

Table S1. Genes of module lightpink2 and plum4 with the absolute values of GS for CPF > 0.2 and MM > 0.8.

Gene Name	Gene ID	Module	Gene Significance	Module Membership	Gene Type
Dubr	ENSMUSG00000022639	lightpink2	0.733026697	0.82783229	lncRNA
4930562F07Rik	ENSMUSG00000026729	lightpink2	0.422349085	0.84170579	lncRNA
Ifi30	ENSMUSG00000031838	lightpink2	0.568373299	0.81699508	lncRNA
Fam219aos	ENSMUSG00000036162	lightpink2	0.46259232	0.86521282	lncRNA
6430503K07Rik	ENSMUSG00000053545	lightpink2	0.598429947	0.92949579	lncRNA
9130017K11Rik	ENSMUSG00000055134	lightpink2	0.505746733	0.90337833	lncRNA
0610039K10Rik	ENSMUSG00000058812	lightpink2	0.616005875	0.86302023	lncRNA
9430002A10Rik	ENSMUSG00000062704	lightpink2	0.473577639	0.83892266	lncRNA
Ptpmt1	ENSMUSG00000063235	lightpink2	0.394258769	0.84206467	protein_coding
Gm17080	ENSMUSG00000067389	lightpink2	0.479740578	0.83165617	lncRNA
Gm6313	ENSMUSG00000070995	lightpink2	0.424216896	0.84177596	lncRNA
5930412G12Rik	ENSMUSG00000072591	lightpink2	0.606583869	0.86435165	lncRNA
Kcnd3os	ENSMUSG00000074346	lightpink2	0.563076025	0.85264669	lncRNA
Gm12974	ENSMUSG00000084789	lightpink2	0.830931864	0.88660658	lncRNA
B230312C02Rik	ENSMUSG00000084843	lightpink2	0.662906751	0.96957103	lncRNA
Gm16278	ENSMUSG00000084862	lightpink2	0.501998009	0.95413851	lncRNA
Gm13324	ENSMUSG00000085100	lightpink2	0.550133104	0.94485062	lncRNA
Gm12758	ENSMUSG00000085105	lightpink2	0.48697385	0.81153368	lncRNA
Gm13713	ENSMUSG00000085135	lightpink2	0.413108702	0.85429792	lncRNA
Gm11963	ENSMUSG00000085189	lightpink2	0.375678762	0.84329641	lncRNA
Gm14866	ENSMUSG00000085314	lightpink2	0.459367871	0.82189905	lncRNA
Ptf1aos	ENSMUSG00000085388	lightpink2	0.373290535	0.80387131	lncRNA
Gm15985	ENSMUSG00000085497	lightpink2	0.738510787	0.86925279	lncRNA
Gm13703	ENSMUSG00000085519	lightpink2	0.619513782	0.86403733	lncRNA
4930412C18Rik	ENSMUSG00000085558	lightpink2	0.457727555	0.8963036	lncRNA
2210411M09Rik	ENSMUSG00000085563	lightpink2	0.467597803	0.8602426	lncRNA
Gm13053	ENSMUSG00000085574	lightpink2	0.509278084	0.90058857	lncRNA
Gm16090	ENSMUSG00000085595	lightpink2	0.491630607	0.89194961	lncRNA

Gm13173	ENSMUSG00000085648	lightpink2	0.47233371	0.88030629	lncRNA
4930455G09Rik	ENSMUSG00000085761	lightpink2	0.571133353	0.94526165	lncRNA
Gm11682	ENSMUSG00000085985	lightpink2	0.674794512	0.84774885	lncRNA
Gm12144	ENSMUSG00000086170	lightpink2	0.61027987	0.80188761	lncRNA
Pcsk2os1	ENSMUSG00000086171	lightpink2	0.430121508	0.87205692	lncRNA
4930483K19Rik	ENSMUSG00000086241	lightpink2	0.508286736	0.81866074	lncRNA
Gm14102	ENSMUSG00000086478	lightpink2	0.423706185	0.92359539	lncRNA
Gm13372	ENSMUSG00000086560	lightpink2	0.362647345	0.86892638	lncRNA
Rspo4os	ENSMUSG00000086620	lightpink2	0.423499196	0.8334359	lncRNA
Gm15677	ENSMUSG00000086814	lightpink2	0.555289559	0.88397206	lncRNA
Gm15883	ENSMUSG00000086868	lightpink2	0.362326833	0.81793023	lncRNA
Itpr3os	ENSMUSG00000086898	lightpink2	0.52235384	0.81111204	lncRNA
Gm13716	ENSMUSG00000086905	lightpink2	0.425580463	0.88071324	lncRNA
Bcas1os1	ENSMUSG00000086970	lightpink2	0.484637709	0.81434801	lncRNA
4930417H01Rik	ENSMUSG00000087017	lightpink2	0.331925208	0.80809882	lncRNA
Pcsk2os2	ENSMUSG00000087115	lightpink2	0.368291696	0.88733997	lncRNA
Gm16336	ENSMUSG00000087160	lightpink2	0.496536256	0.91314102	lncRNA
Gm14341	ENSMUSG00000087293	lightpink2	0.454347666	0.80871743	lncRNA
0610043K17Rik	ENSMUSG00000087361	lightpink2	0.350002506	0.83163523	lncRNA
Rap1gapos	ENSMUSG00000087476	lightpink2	0.585385421	0.80282757	lncRNA
Gm15910	ENSMUSG00000087480	lightpink2	0.611877359	0.82657051	lncRNA
Gm13554	ENSMUSG00000087515	lightpink2	0.503867292	0.87283568	lncRNA
Gm16559	ENSMUSG00000089635	lightpink2	0.662290048	0.86631911	lncRNA
Gm15628	ENSMUSG00000089733	lightpink2	0.520859084	0.96418011	lncRNA
A830011K09Rik	ENSMUSG00000089957	lightpink2	0.394019129	0.87941174	lncRNA
Gm16587	ENSMUSG00000090081	lightpink2	0.532643817	0.88153009	lncRNA
Gm15717	ENSMUSG00000090108	lightpink2	0.409274946	0.91144255	antisense
Gm16554	ENSMUSG00000090227	lightpink2	0.566582189	0.8877292	lncRNA
Gm17055	ENSMUSG00000090576	lightpink2	0.308313468	0.83570896	lncRNA
Gm17133	ENSMUSG00000091160	lightpink2	0.539794981	0.88654177	lncRNA
Gm17120	ENSMUSG00000091172	lightpink2	0.476534612	0.87123664	lncRNA
Gm20529	ENSMUSG00000092218	lightpink2	0.604019191	0.91029298	lncRNA

Gm20412	ENSMUSG00000092283	lightpink2	0.528290205	0.84153644	lncRNA
Gm20421	ENSMUSG00000092483	lightpink2	0.291278905	0.83115971	lncRNA
Gm20688	ENSMUSG00000093458	lightpink2	0.377964473	0.80641291	lncRNA
Gm20649	ENSMUSG00000093662	lightpink2	0.498056948	0.8546569	lncRNA
Gm28577	ENSMUSG00000093753	lightpink2	0.706054377	0.90907064	lncRNA
Gm20658	ENSMUSG00000093765	lightpink2	0.357731682	0.89981937	lncRNA
Gm20650	ENSMUSG00000093768	lightpink2	0.543939643	0.86962743	lncRNA
Gm26723	ENSMUSG00000096947	lightpink2	0.647511447	0.96697527	lincRNA
Foxl2os	ENSMUSG00000097072	lightpink2	0.42400036	0.84662913	lncRNA
A530020G20Rik	ENSMUSG00000097124	lightpink2	0.553748782	0.95658869	lncRNA
Gm26550	ENSMUSG00000097215	lightpink2	0.429483271	0.90811291	lncRNA
4933416M07Rik	ENSMUSG00000097262	lightpink2	0.337795796	0.8910868	lncRNA
Gm26717	ENSMUSG00000097363	lightpink2	0.506050342	0.81141998	lncRNA
Gm8705	ENSMUSG00000097376	lightpink2	0.571640293	0.81175638	lincRNA
Gm16675	ENSMUSG00000097534	lightpink2	0.46199736	0.84133661	lncRNA
Gm16596	ENSMUSG00000097788	lightpink2	0.563084643	0.89239911	lncRNA
Gm2115	ENSMUSG00000097789	lightpink2	0.640039165	0.88909494	protein_coding
Gm27033	ENSMUSG00000098053	lightpink2	0.400162461	0.81371187	lncRNA
4930533D04Rik	ENSMUSG00000099491	lightpink2	0.414168581	0.87842959	lncRNA
C330022C24Rik	ENSMUSG00000099590	lightpink2	0.7583443	0.86948804	lncRNA
2900052N01Rik	ENSMUSG00000099696	lightpink2	0.86232036	0.84029631	lncRNA
BE692007	ENSMUSG00000099757	lightpink2	0.552505366	0.8378785	lncRNA
Gm28760	ENSMUSG00000100096	lightpink2	0.497243762	0.80188609	lncRNA
Gm28514	ENSMUSG00000100387	lightpink2	0.674162788	0.83225871	lncRNA
1700007F19Rik	ENSMUSG00000100666	lightpink2	0.415423059	0.83746799	lncRNA
Gm28139	ENSMUSG00000101338	lightpink2	0.521613538	0.87961849	lncRNA
Gm19461	ENSMUSG00000101693	lightpink2	0.408887628	0.8423028	lncRNA
Gm38058	ENSMUSG00000102140	lightpink2	0.665472965	0.9526807	TEC
Gm36937	ENSMUSG00000102413	lightpink2	0.357371699	0.8541987	lncRNA
Gm30097	ENSMUSG00000102595	lightpink2	0.697779709	0.8546898	lncRNA
Gm37217	ENSMUSG00000102689	lightpink2	0.381004833	0.82928959	TEC
Gm38255	ENSMUSG00000102788	lightpink2	0.511639326	0.8774419	TEC

4930517J16Rik	ENSMUSG00000102880	lightpink2	0.43013526	0.84235186	TEC
Gm37121	ENSMUSG00000103032	lightpink2	0.646288106	0.86349848	TEC
Gm38287	ENSMUSG00000103217	lightpink2	0.385713375	0.84648653	lncRNA
Gm37993	ENSMUSG00000103336	lightpink2	0.566098722	0.87480656	TEC
Gm36993	ENSMUSG00000103434	lightpink2	0.33708451	0.81721659	TEC
Gm37697	ENSMUSG00000103475	lightpink2	0.295609221	0.82530002	TEC
Gm37833	ENSMUSG00000103581	lightpink2	0.707402441	0.85777596	TEC
4930442P19Rik	ENSMUSG00000103608	lightpink2	0.380253098	0.80043574	TEC
Gm10129	ENSMUSG00000103789	lightpink2	0.504250642	0.96550177	TEC
Gm10848	ENSMUSG00000104106	lightpink2	0.647399988	0.82810188	lncRNA
Gm37514	ENSMUSG00000104370	lightpink2	0.521475741	0.91717027	TEC
Gm37509	ENSMUSG00000104379	lightpink2	0.816768659	0.95981475	TEC
Gm43255	ENSMUSG00000104568	lightpink2	0.649967923	0.88690957	lncRNA
Gm42721	ENSMUSG00000104592	lightpink2	0.450192891	0.92231631	lncRNA
Gm42541	ENSMUSG00000104622	lightpink2	0.240666057	0.800309	TEC
Gm42768	ENSMUSG00000104661	lightpink2	0.593679277	0.81259237	TEC
Gm43253	ENSMUSG00000104753	lightpink2	0.629909398	0.83643312	lncRNA
Gm42510	ENSMUSG00000104860	lightpink2	0.42773022	0.89274429	TEC
Gm42708	ENSMUSG00000104865	lightpink2	0.377964473	0.80641291	lncRNA
Gm42868	ENSMUSG00000104943	lightpink2	0.497378157	0.85165522	lncRNA
Gm42598	ENSMUSG00000105711	lightpink2	0.365400214	0.91881228	TEC
Gm43240	ENSMUSG00000105900	lightpink2	0.403429715	0.82408626	lncRNA
Gm43318	ENSMUSG00000105974	lightpink2	0.515064694	0.84909336	TEC
Gm42770	ENSMUSG00000105983	lightpink2	0.695557466	0.90639756	TEC
Gm42860	ENSMUSG00000106044	lightpink2	0.402946113	0.81653078	TEC
Gm42660	ENSMUSG00000106104	lightpink2	0.377964473	0.80641291	TEC
Gm42987	ENSMUSG00000106178	lightpink2	0.435932813	0.85480566	TEC
Gm43836	ENSMUSG00000106566	lightpink2	0.377964473	0.80641291	TEC
Gm42771	ENSMUSG00000106579	lightpink2	0.384996219	0.90356503	TEC
4930447N08Rik	ENSMUSG00000106583	lightpink2	0.548683893	0.85832628	lncRNA
Gm43798	ENSMUSG00000106675	lightpink2	0.377964473	0.80641291	TEC
Gm43102	ENSMUSG00000107251	lightpink2	0.720550946	0.80881533	TEC

