01	3.4698E-08
rs7755782	C	T	0.1	0.01	3.4704E-08
rs570921938	A	T	0.11	0.02	3.4707E-08
rs117488140	A	T	0.11	0.02	3.4707E-08
rs139465319	C	A	0.1	0.01	3.471E-08
rs139736610	A	G	0.14	0.02	3.4728E-08
rs193116472	G	C	0.12	0.02	3.473E-08
rs28841953	C	T	0.1	0.01	3.4731E-08
rs200397681	A	G	0.05	0.0095606	3.4736E-08
rs115704415	T	A	0.19	0.03	3.4739E-08
rs200958817	A	G	0.09	0.01	3.474E-08
rs116364650	A	C	0.05	0.0095408	3.4761E-08
rs535055234	C	T	0.15	0.02	3.4766E-08
rs78477970	C	G	0.14	0.02	3.4768E-08
rs113193221	C	A	0.09	0.01	3.4775E-08
rs184763804	T	G	0.19	0.03	3.4779E-08
rs192490299	G	A	0.19	0.03	3.4779E-08
rs542303944	A	T	0.26	0.04	3.4793E-08
rs114389598	G	A	0.09	0.01	3.4821E-08
rs145843764	C	T	0.08	0.01	3.4822E-08
rs376947227	G	T	0.06	0.01	3.4827E-08
rs150348941	C	G	0.15	0.02	3.4851E-08
rs748565168	G	A	0.02	0.0040009	3.4856E-08
rs142701379	C	G	0.12	0.02	3.4858E-08
rs116184212	G	A	0.09	0.01	3.4876E-08
rs61493775	A	C	0.09	0.01	3.488E-08
rs569630173	T	C	0.1	0.01	3.4881E-08
rs184999178	C	T	0.1	0.01	3.4888E-08
rs138022879	T	C	0.03	0.0071684	3.4889E-08
rs114706618	G	A	0.1	0.01	3.49E-08
rs111921069	A	G	0.11	0.02	3.4907E-08
rs559877310	G	A	0.02	0.0051551	3.491E-08
rs144834033	C	A	0.09	0.01	3.4928E-08
rs151099113	T	C	0.1	0.01	3.4941E-08
rs141770580	A	G	0.09	0.01	3.4965E-08
rs115859354	C	T	0.09	0.01	3.4969E-08
rs142047374	G	C	0.13	0.02	3.4991E-08
rs544756109	C	A	0.03	0.0065474	3.5019E-08
rs184050741	T	C	0.09	0.01	3.5033E-08
rs144807291	T	C	0.05	0.01	3.5037E-08
rs140391920	G	A	0.1	0.01	3.5042E-08
rs149508708	A	C	0.05	0.0097473	3.5055E-08

rs59428476	C	T	0.1	0.01	3.508E-08
rs146098100	T	C	0.04	0.0075396	3.5102E-08
rs530516201	C	A	0.05	0.0097407	3.5105E-08
rs575283981	T	G	0.04	0.0078528	3.5108E-08
rs190315764	G	A	0.19	0.03	3.5117E-08
rs535880393	A	G	0.09	0.01	3.5165E-08
rs189653972	C	T	0.1	0.01	3.5166E-08
rs372510737	T	G	0.03	0.0054455	3.5167E-08
rs569388931	A	G	0.11	0.02	3.5185E-08
rs546846465	A	G	0.48	0.08	3.5205E-08
rs556117148	T	C	0.1	0.01	3.521E-08
rs75016976	A	G	0.1	0.01	3.5238E-08
rs149114610	C	G	0.15	0.02	3.5243E-08
rs114169189	A	G	0.45	0.08	3.526E-08
rs56094390	T	G	0.03	0.0067022	3.5266E-08
rs115727403	T	A	0.05	0.0094264	3.5273E-08
rs116644320	A	G	0.1	0.01	3.5296E-08
rs139741859	C	T	0.05	0.0090836	3.5303E-08
rs184718442	T	A	0.05	0.0090836	3.5303E-08
rs553213993	T	C	0.13	0.02	3.5335E-08
rs77322915	T	C	0.08	0.01	3.5357E-08
rs17077652	A	G	0.03	0.0066626	3.5359E-08
rs116718396	C	T	0.05	0.0095793	3.5365E-08
rs80117075	T	C	0.09	0.01	3.5365E-08
2:121299110_C_A	A	C	0.03	0.0068145	3.5383E-08
rs544557901	G	C	0.1	0.01	3.5405E-08
rs542943365	G	A	0.11	0.02	3.5408E-08
rs76132465	G	A	0.13	0.02	3.543E-08
rs187192564	A	G	0.01	0.0029293	3.5437E-08
rs189217583	T	C	0.06	0.01	3.5439E-08
rs374276597	T	C	0.08	0.01	3.5445E-08
rs112651381	T	A	0.09	0.01	3.5466E-08
rs192050353	G	C	0.09	0.01	3.5492E-08
rs146222426	C	A	0.03	0.0071721	3.5497E-08
rs73680449	A	G	0.05	0.0092554	3.5507E-08
rs139146337	G	C	0.25	0.04	3.552E-08
rs10054095	T	C	0.08	0.01	3.5522E-08
rs142964205	A	G	0.08	0.01	3.5529E-08
rs79885268	C	T	0.1	0.01	3.5529E-08
rs139123697	A	T	0.08	0.01	3.5548E-08
rs139771293	C	T	0.08	0.01	3.5562E-08
rs115857565	T	C	0.03	0.0071508	3.5566E-08
rs186315551	C	A	0.47	0.08	3.5567E-08
rs78621190	A	G	0.1	0.01	3.5616E-08
rs188332717	C	A	0.1	0.01	3.5635E-08
rs190465971	G	T	0.1	0.01	3.5658E-08
rs529248405	C	T	0.12	0.02	3.5662E-08
rs80200672	G	A	0.1	0.01	3.5663E-08
rs141355828	G	T	0.24	0.04	3.568E-08
rs144264097	T	C	0.1	0.01	3.5724E-08
rs184443991	T	G	0.03	0.0062093	3.5725E-08
rs142060257	A	C	0.05	0.0096346	3.5726E-08
rs763050361	T	A	0.03	0.0056887	3.5729E-08
rs149433693	T	C	0.03	0.0064903	3.5733E-08
rs113101225	G	A	0.1	0.01	3.574E-08
rs115984562	A	G	0.05	0.01	3.5742E-08
rs2295678	C	T	0.23	0.04	3.5748E-08
6:154234688_G_A	A	G	0.03	0.006422	3.5749E-08
rs114660369	G	C	0.1	0.01	3.5761E-08
rs117907079	C	G	0.03	0.0062713	3.5763E-08
rs138604329	A	G	0.08	0.01	3.5789E-08

rs55904197	T	G	0.09	0.01	3.5791E-08
rs145864404	A	G	0.09	0.01	3.5818E-08
rs2876977	C	T	0.05	0.009387	3.5821E-08
rs183779736	T	C	0.1	0.01	3.5824E-08
rs765688986	T	G	0.03	0.0065582	3.5825E-08
rs73574493	C	G	0.09	0.01	3.5846E-08
rs145970624	G	A	0.26	0.04	3.5855E-08
rs59287240	T	C	0.03	0.0063084	3.5863E-08
rs530223465	A	G	0.1	0.01	3.5866E-08
rs74523768	T	C	0.05	0.0092069	3.5877E-08
rs79484490	T	C	0.1	0.01	3.5888E-08
rs16836971	G	A	0.03	0.006309	3.5891E-08
rs186001970	C	T	0.09	0.01	3.5908E-08
rs181286791	T	C	0.21	0.03	3.5919E-08
rs76407759	T	C	0.05	0.0095088	3.5924E-08
rs768689978	G	A	0.03	0.0063615	3.5932E-08
1:2550874_A_G	G	A	0.05	0.0098968	3.5949E-08
rs111480994	C	T	0.1	0.01	3.5966E-08
rs536253446	T	C	0.1	0.01	3.5971E-08
rs572720757	A	G	0.04	0.0084976	3.5985E-08
rs13357797	C	T	0.1	0.01	3.5988E-08
rs144521837	G	A	0.1	0.01	3.5998E-08
rs190512063	T	A	0.04	0.0077669	3.6005E-08
rs145418541	G	A	0.1	0.01	3.6022E-08
rs12060574	C	T	0.1	0.01	3.6028E-08
rs111419061	C	T	0.08	0.01	3.6031E-08
rs150525388	C	T	0.09	0.01	3.6034E-08
rs117170558	G	T	0.1	0.01	3.604E-08
rs115955620	T	C	0.09	0.01	3.6061E-08
rs6949052	C	G	0.1	0.01	3.6063E-08
rs12059190	G	T	0.1	0.01	3.6081E-08
5:57797603_C_T	T	C	0.05	0.01	3.6093E-08
rs779235270	A	G	0.02	0.0054301	3.6113E-08
rs552224476	T	A	0.02	0.0053259	3.6148E-08
rs529624624	C	T	0.07	0.01	3.6154E-08
rs114714648	C	T	0.03	0.006336	3.6158E-08
rs73350165	G	A	0.03	0.0070649	3.6176E-08
rs113722431	T	C	0.11	0.02	3.6202E-08
rs538879321	T	C	0.1	0.01	3.6213E-08
rs146917992	A	T	0.1	0.01	3.6228E-08
rs77326792	A	G	0.02	0.0038917	3.6234E-08
rs79902706	A	G	0.05	0.0092061	3.6238E-08
rs191622494	G	T	0.15	0.02	3.6253E-08
rs113375583	C	T	0.01	0.0029965	3.6304E-08
rs1922673	G	A	0.03	0.0062984	3.6329E-08
rs549187625	A	C	0.04	0.0083147	3.6346E-08
rs75939802	A	G	0.09	0.01	3.6347E-08
rs528113736	T	C	0.03	0.0063968	3.635E-08
rs78416048	C	T	0.1	0.01	3.6354E-08
rs138921426	T	C	0.24	0.04	3.6355E-08
rs141090416	T	C	0.03	0.0063359	3.6361E-08
rs775196932	T	C	0.01	0.0026718	3.6365E-08
rs188871592	A	C	0.1	0.01	3.6368E-08
rs187839002	T	A	0.09	0.01	3.6369E-08
rs537173890	A	G	0.13	0.02	3.6372E-08
rs78343156	G	A	0.11	0.02	3.6375E-08
rs528856602	T	G	0.02	0.0051194	3.6404E-08
rs182752274	G	A	0.09	0.01	3.6406E-08
rs145598822	T	C	0.09	0.01	3.6408E-08
rs114560238	T	C	0.09	0.01	3.641E-08
rs553654668	C	T	0.17	0.03	3.6414E-08

