

Significant DEGs according to the number of subclones (five clones vs. a single clone).

EnsemblGeneID	Base mean (mean*)	Log ₂ fold change (mean*)	lfcSE** (mean*)	Stat† (mean*)	P-value (mean*)	P-adj (mean*)
ENSG00000242515	131.6699207	6.799853904	1.245763208	5.438092923	5.5668E-07	0.000175224
ENSG00000259094	20.49345703	6.210827832	1.186632623	5.216307339	7.369E-07	0.000510078
ENSG00000184895	7.418201974	5.918376103	1.46607645	4.035039645	5.83667E-05	0.005155839
ENSG00000181617	2535.113848	5.746592724	1.101206236	5.207333935	8.82447E-07	0.000175174
ENSG00000227877	41.24242331	5.394229007	1.102666454	4.913063883	1.77633E-06	0.000776806
ENSG00000124882	400.974949	4.948401948	0.748071016	6.631778029	2.0169E-10	1.29522E-06
ENSG00000262539	8.186541855	4.91439213	1.498141251	3.276734695	0.001067421	0.027189599
ENSG00000242741	7.962701834	4.708328629	1.073305904	4.384370225	0.00002211	0.002194108
ENSG00000258584	23.81093098	4.507235807	1.023438449	4.471050273	0.000119727	0.00952968
ENSG00000253125	13.13031283	4.415387597	1.020674724	4.296554492	0.000349884	0.015024831
ENSG00000272620	494.3921455	4.343717697	0.883431067	4.828605641	0.000290337	0.005268258
ENSG00000181333	964.5520042	4.278087674	0.923117957	4.642371635	0.000008417	0.000797064
ENSG00000186847	61644.22353	4.272859314	0.862202771	4.940335989	7.26723E-06	0.000691944
ENSG00000175315	291.4231976	4.212857924	0.746975564	5.631379243	7.17933E-08	8.92363E-05
ENSG00000179639	117.1259708	4.178800887	0.60738502	6.88169732	9.68404E-11	1.03971E-06
ENSG00000072657	110.86036	4.129646691	0.953412768	4.37536193	0.000143922	0.010442693
ENSG00000225523	71.32898284	4.02371884	0.830381878	4.868703837	3.76872E-05	0.00139904
ENSG00000170323	600.341268	3.972783798	0.885197936	4.482567013	0.000033736	0.004544196
ENSG00000168703	64.91292519	3.96600097	0.95548555	4.096219687	0.000271137	0.006420148
ENSG00000260913	4.196260394	3.925021364	1.202039123	3.256094982	0.00120689	0.02841915
ENSG00000184330	942.3345097	3.91170256	1.209475485	3.239601062	0.001882786	0.030380608
ENSG00000150625	113.2334664	3.869563666	0.770350722	4.984311703	9.76229E-05	0.008373517
ENSG00000167768	221.3375467	3.865812655	0.934094473	4.14562312	5.88367E-05	0.005466962
ENSG00000143546	26339.35143	3.859605721	0.860608823	4.485671561	7.29333E-06	0.001517899
ENSG00000175445	2149.103225	3.822315329	0.685773875	5.495297648	1.53354E-05	0.002801412
ENSG00000204544	266.5233976	3.727303216	1.006239985	3.7209522	0.000313617	0.009849889
ENSG00000163464	140.4666874	3.641538223	0.933156763	3.913357244	0.000190966	0.007064231

ENSG00000112232	23.44436284	3.529555527	0.768456831	4.574579497	0.000298882	0.014072884
ENSG00000164794	6.714234243	3.527724961	1.112855301	3.154192831	0.002293735	0.035027378
ENSG00000234184	13.85562663	3.494539819	0.755812736	4.667218321	3.77823E-05	0.004821883
ENSG00000171446	7.182038337	3.470477293	0.876147094	4.019031383	0.000237546	0.013619608
ENSG00000251230	18.74426124	3.445754764	0.732810828	4.682454314	1.90737E-05	0.003242934
ENSG00000258168	145.6887243	3.440886859	0.732528573	4.711481308	4.99933E-06	0.001473242
ENSG00000133063	1457.644113	3.429437388	0.766200862	4.452669402	0.000267234	0.013771867
ENSG00000189068	9.670900059	3.414653992	0.774207814	4.410826485	3.20323E-05	0.00419576
ENSG00000276775	224.5780776	3.393121092	0.915329343	3.724200592	0.000294356	0.00950847
ENSG00000163736	52.72940987	3.344190888	0.877605781	3.808402068	0.000176194	0.00918647
ENSG00000170465	5843.332034	3.330559144	0.906511451	3.625011977	0.001364723	0.023292518
ENSG00000275874	22.52969236	3.327571162	0.815326183	4.077911912	8.69237E-05	0.004838454
ENSG00000163220	68120.10674	3.305473579	0.850119083	3.887889695	0.000101183	0.007104372
ENSG00000253641	14.58132704	3.296884264	0.898135706	3.632282979	0.00054349	0.014388565
ENSG00000115602	279.0082341	3.296637601	0.656830624	4.987858367	3.1406E-06	0.001141983
ENSG00000259727	6.283566382	3.291684737	0.904194815	3.650338615	0.000783238	0.014349545
ENSG00000158488	66.62653897	3.259180248	0.732474478	4.433344259	0.000117468	0.00938851
ENSG00000211654	55.36550121	3.253835435	0.986228771	3.304901139	0.001421678	0.027107066
ENSG00000167914	130.1278227	3.225810863	0.803719558	4.064424979	0.000240002	0.006285892
ENSG00000112761	165.2621622	3.225173893	0.771019924	4.207146753	0.000103687	0.008702636
ENSG00000158485	14.36789674	3.170664154	0.777370393	4.107362666	0.000127706	0.004468655
ENSG00000267287	113.1739915	3.165719676	0.792693236	4.000693569	0.000625007	0.01008897
ENSG00000188778	6.443161967	3.157798268	0.823886393	3.828866549	0.000151803	0.010062776
ENSG00000227066	11.1898791	3.093087502	0.851505268	3.678741706	0.000460066	0.017760249
ENSG00000258082	3.29558593	3.090166147	0.929433846	3.325094792	0.000891994	0.025141318
ENSG00000167759	638.7205258	3.088547779	0.93902444	3.281644976	0.001319577	0.028766136
ENSG00000019186	1545.317978	3.088179221	0.87934925	3.518693854	0.000756647	0.021885997
ENSG00000271856	38.42980544	3.0384604	0.602154109	5.143529176	2.39068E-05	0.003630485
ENSG00000156738	359.5082244	3.032439785	0.783985878	3.890049926	0.000397218	0.016569561
ENSG00000162494	10.92362714	3.030599079	0.814403088	3.710007249	0.000261398	0.014500782

