

SYMBOL	Dox Avg	Dox/basal	D/B SD	ACCESSION
Sipi	6819	11.74	5.44	NM_011414.1
Wfdc1	465	4.69	2.27	NM_023395.1
LOC547160	213	4.62	0.37	
Kb36	795	4.27	0.68	NM_212485
1700012L04Rik	211	4.24	0.64	XM_141617.1
2310058A03Rik	128	3.91	1.25	AK009971
Krt73	2465	3.83	1.15	
A030010B05Rik	141	3.64	4.66	NM_030100.2
E130112E08Rik	12601	3.56	1.37	AK053583
Aqp1	2813	3.41	0.51	NM_007472.1
Cck	341	3.41	2.77	NM_031161.1
Dhrs6	113	3.39	1.35	NM_027208.1
Sepw1	2148	3.23	2.87	NM_009156.1
Hist1h2ah	5235	3.22	2.56	NM_175659.1
Hist1h2ak	6224	3.19	2.66	NM_178183.1
Hist1h2ad	4657	3.16	2.33	NM_178188.1
Hist1h2ai	13415	3.10	1.90	NM_178182.1
2610019E17Rik	1134	3.04	1.10	
Hist1h2an	8076	3.03	1.89	NM_178184.1
Dmkn	388	3.03	0.69	
Hist1h2ao	25358	3.00	2.08	NM_178185.1
Hist1h2ag	8541	2.99	1.90	NM_178186.1
Mt3	604	2.95	2.33	NM_013603.1
Hist2h2ac	23674	2.92	1.93	NM_175662
Hist1h2af	15197	2.86	1.81	NM_175661.1
Ninj1	65	2.84	1.95	NM_013610.1
5430432H19Rik	211	2.83	0.35	
4933401B08Rik	269	2.83	0.84	AK077074
LOC329521	80	2.78	1.17	XM_194054.2
2010100O12Rik	900	2.74	1.40	NM_025946.2
Lgals3	868	2.66	0.74	NM_010705.1
Pdia5	97	2.63	1.77	
Atp5k	73	2.60	0.75	AK011342
Calca	543	2.58	0.62	NM_007587.1
Hist2h2ab	299	2.58	1.61	NM_178213.2
LOC382128	303	2.55	1.35	XM_356225.1
1700022J01Rik	114	2.55	0.43	AK006243
Pcp2	335	2.54	0.67	NM_008790.1
1110001J03Rik	3148	2.53	0.48	NM_025363.2
Bola2	4684	2.52	1.25	
2900093K20Rik	366	2.52	0.74	XM_488984
2010204K13Rik	154	2.50	0.72	NM_023450.2
mt-Nd5	1265	2.49	0.73	
2210008N01Rik	1047	2.49	1.21	
A630084D02Rik	3200	2.47	0.74	AK042346
Tnfrsf12a	1415	2.47	1.39	NM_013749.1
Myl4	374	2.46	0.69	NM_010858.3
4930506F14Rik	99	2.46	1.33	
1700084E18Rik	339	2.46	1.02	
0610007J10Rik	2365	2.46	1.66	AK018717
1700016J18Rik	143	2.42	0.89	
1810044D09Rik	114	2.42	0.90	
4921536K21Rik	75	2.41	0.95	NM_026150
LOC228715	2861	2.41	1.10	XM_149199.3
5830454E08Rik	617	2.41	0.63	XM_486270
1810032O08Rik	1050	2.41	0.97	NM_025472.2
2310057K05Rik	450	2.41	1.22	AK009963
Fkbp11	710	2.41	1.39	NM_024169.2
Psmb10	270	2.40	0.89	NM_013640.1
Hist2h2aa2	9897	2.40	1.26	NM_178212.1
Ybx3	1964	2.39	0.21	AK029441
Pvalb	342	2.39	0.70	NM_013645.2
1810058M03Rik	460	2.39	1.08	AK007898
Cklf	299	2.36	0.64	
1810020D17Rik	336	2.35	0.84	NM_183251.2
2610200O14Rik	480	2.35	1.21	AK011854
Metrn	538	2.33	1.57	NM_133719

Mrps28	1546	2.33	1.75	NM_025434.2	
A230051N06Rik	51	2.33	1.76		
A930005H10Rik	386	2.31	1.26		
E430031D18Rik	1773	2.31	0.78	AK088915	
Prima1	784	2.31	0.87	NM_178023.1	
Vgf	3014	2.31	1.36		
2410006H16Rik	1656	2.31	0.83		
1700007K13Rik	261	2.30	0.93	XM_130125.3	
Emp3	730	2.30	0.92	NM_010129.1	
Ndufa3	5560	2.30	0.62	NM_025348	