rs147347001	T	C	0.1	0.01	3.6467E-08
rs187198836	A	G	0.03	0.0063961	3.6474E-08
rs572832019	A	T	0.1	0.01	3.6475E-08
rs564261014	T	C	0.19	0.03	3.6481E-08
rs76307308	A	G	0.1	0.01	3.6486E-08
rs10266080	A	G	0.05	0.01	3.6486E-08
rs553325305	G	A	0.02	0.0048925	3.654E-08
rs138623512	A	G	0.05	0.0093838	3.6545E-08
rs554786296	C	T	0.2	0.03	3.6546E-08
rs112844849	G	A	0.17	0.03	3.6575E-08
2:186642075_G_A	A	G	0.09	0.01	3.659E-08
rs190322030	T	C	0.09	0.01	3.6627E-08
rs145234728	G	A	0.09	0.01	3.6632E-08
rs77023970	G	A	0.05	0.0093688	3.6638E-08
rs572379560	C	T	0.05	0.01	3.6645E-08
rs79842300	G	A	0.03	0.0063358	3.6664E-08
rs116104139	T	C	0.05	0.0094616	3.668E-08
rs72926255	G	A	0.01	0.0026619	3.6708E-08
rs140215048	G	A	0.09	0.01	3.6713E-08
rs77071333	C	T	0.03	0.0063976	3.6716E-08
8:140899129_A_G	G	A	0.01	0.0034995	3.6727E-08
rs187146847	A	G	0.03	0.0066757	3.6731E-08
rs142461079	T	C	0.06	0.01	3.674E-08
rs73180780	A	G	0.13	0.02	3.6743E-08
rs116662556	A	G	0.1	0.01	3.6748E-08
rs114341602	C	T	0.09	0.01	3.675E-08
rs79394572	A	T	0.05	0.0093682	3.6751E-08
rs541474398	C	A	0.1	0.01	3.6761E-08
rs114456686	G	C	0.09	0.01	3.6767E-08
rs373567873	T	C	0.09	0.01	3.6777E-08
rs141373786	A	G	0.1	0.01	3.68E-08
rs184517412	G	A	0.1	0.01	3.6846E-08
rs116459796	T	G	0.1	0.01	3.6917E-08
rs147060503	T	C	0.24	0.04	3.6918E-08
rs578196062	T	C	0.1	0.01	3.6919E-08
rs115203987	C	T	0.05	0.0094149	3.692E-08
rs74445278	A	C	0.09	0.01	3.6953E-08
rs187294495	A	G	0.09	0.01	3.6956E-08
rs115262318	C	G	0.05	0.0092978	3.6958E-08
rs184780499	T	C	0.1	0.01	3.696E-08
rs115411913	T	C	0.05	0.009206	3.697E-08
rs76281054	T	G	0.1	0.01	3.6975E-08
rs75608339	G	A	0.05	0.0092978	3.698E-08
rs746468793	C	T	0.03	0.0070831	3.7001E-08
rs74872818	A	T	0.09	0.01	3.7012E-08
rs77803538	G	A	0.1	0.01	3.7028E-08
rs146052920	T	C	0.06	0.01	3.7031E-08
rs73350157	T	G	0.03	0.0069408	3.7045E-08
rs75922575	T	G	0.05	0.01	3.7049E-08
rs543655041	C	T	0.03	0.0066066	3.7085E-08
rs149507137	C	G	0.05	0.0095283	3.7093E-08
rs184648867	T	C	0.1	0.01	3.7101E-08
rs148343407	G	A	0.1	0.01	3.7119E-08
rs139032836	A	G	0.09	0.01	3.7121E-08
rs543549899	C	G	0.02	0.0040378	3.7127E-08
rs148944347	A	G	0.1	0.01	3.713E-08
rs569452073	T	C	0.1	0.01	3.713E-08
rs143393115	A	G	0.09	0.01	3.7138E-08
rs181416700	T	A	0.21	0.03	3.7143E-08
rs551538652	C	T	0.42	0.07	3.7152E-08
rs115065383	T	C	0.05	0.0092974	3.7164E-08

rs145820372	T	G	0.09	0.01	3.7196E-08
rs201246170	A	G	0.1	0.01	3.7209E-08
rs10271261	C	A	0.13	0.02	3.721E-08
rs114611622	T	C	0.09	0.01	3.722E-08
rs76624509	G	C	0.1	0.01	3.7249E-08
rs185105894	T	C	0.1	0.01	3.7264E-08
rs185983379	T	A	0.07	0.01	3.7288E-08
rs116532753	G	A	0.12	0.02	3.7294E-08
rs115153304	G	A	0.09	0.01	3.7302E-08
rs540254826	A	G	0.1	0.01	3.732E-08
rs116659817	T	C	0.61	0.11	3.7328E-08
rs183025368	C	T	0.1	0.01	3.7339E-08
rs138806226	T	G	0.06	0.01	3.7342E-08
rs141303547	T	C	0.09	0.01	3.7364E-08
rs79180581	T	A	0.1	0.01	3.7371E-08
rs144691962	C	G	0.23	0.04	3.7383E-08
rs543679053	T	A	0.04	0.0072738	3.7385E-08
rs138555423	T	G	0.09	0.01	3.7388E-08
rs115185697	C	G	0.1	0.01	3.7402E-08
rs77471280	A	G	0.08	0.01	3.7406E-08
rs866556974	A	C	0.05	0.0096721	3.7416E-08
2:136284216_G_T	T	G	0.04	0.008518	3.7421E-08
rs73423923	G	A	0.05	0.01	3.7435E-08
rs143341949	A	G	0.05	0.0093945	3.7477E-08
rs142661312	C	T	0.09	0.01	3.7484E-08
rs75975208	G	A	0.03	0.0063657	3.7492E-08
rs549518209	T	C	0.06	0.01	3.7512E-08
rs115211195	T	G	0.1	0.01	3.752E-08
rs142579097	C	G	0.1	0.01	3.7521E-08
rs138155886	G	A	0.07	0.01	3.7529E-08
rs149852265	A	G	0.1	0.01	3.7532E-08
rs188614882	A	C	0.07	0.01	3.7533E-08
rs116428496	C	G	0.1	0.01	3.7537E-08
rs116017381	T	C	0.09	0.01	3.7562E-08
rs564841543	A	G	0.1	0.01	3.7567E-08
rs369419428	T	C	0.14	0.02	3.7578E-08
rs771597654	G	A	0.02	0.0050611	3.7602E-08
rs149797897	T	G	0.09	0.01	3.7626E-08
rs116197670	G	T	0.06	0.01	3.7627E-08
rs114416189	A	C	0.22	0.04	3.764E-08
rs141951192	T	G	0.09	0.01	3.7663E-08
rs143075535	A	G	0.05	0.0096389	3.7665E-08
rs77185009	T	C	0.1	0.01	3.7666E-08
rs77863467	C	T	0.1	0.01	3.7678E-08
rs73680463	A	T	0.05	0.0092799	3.768E-08
rs147945694	G	C	0.05	0.0093948	3.7704E-08
rs561910798	A	G	0.06	0.01	3.7707E-08
rs76424881	G	A	0.09	0.01	3.7729E-08
rs115864792	A	G	0.1	0.01	3.7763E-08
rs141422887	G	A	0.18	0.03	3.7765E-08
rs1561367	A	G	0.1	0.01	3.7769E-08
rs146985248	G	A	0.1	0.01	3.7769E-08
rs185968409	C	A	0.04	0.0081583	3.777E-08
rs144608861	T	C	0.09	0.01	3.7771E-08
rs191960078	G	A	0.1	0.01	3.7776E-08
rs189425718	T	C	0.19	0.03	3.7777E-08
rs757149056	A	T	0.03	0.0058808	3.7787E-08
rs112689512	G	A	0.1	0.01	3.7789E-08
rs115192831	G	T	0.1	0.01	3.7793E-08
rs369627201	T	C	0.07	0.01	3.78E-08
rs143284697	C	A	0.18	0.03	3.7873E-08