ENSG00000105825	413.7169304	3.025713533	0.701358288	4.31580958	1.88233E-05	0.002362946
ENSG00000173391	1500.118711	3.02142445	0.607256862	4.886930805	1.56832E-05	0.00292512
ENSG00000226051	53.40136725	3.015255469	0.436063729	7.0875127	8.73E-10	2.72567E-06
ENSG00000131355	61.76086617	2.996941579	0.666968757	4.488383149	0.00000924	0.001935077
ENSG00000260314	3328.584817	2.955556278	0.682961228	4.302113117	0.0000512	0.005759985
ENSG00000169252	396.1240348	2.953154892	0.531072689	5.535113166	8.11628E-07	0.000517959
ENSG00000136573	91.93349186	2.92175189	0.606253167	4.902001042	0.000107439	0.00885814
ENSG00000144891	44.10268778	2.902070377	0.567845154	5.114912935	6.77128E-06	0.001681752
ENSG00000180871	216.5122275	2.888893779	0.734761994	3.938443367	0.000149376	0.010877546
ENSG00000240505	34.24214988	2.884802613	0.604103912	4.792526812	0.000257356	0.013537899
ENSG00000277247	17.41155012	2.883175929	0.840479327	3.427148178	0.000688037	0.021519828
ENSG00000197769	20.30512682	2.867322341	0.675670463	4.256657851	0.000046802	0.005275141
ENSG00000256128	17.04927174	2.844281496	0.707198876	4.023370321	5.97333E-05	0.005620999
ENSG00000158481	105.853545	2.819140107	0.655340446	4.297061652	8.26447E-05	0.007897458
ENSG00000116031	112.3627989	2.779162759	0.621062968	4.453164057	0.000501308	0.007666574
ENSG00000211962	3513.499975	2.76619935	0.823067096	3.406614409	0.001391904	0.02256401
ENSG00000183019	238.721374	2.763928854	0.714887558	3.894885659	0.000349897	0.015883512
ENSG00000255733	20.26897003	2.752939298	0.734197918	3.79024002	0.000581307	0.010895606
ENSG00000106258	266.8605911	2.744125147	0.63819031	4.298099545	0.000154724	0.010818033
ENSG00000175841	14.01353256	2.738926987	0.707464834	3.880918641	0.00012666	0.006472757
ENSG00000123119	233.0307078	2.735936055	0.618305511	4.395644828	0.000209843	0.012581953
ENSG00000158477	102.516039	2.717658491	0.650283207	4.235069067	0.000664123	0.009560695
ENSG00000267013	80.85357538	2.709585847	0.734908915	3.725719844	0.000852755	0.01449698
ENSG00000204475	26.30572059	2.701607702	0.543390281	4.991636403	3.28542E-05	0.004312611
ENSG00000184985	717.960584	2.698497713	0.646480588	4.154368678	0.00015537	0.005211724
ENSG00000164120	985.8579194	2.686002955	0.619564941	4.324700958	0.000077238	0.007583215
ENSG00000124731	1197.352179	2.6759802	0.509837866	5.30206135	1.65468E-06	0.000290297
ENSG00000162366	3253.22401	2.66667047	0.812672942	3.285477499	0.001043267	0.027510523
ENSG00000170786	1559.625814	2.654379421	0.618222524	4.297961784	0.000200153	0.012247048
ENSG00000133048	7497.374378	2.653584261	0.53494392	4.890781518	0.000004351	0.001380511