B2m	643	2.30	0.87	NM_009735.2	
Polr2l	19692	2.29	0.78		
2900083l11Rik	227	2.29	1.83		
Atox1	4478	2.28	0.51	NM_009720.2	
Pdap1	4492	2.28	1.00	XM_132501.2	
scl0003300.1_40	117	2.28	1.29		
Csnk2a1-rs3	582	2.28	1.15	AK031617	
2210411K11Rik	3565	2.27	0.89	XM_355846	
Npm3-ps1	6922	2.27	0.55		
1500034E06Rik	2490	2.26	1.01	XM_487174	
2700023E23Rik	65	2.25	0.95		
Ier3	486	2.25	0.62	NM_133662.1	
LOC381578	119	2.25	1.77	XM_355538.1	
2310010J17Rik	69	2.24	0.87		
Rnu65	168	2.24	0.97		
5133401N09Rik	642	2.24	0.36	NM_198004	
Bloc1s2	1192	2.23	0.92	XM_193940.2	
3100002J23Rik	4169	2.23	0.58	XM_484029	
1700054E11Rik	568	2.23	0.56		
Lgals1	1892	2.22	0.93	NM_008495.1	
2010321I05Rik	1111	2.22	0.72		
3000003G13Rik	1529	2.22	0.81	AK019042	
Npm3	2584	2.21	0.61	NM_008723.1	
C330013J21Rik	269	2.21	0.37	XM_110478.3	
1500012F01Rik	2556	2.21	0.53		
1500011K16Rik	2064	2.21	0.67	NM_175125.2	
AA589584	3031	2.20	1.02	XM_146606.3	
B230327L12Rik	844	2.20	0.75	AK045964	
A230106F01Rik	73	2.20	1.25	AK020716	
A930025J12Rik	3461	2.20	0.16	NM_173734	
1700008B15Rik	100	2.20	0.69	XM_485370	
Al527266	80	2.19	1.87	XM_132830.4	
Ube2c	59	2.18	1.81	NM_026785.1	
Gamt	296	2.18	1.13	NM_010255.1	
2010012C16Rik	274	2.18	1.05	NM_025564.1	
Ndufa2	7322	2.18	0.80	NM_010885.2	
9430081H08Rik	158	2.18	0.81		
LOC333137	58	2.18	1.82	XM_285957.2	
Znhit1	2242	2.17	1.34	XM_357515.1	
Gadd45g	1373	2.17	0.53	NM_011817.1	
LOC381795	852	2.17	1.15	XM_355797.1	
1190002F15Rik	1771	2.17	0.65		
Ndufb7	689	2.17	0.49	NM_025843.1	
Gm561	2568	2.17	0.55		
Serf2	5439	2.16	0.66	NM_011354.1	
Edf1	3004	2.16	0.86	NM_021519.1	
2310024N18Rik	789	2.16	0.65		
A730063M14Rik	601	2.15	0.28		
scl0002069.1_48	95	2.15	0.31		
1190017O12Rik	5499	2.15	0.79	NM_138743.1	
2310016E02Rik	3027	2.14	0.81	NM_024460	
2600009K23Rik	115	2.14	0.91	AK011173	
Dbi	4976	2.14	0.69	NM_007830.2	
Sprr1a	550	2.13	0.91	NM_009264.1	
1700081D05Rik	109	2.13	1.08	AK006963	
LOC233080	248	2.12	0.77	XM_145470.1	
Anapc13	4071	2.12	0.74	NM_181394.1	
2900016B01Rik	711	2.12	0.77		

Tgm2	647	2.12	0.51	AK054108	
D11Bwg0434e	1963	2.12	0.97	NM_173742.1	
2310007A19Rik	2385	2.11	0.58	NM_025506	
Ppp1r14a	367	2.11	0.64	NM_026731.2	
C130032F08Rik	106	2.11	0.35	NM_173429.1	
LOC380871	351	2.11	1.22	XM_354775.1	
Mapbpip-pending	1160	2.11	0.80	AK008395	
111003314Rik	69	2.10	1.42	XM_126635.1	
C920007D24Rik	96	2.10	0.77	AK050589	
LOC381319	269	2.10	0.73	XM_355268.1	
Lsm8	2656	2.10	0.71	NM_133939.1	
2210039O17Rik	122	2.10	0.41	AK019056	
Ly6e	2023	2.10	0.96	NM_008529	
2610029K11Rik	139	2.10	1.44		
6330562C20Rik	195	2.10	0.88	XM_358602.1	
D430001F17Rik	92	2.10	0.80		
5430416N02Rik	1997	2.10	1.06		