rs142311715	G	T	0.1	0.01	3.7878E-08
rs530067801	T	C	0.05	0.0094543	3.7887E-08
rs146477367	G	T	0.09	0.01	3.7891E-08
rs144451997	T	G	0.06	0.01	3.7894E-08
rs139610313	A	G	0.09	0.01	3.7903E-08
rs79543046	T	C	0.05	0.0092092	3.7905E-08
rs150117848	C	T	0.1	0.01	3.792E-08
rs144372927	T	G	0.13	0.02	3.7936E-08
rs527789126	T	C	0.09	0.01	3.7945E-08
rs550407549	G	T	0.09	0.01	3.795E-08
rs141025739	C	T	0.01	0.0025475	3.7952E-08
rs141260184	G	A	0.1	0.01	3.7953E-08
rs150646646	A	G	0.2	0.03	3.7982E-08
rs151233394	A	G	0.05	0.0094053	3.8015E-08
rs549595741	A	C	0.02	0.0048341	3.804E-08
rs73690431	A	G	0.05	0.0092191	3.8057E-08
rs151229871	T	C	0.1	0.01	3.8058E-08
rs115281490	T	C	0.05	0.0092655	3.806E-08
rs188822872	G	T	0.14	0.02	3.8065E-08
rs144498973	G	C	0.18	0.03	3.8071E-08
rs146206626	G	C	0.09	0.01	3.8118E-08
rs80173184	G	A	0.09	0.01	3.8126E-08
rs542852276	G	A	0.09	0.01	3.8137E-08
rs587625190	A	G	0.04	0.0090838	3.8167E-08
rs140722451	G	T	0.05	0.0094383	3.8183E-08
rs115317426	T	C	0.1	0.01	3.819E-08
rs148913677	T	C	0.04	0.0086058	3.8196E-08
rs73534282	C	G	0.02	0.0041714	3.8208E-08
rs17123226	C	A	0.09	0.01	3.8223E-08
rs146381461	T	C	0.1	0.01	3.8241E-08
rs552339607	C	T	0.09	0.01	3.8242E-08
rs147875552	T	C	0.11	0.02	3.8264E-08
rs115623346	C	T	0.09	0.01	3.8278E-08
rs116671584	T	C	0.09	0.01	3.8285E-08
rs78605096	C	T	0.1	0.01	3.8323E-08
rs75177009	C	T	0.09	0.01	3.8331E-08
rs74730958	A	G	0.05	0.009686	3.8343E-08
rs143938043	C	A	0.13	0.02	3.8353E-08
rs141348639	A	G	0.05	0.0094899	3.8379E-08
rs747561458	T	C	0.03	0.0062624	3.8385E-08
rs116441211	A	C	0.09	0.01	3.839E-08
rs147656818	G	A	0.09	0.01	3.8407E-08
rs189203487	G	A	4.18	0.76	3.8422E-08
rs73350143	C	G	0.03	0.0065032	3.8423E-08
rs79039246	C	T	0.1	0.01	3.843E-08
rs75807788	C	T	0.09	0.01	3.8434E-08
rs17337282	G	A	0.09	0.01	3.8458E-08
rs113747611	C	T	0.09	0.01	3.8458E-08
rs149784979	A	G	0.13	0.02	3.8484E-08
rs113678547	A	G	0.1	0.01	3.8493E-08
rs143395597	A	G	0.12	0.02	3.8523E-08
rs188413374	T	C	0.04	0.0082	3.8556E-08
rs57306196	C	T	0.1	0.01	3.8573E-08
3:52451760_T_C	C	T	0.02	0.0051576	3.8589E-08
rs532235405	T	C	0.05	0.0094959	3.8599E-08
rs188089849	C	A	0.18	0.03	3.8604E-08
rs113695002	G	A	0.1	0.01	3.8605E-08
rs112462892	A	G	0.04	0.0076591	3.8614E-08
rs144824547	A	G	0.12	0.02	3.8641E-08
rs749484513	C	G	0.02	0.0048256	3.865E-08
rs79045767	C	T	0.05	0.0093784	3.8684E-08

rs183924926	T	A	0.1	0.01	3.8704E-08
rs140661950	G	T	0.09	0.01	3.8722E-08
rs28673455	G	C	0.12	0.02	3.874E-08
rs115877971	A	G	0.09	0.01	3.8783E-08
rs76429081	G	A	0.1	0.01	3.8793E-08
rs111162470	A	G	0.1	0.01	3.8798E-08
rs150125599	C	T	0.12	0.02	3.8843E-08
rs114492018	C	T	0.04	0.0090601	3.8859E-08
rs191278762	T	C	0.1	0.01	3.8869E-08
rs142309026	G	A	0.12	0.02	3.8908E-08
rs10188960	T	C	0.02	0.0047635	3.8913E-08
rs190116813	C	T	0.01	0.0023801	3.8937E-08
rs79705355	C	T	0.1	0.01	3.8939E-08
rs76790724	G	C	0.03	0.0064612	3.8959E-08
rs79219645	T	C	0.04	0.0085569	3.8965E-08
rs57224506	A	C	0.08	0.01	3.8972E-08
rs147718997	T	C	0.09	0.01	3.8973E-08
rs17030392	A	G	0.09	0.01	3.8994E-08
rs75319909	A	G	0.09	0.01	0.000000039
rs79214540	A	G	0.05	0.0092939	3.9002E-08
rs377411574	C	T	0.1	0.01	3.9005E-08
rs78555687	T	C	0.05	0.0091394	3.9011E-08
rs144027335	G	T	0.1	0.01	3.9021E-08
rs145555645	C	T	0.1	0.01	3.9032E-08
rs17076793	T	G	0.09	0.01	3.9044E-08
rs142669620	T	C	0.05	0.0091966	3.9072E-08
rs112217811	T	C	0.13	0.02	3.9086E-08
rs189999222	A	C	0.03	0.0066652	3.9092E-08
rs116799844	A	G	0.1	0.01	3.9106E-08
rs185597588	G	A	0.09	0.01	3.9122E-08
rs113657049	C	T	0.03	0.0063668	3.913E-08
rs115998002	C	T	0.17	0.03	3.9131E-08
rs149390658	C	A	0.09	0.01	3.9132E-08
rs114966089	T	C	0.09	0.01	3.9144E-08
rs115973478	T	C	0.1	0.01	3.9153E-08
rs548935175	G	C	0.09	0.01	3.9186E-08
rs149702391	T	G	0.05	0.009679	3.9197E-08
rs75597995	T	G	0.05	0.0091957	3.9201E-08
rs549484132	C	G	0.14	0.02	3.9202E-08
rs574821009	T	C	0.04	0.0073868	3.9224E-08
rs115258116	G	C	0.08	0.01	3.9225E-08
rs73680450	T	C	0.05	0.0092281	3.9268E-08
rs548940990	C	A	0.1	0.01	3.9285E-08
rs369448542	C	T	0.09	0.01	3.9313E-08
rs758922330	T	C	0.04	0.0088739	3.9352E-08
rs185062584	C	T	1.28	0.23	3.9372E-08
rs184098047	C	A	0.03	0.0064442	3.9373E-08
rs183218784	T	C	1.34	0.24	3.9388E-08
rs188092763	G	T	0.12	0.02	3.9389E-08
rs555694548	C	T	0.13	0.02	3.9396E-08
rs137884541	C	T	0.1	0.01	3.9401E-08
rs372158503	G	T	0.1	0.01	3.9404E-08
rs112075530	T	C	0.11	0.02	3.9407E-08
rs77358096	A	G	0.09	0.01	3.9416E-08
rs115045510	A	G	0.1	0.01	3.9436E-08
rs138119463	A	G	0.07	0.01	3.9455E-08
rs79225731	T	C	0.06	0.01	3.9492E-08
rs547329575	A	G	0.1	0.01	3.9498E-08
rs115766413	A	G	0.09	0.01	3.9504E-08
rs139668636	A	G	0.25	0.04	3.9513E-08
rs11804731	G	T	0.11	0.02	3.9543E-08

rs112083530	T	C	0.05	0.0091953	3.9543E-08
rs116042617	C	A	0.1	0.01	3.955E-08
rs116479711	A	C	0.1	0.01	3.9566E-08
rs532166126	A	G	0.01	0.003487	3.9593E-08
rs533166215	A	G	0.06	0.01	3.96E-08
rs150206671	C	T	0.05	0.0093078	3.9633E-08
rs560731790	T	C	0.05	0.0092196	3.964E-08
rs79050812	C	T	0.04	0.0083255	3.9641E-08
rs78375386	A	C	0.04	0.0086795	3.9685E-08
rs116129910	A	G	0.09	0.01	3.9713E-08
rs73380614	A	C	0.09	0.01	3.9735E-08
rs557821791	C	T	0.02	0.0053986	3.9737E-08
rs549943806	T	C	0.12	0.02	3.9739E-08
rs112510845	T	C	0.04	0.007556	3.9743E-08
rs74781023	G	T	0.12	0.02	3.976E-08
rs140713432	T	C	0.1	0.01	3.9775E-08
rs141009904	C	T	0.1	0.01	3.9775E-08
rs141170944	C	T	0.1	0.01	3.9779E-08
rs143185389	C	T	0.1	0.01	3.9779E-08
rs189524931	T	A	0.1	0.01	3.9779E-08
rs148369943	T	C	0.1	0.01	3.9785E-08
rs140853636	G	A	0.1	0.01	3.9793E-08
rs372024654	A	G	0.1	0.01	3.9795E-08
rs74501638	C	G	0.1	0.01	3.9796E-08
rs73667552	C	T	0.03	0.0069354	3.9798E-08
rs187197495	T	C	0.2	0.03	3.9801E-08
rs185223818	C	T	0.05	0.0097302	3.9806E-08
rs183393880	A	G	0.09	0.01	3.9828E-08
rs6758280	T	C	0.05	0.0091949	3.983E-08
rs182437169	G	A	0.1	0.01	3.983E-08
rs537785815	G	A	0.05	0.0094159	3.9833E-08
rs769783392	C	T	0.02	0.0043788	3.984E-08
rs76896968	G	A	0.03	0.0065776	3.9858E-08
rs115024192	G	C	0.09	0.01	3.9879E-08
rs145367103	C	T	0.1	0.01	3.988E-08
rs568627384	C	G	0.15	0.02	3.9929E-08
rs17076796	C	T	0.09	0.01	3.9932E-08
rs192589698	A	T	0.09	0.01	3.9937E-08
rs747755080	G	A	0.02	0.0041677	3.9943E-08
rs139291383	G	C	0.09	0.01	3.9945E-08
rs538077435	T	C	0.13	0.02	3.9957E-08
rs182021808	T	C	0.12	0.02	3.9982E-08
rs111700459	G	A	0.09	0.01	3.9985E-08
rs573542199	A	G	0.02	0.0041793	0.00000004
rs553187409	T	A	0.02	0.0048967	4.0017E-08
rs147696837	A	G	0.24	0.04	4.0024E-08
rs76104677	C	T	0.05	0.0093404	4.0027E-08
rs12083151	T	C	0.19	0.03	4.0032E-08
rs140669473	G	C	0.1	0.01	4.0035E-08
rs189726756	T	C	0.1	0.01	4.0035E-08
rs73535235	C	T	0.09	0.01	4.005E-08
rs140261117	T	A	0.1	0.01	4.0057E-08
rs377726476	A	G	0.09	0.01	4.0069E-08
rs73772510	C	T	0.11	0.02	4.0075E-08
rs77325234	G	T	0.09	0.01	4.0079E-08
rs6736791	C	T	0.09	0.01	4.0086E-08
rs148463122	A	G	0.03	0.0065704	4.0086E-08
rs529825750	A	T	0.21	0.03	4.0087E-08
rs530079279	T	G	0.02	0.004839	4.0119E-08
rs9850131	G	A	0.1	0.01	4.0123E-08
rs115528243	G	A	0.05	0.0095227	4.0123E-08