ENSG00000253649	13.80842501	2.650440889	0.70795922	3.676456784	0.000573644	0.012330878
ENSG00000105131	519.2374549	2.645512188	0.619943971	4.280257075	0.00002753	0.002953178
ENSG00000276085	126.4795013	2.637390865	0.561999866	4.69838261	2.80333E-06	0.000787552
ENSG00000127954	2406.050609	2.625468309	0.596298566	4.410016253	0.000342917	0.014969355
ENSG00000106688	506.2990209	2.594052485	0.555738534	4.654305469	0.000027603	0.003984578
ENSG00000129538	7398.524585	2.592697846	0.398711618	6.4884197	2.1989E-08	4.0796E-05
ENSG00000138615	772.8472902	2.591569675	0.73814421	3.516262969	0.00046549	0.017311155
ENSG00000206384	289.8370985	2.581170605	0.574527737	4.5413863	5.38317E-05	0.006031259
ENSG00000140379	763.1652096	2.571349821	0.514726334	4.904303324	9.99948E-06	0.002295509
ENSG00000173530	685.2676817	2.563372201	0.456161249	5.60056188	6.1094E-08	0.00004464
ENSG00000112303	314.5864128	2.550404279	0.585980635	4.36949353	6.05897E-05	0.006628351
ENSG00000070808	46.93341952	2.543300096	0.609284431	4.192041945	0.0000378	0.00298641
ENSG00000223534	55.4050011	2.538884968	0.583257078	4.346034736	7.53663E-05	0.007493704
ENSG00000163145	95.27432739	2.525823884	0.592492525	4.260484216	7.12237E-05	0.007324956
ENSG00000187912	42.74911449	2.522919676	0.607654696	4.163645272	4.09333E-05	0.004724243
ENSG00000187185	16.17530375	2.522286007	0.697332839	3.627094131	0.000340821	0.016388591
ENSG00000174123	135.0456578	2.520746182	0.572324757	4.412092239	3.33767E-05	0.004515861
ENSG00000270550	2308.988722	2.520196068	0.72605296	3.491750041	0.001647718	0.021998865
ENSG00000153233	107.4648593	2.516951006	0.60924639	4.116230728	0.000354486	0.01527988
ENSG00000249274	12.26022583	2.513929376	0.533531682	4.729326904	1.41293E-05	0.002778005
ENSG00000227507	452.4663108	2.510116088	0.604147912	4.088244362	0.000450677	0.016981021
ENSG00000263961	108.4305504	2.499754238	0.552076744	4.533439472	0.00000728	0.001320779
ENSG00000164485	46.1295693	2.499579694	0.701167245	3.574523002	0.000457528	0.017974823
ENSG00000183813	130.6999557	2.497347295	0.590360686	4.22507289	7.29167E-05	0.007396814
ENSG00000167261	220.9829491	2.466624985	0.554975546	4.369667502	0.000260263	0.013728083
ENSG00000108823	120.1503348	2.463447737	0.554958482	4.391035383	0.00028429	0.0140314
ENSG00000171049	240.1767789	2.458034303	0.711457516	3.415859356	0.001185112	0.027282469
ENSG00000118113	63.7727719	2.447757119	0.712493417	3.440620407	0.000691613	0.019071683
ENSG00000112486	8.699686123	2.444411408	0.679939065	3.602995694	0.000501961	0.019083878
ENSG00000218336	986.9679508	2.433260316	0.67326311	3.638241493	0.000883349	0.015140993

ENSG00000246223	63.59050953	2.432961128	0.577816304	4.207202116	9.18173E-05	0.008411005
ENSG00000170909	545.9492566	2.425274379	0.515904514	4.57779261	5.2541E-05	0.006007421
ENSG00000161911	20.97301784	2.423785504	0.497782614	4.923704233	3.38387E-05	0.004390406
ENSG00000253701	22.40763333	2.420754637	0.571519472	4.207793134	0.000104014	0.008927173
ENSG00000166482	3630.308948	2.416198927	0.511532539	4.709140918	0.000171507	0.011335466
ENSG00000121769	412.1100777	2.395918563	0.523194088	4.487750434	5.15503E-05	0.005882293
ENSG00000138356	321.7556206	2.39132199	0.562255469	4.253549026	7.02457E-05	0.00730274
ENSG00000260549	156.9202165	2.377024252	0.577296227	4.120083553	0.000049645	0.003453635
ENSG00000132965	1862.040989	2.368731237	0.572243438	4.075315674	0.000321111	0.015144585
ENSG00000107317	1970.638354	2.362111537	0.576472179	4.100117799	0.000309186	0.014611456
ENSG00000240764	52.9325384	2.358562491	0.632838425	3.657983428	0.000718477	0.013610599
ENSG00000091137	143.0193224	2.335009901	0.700753671	3.325441277	0.000999927	0.026428188
ENSG00000250786	386.4135273	2.328372167	0.547988348	4.259218286	0.00003599	0.004500516
ENSG00000245954	12.61907473	2.314868234	0.665899946	3.477453992	0.000695858	0.017706681
ENSG00000146374	199.8130179	2.310450353	0.567822368	4.006299003	0.000159015	0.005463525
ENSG00000227051	1242.647312	2.300396869	0.516006845	4.440965004	3.26973E-05	0.004460549
ENSG00000160307	265.969975	2.289642726	0.593156751	3.82208721	0.000424766	0.017150935
ENSG00000179344	7153.389313	2.286616667	0.539200382	4.219934823	0.000277705	0.014145035
ENSG00000254979	6.984053233	2.283845613	0.650695132	3.508830199	0.000453223	0.017386591
ENSG00000188488	51.77207559	2.270876963	0.576778277	3.932028928	0.000109702	0.005511471
ENSG00000168685	2518.04388	2.268822322	0.466562074	4.873578685	3.3498E-06	0.000480165
ENSG00000103569	769.1946364	2.266206956	0.604618498	3.748620559	0.000352573	0.016604985
ENSG00000095970	833.9161745	2.260988322	0.544629577	4.065651175	0.000199143	0.012551673
ENSG00000271811	23.77820679	2.231546998	0.643948358	3.494540642	0.001056458	0.021300817
ENSG00000131471	2115.945979	2.228395921	0.536784135	4.146620209	0.000126476	0.009967161
ENSG00000140932	30.5902861	2.224416281	0.61321712	3.629838606	0.000366164	0.015620968
ENSG00000198300	120.1214472	2.220599231	0.577222931	3.770056832	0.00040655	0.017238899
ENSG00000115363	533.077599	2.218539437	0.47982529	4.662104707	0.0000173	0.003054262
ENSG00000100234	868.1005786	2.211370964	0.592884944	3.717114825	0.000251725	0.010485446
ENSG00000176971	618.9448948	2.20457668	0.551123164	4.010728091	0.000108326	0.004709558