LOC383706	222	2.10	1.07	XM_357197.1	
LOC381401	100	2.09	1.25	XM_358566.1	
Psm8	490	2.09	0.47	NM_010724.1	
EG434760	797	2.09	0.66		
1700026B20Rik	1453	2.09	0.62		
1810037G04Rik	1328	2.09	0.83	XM_131044.2	
LOC622404	1616	2.09	0.51		
Dpm3	2200	2.08	0.52	XM_130951.1	
4930565G20Rik	63	2.08	1.34	AK016228	
LOC382819	222	2.08	0.20	XM_356697.1	
Rnu6	14133	2.08	0.50		
1600023A02Rik	19752	2.08	0.59	NM_026323.1	
2700094K13Rik	8510	2.08	0.47		
1110002M09Rik	14020	2.08	0.70	XM_129957.1	
Eif4e2	363	2.07	1.11		
1110020P15Rik	12847	2.07	0.53	NM_197979.1	
Cib1	1825	2.07	0.96	NM_011870.2	
Mrpl12	6021	2.07	0.98	NM_027204.2	
LOC384161	687	2.07	0.52	XM_357456.1	
Qprt	817	2.07	0.62	NM_133686.1	
5730588I11Rik	470	2.07	0.71	AK019977	
2900060N12Rik	449	2.07	0.40	NM_183095.1	
2310005L22Rik	1748	2.07	0.73		
3110001D03Rik	4975	2.06	0.80	NM_025849.2	
Ndufa5	3789	2.06	0.61	NM_026614.1	
Bax	883	2.06	0.81	NM_007527.2	
C230055K21Rik	302	2.06	1.16	AK082487	
1810027O10Rik	3961	2.05	0.72	XM_109683.4	
2810417K24Rik	1177	2.05	0.87	AK013109	
2310045B01Rik	728	2.05	0.63	NM_025538.1	
9530055J05Rik	70	2.05	0.66	AK020610	
Nme1	39499	2.05	0.67	NM_008704.2	
2010107H07Rik	3802	2.05	1.11	XM_354800.1	
LOC224048	8780	2.04	0.67	XM_148246.1	
Tmem126a	2356	2.04	1.08		
Tmsb10	3136	2.04	1.59	NM_025284.2	
Mrpl34	2803	2.04	0.44	NM_053162.1	
D030019N20Rik	42	2.04	1.93	AK050786	
4932441N08Rik	297	2.04	0.66	AK016562	
LOC225897	640	2.04	0.59	XM_148897.3	
3110004H13Rik	535	2.04	0.78	NM_026068.1	
2810410D24Rik	412	2.03	0.51		
Rpl18	8858	2.03	1.11	NM_009077.1	
Ptges2	241	2.03	0.68	NM_133783.1	
1700001C14Rik	154	2.03	0.69	NM_029295.1	
1500001E21Rik	272	2.03	0.54		
LOC381439	1601	2.03	0.78	XM_355397.1	
Timm8b	3382	2.03	0.88	NM_013897.1	
LOC226654	72	2.02	0.98	XM_129558.2	
Ly96	772	2.02	0.60	NM_016923.1	
BC056474	540	2.02	1.08		

Nfic	231	2.02	1.72	NM_008688.2	
5330439M10Rik	420	2.02	0.39	NM_183132.1	
Mrps21	1317	2.02	0.65	NM_078479.2	
Sssca1	1971	2.02	0.52	NM_020491.3	
Defb25	182	2.02	0.40		
Tnnc1	288	2.02	1.14	NM_009393.1	
Haao	92	2.02	1.15	XM_354652	
Snrpg	5692	2.02	0.60	NM_026506	
2210008F06Rik	78	2.02	0.78		
Mrpl52	2432	2.01	0.46	NM_026851.1	
1700023F06Rik	1894	2.01	0.55	XM_126649.3	
Ndufc2	3361	2.01	0.81	NM_024220.1	
1500031H01Rik	41	2.01	2.02	XM_358753	
Mrps24	6160	2.01	0.65	NM_026080.1	
Rpl38	29666	2.01	0.30	NM_023372.1	
Cox8a	15460	2.00	0.72	NM_007750.1	
Etfb	4531	2.00	0.80	NM_026695.2	
Heg1	136	2.00	0.37		
LOC230075	8908	2.00	1.00	XM_131359.5	
Ppih	812	2.00	0.68	NM_028677	
4930572J05Rik	808	2.00	1.00	NM_198607.1	
H2-D1	4006	2.00	0.82	NM_010380.2	
scl0004166.1_8	223	2.00	0.47		
2310003F16Rik	4936	2.00	0.56	NM_026318.1	
Ddc8	112	2.00	0.93	NM_021440.1	