rs115701532	A	C	0.08	0.01	4.0124E-08
rs116215244	A	T	0.09	0.01	4.0139E-08
rs114150411	G	A	0.1	0.01	4.0147E-08
rs190417534	G	A	0.02	0.0043888	4.0198E-08
rs370993882	A	G	0.09	0.01	4.0215E-08
rs79187281	G	C	0.1	0.01	4.0225E-08
rs116298693	G	A	0.1	0.01	4.0245E-08
rs142375357	G	A	0.12	0.02	4.0248E-08
rs144327037	G	A	0.1	0.01	4.0264E-08
rs150635287	T	C	0.1	0.01	4.0297E-08
rs141022013	A	G	0.1	0.01	4.0315E-08
rs138597354	T	A	0.05	0.0094016	4.0315E-08
rs114881771	T	C	0.09	0.01	4.0348E-08
rs146519651	A	G	0.09	0.01	4.0352E-08
rs116405834	T	G	0.1	0.01	4.0354E-08
rs149663174	A	G	0.05	0.0093947	4.0387E-08
rs770170525	C	T	0.05	0.0093567	4.0391E-08
rs139186140	C	T	0.14	0.02	4.0417E-08
rs114477293	C	A	0.1	0.01	4.0432E-08
rs116068466	C	A	0.1	0.01	4.0433E-08
rs188489614	T	A	0.1	0.01	4.0454E-08
rs114049631	T	C	0.11	0.02	4.0474E-08
rs143330519	T	C	0.09	0.01	4.0487E-08
rs559281463	T	C	0.08	0.01	4.0495E-08
rs11132463	T	C	0.16	0.03	4.0501E-08
rs144442884	G	C	0.09	0.01	4.0504E-08
rs191431855	T	A	0.09	0.01	4.052E-08
rs7011277	G	T	0.09	0.01	4.0521E-08
rs139639602	C	T	0.02	0.0049095	4.054E-08
rs545406616	T	G	0.11	0.02	4.0541E-08
rs375924794	G	A	0.1	0.01	4.0575E-08
rs114651690	T	C	0.09	0.01	4.0599E-08
rs372294439	G	C	0.05	0.0091504	4.0631E-08
rs11132464	G	C	0.16	0.03	4.0634E-08
rs115175408	T	G	0.09	0.01	4.0646E-08
rs146580733	G	C	0.1	0.01	4.0652E-08
rs537313239	A	T	0.02	0.0038949	4.0657E-08
rs191540295	A	G	0.02	0.004035	4.067E-08
rs138498982	A	G	0.13	0.02	4.0688E-08
rs148815177	A	C	0.11	0.02	4.0689E-08
rs532884145	C	T	0.01	0.0035689	4.0706E-08
rs143486674	G	A	0.09	0.01	4.0716E-08
rs576360542	C	T	0.06	0.01	4.0734E-08
rs115612714	T	C	0.08	0.01	4.0736E-08
rs143274227	T	C	0.04	0.0072994	4.075E-08
rs142240066	G	C	0.12	0.02	4.0765E-08
rs141155326	T	A	0.15	0.02	4.0785E-08
rs115365368	G	A	0.05	0.01	4.0803E-08
rs114932920	T	C	0.09	0.01	4.0804E-08
rs140959382	T	C	0.09	0.01	4.0821E-08
rs73001707	G	A	0.06	0.01	4.0821E-08
rs77963599	G	C	0.11	0.02	4.0822E-08
rs116230374	A	G	0.06	0.01	4.0845E-08
rs141742159	T	C	0.01	0.003524	4.0862E-08
rs150725925	T	C	0.05	0.01	4.0867E-08
rs75207623	T	C	0.09	0.01	4.0881E-08
rs116315145	A	G	0.19	0.03	4.0882E-08
rs568741168	C	T	0.03	0.0063047	4.0917E-08
rs186840117	C	T	0.05	0.0092991	4.0925E-08
rs116093265	T	C	0.09	0.01	4.0926E-08
rs114849596	T	G	0.03	0.0065942	4.0933E-08

rs185287413	A	T	0.1	0.01	4.0944E-08
rs186371754	T	C	0.13	0.02	4.0945E-08
rs148648497	C	T	0.09	0.01	4.0947E-08
rs191613497	C	T	0.09	0.01	4.0994E-08
rs748799815	G	A	0.03	0.0064462	4.0997E-08
rs6749527	T	C	0.03	0.0071896	0.000000041
rs537506914	T	C	0.02	0.0053297	0.000000041
rs72864680	T	G	0.11	0.02	4.1005E-08
rs149010999	A	G	0.11	0.02	4.1026E-08
rs73374798	C	T	0.1	0.01	4.1032E-08
rs151085485	T	A	0.12	0.02	4.1051E-08
rs752137549	C	T	0.01	0.0028083	4.1058E-08
rs145347012	T	A	0.05	0.0092917	4.1071E-08
rs148537268	G	A	0.13	0.02	4.1074E-08
rs544859770	C	G	0.09	0.01	4.1076E-08
rs142959882	T	G	0.04	0.0079133	4.1082E-08
rs189591656	A	G	0.12	0.02	4.109E-08
rs587748820	A	G	0.2	0.03	4.1098E-08
rs538130249	C	T	0.78	0.14	4.1098E-08
rs368925649	G	A	0.1	0.01	4.1113E-08
rs115808624	T	A	0.1	0.01	4.1138E-08
rs141160232	C	T	0.09	0.01	4.1159E-08
rs114797632	A	G	0.09	0.01	4.1173E-08
rs113751628	T	A	0.08	0.01	4.1175E-08
rs188750271	A	T	0.07	0.01	4.118E-08
rs77655002	T	C	0.06	0.01	4.1189E-08
rs566103396	C	T	0.09	0.01	4.1219E-08
rs139025556	C	T	0.1	0.01	4.1221E-08
rs191536147	C	T	0.07	0.01	4.1223E-08
rs78674171	A	C	0.08	0.01	4.1239E-08
rs141398057	A	T	0.09	0.01	4.1263E-08
rs115441687	G	A	0.09	0.01	4.1265E-08
rs111687736	A	G	0.03	0.0071409	4.1275E-08
rs151031696	G	A	0.09	0.01	4.129E-08
rs141532119	G	A	0.1	0.01	4.1298E-08
rs77222863	T	G	0.03	0.0063138	4.1305E-08
rs140710929	G	A	0.03	0.006751	4.1319E-08
rs777530556	C	A	0.03	0.0057988	4.1322E-08
rs773421116	A	G	0.02	0.005309	4.1335E-08
rs140105897	T	C	0.05	0.01	4.1337E-08
rs9852931	T	C	0.1	0.01	4.1345E-08
rs192555119	T	C	0.03	0.0064119	4.1353E-08
rs539825300	T	C	0.04	0.0086698	4.1355E-08
rs145131784	G	A	0.1	0.01	4.1363E-08
rs575413335	T	G	0.03	0.0064036	4.1393E-08
rs143751861	C	T	0.09	0.01	4.1402E-08
rs549275599	A	G	0.28	0.05	4.141E-08
rs112963245	T	C	0.04	0.0089892	4.1411E-08
rs73729449	T	C	0.03	0.0066556	4.1432E-08
rs114631970	G	C	0.11	0.02	4.1437E-08
rs79649556	A	T	0.09	0.01	4.1444E-08
rs539032512	T	C	0.1	0.01	4.1447E-08
rs549673791	T	G	0.1	0.01	4.1471E-08
rs114632570	G	A	0.09	0.01	4.1473E-08
rs113061495	A	G	0.1	0.01	4.1494E-08
rs149537643	C	G	0.1	0.01	4.1506E-08
rs139180401	A	T	0.09	0.01	4.1512E-08
rs149620093	T	C	0.1	0.01	4.1514E-08
rs35207024	G	A	0.09	0.01	4.1544E-08
rs575051458	G	C	0.1	0.01	4.1563E-08
rs185405957	G	A	0.19	0.03	4.1571E-08