ENSG00000224137	28.83600362	2.201942198	0.598636216	3.70815267	0.000491212	0.018636931
ENSG00000169896	1439.118175	2.198825864	0.569266795	3.858015264	0.000462214	0.017727631
ENSG00000173535	117.7321106	2.198088282	0.456389566	4.869282623	3.09375E-05	0.004223814
ENSG00000248309	14.96814236	2.1789485	0.602093861	3.634236135	0.000555975	0.020191049
ENSG00000232810	83.11511696	2.175556112	0.568017044	3.822428047	0.000288541	0.0150624
ENSG00000168546	45.06509776	2.174539083	0.513105062	4.271154663	0.000448091	0.016826022
ENSG00000123689	792.5326846	2.168066828	0.518933594	4.128715311	6.68517E-05	0.00345601
ENSG00000259070	19.21818661	2.164921913	0.657842476	3.282870691	0.001051093	0.026923042
ENSG00000113088	166.1413354	2.155022092	0.585047913	3.689977077	0.00037067	0.01703408
ENSG00000122121	51.6017771	2.151758117	0.577702733	3.701916522	0.000329867	0.016107756
ENSG00000105538	676.005735	2.1477318	0.432742752	4.98655975	6.35011E-05	0.00669788
ENSG00000125730	23506.99043	2.145553444	0.431350183	5.035765275	2.25359E-05	0.003466024
ENSG00000162692	2628.205548	2.136450748	0.665840378	3.236244112	0.001500167	0.029070985
ENSG00000103313	100.266128	2.131486952	0.53821023	3.967985005	0.000115257	0.009479729
ENSG00000120280	133.0711209	2.105480193	0.453828155	4.577982147	0.000399476	0.015714222
ENSG00000179542	69.0769072	2.102881668	0.612342444	3.415403568	0.001339148	0.026999833
ENSG00000230479	57.71567246	2.087527064	0.503653008	4.253621037	0.000355936	0.006687347
ENSG00000048740	1696.727246	2.086535538	0.429309754	4.788216174	2.78216E-05	0.003963932
ENSG00000259225	63.69182975	2.085597546	0.548407166	3.7968794	0.000151339	0.010051867
ENSG00000069431	710.6567561	2.083065317	0.498585015	4.18118962	0.000053126	0.005977187
ENSG00000270607	16.5118371	2.082326281	0.618672523	3.359937846	0.000971938	0.022511597
ENSG00000147168	1851.543231	2.081791808	0.470389377	4.460692822	0.000154785	0.010603336
ENSG00000162493	4849.070339	2.080000004	0.566679228	3.658011861	0.000348448	0.011195211
ENSG00000229056	57.05468474	2.067759526	0.52795017	3.903847161	0.000145614	0.010253183
ENSG00000171812	2154.090387	2.049469078	0.610582351	3.354894171	0.000824634	0.024286944
ENSG00000227262	35.34496755	2.048240994	0.466392214	4.411209829	1.37933E-05	0.002658685
ENSG00000262655	2436.103922	2.047828702	0.496003354	4.15071761	0.000069961	0.00345436
ENSG00000160856	97.97603335	2.044919073	0.629262972	3.254264553	0.001818886	0.033057468
ENSG00000168679	354.3473911	2.040622893	0.454948601	4.476855115	0.00025735	0.013757462
ENSG00000172243	1559.383339	2.03641404	0.463620606	4.467793335	0.000341816	0.014880359

ENSG00000237181	52.77642408	2.034230135	0.475405699	4.199431709	7.41977E-05	0.007523091
ENSG00000183691	26.98396228	2.030418098	0.480514883	4.2444591	5.25063E-05	0.003463661
ENSG00000173918	2139.486387	2.026942882	0.473627622	4.329147624	0.00002943	0.002152866
ENSG00000237989	181.4470678	2.020615197	0.59839361	3.366639059	0.00083227	0.024907279
ENSG00000104894	1236.66233	2.009299999	0.471239338	4.205550858	0.000402242	0.016030025
ENSG00000223485	56.48542578	2.008648694	0.65572518	3.062079413	0.002409012	0.040046584
ENSG00000107736	427.3878846	2.008129524	0.534227919	3.759450231	0.000210843	0.012763443
ENSG00000183908	40.54309084	2.006674794	0.556786656	3.644375112	0.000746092	0.014097102
ENSG00000126860	545.5269319	2.004478584	0.477209789	4.163955507	0.000107953	0.009148307
ENSG00000122862	6230.762675	2.002729614	0.464925383	4.298947433	0.00003091	0.003964635
ENSG00000131831	425.0209537	2.00178829	0.442173451	4.522268689	2.34767E-05	0.003667738
ENSG00000164691	570.1087861	2.000691292	0.440815364	4.53292193	0.000240571	0.013261798
ENSG00000172752	153.5169598	1.999438231	0.606302014	3.291378737	0.00158085	0.027700184
ENSG00000187955	1810.31606	1.990775441	0.555825702	3.57979891	0.000402127	0.014941131
ENSG00000121895	183.3642007	1.989715173	0.61433749	3.285752334	0.002355522	0.030235242
ENSG00000182853	167.0570642	1.987239572	0.456227	4.325853966	0.000070111	0.00714077
ENSG00000123096	1220.781788	1.986523881	0.516632553	3.84846235	0.000143206	0.007107946
ENSG00000106952	117.737761	1.978985577	0.482632022	4.105965532	0.000343254	0.015356483
ENSG00000110848	353.2216071	1.972310062	0.456117483	4.298646477	0.000243406	0.013438406
ENSG00000012124	238.1187214	1.957225917	0.492812193	3.976392913	0.000237041	0.01371591
ENSG00000130592	3546.486583	1.949895053	0.460121323	4.226166038	0.000107515	0.009117651
ENSG00000137731	13.52713099	1.945134065	0.472481263	4.08117529	0.000203349	0.012676074
ENSG00000108950	1573.003324	1.94355706	0.429932606	4.517846322	1.01733E-05	0.001981696
ENSG00000255399	192.8069829	1.918734771	0.445117874	4.309511402	2.62733E-05	0.003666418
ENSG00000101230	403.3153857	1.913340446	0.607257305	3.159741488	0.001768634	0.034546725
ENSG00000175544	27.84394574	1.911752795	0.396155058	4.90767477	4.7865E-05	0.005483456
ENSG00000169413	570.5850454	1.903793237	0.45351802	4.142820198	0.00026344	0.014191391
ENSG00000011465	29835.22634	1.897017387	0.504702741	3.72650815	0.000341885	0.016539748
ENSG00000141506	614.1536144	1.892103796	0.400578586	4.706192154	0.000220732	0.012731685
ENSG00000163376	152.8227319	1.88862767	0.421488421	4.455192568	1.34933E-05	0.002736905