Gm43634	ENSMUSG00000107253	lightpink2	0.324035626	0.83047004	lncRNA
Gm43278	ENSMUSG00000107318	lightpink2	0.420045529	0.9002909	lncRNA
Gm43999	ENSMUSG00000107835	lightpink2	0.391846014	0.942381	TEC
Gm44036	ENSMUSG00000107961	lightpink2	0.445511791	0.83194518	lncRNA
1810059H22Rik	ENSMUSG00000108207	lightpink2	0.547708667	0.83592413	lncRNA
Gm44226	ENSMUSG00000108298	lightpink2	0.280849787	0.83682142	lncRNA
RP24-174G2.1	ENSMUSG00000108350	lightpink2	0.413728412	0.84645668	TEC
RP23-470G18.4	ENSMUSG00000108725	lightpink2	0.667015856	0.93407772	lncRNA
RP23-34O23.4	ENSMUSG00000109009	lightpink2	0.575413813	0.83584317	lncRNA
RP23-396L12.1	ENSMUSG00000109305	lightpink2	0.665193671	0.80218297	protein_coding
RP24-339E15.3	ENSMUSG00000109388	lightpink2	0.456394028	0.92339343	TEC
Atp8b1	NM_001001488	lightpink2	0.514670085	0.94456175	protein_coding
H2-K1	NM_001001892	lightpink2	0.701461815	0.92411489	protein_coding
Lmna	NM_001002011	lightpink2	0.48614281	0.9498639	protein_coding
Try5	NM_001003405	lightpink2	0.380573601	0.80851667	protein_coding
Sgpp2	NM_001004173	lightpink2	0.56245466	0.87945389	protein_coding
Ypel2	NM_001005341	lightpink2	0.430947145	0.80888309	protein_coding
Mreg	NM_001005423	lightpink2	0.691527059	0.873254	protein_coding
Arhgap30	NM_001005508	lightpink2	0.818071925	0.8472761	protein_coding
Zdhhc23	NM_001007460	lightpink2	0.601114007	0.8535401	protein_coding
Il4ra	NM_001008700	lightpink2	0.375146265	0.87141416	protein_coding
Adcy5	NM_001012765	lightpink2	0.449802772	0.90019007	protein_coding
Dtx3l	NM_001013371	lightpink2	0.62208052	0.8102412	protein_coding
Grhl3	NM_001013756	lightpink2	0.515898903	0.91888673	protein_coding
Sp140	NM_001013817	lightpink2	0.332317217	0.83433721	protein_coding
Cyb5d2	NM_001024926	lightpink2	0.723506807	0.81037419	protein_coding
Mbp	NM_001025245	lightpink2	0.616686678	0.89467633	protein_coding
2010107G12Rik	NM_001025573	lightpink2	0.368101497	0.88497896	protein_coding
Fat2	NM_001029988	lightpink2	0.460275263	0.91789361	protein_coding
Olfm4	NM_001030294	lightpink2	0.352144594	0.89348868	protein_coding
Ttc9	NM_001033149	lightpink2	0.5001455	0.87148484	protein_coding
Cln5	NM_001033242	lightpink2	0.701256543	0.81504886	protein_coding

Arfgef3	NM_001033258	lightpink2	0.595749756	0.9471415	protein_coding
Gm525	NM_001033266	lightpink2	0.655621887	0.82685964	protein_coding
Sbspon	NM_001033288	lightpink2	0.659262554	0.98843988	protein_coding
5330417C22Rik	NM_001033304	lightpink2	0.447972451	0.89931728	protein_coding
Shb	NM_001033306	lightpink2	0.538713345	0.90042308	protein_coding
I830077J02Rik	NM_001033780	lightpink2	0.759610509	0.86738412	protein_coding
Piezo1	NM_001037298	lightpink2	0.592268164	0.87546076	protein_coding
Cgn	NM_001037711	lightpink2	0.602868256	0.89970864	protein_coding
Csf1r	NM_001037859	lightpink2	0.766961903	0.90365983	protein_coding
Marveld2	NM_001038602	lightpink2	0.52197413	0.8797924	protein_coding
Fn3k	NM_001038699	lightpink2	0.785984965	0.8018527	protein_coding
Try10	NM_001038996	lightpink2	0.369611779	0.80594021	protein_coding
Prkcz	NM_001039079	lightpink2	0.495762352	0.94377171	protein_coding
Kcnd3	NM_001039347	lightpink2	0.449897036	0.80011525	protein_coding
Rab43	NM_001039394	lightpink2	0.460975332	0.93779852	protein_coding
Htra3	NM_001042615	lightpink2	0.575606951	0.97733286	protein_coding
Fam83b	NM_001045518	lightpink2	0.533042033	0.96863719	protein_coding
Bahd1	NM_001045523	lightpink2	0.647654039	0.91653644	protein_coding
Net1	NM_001047159	lightpink2	0.786404751	0.80294095	protein_coding
Mon1b	NM_001048143	lightpink2	0.29965413	0.87574194	protein_coding
Syne1	NM_001079686	lightpink2	0.633021371	0.83461573	protein_coding
Cps1	NM_001080809	lightpink2	0.545279916	0.93031975	protein_coding
Atp8b4	NM_001080944	lightpink2	0.71214486	0.83816041	protein_coding
Mdga1	NM_001081160	lightpink2	0.265009368	0.87298447	protein_coding
Myo1a	NM_001081219	lightpink2	0.606936648	0.82371819	protein_coding
Filip1	NM_001081243	lightpink2	0.838598266	0.84520839	protein_coding
Ccdc88b	NM_001081291	lightpink2	0.642551713	0.89911101	protein_coding
Ppp1r12b	NM_001081307	lightpink2	0.493012297	0.94968137	protein_coding
Myo5c	NM_001081322	lightpink2	0.549870872	0.97769465	protein_coding
Agmat	NM_001081408	lightpink2	0.672274504	0.930682	protein_coding
Fndc1	NM_001081416	lightpink2	0.538722921	0.96520934	protein_coding
Galnt16	NM_001081421	lightpink2	0.347621504	0.88235103	protein_coding

Rcan1	NM_001081549	lightpink2	0.646071854	0.84996088	protein_coding
Neurl1b	NM_001081656	lightpink2	0.440316227	0.82333262	protein_coding
BC100530	NM_001082546	lightpink2	0.697476538	0.85765971	protein_coding
Gm5483	NM_001082547	lightpink2	0.631757095	0.87661407	protein_coding
Speg	NM_001085370	lightpink2	0.598444437	0.89013073	protein_coding
Myadm	NM_001093764	lightpink2	0.611329808	0.89028585	protein_coding
Ndufa4l2	NM_001098789	lightpink2	0.507798321	0.82513996	protein_coding
Tox2	NM_001098799	lightpink2	0.674670415	0.86937897	protein_coding
Phldb3	NM_001102613	lightpink2	0.32513031	0.86340184	protein_coding
Mettl8	NM_001110512	lightpink2	0.837777374	0.85516658	protein_coding
Fga	NM_001111048	lightpink2	0.644590625	0.9220333	protein_coding
Cym	NM_001111143	lightpink2	0.378286142	0.806538	protein_coding
C1rb	NM_001113356	lightpink2	0.665396432	0.84744494	protein_coding
Ltbp4	NM_001113549	lightpink2	0.356793705	0.88552771	protein_coding
Glo1	NM_001113560	lightpink2	0.857136364	0.86403735	protein_coding
Fcgbp	NM_001122603	lightpink2	0.386515101	0.82794142	protein_coding
Pcdh7	NM_001122758	lightpink2	0.781431098	0.88280748	protein_coding
Gm13889	NM_001145034	lightpink2	0.395028713	0.90393418	protein_coding
Wdsub1	NM_001159636	lightpink2	0.751741157	0.92632209	protein_coding
Serpinb8	NM_001159748	lightpink2	0.428302627	0.90886025	protein_coding
Tor1aip2	NM_001160180	lightpink2	0.764387463	0.82897926	protein_coding
4930523C07Rik	NM_001162896	lightpink2	0.554883358	0.81056926	protein_coding
Aim1l	NM_001162970	lightpink2	0.61983071	0.98454095	protein_coding
Baiap3	NM_001163270	lightpink2	0.766570099	0.83560764	protein_coding
Apopt1	NM_001163388	lightpink2	0.667603097	0.82219017	protein_coding
Crb2	NM_001163566	lightpink2	0.596274144	0.90462988	protein_coding
Fam102b	NM_001163567	lightpink2	0.668502632	0.93472576	protein_coding
Cers3	NM_001164201	lightpink2	0.499566321	0.93948784	protein_coding
Rarres1	NM_001164763	lightpink2	0.753318821	0.94008467	protein_coding
Zak	NM_001164791	lightpink2	0.589871974	0.983132	protein_coding
Mgll	NM_001166249	lightpink2	0.646888006	0.95171528	protein_coding
March1	NM_001166372	lightpink2	0.492920087	0.80470397	protein_coding

Ms4a6c	NM_001166376	lightpink2	0.62630151	0.89241421	protein_coding
Trim43b	NM_001170884	lightpink2	0.628247137	0.8036716	protein_coding
Mgam	NM_001171003	lightpink2	0.522990435	0.82980271	protein_coding
Cldn7	NM_001193619	lightpink2	0.43417674	0.85503301	protein_coding
4930415O20Rik	NM_001201322	lightpink2	0.544386008	0.83887959	protein_coding
AI607873	NM_001204910	lightpink2	0.854212904	0.87913875	protein_coding
Scarb1	NM_001205082	lightpink2	0.388908295	0.92765136	protein_coding
Gsn	NM_001206367	lightpink2	0.230228191	0.8264007	protein_coding
Fam187b	NM_001242647	lightpink2	0.300308137	0.89840495	protein_coding
Col6a3	NM_001243008	lightpink2	0.729887067	0.8381115	protein_coding
Vrk2	NM_001252447	lightpink2	0.908481309	0.83858662	protein_coding
Dnajc12	NM_001253685	lightpink2	0.742386299	0.86423855	protein_coding
Stx2	NM_001286033	lightpink2	0.376404849	0.86398715	protein_coding
Rph3al	NM_001291159	lightpink2	0.431683356	0.8060471	protein_coding
Ndst3	NM_001293682	lightpink2	0.29073053	0.84279454	protein_coding
Plpp5	NM_001293703	lightpink2	0.685396666	0.85281885	protein_coding
Cast	NM_001301153	lightpink2	0.804784345	0.90593825	protein_coding
Rab27a	NM_001301230	lightpink2	0.71396723	0.95513377	protein_coding
Capn5	NM_001301250	lightpink2	0.500532243	0.81753381	protein_coding
Cdkn2c	NM_001301368	lightpink2	0.564822034	0.95507976	protein_coding
Pmp22	NM_001302255	lightpink2	0.79202911	0.85311453	protein_coding
Pld2	NM_001302475	lightpink2	0.249208771	0.86415358	protein_coding
Qsox2	NM_001302956	lightpink2	0.561296812	0.91625845	protein_coding
Apoe	NM_001305819	lightpink2	0.754739707	0.92939827	protein_coding
Gdpd2	NM_001305941	lightpink2	0.468309407	0.82361656	protein_coding
1700088E04Rik	NM_001310576	lightpink2	0.710254999	0.85588805	protein_coding
Lgi2	NM_001310604	lightpink2	0.491503028	0.94349304	protein_coding
Krtcap2	NM_001310625	lightpink2	0.658247784	0.82028067	protein_coding
Il6ra	NM_001310676	lightpink2	0.616736196	0.92549599	protein_coding
Dapp1	NM_001310753	lightpink2	0.703406578	0.88274803	protein_coding
Mbd2	NM_001311071	lightpink2	0.643446435	0.89694593	protein_coding
Ccdc126	NM_001311112	lightpink2	0.392618819	0.81765009	protein_coding