rs189553453	T	C	0.09	0.01	4.1572E-08
rs559884095	C	T	0.03	0.0063001	4.1594E-08
rs185067450	A	G	0.09	0.01	4.1608E-08
rs186083179	G	T	0.09	0.01	4.1608E-08
rs143409335	G	A	0.14	0.02	4.1643E-08
rs372071117	A	G	0.12	0.02	4.1674E-08
rs73752110	A	G	0.09	0.01	4.1677E-08
rs115807099	T	C	0.05	0.0092447	4.1683E-08
rs112187014	C	T	0.03	0.0064024	4.169E-08
rs185558211	C	T	0.05	0.0092481	4.1693E-08
rs115396252	A	G	0.06	0.01	4.1693E-08
rs189530906	C	G	0.16	0.03	4.1703E-08
rs528798395	C	G	0.02	0.005369	4.1724E-08
rs11973544	T	C	0.05	0.0098318	4.1735E-08
rs547016851	C	T	0.05	0.0096852	4.1738E-08
rs191180536	A	T	0.05	0.0091552	4.1741E-08
rs148726980	C	A	0.09	0.01	4.1743E-08
rs545690920	A	G	0.09	0.01	4.1762E-08
rs112519912	T	C	0.09	0.01	4.1775E-08
rs181483176	T	G	0.1	0.01	4.1821E-08
rs115668969	T	C	0.02	0.0042022	4.183E-08
rs114506212	A	G	0.1	0.01	4.1847E-08
rs576779299	T	C	0.03	0.006702	4.1851E-08
rs182867318	T	C	0.09	0.01	4.1859E-08
rs75097046	C	T	0.11	0.02	4.1885E-08
rs114325551	T	C	0.09	0.01	4.1903E-08
rs539062770	T	C	0.1	0.01	4.1904E-08
rs75606443	G	A	0.1	0.01	4.1942E-08
rs113276651	A	C	0.09	0.01	4.1949E-08
rs146602826	C	G	0.14	0.02	4.1962E-08
rs138287843	C	T	2.07	0.37	4.1967E-08
rs148654938	G	A	0.1	0.01	4.197E-08
rs181203989	G	C	0.1	0.01	4.197E-08
rs770230196	C	G	0.02	0.0040799	4.1971E-08
rs187508633	C	A	0.01	0.0021301	4.1982E-08
rs112090143	T	C	0.16	0.03	4.1998E-08
rs115341746	T	G	0.09	0.01	4.2012E-08
rs545891155	A	G	0.11	0.02	4.202E-08
rs142861756	G	A	0.09	0.01	4.2043E-08
rs113225410	T	G	0.03	0.0071349	4.2073E-08
rs529626899	A	C	0.16	0.03	4.2079E-08
rs186471263	T	C	0.12	0.02	4.208E-08
rs76661951	C	G	0.03	0.0063084	4.2086E-08
rs147908774	T	A	0.09	0.01	4.2088E-08
rs144034099	C	T	0.09	0.01	4.209E-08
rs114533236	A	G	0.1	0.01	4.2104E-08
rs112793409	A	C	0.03	0.0071349	4.2106E-08
rs183457496	A	G	0.1	0.01	4.2107E-08
rs192126790	T	G	0.09	0.01	4.2109E-08
rs190181598	A	G	0.05	0.0094141	4.2124E-08
rs112763519	C	G	0.03	0.0071344	4.2127E-08
rs191076471	C	T	0.02	0.0037448	4.2137E-08
rs114631609	A	G	0.1	0.01	4.2156E-08
rs587722462	C	A	0.09	0.01	4.2187E-08
rs141621188	C	T	0.09	0.01	4.2201E-08
rs189940429	A	C	0.03	0.0072528	4.2203E-08
rs115573241	A	G	0.09	0.01	4.2209E-08
rs114400209	T	C	0.1	0.01	4.2217E-08
rs754376187	A	G	0.02	0.0043682	4.2227E-08
rs73535240	T	C	0.09	0.01	4.2232E-08
rs7749725	A	G	0.1	0.01	4.227E-08

rs77489317	T	G	0.09	0.01	4.2277E-08
rs112063667	A	G	0.09	0.01	4.2278E-08
rs140215957	A	G	0.1	0.01	4.2287E-08
rs114171522	G	A	0.09	0.01	4.2307E-08
rs139579621	C	T	0.09	0.01	4.2315E-08
rs116243047	T	C	0.09	0.01	4.2341E-08
rs555565162	T	C	0.17	0.03	4.236E-08
rs186611694	T	C	0.26	0.04	4.2371E-08
rs570520800	A	T	0.17	0.03	4.2389E-08
1:2510045_T_C	C	T	0.05	0.0099638	4.2432E-08
rs76249642	G	A	2.78	0.5	4.245E-08
rs115512691	G	C	0.09	0.01	4.2477E-08
rs187378287	G	A	0.09	0.01	4.2487E-08
rs75091938	G	C	0.09	0.01	4.2494E-08
rs192992490	T	G	0.1	0.01	4.2502E-08
rs142900850	G	A	1.33	0.24	4.2518E-08
rs56009460	T	C	0.05	0.0092717	4.2519E-08
rs140497856	A	G	0.08	0.01	4.2529E-08
rs28644405	G	A	0.09	0.01	4.253E-08
rs76525052	T	G	0.09	0.01	4.2543E-08
rs75432097	C	T	0.06	0.01	4.255E-08
rs186093910	C	G	0.21	0.03	4.2551E-08
rs566006881	C	T	0.25	0.04	4.2568E-08
rs111618942	A	C	0.04	0.0073147	4.2613E-08
rs190617913	T	C	0.09	0.01	4.2683E-08
rs114051744	C	T	0.02	0.0040841	4.2689E-08
rs77158611	C	A	0.1	0.01	4.2693E-08
rs74379941	C	T	0.05	0.0092205	4.2695E-08
rs149698257	C	T	0.1	0.01	4.2696E-08
8:144737867_A_G	G	A	0.03	0.0064548	4.2708E-08
rs564602891	G	A	0.06	0.01	4.2742E-08
rs566965517	G	A	0.02	0.0041247	4.2744E-08
rs77339879	G	A	0.09	0.01	4.2761E-08
rs148036009	C	T	0.09	0.01	4.2771E-08
rs80092704	T	G	0.04	0.0088284	4.2771E-08
rs587767589	T	C	0.1	0.01	4.2775E-08
rs150896945	A	G	0.1	0.01	4.2782E-08
rs542714868	G	A	0.03	0.0057298	4.2785E-08
rs117827629	T	C	0.33	0.06	4.2798E-08
rs78848832	C	T	0.1	0.01	4.2809E-08
rs146433287	T	G	0.1	0.01	4.2841E-08
rs559702068	T	C	0.1	0.01	4.2846E-08
rs560887443	C	T	0.1	0.01	4.2847E-08
rs111519204	G	T	0.04	0.0089578	4.285E-08
rs114852461	A	G	0.09	0.01	4.2859E-08
rs116559690	A	G	0.09	0.01	4.2866E-08
rs115988166	A	T	0.09	0.01	4.287E-08
rs73809504	T	C	0.09	0.01	4.2886E-08
rs537416337	G	A	0.03	0.0071282	4.2895E-08
rs73350145	A	G	0.03	0.0064941	4.2913E-08
rs115977367	A	T	0.09	0.01	4.2926E-08
rs116514463	A	C	0.09	0.01	4.293E-08
rs568495210	A	G	0.09	0.01	4.2941E-08
rs143717559	C	T	0.1	0.01	4.2949E-08
rs115374192	G	A	0.03	0.0069676	4.2957E-08
rs13374779	A	T	0.03	0.0063209	4.2958E-08
rs368797988	T	G	0.1	0.01	4.2968E-08
9:138920188_C_A	A	C	0.04	0.0076197	4.2974E-08
rs531971992	T	C	0.09	0.01	4.2975E-08
rs547385723	A	G	0.17	0.03	4.2982E-08
rs75309909	G	T	0.05	0.0093795	4.2985E-08

rs111433077	C	T	0.12	0.02	4.299E-08
rs77573663	G	T	0.09	0.01	4.2998E-08
rs140585406	A	G	1.33	0.24	4.3018E-08
rs147427699	T	C	1.33	0.24	4.3018E-08
rs115812068	T	C	0.09	0.01	4.3029E-08
rs116532009	T	C	0.1	0.01	4.3045E-08
rs148196755	G	T	0.09	0.01	4.3065E-08
rs116639957	C	T	0.09	0.01	4.3074E-08
rs587666952	T	C	0.12	0.02	4.3078E-08
rs145796137	T	C	0.05	0.009277	4.3082E-08
rs78720495	C	T	0.09	0.01	4.3096E-08
rs567419636	A	G	0.09	0.01	4.3123E-08
rs9869844	A	C	0.09	0.01	4.3167E-08
rs369975603	A	C	0.09	0.01	4.3183E-08
rs147142826	T	C	0.05	0.01	4.3187E-08
rs565555789	G	T	0.1	0.01	4.3207E-08
rs146929038	C	T	0.09	0.01	4.3212E-08
rs114090092	C	G	0.09	0.01	4.3214E-08
rs7011714	G	A	0.09	0.01	4.3218E-08
rs150822323	G	A	0.09	0.01	4.3228E-08
rs587758096	A	G	0.11	0.02	4.3245E-08
7:39990897_G_A	A	G	0.05	0.01	4.326E-08
rs113407027	C	T	0.29	0.05	4.3274E-08
rs190519865	G	A	0.1	0.01	4.3281E-08
rs146258663	T	C	0.25	0.04	4.3286E-08
rs116146983	T	G	0.09	0.01	4.3305E-08
rs77939888	T	C	0.05	0.0093932	4.3324E-08
rs114809463	T	C	0.05	0.0092541	4.3345E-08
rs745492373	A	G	0.02	0.0041775	4.3374E-08
rs189309929	A	G	0.05	0.0091825	4.338E-08
rs765144778	C	T	0.02	0.0048041	4.339E-08
rs73654254	C	T	0.03	0.0072198	4.341E-08
rs114363437	T	C	0.29	0.05	4.3418E-08
rs111572687	C	T	0.03	0.007132	4.344E-08
rs111679028	G	A	0.1	0.01	4.3453E-08
rs7528212	C	T	0.03	0.0060559	4.3455E-08
rs7520759	T	C	0.03	0.0060559	4.3463E-08
rs573757662	A	C	0.05	0.0092339	4.3503E-08
rs550488772	T	C	0.09	0.01	4.3509E-08
rs769684744	T	C	0.03	0.0063636	4.3553E-08
rs73515322	T	A	0.09	0.01	4.3558E-08
rs184506885	A	G	0.09	0.01	4.3562E-08
rs142902073	T	C	0.1	0.01	4.3574E-08
rs73845068	T	G	0.05	0.01	4.3574E-08
rs73831217	G	A	0.05	0.0092661	4.3604E-08
rs187539165	T	C	0.52	0.09	4.3615E-08
rs114827637	C	T	0.05	0.0092695	4.3626E-08
rs116159804	T	C	0.09	0.01	4.363E-08
rs112591155	C	T	0.03	0.006308	4.3644E-08
rs73350160	C	A	0.03	0.0070192	4.3653E-08
rs58414682	G	A	0.01	0.0034116	4.3664E-08
rs11989807	T	C	0.09	0.01	4.3673E-08
rs75019710	A	C	0.05	0.0094376	4.3684E-08
rs562269816	G	A	0.03	0.0059158	4.3685E-08
rs774704048	G	C	0.02	0.0050697	4.3695E-08
rs73831209	T	C	0.05	0.0092656	4.3698E-08
rs73690454	C	T	0.05	0.0092067	4.3703E-08
rs146653189	A	G	0.04	0.00911	4.3717E-08
rs191872091	C	A	0.03	0.0063608	4.3718E-08
rs149238154	C	G	0.09	0.01	4.3751E-08
rs9311325	C	T	0.09	0.01	4.3754E-08