ENSG00000206538	1099.500812	1.887071639	0.560412281	3.369065006	0.000836654	0.021963848
ENSG00000127472	100.9814786	1.87395626	0.452589844	4.125850531	6.58233E-05	0.006853754
ENSG00000111729	212.8040134	1.870541581	0.488885658	3.800665006	0.000194766	0.012391679
ENSG00000196724	62.72663971	1.858485477	0.495195633	3.771636473	0.000246517	0.014179532
ENSG00000139329	37593.02432	1.840369821	0.549998094	3.357194858	0.000929384	0.024993959
ENSG00000172794	152.3025688	1.839601208	0.391272452	4.715384632	0.000277001	0.013874457
ENSG00000180447	843.7280806	1.836702679	0.545821002	3.394152978	0.001342859	0.02202552
ENSG00000198865	102.6420005	1.834202761	0.46644363	3.964063902	0.000308244	0.014891198
ENSG00000130755	827.1319261	1.828062682	0.421784737	4.250159105	0.000186667	0.011898556
ENSG00000134802	1445.396556	1.825367781	0.405077909	4.512719412	0.0000171	0.003053623
ENSG00000172346	135.6279922	1.821809413	0.483324787	3.785783997	0.000412461	0.017140424
ENSG00000101265	1292.197826	1.798948563	0.427386897	4.187002526	0.000421593	0.016499868
ENSG00000171777	141.0714719	1.78603916	0.434864953	4.044349477	0.000449125	0.017309922
ENSG00000154589	395.8910976	1.778263063	0.410067147	4.302125262	0.00003727	0.004833335
ENSG00000023445	2207.474053	1.773789852	0.401010997	4.468470535	1.95427E-05	0.003174468
ENSG000000278934	10.40929306	1.764738362	0.508416423	3.484615917	0.000583878	0.020694583
ENSG00000121361	585.8502749	1.760564442	0.425620141	4.118978468	0.000200492	0.012559962
ENSG000000279496	162.6715548	1.759517424	0.501945252	3.501257745	0.000482728	0.018820486
ENSG00000102445	255.4518637	1.759290524	0.433303279	4.048821207	7.05023E-05	0.004622231
ENSG000000213654	1194.797938	1.754637673	0.397100757	4.373896413	6.18603E-05	0.006649115
ENSG00000182885	186.0985915	1.753687655	0.537447706	3.278750665	0.001397324	0.027153502
ENSG00000089225	355.5126308	1.735091216	0.390407471	4.443912077	1.24867E-05	0.002412784
ENSG00000185565	703.0876078	1.726015134	0.471372032	3.669765643	0.000312339	0.014548162
ENSG000000278727	36.67932045	1.725697776	0.398279139	4.343246946	5.37073E-05	0.002500911
ENSG000000230795	146.8589374	1.719188496	0.440972557	3.896879021	0.000437364	0.008889262
ENSG000000263812	20.43203091	1.70761215	0.39754053	4.300459518	0.0000175	0.002387366
ENSG00000077984	306.9918482	1.704926288	0.453464982	3.758247911	0.000441395	0.017626405
ENSG00000166250	1114.012231	1.689183321	0.473746842	3.566290842	0.000807723	0.015631698
ENSG00000132357	773.1112963	1.689069534	0.383205325	4.414497604	1.19533E-05	0.002047149
ENSG00000180828	86.90628529	1.6871848	0.471853286	3.574339026	0.000377035	0.016272619