Parp3	NM_001311150	lightpink2	0.579931972	0.8373774	protein_coding
Tcta	NM_001311156	lightpink2	0.540965212	0.85004324	protein_coding
Ctsc	NM_001311790	lightpink2	0.743174025	0.95364968	protein_coding
Kcnn2	NM_001312905	lightpink2	0.669017822	0.89800909	protein_coding
Ihh	NM_001313683	lightpink2	0.544370916	0.82549334	protein_coding
Pkp1	NM_001313701	lightpink2	0.50531237	0.85086591	protein_coding
Mtmr1	NM_001313702	lightpink2	0.688226855	0.80459602	protein_coding
Cyp20a1	NM_001313721	lightpink2	0.528946082	0.89511495	protein_coding
Sash3	NM_001313749	lightpink2	0.804628392	0.80898618	protein_coding
Prps2	NM_001313758	lightpink2	0.574792311	0.82048914	protein_coding
Krt13	NM_001313949	lightpink2	0.378413773	0.80684	protein_coding
Krt19	NM_001313963	lightpink2	0.361680359	0.89539175	protein_coding
Thra	NM_001313983	lightpink2	0.444879012	0.88648709	protein_coding
Ahr	NM_001314027	lightpink2	0.587633057	0.88931439	protein_coding
Dmd	NM_001314034	lightpink2	0.653983173	0.88281739	protein_coding
Ern2	NM_001316689	lightpink2	0.423662039	0.84655319	protein_coding
Mapkapk3	NM_001316691	lightpink2	0.463598637	0.91943007	protein_coding
Qpct	NM_001316729	lightpink2	0.694285292	0.81710886	protein_coding
Clps	NM_001317065	lightpink2	0.378591478	0.80639381	protein_coding
Fgg	NM_001317105	lightpink2	0.704498469	0.83342496	protein_coding
Dsc2	NM_001317363	lightpink2	0.472777077	0.91161838	protein_coding
Ryr3	NM_001319156	lightpink2	0.66394778	0.89574741	protein_coding
Sntg2	NM_001324519	lightpink2	0.351036702	0.86799354	protein_coding
Rab3d	NM_001324531	lightpink2	0.496411204	0.95205027	protein_coding
Adams8	NM_001326292	lightpink2	0.536776065	0.90866349	protein_coding
Pzp	NM_007376	lightpink2	0.713749235	0.89947037	protein_coding
Acta2	NM_007392	lightpink2	0.521434701	0.94595643	protein_coding
Adh1	NM_007409	lightpink2	0.687468786	0.93018926	protein_coding
Adrb1	NM_007419	lightpink2	0.603485689	0.83648293	protein_coding
Acan	NM_007424	lightpink2	0.554177005	0.96460951	protein_coding
Agt	NM_007428	lightpink2	0.685436858	0.91169817	protein_coding
Alox12	NM_007440	lightpink2	0.473212583	0.9143178	protein_coding

Atp7b	NM_007511	lightpink2	0.616312466	0.8144832	protein_coding
Bgn	NM_007542	lightpink2	0.424079121	0.80098046	protein_coding
Prdm1	NM_007548	lightpink2	0.46986244	0.80858285	protein_coding
C1qa	NM_007572	lightpink2	0.590903845	0.86002404	protein_coding
C4bp	NM_007576	lightpink2	0.508370251	0.90747594	protein_coding
Serpina6	NM_007618	lightpink2	0.676538254	0.88172066	protein_coding
Cbr2	NM_007621	lightpink2	0.39291601	0.84080877	protein_coding
Ccnb2	NM_007630	lightpink2	0.623511374	0.83171029	protein_coding
Scarb2	NM_007644	lightpink2	0.726638717	0.899731	protein_coding
Cd38	NM_007646	lightpink2	0.52897314	0.84706693	protein_coding
Cd48	NM_007649	lightpink2	0.692066701	0.86579569	protein_coding
Cfi	NM_007686	lightpink2	0.708705086	0.93840288	protein_coding
Col1a1	NM_007742	lightpink2	0.315688128	0.87173988	protein_coding
Col1a2	NM_007743	lightpink2	0.460788489	0.93625446	protein_coding
Map3k8	NM_007746	lightpink2	0.429757775	0.88797568	protein_coding
Crp	NM_007768	lightpink2	0.564544072	0.8101178	protein_coding
Dmbt1	NM_007769	lightpink2	0.368564216	0.80323121	protein_coding
Csf2rb	NM_007780	lightpink2	0.720370541	0.91133504	protein_coding
Csrp1	NM_007791	lightpink2	0.300915563	0.85397629	protein_coding
Ctsb	NM_007798	lightpink2	0.768869406	0.89303826	protein_coding
Cybb	NM_007807	lightpink2	0.689588197	0.83945334	protein_coding
Cyp2f2	NM_007817	lightpink2	0.373285189	0.81137565	protein_coding
Cyp3a11	NM_007818	lightpink2	0.496997105	0.91969073	protein_coding
Dll1	NM_007865	lightpink2	0.419169315	0.84771116	protein_coding
Reep5	NM_007874	lightpink2	0.58814064	0.94084516	protein_coding
Dsg2	NM_007883	lightpink2	0.512983481	0.9405214	protein_coding
Ebp	NM_007898	lightpink2	0.682356146	0.90612172	protein_coding
S1pr1	NM_007901	lightpink2	0.604772105	0.87836632	protein_coding
Cela2a	NM_007919	lightpink2	0.38881163	0.80582842	protein_coding
Eln	NM_007925	lightpink2	0.4901715	0.97698548	protein_coding
Emp2	NM_007929	lightpink2	0.448790113	0.8512412	protein_coding
Epha8	NM_007939	lightpink2	0.634973491	0.98724455	protein_coding

Mpzl2	NM_007962	lightpink2	0.593437187	0.85071433	protein_coding
F2rl3	NM_007975	lightpink2	0.339200035	0.8299124	protein_coding
Fbn1	NM_007993	lightpink2	0.626840484	0.94289428	protein_coding
Fdxr	NM_007997	lightpink2	0.577028059	0.8313681	protein_coding
Fosl2	NM_008037	lightpink2	0.403676295	0.85395149	protein_coding
Gc	NM_008096	lightpink2	0.595731052	0.87444775	protein_coding
Gcg	NM_008100	lightpink2	0.383864199	0.80766452	protein_coding
Arhgdig	NM_008113	lightpink2	0.601298794	0.89864114	protein_coding
Gna14	NM_008137	lightpink2	0.282789551	0.83015764	protein_coding
Hcn2	NM_008226	lightpink2	0.784360465	0.88667241	protein_coding
Foxq1	NM_008239	lightpink2	0.439842726	0.9130306	protein_coding
Hhex	NM_008245	lightpink2	0.475858725	0.94863863	protein_coding
Hmgcs2	NM_008256	lightpink2	0.688786452	0.91890253	protein_coding
Foxa1	NM_008259	lightpink2	0.463017859	0.8487319	protein_coding
Inhbb	NM_008381	lightpink2	0.823583796	0.88362849	protein_coding
Ins1	NM_008386	lightpink2	0.379502088	0.80573876	protein_coding
Itga2	NM_008396	lightpink2	0.568560779	0.88037543	protein_coding
Itga7	NM_008398	lightpink2	0.588414775	0.88189286	protein_coding
Kcnj8	NM_008428	lightpink2	0.539618448	0.86755521	protein_coding
Krt15	NM_008469	lightpink2	0.427575268	0.80982899	protein_coding
Krt4	NM_008475	lightpink2	0.446392644	0.82381282	protein_coding
Krt6a	NM_008476	lightpink2	0.371356589	0.80183956	protein_coding
Lbp	NM_008489	lightpink2	0.461114614	0.87653444	protein_coding
Lfng	NM_008494	lightpink2	0.443745663	0.89796906	protein_coding
Ltbp3	NM_008520	lightpink2	0.386201837	0.86322111	protein_coding
Ltf	NM_008522	lightpink2	0.601215507	0.88706115	protein_coding
Man1a	NM_008548	lightpink2	0.617413249	0.86721312	protein_coding
Fxyd3	NM_008557	lightpink2	0.331337429	0.81818701	protein_coding
Mt2	NM_008630	lightpink2	0.663430493	0.86469029	protein_coding
Nab1	NM_008667	lightpink2	0.632794374	0.94284607	protein_coding
Ngp	NM_008694	lightpink2	0.732357033	0.94483268	protein_coding
Nqo1	NM_008706	lightpink2	0.791769497	0.82197051	protein_coding

Nog	NM_008711	lightpink2	0.573647766	0.93951574	protein_coding
Nos1	NM_008712	lightpink2	0.569260613	0.96386271	protein_coding
Notch1	NM_008714	lightpink2	0.346257292	0.82739586	protein_coding
P2rx1	NM_008771	lightpink2	0.481803232	0.89553472	protein_coding
Pcsk2	NM_008792	lightpink2	0.484561212	0.94293938	protein_coding
Pdgfa	NM_008808	lightpink2	0.316765219	0.8154976	protein_coding
Serpinf2	NM_008878	lightpink2	0.693453085	0.88554309	protein_coding
Ppic	NM_008908	lightpink2	0.502018637	0.88526228	protein_coding
Ppl	NM_008909	lightpink2	0.535977975	0.9886694	protein_coding
Ptrf	NM_008986	lightpink2	0.461287131	0.92627187	protein_coding
Rac2	NM_009008	lightpink2	0.721412777	0.81641667	protein_coding
Rbp2	NM_009034	lightpink2	0.732307418	0.97178971	protein_coding
Shh	NM_009170	lightpink2	0.356598754	0.85813915	protein_coding
Siah2	NM_009174	lightpink2	0.698015569	0.84713698	protein_coding
Slc16a2	NM_009197	lightpink2	0.812478983	0.88222587	protein_coding
Slc1a5	NM_009201	lightpink2	0.606089487	0.8986701	protein_coding
Serpina3n	NM_009252	lightpink2	0.639492158	0.96407938	protein_coding
Serpina5	NM_009257	lightpink2	0.419511775	0.82950815	protein_coding
Stim1	NM_009287	lightpink2	0.405045098	0.90613479	protein_coding
Syng1	NM_009303	lightpink2	0.474190966	0.93097879	protein_coding
Syng1	NM_009303	lightpink2	0.340679221	0.87224966	protein_coding
Tfpi2	NM_009364	lightpink2	0.670305619	0.83445739	protein_coding
Tgm2	NM_009373	lightpink2	0.654443814	0.80700997	protein_coding
Thbd	NM_009378	lightpink2	0.473426281	0.81104622	protein_coding
Tnfrsf11a	NM_009399	lightpink2	0.699184236	0.85900552	protein_coding
Pglyrp1	NM_009402	lightpink2	0.653381897	0.88156458	protein_coding
Prss2	NM_009430	lightpink2	0.405075915	0.81201777	protein_coding
Tsyp1	NM_009433	lightpink2	0.625739598	0.8676828	protein_coding
Phlda2	NM_009434	lightpink2	0.482324753	0.89549931	protein_coding
Tuba1c	NM_009448	lightpink2	0.718288905	0.8424086	protein_coding
Tubb2a	NM_009450	lightpink2	0.853884421	0.89639308	protein_coding
Vipr2	NM_009511	lightpink2	0.455347429	0.80405644	protein_coding