2400010C15Rik	16067	2.00	0.55	AK010307	
1810006K21Rik	4567	1.99	0.25	XM_207074	
2410015N17Rik	3004	1.99	0.63	NM_023203.1	
Asna1	1583	1.99	1.74	NM_019652	
Ndufa6	2283	1.99	0.72	AK080809	
Mrps34	3394	1.99	0.37	NM_023260.1	
6530437J22Rik	72	1.99	0.14		
D130027M04Rik	153	1.99	0.87	XM_359251.1	
D10Ert322e	5321	1.99	0.73	NM_026065.2	
Rpl26	16458	1.99	0.52	NM_009080	
Rpl36a	5621	1.99	0.98	NM_019865.2	
Cox7a1	634	1.99	0.39	NM_009944.2	
Cldn3	2836	1.99	0.89	NM_009902.2	
Cox6b	16617	1.99	0.58	NM_025628.1	
1600014C23Rik	255	1.98	0.62	XM_128667.1	
Csnk2a1-rs4	95	1.98	0.65	AK011501	
1700021F05Rik	2355	1.98	0.55	NM_026411.1	
Dnajc19	2283	1.98	0.66		
2310016M24Rik	6322	1.98	0.91	NM_183256.1	
2010110M21Rik	8522	1.98	0.90	NM_025933.1	
2900010M23Rik	16183	1.98	0.49	NM_026063.1	
Rangnrf	1410	1.98	1.00	NM_021329.1	
1190007F08Rik	1448	1.98	0.65		
Lag3	214	1.98	0.72	NM_008479.1	
C230095J06Rik	184	1.98	0.28	AK049052	
Polr2i	1949	1.98	0.57	XM_133304.4	
B230369L08Rik	396	1.98	0.78	NM_194342	
1500004F05Rik	484	1.98	0.56		
1110021J02Rik	316	1.98	0.30		
2010004M13Rik	1622	1.98	0.66		
2400003B06Rik	5066	1.97	0.44	NM_026211.1	
Mopt	189	1.97	0.96	NM_194269.1	
1700086L19Rik	5802	1.97	0.49	XM_358420.1	
1700113I22Rik	131	1.97	0.99	NM_026865.1	
LOC382061	1922	1.97	0.62	XM_356141.1	
2610036L11Rik	2419	1.97	0.56	XM_488549	
Sncg	91	1.97	0.84	NM_011430.1	
2310030G09Rik	244	1.96	0.95		
Fxyd3	106	1.96	0.47	NM_008557.1	
Uqcr	16975	1.96	0.47	NM_025650.1	
5033425B17Rik	11684	1.96	0.66	NM_027215	
Sec61b	1469	1.96	0.62	NM_024171.1	
Mrpl55	600	1.96	0.56	NM_026035.1	

E430039I23Rik	4702	1.96	0.40	AK089103	
1110020N13Rik	71	1.96	0.82	AK003877	
scl0003187.1_40	1607	1.96	0.67		
LOC380906	270	1.95	1.00	XM_354819.1	
LOC226740	3117	1.95	0.91	XM_129643.4	
Atp5j2	12154	1.95	0.42	NM_020582.1	
LOC381865	6453	1.95	0.58	XM_355879.1	
1700029P11Rik	483	1.95	0.80	NM_025503.1	
C030034I22Rik	119	1.95	0.94	XM_488832	
Reprimo	1164	1.95	0.34	NM_023396.3	
A630040A01Rik	329	1.95	1.10	AK041811	
Rpl30	2221	1.95	0.71	NM_009083.2	
Rpl29	5182	1.95	0.47	NM_009082.2	
Fau	20484	1.95	0.48	NM_007990	
4930563B10Rik	749	1.95	0.81		
LOC380775	38717	1.95	0.71	XM_354686.1	
Ndufa4	9329	1.95	0.75	NM_010886.1	
9530058B02Rik	345	1.95	0.76	NM_026633.1	
Wfdc12	15623	1.95	0.53	NM_138684.2	
1110038B12Rik	987	1.95	0.92	XM_359415.1	
Rplp2	5248	1.94	0.71	AK012402	
Prf1	758	1.94	0.31	NM_011073.2	
Sec61g	7743	1.94	0.75	XM_122171.1	
3830402I07Rik	65	1.94	0.50	AK076179	
6330548G22Rik	258	1.94	0.28	NM_029532.2	
Rps8	29579	1.94	0.92	NM_009098.2	
Ifi30	754	1.94	0.74	NM_023065.2	
LOC381142	80	1.94	0.66	XM_355058.1	
2310009A05Rik	3703	1.93	0.76		