rs573363908	T	C	0.03	0.0056315	4.3759E-08
rs186072277	A	G	0.09	0.01	4.3771E-08
rs374980710	A	G	0.1	0.01	4.3787E-08
rs143892060	T	C	0.09	0.01	4.3793E-08
rs141909112	T	C	0.11	0.02	4.3826E-08
rs535532978	T	C	0.1	0.01	4.383E-08
rs10460870	G	A	0.01	0.0026278	4.3838E-08
rs74689282	C	T	0.05	0.0094393	4.3842E-08
rs114379878	C	T	0.08	0.01	4.3844E-08
rs758010529	T	C	0.02	0.003858	4.3845E-08
rs146076545	G	A	0.09	0.01	4.3857E-08
rs55886113	C	T	0.09	0.01	4.3919E-08
rs116199262	C	T	0.07	0.01	4.3939E-08
rs78416342	C	T	0.09	0.01	4.3948E-08
rs189508885	C	T	0.09	0.01	4.3968E-08
rs115697141	C	A	0.05	0.0092392	4.398E-08
rs562269928	C	G	0.12	0.02	4.4082E-08
rs116003546	A	C	0.14	0.02	4.4086E-08
rs140780028	T	C	0.09	0.01	4.4126E-08
rs114547447	A	G	0.04	0.0085989	4.4129E-08
rs114461016	T	C	0.09	0.01	4.4132E-08
rs544782786	A	G	0.01	0.0030593	4.4151E-08
rs554125163	T	G	0.03	0.0057688	4.4156E-08
rs368258283	C	G	0.1	0.01	4.4169E-08
rs17841811	T	C	0.09	0.01	4.4173E-08
rs182334494	G	C	0.05	0.0091611	4.4178E-08
rs13313018	T	C	0.05	0.0092304	4.4182E-08
rs571974125	T	C	0.1	0.01	4.4188E-08
rs60067354	C	T	0.09	0.01	4.4197E-08
rs151293169	A	G	0.09	0.01	4.4208E-08
rs115114346	C	T	0.09	0.01	4.4258E-08
rs2514216	T	C	0.05	0.0091735	4.4265E-08
rs189845525	T	C	0.09	0.01	4.4268E-08
rs77247865	C	T	0.22	0.04	4.427E-08
rs74794432	T	C	0.09	0.01	4.4279E-08
rs140253568	G	A	0.09	0.01	4.428E-08
rs201946192	G	A	0.2	0.03	4.4283E-08
rs191879131	G	A	0.09	0.01	4.4284E-08
rs79272348	C	T	0.05	0.009317	4.4305E-08
rs757418022	A	G	0.03	0.0059857	4.4308E-08
rs114889903	A	T	0.04	0.008768	4.4313E-08
rs74707565	A	T	0.09	0.01	4.4317E-08
rs564637564	C	A	0.01	0.0033474	4.4326E-08
rs118127513	G	A	0.13	0.02	4.4329E-08
rs186960589	A	G	0.11	0.02	4.4332E-08
rs137876740	G	A	1.79	0.32	4.4352E-08
rs115109899	C	T	0.07	0.01	4.4362E-08
rs140054535	C	A	0.1	0.01	4.4365E-08
rs74982912	G	A	0.03	0.0062881	4.4384E-08
rs77282645	A	G	0.1	0.01	4.4392E-08
rs181980886	C	T	0.09	0.01	4.4394E-08
rs76478897	T	C	0.05	0.0094235	4.4408E-08
rs138496374	G	C	0.05	0.0092859	4.4421E-08
rs79282816	A	C	0.09	0.01	4.4427E-08
rs139443823	A	G	0.09	0.01	4.4445E-08
rs139679974	T	G	0.06	0.01	4.4448E-08
rs150845585	C	T	0.05	0.0093901	4.4452E-08
rs192899069	A	C	0.09	0.01	4.4458E-08
rs377417429	C	T	24.71	4.51	4.4479E-08
rs111857014	A	C	0.03	0.0062871	4.4503E-08
rs141508246	G	A	0.09	0.01	4.4519E-08

rs73065769	C	G	0.13	0.02	4.4524E-08
rs116324335	T	C	0.05	0.0092599	4.4553E-08
rs115288387	C	T	0.11	0.02	4.4586E-08
rs145413785	T	G	0.06	0.01	4.4596E-08
rs73535216	A	T	0.09	0.01	4.4599E-08
rs77964486	A	C	0.1	0.01	4.4604E-08
rs75933439	T	C	0.05	0.0094104	4.4629E-08
rs4305934	C	G	0.1	0.01	4.4665E-08
rs140712161	C	T	0.0083892	0.0015333	4.4669E-08
rs183968130	G	C	0.1	0.01	4.4702E-08
rs184186432	C	T	0.01	0.0033625	4.4728E-08
rs6787533	T	G	0.05	0.0094338	4.4734E-08
3:43913240_C_T	T	C	0.02	0.0048397	4.4748E-08
rs554572346	C	T	0.12	0.02	4.4749E-08
rs79191206	A	G	0.05	0.0092545	4.48E-08
rs78951599	T	G	0.09	0.01	4.4816E-08
rs143024497	C	T	0.1	0.01	4.4825E-08
rs113549600	A	G	0.14	0.02	4.4827E-08
rs142480579	T	C	0.1	0.01	4.4844E-08
rs534852079	G	A	0.05	0.01	4.4849E-08
rs77565043	C	T	0.03	0.0069678	4.486E-08
rs117726716	G	C	0.12	0.02	4.4865E-08
rs140581555	C	G	0.09	0.01	4.4885E-08
rs116305355	C	T	0.1	0.01	4.4885E-08
rs75210582	A	T	0.09	0.01	4.4904E-08
rs115064011	C	T	0.1	0.01	4.4932E-08
rs115366344	A	G	0.09	0.01	4.4943E-08
rs185859129	T	G	0.07	0.01	4.4952E-08
rs149928803	T	C	1.25	0.22	4.4952E-08
rs115667105	G	T	0.11	0.02	4.496E-08
rs112898729	A	G	0.11	0.02	4.4972E-08
rs138218323	A	G	0.09	0.01	4.4992E-08
rs539061161	A	G	0.09	0.01	4.4992E-08
rs571533881	T	A	0.09	0.01	4.4992E-08
rs73025850	A	G	0.09	0.01	4.4997E-08
rs116631072	A	G	0.09	0.01	0.000000045
rs549599281	C	T	0.08	0.01	4.5004E-08
rs17052346	G	C	0.04	0.0088306	4.5015E-08
rs116479616	C	T	0.09	0.01	4.5035E-08
rs147624673	A	G	0.14	0.02	4.5063E-08
rs114737506	A	G	0.11	0.02	4.5078E-08
rs182058143	G	C	0.02	0.0041819	4.5116E-08
rs78064018	C	A	0.09	0.01	4.5121E-08
rs143239561	T	C	0.09	0.01	4.5141E-08
rs116351684	G	T	0.09	0.01	4.519E-08
rs182660395	C	G	0.09	0.01	4.5197E-08
rs149636041	G	A	0.01	0.0027346	4.5221E-08
rs7534223	T	C	0.09	0.01	4.5225E-08
rs16837058	G	A	0.03	0.0062765	4.5232E-08
rs72880909	T	C	0.09	0.01	4.5233E-08
rs77534092	T	C	0.09	0.01	4.5239E-08
rs78417670	T	A	0.06	0.01	4.5244E-08
rs147928560	G	A	0.1	0.01	4.5245E-08
rs149981717	G	A	0.1	0.01	4.5253E-08
rs116870490	C	A	0.14	0.02	4.5265E-08
rs58337574	G	C	0.05	0.009285	4.5298E-08
rs143747743	T	C	0.09	0.01	4.5301E-08
rs563568544	G	C	0.03	0.0063832	4.5334E-08
rs149947505	A	G	0.09	0.01	4.5336E-08
rs114720469	T	A	0.08	0.01	4.5339E-08
rs114536652	C	A	0.09	0.01	4.5343E-08

rs115497199	T	C	0.09	0.01	4.5343E-08
rs577835204	T	C	0.09	0.01	4.537E-08
rs149078026	A	G	0.11	0.02	4.5373E-08
rs139837397	A	C	0.12	0.02	4.5387E-08
rs78112921	A	G	0.03	0.0062801	4.5388E-08
rs144480068	C	T	0.14	0.02	4.5395E-08
rs150014259	T	G	0.09	0.01	4.5397E-08
rs143034521	A	C	0.09	0.01	4.5412E-08
rs140967100	C	T	0.03	0.0064303	4.5413E-08
rs115775109	A	T	0.11	0.02	4.5419E-08
rs138735683	C	A	0.08	0.01	4.5435E-08
rs116172325	C	T	0.05	0.0093582	4.545E-08
rs74795642	A	G	0.09	0.01	4.5451E-08
rs144694140	G	A	0.14	0.02	4.5452E-08
rs115200032	C	T	0.09	0.01	4.5457E-08
rs116534559	A	G	0.1	0.01	4.5458E-08
rs774356744	G	A	0.02	0.0042397	4.5464E-08
rs73973367	A	T	0.02	0.005077	4.5467E-08
rs10124179	A	T	0.1	0.01	4.5471E-08
rs139823358	A	G	0.05	0.0092749	4.5508E-08
rs146261493	A	C	0.09	0.01	4.5515E-08
rs558511478	A	G	0.09	0.01	4.5543E-08
rs560409136	G	A	0.1	0.01	4.5547E-08
rs562870067	G	A	0.1	0.01	4.5547E-08
rs57351306	A	G	0.02	0.0038129	4.555E-08
rs145017063	C	T	0.09	0.01	4.5554E-08
rs570754954	A	G	0.42	0.07	4.5559E-08
rs79374730	A	G	0.08	0.01	4.5579E-08
rs577900090	G	C	0.4	0.07	4.5581E-08
rs75623782	G	T	0.03	0.0066964	4.5596E-08
rs192978972	A	G	0.04	0.0083682	4.56E-08
rs734353	A	G	0.05	0.0099744	4.5618E-08
rs558911357	T	C	0.44	0.08	4.5628E-08
rs60284670	G	A	0.01	0.0026249	4.5654E-08
rs189664497	C	G	0.08	0.01	4.5662E-08
rs145342881	G	C	0.12	0.02	4.5686E-08
rs150494722	T	C	0.79	0.14	4.5688E-08
rs529418192	T	G	0.1	0.01	4.5738E-08
rs114233741	A	G	0.1	0.01	4.5748E-08
rs140581007	C	T	0.03	0.0062836	4.5766E-08
rs540800713	T	C	0.03	0.0055343	4.5787E-08
rs113146116	A	G	0.05	0.0092769	4.5817E-08
rs114820560	G	A	0.09	0.01	4.5825E-08
rs566239665	T	C	0.09	0.01	4.5842E-08
rs114283793	C	T	0.12	0.02	4.5859E-08
rs146999860	C	T	0.09	0.01	4.5865E-08
rs528331753	T	G	0.09	0.01	4.587E-08
rs6700376	G	A	0.0062923	0.001151	4.5875E-08
rs375708898	C	A	0.09	0.01	4.589E-08
9:1472714_T_G	G	T	0.03	0.0068686	4.5904E-08
rs77670861	T	C	0.26	0.04	4.5908E-08
rs370234206	G	A	0.18	0.03	4.5909E-08
rs150980509	T	C	0.09	0.01	4.5928E-08
rs193107726	A	G	0.02	0.0053805	4.5958E-08
rs138244719	C	T	0.09	0.01	4.5991E-08
rs144866052	T	C	0.06	0.01	4.6001E-08
rs2717822	T	C	0.09	0.01	4.6017E-08
rs186425919	A	G	0.08	0.01	4.6018E-08
rs75490031	T	C	0.14	0.02	4.6061E-08
rs148653020	A	G	0.1	0.01	4.6107E-08
rs141335368	G	T	0.03	0.0061046	4.6115E-08