Slc27a5	NM_009512	lightpink2	0.505641494	0.80554699	protein_coding
Actg2	NM_009610	lightpink2	0.403003454	0.82792558	protein_coding
Alox15	NM_009660	lightpink2	0.548034563	0.91153147	protein_coding
Anxa5	NM_009673	lightpink2	0.524458088	0.87669471	protein_coding
Aoc3	NM_009675	lightpink2	0.573697561	0.83392675	protein_coding
Neurog3	NM_009719	lightpink2	0.395695284	0.80688859	protein_coding
C3	NM_009778	lightpink2	0.635098824	0.81044265	protein_coding
Cat	NM_009804	lightpink2	0.791115062	0.82773865	protein_coding
Cckar	NM_009827	lightpink2	0.505714679	0.95355895	protein_coding
Cel	NM_009885	lightpink2	0.381514295	0.80261873	protein_coding
Clca3a1	NM_009899	lightpink2	0.606758122	0.84682086	protein_coding
Cnn1	NM_009922	lightpink2	0.392280056	0.85187373	protein_coding
Col3a1	NM_009930	lightpink2	0.611040073	0.94468727	protein_coding
Col6a1	NM_009933	lightpink2	0.681108001	0.97068343	protein_coding
Cst3	NM_009976	lightpink2	0.263852835	0.82366662	protein_coding
Cx3cr1	NM_009987	lightpink2	0.716054344	0.93295411	protein_coding
Cyp21a1	NM_009995	lightpink2	0.435150533	0.81010689	protein_coding
Cyp2d10	NM_010005	lightpink2	0.637979908	0.80373067	protein_coding
Sparcl1	NM_010097	lightpink2	0.629377791	0.96232277	protein_coding
Adgre1	NM_010130	lightpink2	0.552498119	0.84874954	protein_coding
Epha3	NM_010140	lightpink2	0.477807969	0.88351076	protein_coding
Fcer1g	NM_010185	lightpink2	0.554079128	0.87219843	protein_coding
Fcgr1	NM_010186	lightpink2	0.858201912	0.83851697	protein_coding
Gamt	NM_010255	lightpink2	0.493789539	0.81856013	protein_coding
Gstm1	NM_010358	lightpink2	0.709685712	0.93891246	protein_coding
Gsto1	NM_010362	lightpink2	0.572876	0.89156483	protein_coding
H2-D1	NM_010380	lightpink2	0.640228774	0.89846794	protein_coding
Foxf1	NM_010426	lightpink2	0.430244482	0.80886486	protein_coding
Hs3st1	NM_010474	lightpink2	0.495335133	0.86694518	protein_coding
Iapp	NM_010491	lightpink2	0.378396641	0.807958	protein_coding
Icam1	NM_010493	lightpink2	0.461181165	0.80438408	protein_coding
Ifngr1	NM_010511	lightpink2	0.450293462	0.84827133	protein_coding

Il16	NM_010551	lightpink2	0.841502137	0.82639311	protein_coding
Cd47	NM_010581	lightpink2	0.683960625	0.85646677	protein_coding
Jag2	NM_010588	lightpink2	0.530299804	0.94287732	protein_coding
Kcnh3	NM_010601	lightpink2	0.677826586	0.83987361	protein_coding
Kcnk3	NM_010608	lightpink2	0.431371186	0.8120447	protein_coding
Krt18	NM_010664	lightpink2	0.52282236	0.97287941	protein_coding
Laptm5	NM_010686	lightpink2	0.595711022	0.87834901	protein_coding
Lcp2	NM_010696	lightpink2	0.775697028	0.90354928	protein_coding
Loxl1	NM_010729	lightpink2	0.468219672	0.87839445	protein_coding
Anxa1	NM_010730	lightpink2	0.484807445	0.93742474	protein_coding
Mafk	NM_010757	lightpink2	0.816609555	0.81592021	protein_coding
Cma1	NM_010780	lightpink2	0.672552307	0.96234336	protein_coding
Tpsb2	NM_010781	lightpink2	0.510753142	0.81705221	protein_coding
Bhlha15	NM_010800	lightpink2	0.384118573	0.81468307	protein_coding
Myd88	NM_010851	lightpink2	0.295490691	0.83616238	protein_coding
Oit3	NM_010959	lightpink2	0.670740746	0.88916522	protein_coding
Ppib	NM_011149	lightpink2	0.892337506	0.90348767	protein_coding
Lgals3bp	NM_011150	lightpink2	0.508611289	0.88771958	protein_coding
Procr	NM_011171	lightpink2	0.276829021	0.85746493	protein_coding
Pros1	NM_011173	lightpink2	0.528925081	0.81014573	protein_coding
St14	NM_011176	lightpink2	0.367352381	0.80122759	protein_coding
Rasgrp1	NM_011246	lightpink2	0.683726652	0.82119065	protein_coding
Apcs	NM_011318	lightpink2	0.546671299	0.94671993	protein_coding
Ccl9	NM_011338	lightpink2	0.771735776	0.93728674	protein_coding
Sema7a	NM_011352	lightpink2	0.449774707	0.87130312	protein_coding
Spi1	NM_011355	lightpink2	0.48625926	0.80234647	protein_coding
Sox2	NM_011443	lightpink2	0.42603429	0.80114154	protein_coding
Abcc8	NM_011510	lightpink2	0.480256737	0.89274352	protein_coding
Tagln	NM_011526	lightpink2	0.400198185	0.92507799	protein_coding
Tcea3	NM_011542	lightpink2	0.548349866	0.91581021	protein_coding
Tff3	NM_011575	lightpink2	0.415304996	0.82842349	protein_coding
Tgfb3	NM_011578	lightpink2	0.770599124	0.90788625	protein_coding

Tnfrsf1b	NM_011610	lightpink2	0.55386042	0.90188227	protein_coding
Ppp1r13b	NM_011625	lightpink2	0.600161314	0.95662751	protein_coding
Prss3	NM_011645	lightpink2	0.391171771	0.82165984	protein_coding
Ucp2	NM_011671	lightpink2	0.806789272	0.87210952	protein_coding
Trpv2	NM_011706	lightpink2	0.55112053	0.97327076	protein_coding
Vwf	NM_011708	lightpink2	0.580933432	0.90182654	protein_coding
Ggt5	NM_011820	lightpink2	0.436492936	0.94369144	protein_coding
Grem1	NM_011824	lightpink2	0.663757167	0.80544487	protein_coding
Grem2	NM_011825	lightpink2	0.745146096	0.89113462	protein_coding
Lynx1	NM_011838	lightpink2	0.52597227	0.88168227	protein_coding
Esyt1	NM_011843	lightpink2	0.695926679	0.91307654	protein_coding
Mmp17	NM_011846	lightpink2	0.287286355	0.86077911	protein_coding
Nr0b2	NM_011850	lightpink2	0.646722133	0.83797341	protein_coding
Nt5e	NM_011851	lightpink2	0.638637604	0.80647877	protein_coding
Aldh1a7	NM_011921	lightpink2	0.452281041	0.94986547	protein_coding
Creb3l1	NM_011957	lightpink2	0.515945449	0.87871639	protein_coding
Atp1b2	NM_013415	lightpink2	0.699097653	0.87719855	protein_coding
Abca1	NM_013454	lightpink2	0.730490402	0.86032559	protein_coding
Anxa4	NM_013471	lightpink2	0.580404243	0.92089492	protein_coding
Apoh	NM_013475	lightpink2	0.62070012	0.85308493	protein_coding
Ar	NM_013476	lightpink2	0.369473518	0.89463483	protein_coding
Clu	NM_013492	lightpink2	0.556096375	0.89456807	protein_coding
Cpe	NM_013494	lightpink2	0.539960941	0.90675146	protein_coding
Cr1l	NM_013499	lightpink2	0.429772631	0.82091272	protein_coding
Stom	NM_013515	lightpink2	0.730591229	0.88399209	protein_coding
Hspb1	NM_013560	lightpink2	0.528982404	0.92902181	protein_coding
Insl3	NM_013564	lightpink2	0.428031519	0.80667669	protein_coding
Mmp9	NM_013599	lightpink2	0.560157935	0.96099471	protein_coding
Mt1	NM_013602	lightpink2	0.734544712	0.94598039	protein_coding
Muc1	NM_013605	lightpink2	0.492097258	0.84652253	protein_coding
Slc11a1	NM_013612	lightpink2	0.641857523	0.96718032	protein_coding
Pam	NM_013626	lightpink2	0.546557446	0.82106102	protein_coding

S100a8	NM_013650	lightpink2	0.697652134	0.85675914	protein_coding
Sema5b	NM_013661	lightpink2	0.574364968	0.94268747	protein_coding
Ttr	NM_013697	lightpink2	0.581683241	0.80754038	protein_coding
Plek2	NM_013738	lightpink2	0.769255053	0.85297366	protein_coding
Akr1c12	NM_013777	lightpink2	0.443721753	0.83610723	protein_coding
Akr1c13	NM_013778	lightpink2	0.421678371	0.81230622	protein_coding
Npas3	NM_013780	lightpink2	0.728537526	0.89571735	protein_coding
Pstpip2	NM_013831	lightpink2	0.657115272	0.91459199	protein_coding
Hspb7	NM_013868	lightpink2	0.609818686	0.97885357	protein_coding
Spdef	NM_013891	lightpink2	0.513216988	0.81065817	protein_coding
Apln	NM_013912	lightpink2	0.567207106	0.83883907	protein_coding
Hnf4g	NM_013920	lightpink2	0.280636998	0.83258303	protein_coding
Col5a1	NM_015734	lightpink2	0.470791091	0.80738355	protein_coding
Galnt4	NM_015737	lightpink2	0.564535655	0.96699559	protein_coding
Lats2	NM_015771	lightpink2	0.480148894	0.80947949	protein_coding
Icosl	NM_015790	lightpink2	0.426426694	0.82330328	protein_coding
Fbxl8	NM_015821	lightpink2	0.423615542	0.9161759	protein_coding
Sntb1	NM_016667	lightpink2	0.54636383	0.88313966	protein_coding
Hpcal1	NM_016677	lightpink2	0.417708776	0.83919243	protein_coding
Grb14	NM_016719	lightpink2	0.458264472	0.8118171	protein_coding
Itgb3	NM_016780	lightpink2	0.759486307	0.8519711	protein_coding
Pdlim3	NM_016798	lightpink2	0.567610009	0.96350989	protein_coding
Avpr1a	NM_016847	lightpink2	0.570194345	0.84446131	protein_coding
Irf6	NM_016851	lightpink2	0.522212272	0.92828669	protein_coding
Pdlim1	NM_016861	lightpink2	0.735118658	0.87011761	protein_coding
Fkbp1b	NM_016863	lightpink2	0.598241066	0.83020346	protein_coding
Srpx	NM_016911	lightpink2	0.489676567	0.89380785	protein_coding
Hp	NM_017370	lightpink2	0.626518149	0.93325437	protein_coding
Sfn	NM_018754	lightpink2	0.41207535	0.80529765	protein_coding
Abcc6	NM_018795	lightpink2	0.613176651	0.95215005	protein_coding
Hs3st3b1	NM_018805	lightpink2	0.433717818	0.80707934	protein_coding
Ptf1a	NM_018809	lightpink2	0.377964473	0.80641291	protein_coding

Nup210	NM_018815	lightpink2	0.676779195	0.8875518	protein_coding
Apom	NM_018816	lightpink2	0.709446107	0.88453083	protein_coding
Cpxm2	NM_018867	lightpink2	0.512113641	0.83840119	protein_coding
Pnliprp1	NM_018874	lightpink2	0.380148172	0.80625538	protein_coding
Hgfac	NM_019447	lightpink2	0.901675045	0.87238516	protein_coding
Hebp2	NM_019487	lightpink2	0.448091599	0.96033039	protein_coding
Bace2	NM_019517	lightpink2	0.479951569	0.89083853	protein_coding
Cited4	NM_019563	lightpink2	0.777134258	0.90459962	protein_coding
Htra1	NM_019564	lightpink2	0.685032534	0.94082464	protein_coding
Ccl24	NM_019577	lightpink2	0.493737522	0.86134708	protein_coding
Tspan7	NM_019634	lightpink2	0.238281823	0.84441416	protein_coding
Nupr1	NM_019738	lightpink2	0.438210252	0.88109619	protein_coding
Dpt	NM_019759	lightpink2	0.448588683	0.84177745	protein_coding
Tmed2	NM_019770	lightpink2	0.617517515	0.87082222	protein_coding
Dstn	NM_019771	lightpink2	0.699779911	0.91385358	protein_coding
Abcb9	NM_019875	lightpink2	0.546018993	0.86167362	protein_coding
Uba52	NM_019883	lightpink2	0.757636515	0.83038989	protein_coding
Rps6ka4	NM_019924	lightpink2	0.350697621	0.85918593	protein_coding
Pf4	NM_019932	lightpink2	0.589890306	0.93874761	protein_coding
Zfp235	NM_019941	lightpink2	0.721617447	0.83206302	protein_coding
Mlycd	NM_019966	lightpink2	0.522961249	0.80484548	protein_coding
Stard10	NM_019990	lightpink2	0.518415588	0.87414079	protein_coding
Tacstd2	NM_020047	lightpink2	0.420383706	0.84228401	protein_coding
Hhip	NM_020259	lightpink2	0.72947685	0.86737905	protein_coding
Vsig2	NM_020518	lightpink2	0.471859777	0.94240026	protein_coding
Akip1	NM_020616	lightpink2	0.857086695	0.81612106	protein_coding
Abcb11	NM_021022	lightpink2	0.725510258	0.96398843	protein_coding
Glp1r	NM_021332	lightpink2	0.448900492	0.81320501	protein_coding
Tnfrsf13b	NM_021349	lightpink2	0.536780641	0.89692619	protein_coding
Fmod	NM_021355	lightpink2	0.458918242	0.86603726	protein_coding
Slc43a3	NM_021398	lightpink2	0.769973143	0.84472351	protein_coding
Adamdec1	NM_021475	lightpink2	0.378642004	0.80894035	protein_coding