Mrpl33	9598	1.93	0.53	NM_025796.1	
Atp5g1	17144	1.93	0.58	NM_007506.2	
Synpo	1537	1.93	0.04	XM_129030.3	
Al481750	61	1.93	0.34	NM_145473.1	
B130065G19Rik	288	1.93	0.46	AK045321	
D8Erttd738e	1905	1.93	0.30		
2610510L01Rik	262	1.93	0.88	NM_026015.1	
C730025P13Rik	1129	1.93	0.61	NM_177344	
0710001D07Rik	167	1.93	0.54		
0910001L09Rik	5838	1.93	0.60	XM_132434.2	
Hist1h3a	73	1.93	0.73		
2310016C08Rik	1154	1.93	0.85	NM_023516.3	
Ccdc124	321	1.93	1.11		
Sct	4680	1.92	0.76	NM_011328.1	
Mrps16	1438	1.92	0.47	NM_025440.1	
9430008C03Rik	3657	1.92	0.53	XM_149251.3	
1100001I22Rik	8873	1.92	0.58	XM_485311	
Psme2	704	1.92	0.63	NM_011190.2	
Mrpl40	5204	1.92	0.79	NM_010922.1	
0610006K04Rik	1489	1.92	0.73	NM_026675.1	
Ndufs6	10355	1.92	0.68		
Dpcr1	73	1.92	0.82		
LOC383897	1319	1.92	0.80	XM_357315.1	
Snrpd1	6118	1.92	0.62	NM_009226.2	
Ndufs7	4825	1.92	0.92	NM_029272.1	
Grim19	20531	1.92	0.41	NM_023312.1	
Dcxr	291	1.92	0.85	NM_026428.1	
1500032D16Rik	8058	1.92	0.51	NM_030087.1	
A530065H22Rik	2061	1.92	0.94	AK041036	
4931428F04Rik	588	1.92	0.57	AK016481	
Pfn1	2629	1.91	1.36	NM_011072.2	
LOC224137	2149	1.91	0.72	XM_148086.4	
LOC241621	7580	1.91	0.72	XM_141310.3	
Ndufb4	211	1.91	0.73	XM_148372.1	
Hrc	163	1.91	0.64	NM_010473.1	
1110008P14Rik	2838	1.91	0.77	NM_198001.1	
2310006E12Rik	5357	1.91	0.29		
Rpl35	18863	1.91	0.85	NM_025592	
2010316F05Rik	614	1.91	1.31	NM_026465.1	

LOC228787	102	1.91	0.22	XM_141539.2	
Trip10	141	1.91	0.87	NM_134125.1	
B430105G09Rik	438	1.91	0.69		
Mrps18c	4541	1.91	0.59	XM_194230.3	
Ssr4	18543	1.91	0.70	NM_009279	
Siat8e	121	1.91	0.58	NM_013666.1	
Pfdn2	10337	1.91	0.71	NM_011070.2	
LOC219215	214	1.91	0.49	XM_139164.2	
Cox17	11637	1.91	0.50		
LOC381292	9037	1.91	0.71	XM_355233.1	
Al842788	483	1.91	1.13	NM_198616.1	
MGC18837	1302	1.90	0.66	NM_178577.3	
Mrpl17	7369	1.90	0.43	NM_025301.1	
Nme2	7115	1.90	0.74	NM_008705.3	
Rpl11	32260	1.90	0.59	NM_025919	
A730098P15	271	1.90	0.59	NM_177589.2	
Al839550	249	1.90	0.82	NM_198027.2	
Mrpl14	3232	1.90	1.04	NM_026732.2	
LOC383077	215	1.90	1.12	XM_356845.1	
Rpl28	8804	1.90	1.04	NM_009081	
Tomm7	4349	1.90	0.54	NM_025394	
2410075B13Rik	628	1.90	0.11	NM_146059.1	
Ndufa8	6010	1.90	0.81	NM_026703.1	
LOC381448	9318	1.89	0.83	XM_355403.1	
5830415L20Rik	361	1.89	0.53	NM_026583.2	
Mt2	329	1.89	0.83	NM_008630.1	
Rpl12	13129	1.89	0.54	NM_009076	
1500010M16Rik	3713	1.89	1.32	NM_026892.1	
Ormdl3	5891	1.89	0.86	NM_025661.1	
Lsm5	1433	1.89	0.63	NM_025520	
1810017G16Rik	4262	1.89	0.96	NM_021502.1	
Krt10	1262	1.89	1.06		
Surb7	1434	1.89	0.78	NM_025315.1	
Uqcrh	18183	1.89	0.59	NM_025641.2	
Siva	3823	1.89	0.85	NM_013929	
Mrpl46	3211	1.89	0.76	NM_023331.2	