rs115876567	A	G	0.09	0.01	4.612E-08
rs146576595	T	A	0.36	0.06	4.613E-08
rs145297079	T	C	0.09	0.01	4.6173E-08
rs115990058	A	G	0.1	0.01	4.6185E-08
3:152062885_T_C	C	T	0.03	0.0063908	4.6195E-08
rs10190567	A	G	0.09	0.01	4.6216E-08
rs561315890	A	G	0.63	0.11	4.6237E-08
rs115502161	T	C	0.09	0.01	4.6247E-08
rs761250264	C	G	0.03	0.0062791	4.6276E-08
rs80031271	A	G	0.11	0.02	4.6279E-08
rs761586191	A	G	0.03	0.0066088	4.6303E-08
rs9484595	C	T	0.04	0.0087818	4.631E-08
rs187219271	A	T	0.04	0.0091139	4.6326E-08
rs116230070	A	T	0.1	0.01	4.6341E-08
rs373533212	G	A	0.05	0.0099075	4.6359E-08
rs573471860	A	G	0.05	0.0094781	4.6365E-08
rs28619149	C	T	0.09	0.01	4.6383E-08
rs183934240	T	C	0.12	0.02	4.6384E-08
rs531848739	A	G	0.05	0.0093214	4.639E-08
rs78111070	C	T	0.09	0.01	4.6393E-08
rs558658754	A	G	0.09	0.01	4.6405E-08
rs60371428	C	T	0.09	0.01	4.6414E-08
rs190838812	T	G	0.09	0.01	4.6417E-08
rs6965434	A	T	0.05	0.0093292	4.6422E-08
rs531606175	C	A	0.12	0.02	4.6423E-08
rs575983981	A	G	0.19	0.03	4.6437E-08
rs115186731	G	T	0.04	0.0078739	4.6444E-08
rs143168466	T	C	0.05	0.0096675	4.6524E-08
rs116045087	C	A	0.09	0.01	4.6533E-08
rs61738935	A	G	0.02	0.0039373	4.6538E-08
rs778392913	T	C	0.02	0.0049444	4.6545E-08
rs73722515	C	T	0.09	0.01	4.6569E-08
rs539910377	A	C	0.2	0.03	4.6616E-08
rs79846532	G	A	0.08	0.01	4.6647E-08
rs114628058	T	C	0.19	0.03	4.6654E-08
rs530171575	A	G	0.08	0.01	4.6654E-08
rs116382762	C	G	0.06	0.01	4.667E-08
rs113142719	C	T	0.09	0.01	4.6689E-08
rs73010400	G	T	0.09	0.01	4.6689E-08
rs146100454	A	C	0.13	0.02	4.671E-08
rs115426661	T	C	0.11	0.02	4.6751E-08
rs191742937	G	A	0.15	0.02	4.6752E-08
rs186239157	T	G	0.09	0.01	4.6753E-08
rs181285667	A	G	0.09	0.01	4.6753E-08
rs143251995	T	G	0.1	0.01	4.6768E-08
rs150051327	C	T	0.1	0.01	4.677E-08
rs72926901	C	T	0.09	0.01	4.6805E-08
rs73445733	A	G	0.05	0.0093002	4.6826E-08
rs137894290	G	A	0.05	0.01	4.6828E-08
rs112906889	T	C	0.1	0.01	4.6831E-08
rs114876149	T	C	0.09	0.01	4.6832E-08
rs114878699	G	A	0.09	0.01	4.6834E-08
rs143909650	G	T	0.03	0.0067877	4.6853E-08
rs59206006	T	C	0.05	0.0093751	4.6884E-08
rs377762898	T	A	0.13	0.02	4.6884E-08
rs75949562	A	G	0.09	0.01	4.6891E-08
rs76000457	T	G	0.09	0.01	4.6928E-08
rs116786937	G	A	0.1	0.01	4.6936E-08
rs80354815	T	C	0.06	0.01	4.6945E-08
rs76763113	C	T	0.09	0.01	4.6967E-08
rs141376155	C	T	0.09	0.01	4.6995E-08

rs587684111	T	G	0.09	0.01	4.7026E-08
rs80150739	A	G	0.01	0.0026229	4.7035E-08
rs530759042	A	C	0.03	0.0067576	4.7039E-08
rs78979066	C	A	0.09	0.01	4.7044E-08
rs111347123	G	A	0.09	0.01	4.7046E-08
rs146156689	T	C	0.1	0.01	4.7049E-08
rs74939324	A	G	0.04	0.0075081	4.7056E-08
rs146685477	G	C	0.09	0.01	4.7065E-08
rs771355338	T	C	0.05	0.0097045	4.7074E-08
rs72868147	A	C	0.05	0.01	4.7084E-08
rs76141004	G	A	0.1	0.01	4.7094E-08
rs138792010	T	C	0.09	0.01	4.7095E-08
rs114637523	C	T	0.09	0.01	4.71E-08
rs114978635	T	G	0.1	0.01	4.7103E-08
rs144983963	T	C	0.09	0.01	4.7104E-08
rs111946724	G	A	0.09	0.01	4.7129E-08
rs147556243	A	G	0.1	0.01	4.7138E-08
rs145383321	G	C	0.04	0.0074999	4.7151E-08
rs55649894	C	T	0.02	0.005436	4.7152E-08
rs111641905	T	C	0.1	0.01	4.7187E-08
rs75690015	G	C	0.09	0.01	4.7198E-08
rs537609238	C	T	0.1	0.01	4.72E-08
rs116659671	C	A	0.1	0.01	4.7238E-08
rs149590851	T	G	0.1	0.01	4.7245E-08
rs138948006	A	G	0.09	0.01	4.7252E-08
rs111275517	G	A	0.09	0.01	4.7264E-08
rs189819526	A	C	0.07	0.01	4.7269E-08
rs79348346	A	G	0.09	0.01	4.7308E-08
rs142013576	A	G	0.09	0.01	4.7309E-08
rs116470282	C	T	0.09	0.01	4.7318E-08
rs560344514	G	C	0.01	0.0027001	4.7322E-08
rs116457319	T	G	0.04	0.0089608	4.7325E-08
rs116694997	G	C	0.09	0.01	4.7326E-08
rs115490430	A	G	0.05	0.0092125	4.7332E-08
rs145738067	G	A	0.06	0.01	4.7379E-08
rs571779502	G	A	0.09	0.01	4.7384E-08
rs369329206	T	A	0.1	0.01	4.74E-08
rs143762172	T	C	0.09	0.01	4.7408E-08
rs150414932	C	T	0.06	0.01	4.7434E-08
rs73845071	G	A	0.05	0.01	4.7469E-08
rs181123336	T	C	0.02	0.0040494	4.7482E-08
rs148487781	A	G	0.02	0.0051345	4.7506E-08
rs140821243	G	A	0.05	0.0098663	4.7517E-08
rs189285721	T	C	0.03	0.0063708	4.7518E-08
rs576234099	G	C	0.24	0.04	4.7527E-08
rs553088550	C	T	0.11	0.02	4.7553E-08
rs116291570	A	T	0.08	0.01	4.7553E-08
rs78844068	A	C	0.09	0.01	4.7554E-08
rs191383189	T	G	0.09	0.01	4.7556E-08
rs150786931	T	C	0.09	0.01	4.7569E-08
rs565852335	A	G	0.05	0.0094307	4.7619E-08
4:93821712_C_T	T	C	0.03	0.0061514	4.7621E-08
rs111735274	T	C	0.04	0.0087389	4.7629E-08
rs182395998	C	T	0.22	0.04	4.763E-08
rs115711423	T	C	0.1	0.01	4.7634E-08
rs185101159	C	T	0.1	0.01	4.7644E-08
rs115165569	T	C	0.1	0.01	4.765E-08
rs114644475	C	G	0.09	0.01	4.7661E-08
rs142946307	C	G	0.16	0.03	4.767E-08
rs61752169	A	G	0.09	0.01	4.7675E-08
rs79539065	G	A	0.09	0.01	4.7685E-08