ENSG00000151702	900.6908686	1.686668263	0.366612349	4.6882472	0.000347353	0.015101907
ENSG00000079931	1846.765764	1.677996156	0.496336823	3.383689882	0.000795109	0.024036719
ENSG00000110031	1000.531401	1.669906559	0.390901241	4.249710836	0.000136378	0.010322837
ENSG00000271605	203.5452102	1.667924658	0.414660071	3.973145346	0.000392951	0.016587996
ENSG00000169508	656.8131762	1.665661304	0.448549627	3.710209754	0.00021136	0.011963547
ENSG00000154553	1786.053188	1.658232769	0.407285463	4.069680263	6.40703E-05	0.004800622
ENSG00000175147	73.05893389	1.650699553	0.475455521	3.46928246	0.000585391	0.018776703
ENSG00000031081	1719.959219	1.649153644	0.415392599	3.941963619	0.00032961	0.015439629
ENSG00000172935	356.5113362	1.64516328	0.43346329	3.798157731	0.000237667	0.007919614
ENSG00000125965	16.78657378	1.641137476	0.460652731	3.584230172	0.00046706	0.018344867
ENSG00000087245	25007.70097	1.632472378	0.440887535	3.719921401	0.000585919	0.011871937
ENSG00000154016	45.49540129	1.628450971	0.453248334	3.588454573	0.000493066	0.019177224
ENSG00000007237	1479.96457	1.627489829	0.377723447	4.344956026	2.91267E-05	0.002057011
ENSG00000149591	11492.95546	1.612973221	0.507278604	3.169647734	0.001814764	0.033492668
ENSG00000151376	245.0124264	1.612714164	0.423895606	3.798520666	0.000369213	0.016513121
ENSG00000265972	22421.77389	1.599736734	0.458553851	3.492704535	0.00048532	0.017817499
ENSG00000154262	235.7637375	1.593012568	0.422930478	3.766929545	0.000290474	0.0151596
ENSG00000103196	3685.291402	1.589687808	0.459529197	3.477400711	0.000929919	0.017892124
ENSG00000251179	17.72793094	1.585366809	0.393862368	4.05357758	0.000402174	0.016463673
ENSG00000184785	116.1041727	1.580680879	0.411560937	3.847090458	0.000135526	0.006991966
ENSG00000133808	224.8914398	1.576482509	0.484163708	3.246726713	0.001311719	0.029329095
ENSG00000008118	52.37273695	1.571715829	0.446712219	3.54065501	0.001088689	0.017997026
ENSG00000109743	261.6856673	1.558379732	0.463341	3.357759148	0.00112917	0.025965431
ENSG00000134954	5316.554871	1.557361357	0.431884762	3.614745926	0.000427936	0.012251491
ENSG00000107738	2925.494198	1.550660136	0.386902415	4.008958782	0.00023121	0.013471588
ENSG00000183484	295.7836805	1.546231633	0.447879663	3.455874969	0.000554075	0.020349736
ENSG00000028277	552.2549298	1.541453919	0.445286223	3.452339138	0.00062567	0.01839039
ENSG00000076641	1084.598213	1.528695094	0.386806938	3.909227423	0.000213207	0.012677035
ENSG00000081189	978.8500585	1.523514828	0.395885575	3.871108753	0.000213976	0.013262502
ENSG00000175471	580.7670886	1.520603487	0.371876517	4.094974513	5.71023E-05	0.006045448

ENSG00000166741	4446.109586	1.517814105	0.412960149	3.67242583	0.000257071	0.013762399
ENSG00000120162	997.378047	1.51691961	0.420648841	3.642532891	0.000455888	0.018280594
ENSG00000173068	431.0735302	1.511538332	0.483367683	3.148717398	0.002321648	0.035392141
ENSG00000163485	131.4478665	1.511193502	0.433691326	3.483309406	0.000533278	0.02009184
ENSG00000182916	74.08951938	1.501566858	0.456149041	3.291188575	0.001006839	0.02648647
ENSG00000168140	908.6569239	1.492387225	0.350092417	4.276313056	0.00003546	0.004206353
ENSG00000186469	611.4499675	1.49031163	0.433927655	3.429857364	0.000642589	0.019567731
ENSG00000121440	561.0188956	1.487853668	0.418420428	3.572954484	0.000543388	0.013637469
ENSG00000178695	4733.09339	1.483113051	0.361367393	4.112876077	7.53607E-05	0.005817549
ENSG00000127920	741.3413383	1.472986965	0.33639608	4.366177921	8.63467E-05	0.008201435
ENSG00000138378	234.2669232	1.471624028	0.394142945	3.758964807	0.000473958	0.018175362
ENSG00000160013	247.1624681	1.471127648	0.4006978	3.664223229	0.000392944	0.017526981
ENSG00000197043	4248.569988	1.457654514	0.355875884	4.095935972	5.16333E-05	0.0046213
ENSG00000151067	428.8189455	1.454082257	0.391273749	3.725849537	0.000212099	0.012703765
ENSG00000168461	7369.001158	1.42342408	0.314816137	4.556695964	0.000024902	0.001493614
ENSG00000072952	826.8384939	1.418961667	0.419048017	3.397343346	0.000777646	0.021015333
ENSG00000111424	2109.074428	1.319913442	0.41162391	3.217512109	0.002006099	0.034036834
ENSG00000157510	629.1731929	1.279354897	0.317462774	4.044193222	8.76063E-05	0.007301951
ENSG00000165424	1215.781903	1.25072223	0.356453303	3.523653248	0.000573727	0.015589204
ENSG00000177674	3260.687092	1.245719915	0.358480057	3.479244362	0.000702715	0.022077609
ENSG00000169926	6860.8978	1.240903866	0.377228021	3.304061244	0.001070094	0.027221818
ENSG00000159348	3911.512427	1.22374382	0.381523852	3.190394816	0.001801109	0.031854529
ENSG00000163297	1920.11597	1.158590529	0.331426444	3.520748416	0.001234203	0.019235198
ENSG00000146966	238.4544295	1.143889453	0.343025734	3.343332198	0.001024271	0.022848465
ENSG00000102302	1429.599426	-1.134862496	0.329911173	-3.435063695	0.0006	0.0209
ENSG00000273344	565.3270318	-1.179398385	0.308520046	-3.836699905	0.0005	0.0183
ENSG00000238279	66.90493546	-1.185930536	0.349538204	-3.38784381	0.0008	0.0217
ENSG00000067177	1303.686316	-1.230623969	0.328975572	-3.749180251	0.0003	0.014
ENSG00000255224	99.43274823	-1.245596639	0.384979834	-3.255271727	0.0014	0.0296
ENSG00000132964	1444.00155	-1.305373438	0.355869593	-3.732572068	0.0006	0.0201