Ddx3y	199	1.88	0.23	NM_012008.1	
Srd5a1	116	1.88	0.72	NM_175283.2	
2310047C17Rik	613	1.88	0.45	NM_175108.2	
Ndufa1	18073	1.88	0.44	NM_019443.1	
D730003H15Rik	261	1.88	1.15		
Fxc1	1251	1.88	0.61	NM_019502.2	
Lynx1	749	1.88	0.11	NM_011838.2	
LOC384214	145	1.88	2.14	XM_357493.1	
LOC225033	7213	1.88	0.50	XM_128785.2	
Lsm10	2400	1.88	0.71	NM_138721.1	
LOC230896	526	1.87	0.37	XM_124427.4	
LOC383775	438	1.87	0.71	XM_357238.1	
LOC383964	7739	1.87	0.45	XM_357352.1	
Rps19	14912	1.87	0.35	NM_023133	
LOC243268	732	1.87	0.69	XM_144526.3	
Cox7c	11550	1.87	0.57	NM_007749.1	
D2Erttd217e	515	1.87	0.52		
Cxx1a	229	1.87	1.70		
LOC382127	13701	1.87	0.77	XM_356224.1	
LOC270037	13340	1.87	0.66	XM_193374.2	
Mrpl23	5315	1.87	0.67	NM_011288.1	
Banf1	1927	1.87	0.65	NM_011793.2	
Snrpd2	13847	1.87	0.58	XM_133225.1	
Tmem85	5139	1.87	0.87		
Nenf	3375	1.87	0.40		
Rps25	16712	1.86	0.31	NM_024266	
LOC383139	407	1.86	0.31	XM_356895.1	
Hist1h2bh	235	1.86	0.74	NM_178197.1	
Deadc1	752	1.86	0.44	NM_025748.2	
Ndufb8	5420	1.86	0.42	NM_026061	
0610012G03Rik	3559	1.86	0.32	NM_025320	
Rps17	29942	1.86	0.38	NM_009092.2	

LOC385822	206	1.86	1.22	XM_358959.1	
Trim47	162	1.86	0.77	NM_172570.2	
Atp5e	400	1.86	0.72	NM_025983.2	
LOC236223	149	1.86	0.45	XM_135563.3	
Hadh2	2754	1.86	0.61	NM_016763.1	
S100a13	759	1.86	0.83	NM_009113.2	
Rps27l	21381	1.85	0.95	NM_026467.1	
U2af1	520	1.85	0.56	NM_024187	
Gmfg	150	1.85	0.28	NM_022024.1	
Gng2	510	1.85	0.66	NM_010315.2	
LOC271041	269	1.85	0.42	XM_194853.2	
Rps15	8671	1.85	0.54	NM_009091.1	
Eif4ebp1	8889	1.85	0.84	NM_007918.2	
Sap30l	7166	1.85	0.49		
LOC381046	9370	1.85	0.72	XM_354963.1	
E130104I10Rik	120	1.85	0.88	AK053516	
Rpl37	17117	1.85	0.43	NM_026069.1	
Rpl23a	16520	1.85	0.67	NM_207523	
Lor	1767	1.85	0.74	NM_008508.1	
LOC381683	1753	1.85	0.40	XM_355658.1	
A630091F01Rik	162	1.85	0.30	AK042432	
Adpn	233	1.85	0.62	NM_054088	
Mrpl27	1925	1.85	0.43	NM_053161.2	
C730015A04Rik	244	1.85	1.01	NM_177788.2	
Dusp2	158	1.85	0.64	NM_010090.2	
Tuba6	3306	1.85	0.29	XM_147357.1	
Spcs1	5456	1.85	1.05		
Cbr1	1499	1.85	0.52	NM_007620.1	
1810063B07Rik	3627	1.85	0.68	XM_484351	
Rasl2-9	110	1.84	0.57	NM_009028.1	
Gm69l	113	1.84	0.85	NM_198627.1	
Rnpc2	195	1.84	0.54	NM_133242.1	
Obfc2b	714	1.84	1.45		
Znhit3	1589	1.84	0.57		
Deb1	8373	1.84	0.41	NM_026794.2	
Mrpl11	1118	1.84	0.73	NM_025553.1	
Plekhj1	414	1.84	1.46	NM_023900.1	
LOC382423	1883	1.84	0.58	XM_356498.1	
Rpgrip1	303	1.84	0.72	AK086397	
Sf3b5	3092	1.84	0.71	NM_175102.2	
Irgm	11144	1.84	0.20		
Adrm1	3268	1.84	0.94	NM_019822.2	
Phf5a	8659	1.84	0.37	NM_026737.1	
1810054G18Rik	95	1.84	0.54	NM_029377.1	
D630036F01Rik	184	1.84	0.66	AK085510	