Fam129a	NM_022018	lightpink2	0.616331455	0.97449528	protein_coding
Perp	NM_022032	lightpink2	0.561675584	0.98112778	protein_coding
B4galt1	NM_022305	lightpink2	0.679987899	0.90098971	protein_coding
Trpv6	NM_022413	lightpink2	0.33100623	0.80375667	protein_coding
Rcan3	NM_022980	lightpink2	0.515118775	0.89381924	protein_coding
Twsg1	NM_023053	lightpink2	0.581079136	0.9266912	protein_coding
Slc9a3r2	NM_023055	lightpink2	0.381547353	0.84809375	protein_coding
Mcam	NM_023061	lightpink2	0.553594749	0.89858857	protein_coding
Arpc1b	NM_023142	lightpink2	0.444813708	0.9573381	protein_coding
Ethel	NM_023154	lightpink2	0.697818514	0.96073998	protein_coding
Rhoj	NM_023275	lightpink2	0.504317822	0.85111633	protein_coding
Snap29	NM_023348	lightpink2	0.624843582	0.82631921	protein_coding
Wfdc1	NM_023395	lightpink2	0.633388998	0.93604955	protein_coding
Epha1	NM_023580	lightpink2	0.835829388	0.9134773	protein_coding
Lrat	NM_023624	lightpink2	0.805656727	0.82523864	protein_coding
Trim29	NM_023655	lightpink2	0.618251974	0.94104524	protein_coding
Ripk4	NM_023663	lightpink2	0.520203795	0.96987302	protein_coding
Dsp	NM_023842	lightpink2	0.558912138	0.95861511	protein_coding
Tmem79	NM_024246	lightpink2	0.367301614	0.89703794	protein_coding
Mxra8	NM_024263	lightpink2	0.275810587	0.88651046	protein_coding
Cpa1	NM_025350	lightpink2	0.378092477	0.80402176	protein_coding
Tmed3	NM_025360	lightpink2	0.485028113	0.94248787	protein_coding
Ufc1	NM_025388	lightpink2	0.727956097	0.90868399	protein_coding
Serpinb1a	NM_025429	lightpink2	0.713572262	0.82943425	protein_coding
Arfgap3	NM_025445	lightpink2	0.506307965	0.90240133	protein_coding
Ssr2	NM_025448	lightpink2	0.606544988	0.82979829	protein_coding
Tmed6	NM_025458	lightpink2	0.323043626	0.8518158	protein_coding
Tmem126a	NM_025460	lightpink2	0.868074219	0.85281498	protein_coding
Isoc1	NM_025478	lightpink2	0.490028199	0.89395819	protein_coding
1700020L24Rik	NM_025492	lightpink2	0.642943225	0.89179467	protein_coding
Gmpr	NM_025508	lightpink2	0.750873021	0.91365165	protein_coding
Chmp4c	NM_025519	lightpink2	0.449025438	0.8812415	protein_coding

Dhrs7	NM_025522	lightpink2	0.503911818	0.94312464	protein_coding
Ndufa12	NM_025551	lightpink2	0.69781605	0.83886936	protein_coding
Pcp4l1	NM_025557	lightpink2	0.631527659	0.95943771	protein_coding
Mgst3	NM_025569	lightpink2	0.783307055	0.84796104	protein_coding
Ctrb1	NM_025583	lightpink2	0.377595623	0.80648721	protein_coding
Lgals2	NM_025622	lightpink2	0.46408579	0.84276632	protein_coding
Nipsnap3b	NM_025623	lightpink2	0.806729504	0.8491818	protein_coding
Nepn	NM_025684	lightpink2	0.531897708	0.95392895	protein_coding
Proz	NM_025834	lightpink2	0.721468348	0.92841673	protein_coding
Tmem88	NM_025915	lightpink2	0.435320873	0.86333447	protein_coding
Nrarp	NM_025980	lightpink2	0.455014496	0.88379398	protein_coding
Rnf141	NM_025999	lightpink2	0.475656752	0.82229218	protein_coding
Cers4	NM_026058	lightpink2	0.608333828	0.93769918	protein_coding
Ero1lb	NM_026184	lightpink2	0.813696966	0.90420134	protein_coding
Tm7sf3	NM_026281	lightpink2	0.511562481	0.81109474	protein_coding
Rnf125	NM_026301	lightpink2	0.445469154	0.88847312	protein_coding
Mansc1	NM_026345	lightpink2	0.414156695	0.8299644	protein_coding
Arpc5	NM_026369	lightpink2	0.631444275	0.88174413	protein_coding
Cdk2ap2	NM_026373	lightpink2	0.395608226	0.87060627	protein_coding
Pllp	NM_026385	lightpink2	0.430384944	0.8711223	protein_coding
Tprgl	NM_026388	lightpink2	0.538511718	0.8630786	protein_coding
Rer1	NM_026395	lightpink2	0.75016221	0.81938576	protein_coding
S100a16	NM_026416	lightpink2	0.315409366	0.80996498	protein_coding
Cela3b	NM_026419	lightpink2	0.383171642	0.80922913	protein_coding
Ccdc80	NM_026439	lightpink2	0.440165415	0.81298361	protein_coding
Serpini2	NM_026460	lightpink2	0.380313184	0.8048508	protein_coding
Slc25a39	NM_026542	lightpink2	0.642861053	0.86630077	protein_coding
Fam114a1	NM_026667	lightpink2	0.609897664	0.95204719	protein_coding
Dopey2	NM_026700	lightpink2	0.650858968	0.8399775	protein_coding
Sycn	NM_026716	lightpink2	0.372182849	0.80325151	protein_coding
Col6a4	NM_026763	lightpink2	0.508599953	0.95267022	protein_coding
Cdc42ep2	NM_026772	lightpink2	0.617581861	0.87702597	protein_coding

Myct1	NM_026793	lightpink2	0.434493719	0.81255528	protein_coding
Stoml1	NM_026942	lightpink2	0.461211333	0.84280311	protein_coding
Pex11g	NM_026951	lightpink2	0.718762051	0.89907664	protein_coding
Erp27	NM_026983	lightpink2	0.376708136	0.82114658	protein_coding
Mfsd3	NM_027122	lightpink2	0.435078298	0.8384944	protein_coding
Mtfmt	NM_027134	lightpink2	0.62913383	0.81616788	protein_coding
Sec24d	NM_027135	lightpink2	0.715225334	0.97512588	protein_coding
Tmbim1	NM_027154	lightpink2	0.316833847	0.9081102	protein_coding
Upk3bl	NM_027158	lightpink2	0.38992875	0.87339059	protein_coding
Ms4a6b	NM_027209	lightpink2	0.641705349	0.95503829	protein_coding
Cmtm8	NM_027294	lightpink2	0.44073582	0.95745711	protein_coding
Ly6g6e	NM_027366	lightpink2	0.330368623	0.88834088	protein_coding
Calml3	NM_027416	lightpink2	0.279868025	0.82879909	protein_coding
5730508B09Rik	NM_027482	lightpink2	0.583755688	0.84488112	protein_coding
Gpr39	NM_027677	lightpink2	0.336004352	0.87717619	protein_coding
Iqgap2	NM_027711	lightpink2	0.667857443	0.8263331	protein_coding
Arl14	NM_027843	lightpink2	0.376093535	0.83007282	protein_coding
Dram1	NM_027878	lightpink2	0.538283421	0.85803121	protein_coding
Rhpn2	NM_027897	lightpink2	0.313304388	0.89600216	protein_coding
Tmprss6	NM_027902	lightpink2	0.542153882	0.82282517	protein_coding
Mar-8	NM_027920	lightpink2	0.740827965	0.81308398	protein_coding
Tmem50a	NM_027935	lightpink2	0.615795628	0.93754599	protein_coding
Osgin1	NM_027950	lightpink2	0.60785921	0.86016755	protein_coding
Cfap52	NM_027963	lightpink2	0.69731849	0.80682481	protein_coding
Acsl5	NM_027976	lightpink2	0.617682884	0.91081344	protein_coding
Lypd6b	NM_027990	lightpink2	0.569045832	0.92748323	protein_coding
Cldn23	NM_027998	lightpink2	0.349352344	0.83320654	protein_coding
Endod1	NM_028013	lightpink2	0.697370418	0.92535674	protein_coding
Gatsl3	NM_028022	lightpink2	0.23469164	0.85867269	protein_coding
2010300C02Rik	NM_028096	lightpink2	0.50951067	0.92698279	protein_coding
Tram1	NM_028173	lightpink2	0.583154695	0.87887538	protein_coding
B3gnt3	NM_028189	lightpink2	0.607307066	0.92904004	protein_coding

Cyth4	NM_028195	lightpink2	0.523459107	0.93210882	protein_coding
Rab38	NM_028238	lightpink2	0.62338878	0.95981938	protein_coding
Aldh1b1	NM_028270	lightpink2	0.556171639	0.93902	protein_coding
Cxx1c	NM_028375	lightpink2	0.410903575	0.88868066	protein_coding
Pmpcb	NM_028431	lightpink2	0.613987088	0.85173196	protein_coding
Prkcdbp	NM_028444	lightpink2	0.322011187	0.91394861	protein_coding
Marveld3	NM_028584	lightpink2	0.24089879	0.81254219	protein_coding
Cybrd1	NM_028593	lightpink2	0.626870061	0.82683246	protein_coding
Zbtb8a	NM_028603	lightpink2	0.550276574	0.83184845	protein_coding
Psd	NM_028627	lightpink2	0.465706772	0.85602406	protein_coding
Mfsd12	NM_028657	lightpink2	0.477334153	0.86039849	protein_coding
Sdr42e1	NM_028725	lightpink2	0.416043376	0.84395358	protein_coding
Esyt2	NM_028731	lightpink2	0.67602658	0.91200103	protein_coding
Pop7	NM_028753	lightpink2	0.353458645	0.80831856	protein_coding
Cbx6	NM_028763	lightpink2	0.289617862	0.87663563	protein_coding
Krt80	NM_028770	lightpink2	0.376693862	0.90119554	protein_coding
Acot12	NM_028790	lightpink2	0.855902607	0.90079372	protein_coding
Isca2	NM_028863	lightpink2	0.686951176	0.93677451	protein_coding
Cltb	NM_028870	lightpink2	0.611784981	0.98518908	protein_coding
Lrrc17	NM_028977	lightpink2	0.548309402	0.87668057	protein_coding
Fam234b	NM_028982	lightpink2	0.428923588	0.80635413	protein_coding
Pck2	NM_028994	lightpink2	0.505227568	0.91694073	protein_coding
Kcnk16	NM_029006	lightpink2	0.437900677	0.81260397	protein_coding
Tbc1d30	NM_029057	lightpink2	0.476884833	0.92661691	protein_coding
Trim14	NM_029077	lightpink2	0.618612788	0.84728917	protein_coding
Rasd2	NM_029182	lightpink2	0.345552855	0.84436469	protein_coding
Mettl5	NM_029280	lightpink2	0.242182905	0.84613999	protein_coding
Pcdh1	NM_029357	lightpink2	0.5033205	0.93303843	protein_coding
Gbp8	NM_029509	lightpink2	0.581365429	0.9055888	protein_coding
Rap2a	NM_029519	lightpink2	0.520844549	0.81138701	protein_coding
Asb5	NM_029569	lightpink2	0.440673408	0.83431565	protein_coding
Prss23	NM_029614	lightpink2	0.516412196	0.8185715	protein_coding