ENSG00000161647	606.5913713	-1.33850092	0.412872338	-3.257806379	0.0015	0.0285
ENSG00000122644	2267.97197	-1.394794427	0.40600175	-3.471857815	0.001	0.0248
ENSG00000122779	3086.809455	-1.427947974	0.371590883	-3.880520718	0.0002	0.0093
ENSG00000122547	938.8221939	-1.439442828	0.339762084	-4.232579174	0	0.004
ENSG00000161202	17757.02906	-1.444425519	0.352147379	-4.061833255	0.0002	0.012
ENSG00000227855	94.47992661	-1.444566957	0.377394204	-3.83587639	0.0004	0.0171
ENSG00000146858	530.0509802	-1.497374904	0.492298906	-3.056214606	0.0027	0.0414
ENSG00000095209	1464.466993	-1.506094724	0.398597461	-3.812106125	0.0004	0.0175
ENSG00000204934	67.14329516	-1.507355617	0.438546309	-3.435043731	0.0008	0.0235
ENSG00000163872	10624.17341	-1.554590355	0.417346149	-3.707508481	0.0005	0.019
ENSG00000237950	35.83974407	-1.58267069	0.406365707	-3.911351119	0.0004	0.0176
ENSG00000233885	197.0523337	-1.617514818	0.451125273	-3.599484088	0.0005	0.0193
ENSG00000231663	93.23391052	-1.630202769	0.402382862	-4.059860176	0.0001	0.0079
ENSG00000225264	13.55600132	-1.631943513	0.370464354	-4.430215391	0	0.0042
ENSG00000273473	5.894069324	-1.717258459	0.532037403	-3.246472792	0.002	0.0321
ENSG00000263884	18.05566683	-1.724992451	0.505083008	-3.417183787	0.0006	0.0215
ENSG00000121716	559.4315757	-1.762189642	0.515419117	-3.442602691	0.0007	0.022
ENSG00000114859	1289.155319	-1.770022808	0.426513883	-4.144688031	0.0002	0.0131
ENSG00000272205	13.79036437	-1.798042567	0.456213917	-3.916535402	0.0003	0.0079
ENSG00000240024	581.7721567	-1.807738051	0.359516504	-5.061959173	0	0.0015
ENSG00000078814	175.3070288	-1.839894845	0.479259757	-3.82611129	0.0002	0.0074
ENSG00000149927	118.9027763	-1.873449597	0.596040954	-3.148832754	0.0018	0.0348
ENSG00000073670	86.5832105	-1.909923039	0.481831301	-3.981555401	0.0002	0.0116
ENSG00000272968	4.500412639	-1.92314684	0.545035585	-3.493432103	0.0011	0.0205
ENSG00000275549	13.24436233	-1.962752686	0.563117317	-3.493652754	0.0005	0.0201
ENSG00000188763	78.10723429	-1.982153587	0.448585565	-4.425682854	0	0.0031
ENSG00000225518	76.06233159	-1.984929693	0.507001718	-3.888512035	0.0006	0.0176
ENSG00000180834	529.0902008	-1.986486081	0.462898178	-4.291742565	0.0003	0.0142
ENSG00000225808	68.75345169	-1.991798734	0.496675323	-4.045797096	0.0002	0.0128
ENSG00000160117	98.20074338	-2.018492159	0.622430643	-3.25760371	0.0013	0.0297

ENSG00000256433	138.8810728	-2.057953299	0.52842289	-3.86622401	0.0003	0.0078
ENSG00000171126	91.14608186	-2.062745419	0.611576728	-3.363297843	0.0009	0.0251
ENSG00000141576	255.108274	-2.09982287	0.592216547	-3.580889956	0.0005	0.019
ENSG00000225356	4.813253306	-2.125106324	0.573622834	-3.71369439	0.0003	0.0146
ENSG00000261220	70.32348498	-2.135310102	0.512561659	-4.156094604	0.0002	0.0053
ENSG00000277363	348.128049	-2.140675766	0.537872404	-4.021738323	0.0003	0.0152
ENSG00000180066	104.3119082	-2.141983358	0.408073188	-5.251770854	0	0.0005
ENSG00000248114	5.208835425	-2.1489282	0.642757184	-3.342793483	0.0009	0.0239
ENSG00000262001	501.7074872	-2.190027675	0.51133723	-4.343833593	0.0003	0.0141
ENSG00000072274	63503.58818	-2.212417305	0.621339492	-3.590142031	0.0006	0.0203
ENSG00000128596	259.3488785	-2.248801994	0.696904378	-3.217917981	0.0019	0.0334
ENSG00000105642	41.37657686	-2.250355179	0.667383623	-3.422738484	0.0018	0.0282
ENSG00000241697	10.5092206	-2.371864945	0.691729205	-3.445646315	0.0007	0.0192
ENSG00000196074	326.8005601	-2.393077778	0.521441664	-4.611544871	0	0.0013
ENSG00000164638	1132.613083	-2.408540506	0.595422525	-4.040148482	0.0001	0.0054
ENSG00000143882	608.7620427	-2.416574979	0.565950674	-4.337998768	0.0003	0.0055
ENSG00000144278	731.2898371	-2.485977033	0.67761691	-3.672284243	0.0004	0.0112
ENSG00000165300	159.8532523	-2.487287001	0.646775755	-3.865690264	0.0002	0.0092
ENSG00000229178	15.41181731	-2.571033287	0.634463885	-4.062418961	0.0001	0.0092
ENSG00000248705	7.754550199	-2.61265934	0.754248641	-3.464948422	0.001	0.0185
ENSG00000154040	1155.042802	-2.685884588	0.744986559	-3.617327606	0.002	0.0321
ENSG00000270885	526.4373588	-2.712832268	0.789130053	-3.4414806	0.0006	0.0192
ENSG00000239542	12.91593171	-2.764818425	0.773935218	-3.534583323	0.0016	0.0275
ENSG00000177283	2068.934023	-2.778747047	0.806202618	-3.509422671	0.001	0.0244
ENSG00000108839	551.3639612	-2.783154709	0.751614522	-3.737106423	0.0005	0.0185
ENSG00000131668	398.7388508	-2.797353093	0.748560812	-3.748169289	0.0003	0.0136
ENSG00000233445	6.834482158	-2.818248589	0.655413859	-4.292987314	0.0001	0.008
ENSG00000122778	2511.037919	-2.831589892	0.590284866	-4.802505732	0	0.0026
ENSG00000113205	290.1580297	-2.839138562	0.750220125	-3.873406246	0.0005	0.0192
ENSG00000239218	26.66523803	-2.8951507	0.875176095	-3.306526691	0.001	0.0253