1110018N20Rik	68	1.84	0.94		
Uxt	1844	1.84	0.62	AK038495	
Mapbpip	961	1.84	0.47	NM_031248.3	
Rpp38	584	1.84	0.74	XM_130010.3	
6430559E15Rik	217	1.84	0.90	XM_131537.4	
Cox4i1	19430	1.83	0.72	NM_009941.1	
Rpl39	26507	1.83	0.24	NM_026055.1	
2810428I15Rik	1491	1.83	0.43	XM_147329.1	
2310005N03Rik	2096	1.83	0.80	NM_025511.1	
2010107E04Rik	16318	1.83	0.58	NM_027360.1	
Rpo1-3	6464	1.83	0.81	NM_009087.1	
2010203O07Rik	161	1.83	0.63	XM_131409.3	
LOC237512	8966	1.83	0.48	XM_137226.3	
AU016977	768	1.83	0.88	NM_175016.1	
LOC381215	1389	1.83	0.87	XM_355149.1	
Crif1	1606	1.83	0.70	NM_018827.1	
BC046418	115	1.83	0.41	XM_140553.3	
RPS18	6735	1.83	0.49	NM_011296.1	
Slc6a13	1500	1.83	0.65	NM_144512.1	
Ifitm1	574	1.83	0.85	NM_026820.2	
Rps26	28020	1.83	0.75	NM_013765	
2010003O02Rik	293	1.83	0.65		
2810432D09Rik	2093	1.83	0.72	NM_027278.1	

Slc11a1	756	1.83	0.24	NM_013612.1	
B930041F14Rik	1993	1.83	0.33	NM_178699	
Lsm3	1792	1.83	0.49	NM_026309.1	
scl0001849.1_227	115	1.83	0.27		
1500032L24Rik	3763	1.83	0.74	XM_193800.2	
1810037J08Rik	2824	1.83	0.77	AK007723	
Ict1	926	1.83	1.04	NM_026729.1	
1110049G11Rik	2248	1.83	0.84	NM_025410.1	
BC003965	4608	1.82	0.45	XM_128528.2	
1810058I14Rik	2503	1.82	0.32	XM_484315	
Rps28	29890	1.82	0.37	NM_016844.1	
Gm1673	3137	1.82	0.80		
B020018G12Rik	1339	1.82	0.71		
Rpl27	26738	1.82	0.49	NM_011289	
Ndufs8	4430	1.82	0.97	NM_144870.2	
B930090D16Rik	121	1.82	0.71	NM_177602.2	
Mrps11	1172	1.82	0.47	NM_026498.1	
LOC381633	2672	1.82	0.65	XM_358631.1	
LOC245676	103	1.82	1.17	XM_142259.2	
Rpl36al	26049	1.82	0.39	NM_025589.1	
2310057G13Rik	259	1.82	0.47	XM_125542.2	
2010110K16Rik	4647	1.82	0.46	NM_026442	
Dad1	3201	1.82	0.51	NM_010015.1	
Ubl5	7986	1.82	0.65	NM_025401.1	
Ssr2	8984	1.82	0.45	NM_025448.2	
2010001F03Rik	393	1.82	0.43	AK008004	
A930016P21Rik	242	1.82	0.56	NM_026546.1	
Phpt1	445	1.81	0.68	XM_203853.2	
Zbtb8os	1805	1.81	0.48		
Prkrip1	581	1.81	0.48	NM_025774.1	
2300009A05Rik	2626	1.81	0.55	XM_204313.2	
Snrpd3	6536	1.81	0.80	NM_026095.3	
Rmrp1	76	1.81	0.36	AK004044	
2510048O06Rik	16010	1.81	0.64	NM_025624.1	
2700061N24Rik	528	1.81	0.81	NM_028281	
Atp5h	13114	1.81	0.65	NM_027862	
Rom1	498	1.81	0.14	NM_009073	
Drpla	718	1.81	0.96	NM_007881.3	
2410011G03Rik	6405	1.81	0.56	NM_025551.1	
Lsm4	6969	1.81	0.51	NM_015816.1	
Mrpl53	7472	1.81	0.89	NM_026744.1	
Rabac1	4312	1.81	0.87	NM_010261.1	
Egfl7	664	1.81	0.74	NM_178444.3	
Atp5g2	895	1.81	0.90	NM_026468.1	
2810026P18Rik	1286	1.81	0.47		
Mrps12	2983	1.81	0.69	NM_011885.2	
Churc1	975	1.81	0.50	XM_126982	
Sod2	4354	1.81	0.66	NM_013671.2	
Wbscr21	1612	1.80	0.51	NM_145215.1	
Psmb3	4650	1.80	0.79	NM_011971	