Stambp1	NM_029682	lightpink2	0.430197033	0.93349766	protein_coding
Cpb1	NM_029706	lightpink2	0.387089871	0.90755441	protein_coding
Urah	NM_029821	lightpink2	0.564275488	0.84831045	protein_coding
Rgs7bp	NM_029879	lightpink2	0.418235041	0.83429676	protein_coding
Ulbp1	NM_029975	lightpink2	0.59460751	0.87478769	protein_coding
Klhdc8b	NM_030075	lightpink2	0.506388528	0.96015584	protein_coding
Dsg3	NM_030596	lightpink2	0.440582747	0.81769595	protein_coding
Clca3a2	NM_030601	lightpink2	0.624416841	0.9911076	protein_coding
Cpn1	NM_030703	lightpink2	0.607106262	0.99167017	protein_coding
Hspb8	NM_030704	lightpink2	0.685393809	0.91485506	protein_coding
F13b	NM_031164	lightpink2	0.75320718	0.87596162	protein_coding
Kcnmb1	NM_031169	lightpink2	0.549448151	0.97075252	protein_coding
Krt8	NM_031170	lightpink2	0.399275422	0.89852062	protein_coding
Tnxb	NM_031176	lightpink2	0.341298597	0.86571962	protein_coding
Pik3ap1	NM_031376	lightpink2	0.636231852	0.95444051	protein_coding
Syt1	NM_031393	lightpink2	0.569677495	0.91783746	protein_coding
Cdo1	NM_033037	lightpink2	0.549040643	0.80723299	protein_coding
Emc9	NM_033146	lightpink2	0.666053666	0.94870027	protein_coding
Chrm3	NM_033269	lightpink2	0.544380768	0.90128279	protein_coding
Dock2	NM_033374	lightpink2	0.77825287	0.83545294	protein_coding
Cela1	NM_033612	lightpink2	0.571968441	0.92729276	protein_coding
Tcf23	NM_053085	lightpink2	0.4205669	0.85698442	protein_coding
Cox4i2	NM_053091	lightpink2	0.393858399	0.87713086	protein_coding
Lmod1	NM_053106	lightpink2	0.441900061	0.8327759	protein_coding
Mrpl36	NM_053163	lightpink2	0.527199103	0.88774813	protein_coding
Col4a6	NM_053185	lightpink2	0.505125323	0.83103774	protein_coding
Pi15	NM_053191	lightpink2	0.422908203	0.89978578	protein_coding
Ces1d	NM_053200	lightpink2	0.710083426	0.80713222	protein_coding
Myo1f	NM_053214	lightpink2	0.640701531	0.80116386	protein_coding
Prss1	NM_053243	lightpink2	0.370062238	0.8091487	protein_coding
Lyve1	NM_053247	lightpink2	0.649208497	0.94136639	protein_coding
Ttyh2	NM_053273	lightpink2	0.606512532	0.80091389	protein_coding

Osr2	NM_054049	lightpink2	0.463036024	0.85417353	protein_coding
Elmo1	NM_080288	lightpink2	0.603696129	0.94013267	protein_coding
Synpo2	NM_080451	lightpink2	0.451695996	0.94075609	protein_coding
Itpr3	NM_080553	lightpink2	0.471671744	0.89980214	protein_coding
Colec12	NM_130449	lightpink2	0.835475659	0.80245908	protein_coding
Mat1a	NM_133653	lightpink2	0.599199991	0.90800478	protein_coding
Cd81	NM_133655	lightpink2	0.447599929	0.84369077	protein_coding
Lad1	NM_133664	lightpink2	0.438814557	0.88409474	protein_coding
Tspan1	NM_133681	lightpink2	0.51235747	0.93549001	protein_coding
Smim14	NM_133697	lightpink2	0.49318948	0.86657456	protein_coding
Tmem123	NM_133739	lightpink2	0.723334283	0.90231019	protein_coding
Lypd3	NM_133743	lightpink2	0.403786286	0.82873576	protein_coding
Calhm2	NM_133746	lightpink2	0.499681744	0.95096975	protein_coding
D1Ertd622e	NM_133825	lightpink2	0.632855588	0.83557998	protein_coding
Ehd4	NM_133838	lightpink2	0.47054863	0.86262339	protein_coding
Snapin	NM_133854	lightpink2	0.696651715	0.83024926	protein_coding
Olfml3	NM_133859	lightpink2	0.535737216	0.85970744	protein_coding
Cyp4v3	NM_133969	lightpink2	0.596353614	0.96811639	protein_coding
Trf	NM_133977	lightpink2	0.655302523	0.85490834	protein_coding
Gstt3	NM_133994	lightpink2	0.423240642	0.81721442	protein_coding
Fig4	NM_133999	lightpink2	0.535058776	0.80777588	protein_coding
Rab15	NM_134050	lightpink2	0.527337995	0.90176172	protein_coding
Kdelr3	NM_134090	lightpink2	0.727113906	0.8364935	protein_coding
Cd300c2	NM_134158	lightpink2	0.480344028	0.82155605	protein_coding
Stab1	NM_138672	lightpink2	0.475793938	0.87158886	protein_coding
Sdpr	NM_138741	lightpink2	0.559423386	0.94745046	protein_coding
Slc6a20a	NM_139142	lightpink2	0.666142772	0.83609433	protein_coding
Mylk	NM_139300	lightpink2	0.33354838	0.81110317	protein_coding
Lgi4	NM_144556	lightpink2	0.379744603	0.85483235	protein_coding
Tmem63a	NM_144794	lightpink2	0.490633671	0.82284805	protein_coding
Metrn1	NM_144797	lightpink2	0.395094491	0.8210616	protein_coding
Eppk1	NM_144848	lightpink2	0.467682106	0.89971386	protein_coding

Slc7a4	NM_144852	lightpink2	0.38011325	0.81969164	protein_coding
Rab29	NM_144875	lightpink2	0.587746172	0.87533801	protein_coding
1700019D03Rik	NM_144953	lightpink2	0.538226416	0.84697859	protein_coding
Ugt1a6a	NM_145079	lightpink2	0.475041779	0.89439306	protein_coding
Lrrc3	NM_145152	lightpink2	0.616438542	0.84270475	protein_coding
Oas1a	NM_145211	lightpink2	0.541366345	0.94557517	protein_coding
Mrgprf	NM_145379	lightpink2	0.697313023	0.95158491	protein_coding
Scgn	NM_145399	lightpink2	0.286663591	0.81748431	protein_coding
Tmprss4	NM_145403	lightpink2	0.401158492	0.80602099	protein_coding
Fam20b	NM_145413	lightpink2	0.505459102	0.87130506	protein_coding
Hkdc1	NM_145419	lightpink2	0.516780518	0.93785761	protein_coding
Mrm1	NM_145433	lightpink2	0.42647406	0.82632872	protein_coding
Pyy	NM_145435	lightpink2	0.37569115	0.80563874	protein_coding
Tmc6	NM_145439	lightpink2	0.564108366	0.82460641	protein_coding
Ggact	NM_145466	lightpink2	0.551966721	0.82102889	protein_coding
Nipal2	NM_145469	lightpink2	0.40092683	0.8265837	protein_coding
Rin1	NM_145495	lightpink2	0.240936082	0.83899862	protein_coding
Cyp2c70	NM_145499	lightpink2	0.578604352	0.83165871	protein_coding
Rhov	NM_145530	lightpink2	0.479149869	0.83704424	protein_coding
Edem2	NM_145537	lightpink2	0.463030288	0.94038604	protein_coding
Ldlrap1	NM_145554	lightpink2	0.445879896	0.89505698	protein_coding
Cald1	NM_145575	lightpink2	0.792209176	0.84884243	protein_coding
Spon1	NM_145584	lightpink2	0.834940486	0.82027239	protein_coding
Ell3	NM_145973	lightpink2	0.504367182	0.80932889	protein_coding
Phyhip	NM_145981	lightpink2	0.746233124	0.9302543	protein_coding
Fam83f	NM_145986	lightpink2	0.484855832	0.95896991	protein_coding
Col6a2	NM_146007	lightpink2	0.617825087	0.9888502	protein_coding
Tcp11l2	NM_146008	lightpink2	0.814005913	0.82479112	protein_coding
Dap	NM_146057	lightpink2	0.467854791	0.88869843	protein_coding
Tubb4b	NM_146116	lightpink2	0.625993836	0.80803272	protein_coding
Itpka	NM_146125	lightpink2	0.421060837	0.83811115	protein_coding
Fam151a	NM_146149	lightpink2	0.56286632	0.86900364	protein_coding

Chrn4	NM_148944	lightpink2	0.433258945	0.86606933	protein_coding
Unc5c1	NM_152823	lightpink2	0.478498257	0.88022054	protein_coding
Ehd2	NM_153068	lightpink2	0.493439728	0.92544282	protein_coding
Lrrc25	NM_153074	lightpink2	0.626114221	0.900952	protein_coding
Cd109	NM_153098	lightpink2	0.554106969	0.83494648	protein_coding
Nudt18	NM_153136	lightpink2	0.428012611	0.80515223	protein_coding
Abca8a	NM_153145	lightpink2	0.794152912	0.86910403	protein_coding
Pde5a	NM_153422	lightpink2	0.675327852	0.88069069	protein_coding
Mboat1	NM_153546	lightpink2	0.469013512	0.84204232	protein_coding
BC029214	NM_153557	lightpink2	0.315988409	0.86015875	protein_coding
Pcsk9	NM_153565	lightpink2	0.665968681	0.97438438	protein_coding
Ugt2b34	NM_153598	lightpink2	0.511693805	0.88887822	protein_coding
Acap1	NM_153788	lightpink2	0.732009472	0.91157444	protein_coding
Dpyd	NM_170778	lightpink2	0.642989056	0.87956883	protein_coding
Myl9	NM_172118	lightpink2	0.446650229	0.93051119	protein_coding
Tarsl2	NM_172310	lightpink2	0.621088071	0.90935865	protein_coding
Smim7	NM_172396	lightpink2	0.631160239	0.81019416	protein_coding
Ndnf	NM_172399	lightpink2	0.528802852	0.83005212	protein_coding
Slc25a32	NM_172402	lightpink2	0.689321683	0.81258395	protein_coding
Sphkap	NM_172430	lightpink2	0.676725869	0.94558216	protein_coding
Dtx4	NM_172442	lightpink2	0.549477569	0.94682325	protein_coding
Clic6	NM_172469	lightpink2	0.503319873	0.95596322	protein_coding
Itih5	NM_172471	lightpink2	0.580049724	0.91566703	protein_coding
Arhgef19	NM_172520	lightpink2	0.476652743	0.85880657	protein_coding
Tns4	NM_172564	lightpink2	0.588712095	0.82588993	protein_coding
Ldlrad4	NM_172631	lightpink2	0.653262672	0.80812847	protein_coding
F11r	NM_172647	lightpink2	0.501977052	0.84577967	protein_coding
Gtdc1	NM_172662	lightpink2	0.793280694	0.80123437	protein_coding
Galnt12	NM_172693	lightpink2	0.394679134	0.92504949	protein_coding
Agpat9	NM_172715	lightpink2	0.593363639	0.95633172	protein_coding
Lrp11	NM_172784	lightpink2	0.788659938	0.84169274	protein_coding
Adgrg7	NM_172825	lightpink2	0.405450687	0.81868301	protein_coding