ENSG00000149926	26.87895382	-2.968138912	0.794027691	-3.756451392	0.0003	0.0157
ENSG00000260423	91.7473543	-3.013327988	0.74325663	-4.078838491	0.0001	0.0061
ENSG00000168243	1082.218079	-3.018147911	0.599450225	-5.006725377	0	0.0015
ENSG00000157703	167.6587802	-3.02012896	0.69812141	-4.34360615	0	0.0023
ENSG00000188385	344.0412187	-3.172807711	0.730597269	-4.347922481	0.0001	0.0059
ENSG00000149294	566.5463011	-3.175414475	0.801534493	-3.972432039	0.0007	0.0107
ENSG00000266401	31.79009054	-3.194265796	0.763137037	-4.243300057	0.0003	0.007
ENSG00000260903	21.38320852	-3.275691591	0.965522685	-3.412282034	0.0008	0.0236
ENSG00000243635	5.4631813	-3.306664714	1.032339595	-3.150393427	0.0028	0.0367
ENSG00000269416	275.1295391	-3.357950827	0.968228844	-3.480540756	0.0009	0.0237
ENSG00000277200	70.20015057	-3.358197515	0.886143195	-3.773259104	0.0005	0.0185
ENSG00000100285	387.2405612	-3.380345118	0.875329621	-3.870125578	0.0003	0.0076
ENSG00000169668	10.83542417	-3.521213351	0.939595887	-3.705557332	0.0005	0.0183
ENSG00000115194	461.8156215	-3.651593059	0.90657682	-4.039831488	0.0003	0.0067
ENSG00000234537	7.596673829	-3.653927747	1.056530694	-3.444841108	0.0006	0.0218
ENSG00000070985	28.68099828	-3.663810224	0.933765234	-3.904603964	0.0002	0.0072
ENSG00000268555	57.56283218	-3.673122027	1.085336352	-3.401143392	0.0018	0.0252
ENSG00000130477	190.0380062	-3.734902328	0.772154703	-4.879083097	0	0.0006
ENSG00000198914	4.821134706	-3.760388678	1.189717638	-3.1400645	0.0027	0.0369
ENSG00000180178	679.0305126	-3.77286283	0.926450192	-4.097003109	0.0001	0.0069
ENSG00000254632	32.82263512	-3.903481849	1.076787677	-3.628001942	0.0016	0.0203
ENSG00000233215	4.774406047	-3.923405826	1.210144818	-3.240833455	0.0014	0.0291
ENSG00000149295	238.5803576	-4.041655233	0.948220946	-4.262787178	0	0.0044
ENSG00000255394	4.132002533	-4.145528664	1.204339437	-3.443651176	0.0007	0.0184
ENSG00000243236	687.8082115	-4.152155831	1.320205999	-3.148260939	0.0021	0.0347
ENSG00000175497	226.6023855	-4.206074619	1.087818453	-3.881503734	0.0003	0.0153
ENSG00000009709	202.1322581	-4.209300728	1.234123111	-3.396272836	0.0011	0.0264
ENSG00000136574	140.8021411	-4.706977895	0.925038709	-5.109106775	0	0.0004
ENSG00000242512	1442.110313	-5.328227944	1.055777131	-5.110489157	0.001	0.0125
ENSG00000189064	43.57910669	-5.52638469	1.295231182	-4.282318609	0	0.0026

ENSG0000007350	234.3299374	-5.707788287	1.290092142	-4.486791452	0.0002	0.0038
ENSG00000023839	1440.247706	-5.752451535	0.882605371	-6.626521307	0	0
ENSG000000261780	241.5515153	-6.818774902	1.706108606	-4.133354142	0.0003	0.0144
ENSG000000145920	837.6753307	-7.485830268	1.323573766	-5.84121756	0	0.004
ENSG000000162344	325.1929351	-7.949294271	1.639253921	-4.82645907	0	0.0012
ENSG000000270816	234.187158	-9.876485803	1.800480224	-5.573540957	0	0.0001

*, mean value from three independent matching and DEG analyses; **, standard error of log₂ fold change. †, Wald statistics. DEGs, differentially expressed genes