rs186809335	A	G	0.04	0.0082832	4.7695E-08
rs577240580	G	T	0.2	0.03	4.77E-08
rs75573740	G	A	0.03	0.0070867	4.7709E-08
rs78552954	T	C	0.05	0.0091716	4.7716E-08
rs74491687	A	G	0.09	0.01	4.7732E-08
rs192145010	G	T	0.06	0.01	4.7734E-08
rs55918542	T	A	0.03	0.0063039	4.7734E-08
rs112499193	A	T	0.09	0.01	4.7745E-08
rs75599764	G	C	0.09	0.01	4.7748E-08
rs76243503	T	A	0.02	0.0049387	4.7749E-08
rs140219036	T	G	0.09	0.01	4.7817E-08
rs545871374	T	G	0.01	0.002881	4.7819E-08
rs74777500	T	C	0.09	0.01	4.7849E-08
rs773328132	G	C	0.02	0.0039884	4.7853E-08
rs768609232	A	G	0.02	0.0052224	4.7882E-08
rs191387303	A	G	0.09	0.01	4.7885E-08
rs564545137	C	T	0.06	0.01	4.7896E-08
rs142535026	G	A	0.09	0.01	4.7896E-08
rs184518278	T	A	0.11	0.02	4.7898E-08
rs114627865	A	G	0.1	0.01	4.7906E-08
rs375165098	T	C	0.11	0.02	4.7907E-08
rs9725505	A	T	0.09	0.01	4.7914E-08
rs114020973	C	G	0.08	0.01	4.7915E-08
rs141315969	A	C	0.02	0.0044451	4.7916E-08
rs146909259	A	C	0.17	0.03	4.7926E-08
rs142990263	T	G	0.07	0.01	4.7955E-08
rs12680201	A	C	0.1	0.01	4.7959E-08
rs115925508	T	A	0.09	0.01	4.7987E-08
rs114783485	T	C	0.1	0.01	4.8043E-08
rs113753554	A	G	0.09	0.01	4.8062E-08
rs140304525	T	C	0.09	0.01	4.8084E-08
rs60803347	A	G	0.05	0.01	4.8085E-08
rs77186352	T	C	0.09	0.01	4.8097E-08
rs778799776	C	T	0.03	0.0058971	4.8101E-08
rs79560571	T	G	0.09	0.01	4.8127E-08
rs150404029	G	A	0.09	0.01	4.8133E-08
rs78886430	T	A	0.04	0.0087721	4.814E-08
rs76383924	T	C	0.08	0.01	4.8164E-08
rs148136741	G	T	0.09	0.01	4.8167E-08
rs116342486	C	T	0.09	0.01	4.8206E-08
rs79394276	A	G	0.09	0.01	4.8212E-08
rs142678856	T	A	0.14	0.02	4.8246E-08
rs186914593	C	G	0.09	0.01	4.8289E-08
1:245173048_C_T	T	C	0.04	0.0076535	4.8298E-08
1:28052843_G_A	A	G	0.14	0.02	4.8306E-08
rs564301675	T	C	0.11	0.02	4.8313E-08
rs114458519	T	C	0.09	0.01	4.8336E-08
rs587771995	T	C	0.11	0.02	4.8338E-08
rs10243268	T	C	0.09	0.01	4.8346E-08
rs765930739	C	A	0.03	0.0058285	4.8358E-08
rs2597802	T	C	-0.02	0.0052646	4.8388E-08
rs147536117	T	G	0.1	0.01	4.8403E-08
rs190558376	G	C	0.09	0.01	4.8418E-08
rs559383264	G	A	0.03	0.0069558	4.8433E-08
rs190794322	G	A	0.09	0.01	4.8439E-08
rs141169995	G	A	0.07	0.01	4.8443E-08
rs145704975	T	C	0.09	0.01	4.845E-08
rs114405193	G	A	0.1	0.01	4.8463E-08
rs143527786	C	T	0.09	0.01	4.8477E-08
rs115335190	T	C	0.09	0.01	4.8489E-08
rs528463041	T	C	0.03	0.0063678	4.849E-08

rs144555649	G	A	0.12	0.02	4.8515E-08
rs543844513	C	T	0.03	0.0072086	4.8526E-08
rs528479340	T	G	0.08	0.01	4.8528E-08
rs6815559	A	G	0.03	0.0063077	4.8532E-08
rs73312505	A	G	0.09	0.01	4.8571E-08
rs114034491	G	A	0.09	0.01	4.8574E-08
9:17240182_T_C	C	T	0.04	0.0080967	4.8595E-08
rs143549998	T	C	0.09	0.01	4.8603E-08
rs148564812	G	A	0.13	0.02	4.8607E-08
rs77769156	C	T	0.09	0.01	4.8609E-08
rs114995780	T	C	0.08	0.01	4.8629E-08
rs142043799	A	G	0.09	0.01	4.8639E-08
rs7755475	T	C	0.09	0.01	4.864E-08
8:12618814_T_C	C	T	0.02	0.0052372	4.8653E-08
rs116468752	A	C	0.15	0.02	4.868E-08
rs73010408	A	G	0.14	0.02	4.8683E-08
rs374880250	G	T	0.09	0.01	4.8696E-08
rs186108598	G	A	0.02	0.0048891	4.8726E-08
rs113004753	A	G	0.16	0.03	4.8727E-08
rs373172192	T	C	0.09	0.01	4.8731E-08
rs17007686	C	T	0.14	0.02	4.8743E-08
rs373474469	C	T	0.09	0.01	4.8753E-08
rs77470554	A	G	0.09	0.01	4.8762E-08
rs115287008	G	A	0.1	0.01	4.8803E-08
rs17150437	A	C	0.05	0.01	4.8819E-08
rs112308722	A	C	0.08	0.01	4.8837E-08
rs112367239	T	C	0.09	0.01	4.8847E-08
rs183149900	A	G	0.09	0.01	4.8864E-08
rs6663016	C	T	0.03	0.0062653	4.8872E-08
rs557892737	G	A	0.03	0.0068277	4.8907E-08
rs139612583	T	A	0.08	0.01	4.8912E-08
rs7813619	C	A	0.1	0.01	4.8913E-08
rs748001942	G	T	0.02	0.0048507	4.8923E-08
rs113691621	A	C	0.09	0.01	4.8926E-08
rs77567359	G	A	0.09	0.01	4.8934E-08
rs201259020	C	T	0.02	0.0051212	4.8947E-08
rs28399343	T	A	0.16	0.03	4.8955E-08
rs147823804	A	G	0.02	0.0044668	4.8967E-08
rs6699393	T	C	0.03	0.0062652	4.898E-08
rs78547811	C	T	0.1	0.01	4.8995E-08
rs75477889	A	C	0.03	0.0063524	4.8997E-08
rs139268244	A	G	0.09	0.01	4.902E-08
rs188321355	A	C	0.09	0.01	4.9025E-08
rs759241132	C	G	0.04	0.0085799	4.904E-08
rs753368001	A	G	0.03	0.0062549	4.9047E-08
rs77967073	G	A	0.09	0.01	4.907E-08
rs189086625	A	C	0.09	0.01	4.9087E-08
rs567626353	T	C	0.01	0.0033984	4.9125E-08
rs542770424	C	T	0.05	0.0092858	4.9142E-08
rs149117525	A	G	0.11	0.02	4.9162E-08
rs144408635	G	A	0.09	0.01	4.9163E-08
rs6907947	A	G	0.09	0.01	4.9165E-08
rs538849223	G	A	0.1	0.01	4.9176E-08
rs77705703	T	C	0.08	0.01	4.9199E-08
rs576348374	T	C	0.02	0.0050865	4.9209E-08
rs6656091	C	T	0.09	0.01	4.921E-08
rs138082006	T	A	0.1	0.01	4.9226E-08
rs150594725	T	C	0.05	0.0092285	4.9235E-08
rs144678531	C	G	0.09	0.01	4.9245E-08
rs561633799	A	G	0.19	0.03	4.9271E-08
rs184679653	C	T	0.08	0.01	4.9283E-08

rs577266135	A	C	0.14	0.02	4.9303E-08
rs149756568	A	G	0.1	0.01	4.9331E-08
rs540514828	C	T	0.06	0.01	4.9356E-08
rs58405015	G	C	0.03	0.0070731	4.9425E-08
rs553995245	A	G	0.09	0.01	4.9432E-08
rs114553340	C	T	0.39	0.07	4.9477E-08
rs114349358	T	C	0.09	0.01	4.9489E-08
rs144895074	T	G	3.13	0.57	4.9499E-08
rs111874993	T	C	0.09	0.01	4.9509E-08
rs76389515	A	G	0.09	0.01	4.9512E-08
rs145968144	A	G	0.09	0.01	4.9575E-08
rs146314920	A	G	0.09	0.01	4.9592E-08
rs574522672	G	A	0.03	0.0056602	4.9606E-08
rs9834562	A	T	0.08	0.01	4.9609E-08
rs150436557	A	G	0.27	0.04	4.9668E-08
rs150661284	G	A	0.05	0.0092152	4.9681E-08
rs74456167	G	A	0.09	0.01	4.9684E-08
rs555910680	A	T	0.09	0.01	4.9687E-08
rs558574987	C	T	0.05	0.01	4.9689E-08
rs143607800	A	C	0.09	0.01	4.9694E-08
rs114632730	C	T	0.05	0.0092095	4.9698E-08
rs10123092	A	T	0.1	0.01	4.971E-08
rs115034889	A	G	0.09	0.01	4.9713E-08
rs145025202	G	C	0.02	0.005167	4.9732E-08
rs143906714	A	G	0.09	0.01	4.9741E-08
rs116309218	C	T	0.11	0.02	4.9783E-08
rs139349260	T	C	0.08	0.01	4.9821E-08
rs186188254	G	C	0.24	0.04	4.9871E-08
3:70652567_G_A	A	G	0.06	0.01	4.9882E-08
rs143706062	A	G	0.12	0.02	4.9904E-08
rs113329461	T	C	0.09	0.01	4.9907E-08
rs141486811	T	C	0.09	0.01	4.9908E-08
rs565809191	C	A	0.04	0.0088977	4.992E-08
rs115915295	C	T	0.03	0.0068578	4.9934E-08
rs758716525	T	C	0.02	0.0041235	4.9938E-08
rs73023894	G	A	0.1	0.01	4.9946E-08
rs73845074	T	C	0.05	0.01	4.9983E-08
rs148096704	A	G	0.09	0.01	4.9989E-08
rs115410331	G	A	0.09	0.01	0.00000005

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