Kirrel2	NM_172898	lightpink2	0.42910392	0.87058508	protein_coding
Scml4	NM_172938	lightpink2	0.692568813	0.95209508	protein_coding
Pon3	NM_173006	lightpink2	0.609635981	0.81422123	protein_coding
Erich5	NM_173421	lightpink2	0.413930641	0.86694188	protein_coding
Insc	NM_173767	lightpink2	0.604220778	0.97102356	protein_coding
Stfa2l1	NM_173869	lightpink2	0.611265956	0.93163891	protein_coding
Gimap5	NM_175035	lightpink2	0.290499601	0.84264799	protein_coding
Leprot	NM_175036	lightpink2	0.637372185	0.83881672	protein_coding
Agtr1b	NM_175086	lightpink2	0.506408224	0.91127289	protein_coding
Stbd1	NM_175096	lightpink2	0.58693185	0.89063278	protein_coding
Heg1	NM_175256	lightpink2	0.590540056	0.8325134	protein_coding
Mob3c	NM_175308	lightpink2	0.648807581	0.93865994	protein_coding
Etnk2	NM_175443	lightpink2	0.738260112	0.90030964	protein_coding
Hid1	NM_175454	lightpink2	0.594914391	0.814719	protein_coding
Slitrk6	NM_175499	lightpink2	0.551523065	0.87956953	protein_coding
Hcar1	NM_175520	lightpink2	0.400257676	0.85104761	protein_coding
Elfn1	NM_175522	lightpink2	0.302141009	0.84346468	protein_coding
A2m	NM_175628	lightpink2	0.738829479	0.88285298	protein_coding
Adamts2	NM_175643	lightpink2	0.631273047	0.85122529	protein_coding
Esrp2	NM_176838	lightpink2	0.543069928	0.81210665	protein_coding
Chrna5	NM_176844	lightpink2	0.663778627	0.94866976	protein_coding
Itga11	NM_176922	lightpink2	0.706099071	0.96936743	protein_coding
Olfml2b	NM_177068	lightpink2	0.598522346	0.92743133	protein_coding
Tacc1	NM_177089	lightpink2	0.491664742	0.83590692	protein_coding
Msrb3	NM_177092	lightpink2	0.581859288	0.94332129	protein_coding
Rinl	NM_177158	lightpink2	0.360228927	0.88162124	protein_coding
Grm7	NM_177328	lightpink2	0.597887631	0.92599908	protein_coding
Rab5b	NM_177411	lightpink2	0.477146694	0.81134076	protein_coding
Acaa2	NM_177470	lightpink2	0.555567048	0.87757449	protein_coding
Igsf1	NM_177591	lightpink2	0.577502663	0.93115501	protein_coding
AA986860	NM_177604	lightpink2	0.49985885	0.86664755	protein_coding
Fam167a	NM_177628	lightpink2	0.581822171	0.9019145	protein_coding

Clec12a	NM_177686	lightpink2	0.451048944	0.84312179	protein_coding
Tmem26	NM_177794	lightpink2	0.701905247	0.90312666	protein_coding
Fam185a	NM_177869	lightpink2	0.567311004	0.80862784	protein_coding
Sdk1	NM_177879	lightpink2	0.601684401	0.86232506	protein_coding
Opcml	NM_177906	lightpink2	0.626246052	0.97722321	protein_coding
Slc9a9	NM_177909	lightpink2	0.502299442	0.84557816	protein_coding
Fads6	NM_178035	lightpink2	0.65765319	0.84546138	protein_coding
Il22ra1	NM_178257	lightpink2	0.461369355	0.83602601	protein_coding
Vtcn1	NM_178594	lightpink2	0.342276563	0.90243843	protein_coding
Tagln2	NM_178598	lightpink2	0.464388966	0.89379888	protein_coding
Cggbp1	NM_178647	lightpink2	0.667503573	0.82026211	protein_coding
Slc35f1	NM_178675	lightpink2	0.375612999	0.82453641	protein_coding
Entpd3	NM_178676	lightpink2	0.552574115	0.86517285	protein_coding
Zfp365	NM_178679	lightpink2	0.364575716	0.80491785	protein_coding
Plscr4	NM_178711	lightpink2	0.767690796	0.87741517	protein_coding
Aldh8a1	NM_178713	lightpink2	0.657475849	0.94463599	protein_coding
D630039A03Rik	NM_178727	lightpink2	0.621856693	0.95996015	protein_coding
Vstm4	NM_178791	lightpink2	0.44758378	0.86431219	protein_coding
Pld4	NM_178911	lightpink2	0.610344147	0.9716231	protein_coding
Kazald1	NM_178929	lightpink2	0.430742624	0.87123949	protein_coding
Col14a1	NM_181277	lightpink2	0.57328598	0.88343334	protein_coding
C1rl	NM_181344	lightpink2	0.618105196	0.940037	protein_coding
Rftn1	NM_181397	lightpink2	0.446055408	0.85207427	protein_coding
Pof1b	NM_181579	lightpink2	0.480877045	0.89546528	protein_coding
Gab3	NM_181584	lightpink2	0.837751247	0.92259792	protein_coding
Hcfc1r1	NM_181821	lightpink2	0.657452717	0.883321	protein_coding
Fgb	NM_181849	lightpink2	0.691686764	0.83464067	protein_coding
Tppp	NM_182839	lightpink2	0.899188818	0.82956558	protein_coding
Gprin3	NM_183183	lightpink2	0.502672818	0.81842205	protein_coding
Pon2	NM_183308	lightpink2	0.647088252	0.92414277	protein_coding
Tbc1d2b	NM_194334	lightpink2	0.480453427	0.9472873	protein_coding
1110008P14Rik	NM_198001	lightpink2	0.532078506	0.90166046	protein_coding

Fermt1	NM_198029	lightpink2	0.475406923	0.83934556	protein_coding
Bst2	NM_198095	lightpink2	0.509997524	0.83942961	protein_coding
Ntf5	NM_198190	lightpink2	0.413953193	0.81186095	protein_coding
Inf2	NM_198411	lightpink2	0.603922335	0.86245476	protein_coding
Jade2	NM_199299	lightpink2	0.751606368	0.98272643	protein_coding
Tlr13	NM_205820	lightpink2	0.750082279	0.82914244	protein_coding
8430431K14Rik	NR_002849	lightpink2	0.621795572	0.836872922	ncRNA
BC029722	NR_015528	lightpink2	0.549650389	0.866679959	ncRNA
Gm14057	NR_024097	lightpink2	0.663994735	0.844439891	pseudo
5033406O09Rik	NR_029464	lightpink2	0.590189531	0.82577895	lncRNA
Mir148a	NR_029719	lightpink2	0.460091331	0.861005925	miRNA
Mir874	NR_030544	lightpink2	0.341515907	0.856187998	miRNA
Mir1929	NR_035450	lightpink2	0.365520421	0.806107295	miRNA
4930487H11Rik	NR_040601	lightpink2	0.666593497	0.812163113	ncRNA
AI463170	NR_046044	lightpink2	0.519352506	0.838779863	lncRNA
Mir6897	NR_105862	lightpink2	0.825141363	0.858010067	miRNA
Mir6969	NR_105935	lightpink2	0.377964473	0.806412907	miRNA
Mir7671	NR_106131	lightpink2	0.551257351	0.837369572	miRNA
4833413E03Rik	ENSMUSG00000013562	plum4	-0.454091914	0.82760771	lncRNA
4930579G18Rik	ENSMUSG00000040840	plum4	-0.413359076	0.87397094	lncRNA
4930579G18Rik	ENSMUSG00000040840	plum4	-0.499570255	0.93602147	lncRNA
9930104L06Rik	ENSMUSG00000044730	plum4	-0.595640974	0.81407473	protein_coding
Hoxd3os1	ENSMUSG00000052371	plum4	-0.803067109	0.93771835	lncRNA
Dancr	ENSMUSG00000053656	plum4	-0.631390363	0.87779705	LncRNA
9430021M05Rik	ENSMUSG00000054457	plum4	-0.550967543	0.90307369	lncRNA
Gm10369	ENSMUSG00000072573	plum4	-0.725063656	0.87285562	lncRNA
Gm10399	ENSMUSG00000072688	plum4	0.444328617	-0.8595726	lncRNA
2310040G07Rik	ENSMUSG00000072852	plum4	-0.355615765	0.83340461	pseudogene
4632427E13Rik	ENSMUSG00000074024	plum4	-0.598046896	0.892762	lncRNA
4632427E13Rik	ENSMUSG00000074024	plum4	-0.421712038	0.95215731	lncRNA
2610203C20Rik	ENSMUSG00000074415	plum4	-0.574286558	0.84960146	lncRNA
Wt1os	ENSMUSG00000074987	plum4	-0.477386046	0.81679259	lncRNA

2810410L24Rik	ENSMUSG00000075389	plum4	-0.777316143	0.82898705	lncRNA
Dnm3os	ENSMUSG00000078190	plum4	-0.550756607	0.93605378	lncRNA
1700028N14Rik	ENSMUSG00000078635	plum4	-0.348128131	0.82836856	lncRNA
Gm16140	ENSMUSG00000084085	plum4	-0.49405589	0.85795241	lncRNA
Gm14617	ENSMUSG00000084795	plum4	0.666550118	-0.8295628	lncRNA
4933408N05Rik	ENSMUSG00000084848	plum4	-0.540192851	0.86279744	lncRNA
2610204G07Rik	ENSMUSG00000084860	plum4	-0.323213644	0.87579127	lncRNA
Gm14827	ENSMUSG00000084904	plum4	-0.494749021	0.90824957	lncRNA
Gm5577	ENSMUSG00000084950	plum4	-0.786101226	0.88590302	lncRNA
Gm12737	ENSMUSG00000085093	plum4	-0.598550183	0.90161439	lncRNA
Gm11974	ENSMUSG00000085156	plum4	-0.718887801	0.83451706	lncRNA
Lrrc75aos1	ENSMUSG00000085170	plum4	-0.802460219	0.85303466	lncRNA
Gm14376	ENSMUSG00000085228	plum4	-0.794151566	0.86486745	lncRNA
Gm15663	ENSMUSG00000085282	plum4	-0.713806445	0.9152166	lncRNA
9130410C08Rik	ENSMUSG00000085323	plum4	-0.763717181	0.87771834	lncRNA
Snhg17	ENSMUSG00000085385	plum4	-0.443928076	0.938431	lncRNA
Gm15735	ENSMUSG00000085423	plum4	-0.314524517	0.84860778	lncRNA
Gm12786	ENSMUSG00000085581	plum4	-0.486407716	0.87312429	lncRNA
3110056K07Rik	ENSMUSG00000085622	plum4	-0.697117305	0.88580568	lncRNA
Hoxaas3	ENSMUSG00000085696	plum4	-0.77525611	0.92163043	lncRNA
Gm15624	ENSMUSG00000085782	plum4	-0.561523641	0.88530175	lncRNA
Gm14634	ENSMUSG00000085891	plum4	-0.691478785	0.95331666	lncRNA
Gm16095	ENSMUSG00000086014	plum4	-0.440249952	0.85305075	lncRNA
Gm16159	ENSMUSG00000086134	plum4	-0.670199103	0.96268793	lncRNA
Gm15850	ENSMUSG00000086264	plum4	-0.597602004	0.82445827	lncRNA
G630016G05Rik	ENSMUSG00000086308	plum4	-0.894712189	0.88028978	lncRNA
Gm15835	ENSMUSG00000086464	plum4	-0.480887221	0.82686682	lncRNA
Mypopos	ENSMUSG00000086533	plum4	-0.703181545	0.84384975	lncRNA
Nespas	ENSMUSG00000086537	plum4	-0.358990956	0.89065109	lncRNA
Gm12064	ENSMUSG00000086612	plum4	-0.323827651	0.80216875	lncRNA
Gm16023	ENSMUSG00000086682	plum4	-0.395289483	0.80692048	lncRNA
Gm16275	ENSMUSG00000086719	plum4	-0.642567174	0.94373243	lncRNA

Gm11730	ENSMUSG00000087057	plum4	0.488338099	-0.8507331	lncRNA
A830082K12Rik	ENSMUSG00000087143	plum4	-0.449735627	0.94203779	lncRNA
Gm15541	ENSMUSG00000087371	plum4	-0.601258146	0.94941029	lncRNA
4930577N17Rik	ENSMUSG00000087440	plum4	-0.353646124	0.87665165	TEC
Gm16091	ENSMUSG00000087502	plum4	-0.659540003	0.81617754	lncRNA
Gm12914	ENSMUSG00000087608	plum4	-0.359999086	0.82319384	lncRNA
Gm16299	ENSMUSG00000089679	plum4	-0.579075372	0.81673587	lncRNA
Gm16334	ENSMUSG00000089757	plum4	-0.561395061	0.87263905	processed transcript
Tbc1d22bos	ENSMUSG00000089900	plum4	-0.358932688	0.83790487	lncRNA
Gm15689	ENSMUSG00000089924	plum4	-0.491508589	0.87658123	lncRNA
Gm17024	ENSMUSG00000090582	plum4	-0.722141949	0.81111108	lncRNA
Gm17110	ENSMUSG00000090779	plum4	-0.626731121	0.81709041	lncRNA
Gm17218	ENSMUSG00000091078	plum4	-0.887307571	0.80309815	lncRNA
Gm20535	ENSMUSG00000092373	plum4	-0.676916226	0.87570873	lncRNA
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Zfhx2os	ENSMUSG00000093452	plum4	-0.532382734	0.90934473	lncRNA
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2700038G22Rik	ENSMUSG00000097180	plum4	-0.499105964	0.81198364	lncRNA
Gm26594	ENSMUSG00000097189	plum4	-0.538370359	0.93142041	lncRNA
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2900076A07Rik	ENSMUSG00000097277	plum4	-0.869312155	0.8185965	lncRNA
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Gm17249	ENSMUSG00000097309	plum4	-0.620010372	0.81041788	lncRNA
Tmem147os	ENSMUSG00000097320	plum4	-0.724051799	0.87297551	lncRNA
Gm10544	ENSMUSG00000097430	plum4	-0.422005088	0.92337567	lncRNA
Gm26538	ENSMUSG00000097507	plum4	-0.711793248	0.85194505	lincRNA
1700037F24Rik	ENSMUSG00000097540	plum4	-0.453344739	0.80733817	protein_coding
C130060C02Rik	ENSMUSG00000097557	plum4	-0.57995745	0.92847218	lncRNA
D430018E03Rik	ENSMUSG00000097559	plum4	-0.509286314	0.90923323	lncRNA

G730003C15Rik	ENSMUSG00000097573	plum4	-0.610857152	0.81709015	lncRNA
4930500F10Rik	ENSMUSG00000097592	plum4	-0.606833184	0.92565976	lncRNA
1500002F19Rik	ENSMUSG00000097595	plum4	-0.521774046	0.83642949	lncRNA
Gm26562	ENSMUSG00000097621	plum4	0.516426607	-0.8089943	lncRNA
Gm26742	ENSMUSG00000097707	plum4	-0.575034255	0.91138524	lincRNA
2810429I04Rik	ENSMUSG00000097709	plum4	-0.593067431	0.91329483	lncRNA
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Gm26859	ENSMUSG00000097862	plum4	-0.812490801	0.87973306	lincRNA
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Gm4258	ENSMUSG00000098243	plum4	-0.65592365	0.95327787	lncRNA
1500004A13Rik	ENSMUSG00000098912	plum4	-0.809838802	0.84485659	lncRNA
Gm19667	ENSMUSG00000099373	plum4	-0.390494719	0.85253861	lncRNA
Gm28119	ENSMUSG00000100158	plum4	-0.399078985	0.83396019	lncRNA
Gm28323	ENSMUSG00000100313	plum4	-0.855999978	0.81793774	lncRNA
Gm29170	ENSMUSG00000100455	plum4	-0.592206595	0.81492198	lncRNA
Gm28277	ENSMUSG00000100620	plum4	-0.700193818	0.80080019	lncRNA
Gm28989	ENSMUSG00000101308	plum4	-0.423195995	0.85905487	lncRNA
Gm28876	ENSMUSG00000101356	plum4	-0.824728986	0.89050728	lncRNA
Gm29415	ENSMUSG00000101677	plum4	-0.635303656	0.81083285	lincRNA
Gm29480	ENSMUSG00000101995	plum4	-0.585292976	0.95089909	lncRNA
4933400F21Rik	ENSMUSG00000102009	plum4	-0.481407268	0.81156987	lncRNA
Gm29246	ENSMUSG00000102062	plum4	-0.524831136	0.91242773	lncRNA
Gm26930	ENSMUSG00000102142	plum4	-0.779369292	0.89551213	lncRNA
Gm38057	ENSMUSG00000102143	plum4	-0.427264693	0.88873172	TEC
C230085N15Rik	ENSMUSG00000102212	plum4	-0.633034208	0.86412192	TEC
Gm38190	ENSMUSG00000102302	plum4	-0.446201168	0.93384173	lncRNA
Gm38192	ENSMUSG00000102305	plum4	-0.643558803	0.81320819	TEC
Gm37379	ENSMUSG00000102340	plum4	-0.358527821	0.85333051	TEC

Gm38197	ENSMUSG00000102460	plum4	-0.596093634	0.80605401	TEC
Gm7265	ENSMUSG00000102573	plum4	-0.48509031	0.81892688	TEC
A630081D01Rik	ENSMUSG00000102721	plum4	-0.412186939	0.81541967	TEC
Gm37183	ENSMUSG00000102764	plum4	-0.445489194	0.85351599	TEC
Gm37139	ENSMUSG00000102875	plum4	-0.545675621	0.92740503	TEC
Gm37152	ENSMUSG00000102927	plum4	-0.395115892	0.8984504	TEC
Gm37019	ENSMUSG00000102953	plum4	-0.639364603	0.94398719	TEC
Gm37349	ENSMUSG00000102970	plum4	-0.388540419	0.86874808	TEC
Gm37506	ENSMUSG00000103016	plum4	-0.458077192	0.86673453	TEC
Gm37123	ENSMUSG00000103039	plum4	-0.453507673	0.92947593	TEC
Gm37311	ENSMUSG00000103049	plum4	-0.294955054	0.81176723	TEC
Gm37558	ENSMUSG00000103094	plum4	-0.30113123	0.849025	TEC
Gm37584	ENSMUSG00000103115	plum4	-0.533217721	0.81947275	lncRNA
Gm37391	ENSMUSG00000103122	plum4	-0.558120272	0.8029379	TEC
Gm37982	ENSMUSG00000103139	plum4	-0.515291405	0.85865213	lncRNA
F830112A20Rik	ENSMUSG00000103159	plum4	-0.426070519	0.91287104	TEC
Gm37646	ENSMUSG00000103191	plum4	-0.865662855	0.82265343	TEC
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Gm37733	ENSMUSG00000103227	plum4	-0.462673712	0.93668003	TEC
Gm37159	ENSMUSG00000103233	plum4	-0.722203913	0.94655261	TEC
Gm36527	ENSMUSG00000103238	plum4	-0.468843311	0.9455901	TEC
Gm37052	ENSMUSG00000103343	plum4	-0.538237149	0.85281296	TEC
Gm38157	ENSMUSG00000103364	plum4	-0.78616449	0.83946224	TEC
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Gm38375	ENSMUSG00000103507	plum4	-0.297744483	0.86210194	TEC
Gm38217	ENSMUSG00000103552	plum4	-0.400131189	0.93967517	TEC
2810405F15Rik	ENSMUSG00000103562	plum4	-0.779655797	0.88528825	TEC
Gm38067	ENSMUSG00000103569	plum4	-0.474799278	0.90277092	TEC
Gm37115	ENSMUSG00000103572	plum4	-0.499442261	0.83639232	TEC
Gm38188	ENSMUSG00000103576	plum4	-0.378253021	0.89128365	lncRNA
Gm38366	ENSMUSG00000103621	plum4	-0.834944613	0.88734879	TEC
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2610001A08Rik	ENSMUSG00000103828	plum4	-0.505825467	0.86774736	TEC
Gm37608	ENSMUSG00000103831	plum4	-0.543317722	0.9047472	TEC
Gm38228	ENSMUSG00000103945	plum4	-0.448412229	0.86997152	TEC
Gm38214	ENSMUSG00000103967	plum4	-0.614596592	0.85793955	TEC
Gm37564	ENSMUSG00000104042	plum4	-0.475146348	0.8008309	TEC
Gm37877	ENSMUSG00000104104	plum4	-0.489563779	0.83467469	TEC
Gm37297	ENSMUSG00000104114	plum4	-0.522006355	0.85259712	TEC
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Gm37588	ENSMUSG00000104239	plum4	-0.353948942	0.82835846	TEC
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Gm38043	ENSMUSG00000104293	plum4	-0.589194768	0.86168592	TEC
Gm37127	ENSMUSG00000104358	plum4	-0.786489816	0.90066233	TEC
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Gm42979	ENSMUSG00000104814	plum4	-0.245257687	0.84029093	TEC
Gm43685	ENSMUSG00000104829	plum4	0.476835753	-0.8431956	lncRNA
5830487J09Rik	ENSMUSG00000104830	plum4	-0.756539153	0.81143397	lncRNA
Gm43000	ENSMUSG00000104886	plum4	-0.358748298	0.83969555	lncRNA
Gm43061	ENSMUSG00000104925	plum4	-0.455827034	0.88382566	lncRNA
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Gm42748	ENSMUSG00000105742	plum4	-0.761874861	0.8744188	TEC
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5730507A11Rik	ENSMUSG00000107468	plum4	-0.607952725	0.93450284	TEC
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Gm44168	ENSMUSG00000108049	plum4	-0.56749795	0.89280772	TEC
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RP24-333B11.4	ENSMUSG00000108394	plum4	-0.546342117	0.88930357	TEC
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RP24-399H16.1	ENSMUSG00000108573	plum4	-0.724440774	0.87064376	TEC
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Pcdhb5	NM_053130	plum4	-0.594588603	0.9407671	protein_coding
Fubp1	NM_057172	plum4	-0.328588781	0.83400741	protein_coding
Sft2d1	NM_134114	plum4	-0.791582909	0.85479322	protein_coding
Rrnad1	NM_153562	plum4	-0.444562921	0.81058945	protein_coding
Gimap9	NM_174960	plum4	0.791595498	-0.8138131	protein_coding
Catsperd	NM_175350	plum4	-0.564183347	0.88706832	protein_coding
4933430I17Rik	NM_177607	plum4	-0.282859329	0.83171351	protein_coding
1700067K01Rik	NM_183097	plum4	-0.446060053	0.8845129	protein_coding
BC003965	NM_183150	plum4	-0.528237438	0.86323712	protein_coding
Zfyve9	NM_183300	plum4	-0.396437199	0.89563096	protein_coding
Klhl17	NM_198305	plum4	-0.636523596	0.88715002	protein_coding
Mtg1	NM_199301	plum4	-0.580809938	0.8915601	protein_coding
Snord61	NM_207523	plum4	-0.390103792	0.88239221	protein_coding
3110039I08Rik	NR_002903	plum4	-0.398212838	0.818983278	snoRNA
Snhg7	NR_015483	plum4	-0.41413341	0.842714081	lncRNA

Gm5126	NR_024068	plum4	-0.702373242	0.89478999	lncRNA
Gm17769	NR_026596	plum4	-0.371093324	0.81081814	ncRNA
AI450353	NR_027377	plum4	-0.481509936	0.845176357	ncRNA
Snord111	NR_028364	plum4	-0.435383656	0.840494508	ncRNA
Snora43	NR_028559	plum4	-0.690977627	0.879782595	snoRNA
Mir26b	NR_028572	plum4	-0.650918036	0.901644845	snoRNA
Mir325	NR_029743	plum4	-0.468828787	0.848732938	miRNA
Mir196b	NR_029759	plum4	-0.550495074	0.875632139	miRNA
Mir374b	NR_029912	plum4	-0.707515147	0.884644668	miRNA
Mir680-2	NR_030418	plum4	-0.765262932	0.817439669	miRNA
Mir574	NR_030448	plum4	-0.454798036	0.842296118	miRNA
E330033B04Rik	NR_030577	plum4	-0.724471136	0.859478554	miRNA
Mir423	NR_030690	plum4	-0.380207508	0.888897262	ncRNA
Gm11517	NR_030756	plum4	-0.574190335	0.814163349	miRNA
Gm16523	NR_033523	plum4	-0.586311506	0.806215362	pseudogene
Snora30	NR_033526	plum4	-0.497530164	0.912501552	pseudogene
Olfr1372-ps1	NR_034045	plum4	-0.394857611	0.835335914	snoRNA
Mir467f	NR_034155	plum4	0.810141803	-0.818156463	pseudogene
Mir1191	NR_035420	plum4	-0.523677858	0.887045202	miRNA
Mir3095	NR_035422	plum4	-0.612266656	0.926024725	miRNA
Gm38402	NR_037278	plum4	-0.829009461	0.90187747	miRNA
Gm19466	NR_038065	plum4	-0.431164469	0.832381177	pseudogene
4930478L05Rik	NR_040349	plum4	-0.429138322	0.846326181	lncRNA
4933424G05Rik	NR_040569	plum4	-0.374048592	0.903513568	lncRNA
Snhg15	NR_045372	plum4	-0.38612818	0.867317324	lncRNA
Mir6352	NR_045893	plum4	-0.562839482	0.860253184	lncRNA
Mir6368	NR_105770	plum4	-0.530760861	0.952166764	miRNA
Mir7063	NR_105787	plum4	-0.6642775	0.935800881	miRNA
Mir7079	NR_106030	plum4	-0.757301616	0.882736409	miRNA
Mir7087	NR_106047	plum4	-0.462688761	0.831812694	miRNA
Mir8106	NR_106055	plum4	-0.58582385	0.884965095	miRNA
Gm31763	NR_106185	plum4	-0.471619879	0.814047039	miRNA

NR_110511	plum4	-0.583423536	0.882476177	lncRNA
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