Lsm7	4459	1.80	0.35	NM_025349.1	
LOC223797	9308	1.80	0.64	XM_128310.1	
Rps11	52456	1.80	0.61	XM_133477.1	
LOC381628	285	1.80	0.33	XM_355587.1	
2900073G15Rik	148	1.80	0.88	NM_026064.1	
2010015P12Rik	151	1.80	0.42		
1110002E23Rik	821	1.80	1.30	NM_025365.2	
Tpm2	731	1.80	0.74	NM_009416.2	
Pdrg1	1711	1.80	0.68	NM_178939.1	
C77604	2912	1.80	0.53	XM_487903	
Cda	93	1.80	0.38	XM_131801.1	
Psmb6	3782	1.80	0.71	NM_008946	
LOC381676	143	1.80	0.68	XM_358640.1	
1110012M11Rik	5883	1.80	0.29	NM_028617.2	
2810411C16Rik	112	1.80	0.62	AK013079	
2310039H08Rik	3067	1.80	0.60	NM_025966.2	
Snx8	1789	1.80	0.43	NM_172277.1	
Drap1	4159	1.80	0.64	NM_024176.1	



1810062G17Rik	158	1.80	0.96	XM_130824.1	
Tbca	23449	1.80	0.66	NM_009321.1	
Ccdc58	7033	1.80	0.46		
Grc10	4917	1.80	0.83	NM_013535.1	
2510038A11Rik	647	1.80	0.77	NM_175109.2	
Pthr1	365	1.80	0.56		
1700127F16Rik	117	1.80	0.54	XM_355365.1	
Snrf	5229	1.80	0.58		
Rpl35a	26776	1.79	0.41	NM_021338.2	
Hist1h3b	69	1.79	0.91	NM_178203	
Ndufc1	4042	1.79	0.60	NM_025523.1	
2810410M20Rik	4451	1.79	0.57	NM_024428.2	
Ndufv2	7256	1.79	0.61	XM_128725.3	
Thyn1	2734	1.79	0.41		
Ndufa11	3223	1.79	0.55	XM_128696.1	
Cox6a1	15478	1.79	0.66	NM_007748.2	
Tceal6	420	1.79	0.90		
0610005H09Rik	227	1.79	0.77	AK002224	
Mcee	1412	1.79	0.19	XM_133510.4	
Ube2s	62	1.79	0.77	NM_133777.1	
E030030K01Rik	47	1.79	1.44	AK087162	
Ssb4	579	1.79	0.12	NM_145134.2	
2010007H12Rik	2072	1.79	0.84	NM_027242.1	
1500011L16Rik	9092	1.79	0.84	NM_026899.1	
2700038C09Rik	2113	1.79	0.78	NM_025598.1	
LOC382004	27803	1.79	0.33	XM_356066.1	
E430002D04Rik	202	1.79	0.59	NM_175533.2	
2410017P09Rik	259	1.79	0.79	XM_484108	
2310016F22Rik	163	1.79	0.55	NM_173743.2	
Polr2j	4534	1.79	0.51	NM_011293.1	
Fkbp2	805	1.79	0.62	NM_008020.2	
Cox5b	15927	1.79	0.49	NM_009942.1	
Inhbe	1300	1.78	0.24	NM_008382.1	
scl0001546.1_9	92	1.78	0.33		
Magmas	1038	1.78	0.31	NM_025571.1	
Kdelr3	495	1.78	0.41	NM_134090	
Bola3	1789	1.78	0.45		
Myl6	8948	1.78	0.46	NM_010860	
1810043H04Rik	751	1.78	0.85		
Ndufa7	4901	1.78	0.43	NM_023202.2	
B230107H12Rik	239	1.78	0.38		
Fxyd5	747	1.78	0.78	NM_008761.2	
Sh3bgrl3	8142	1.78	0.86	NM_080559.1	
0710001C05Rik	126	1.78	0.19	XM_203592.1	
Ndufb6	189	1.78	0.81		
LOC381403	86	1.78	0.51	XM_355362.1	
1110054B14Rik	53	1.78	0.52	AK027976	
5730466P16Rik	4499	1.78	0.52	NM_173453.1	
4633402N23Rik	456	1.78	0.73	XM_125946	
5730427C23Rik	39	1.77	1.09	NM_153777.1	
BC002163	2667	1.77	0.64		
Rpp21	2472	1.77	0.41	NM_026308.1	
Esrra	969	1.77	0.48	NM_007953.1	
LOC231462	74	1.77	0.94	XM_132198.2	
BC050196	2685	1.77	0.66	NM_201374.1	
Rps23	2315	1.77	0.53	NM_024175	
1190002C06Rik	4284	1.77	0.38	NM_028447.1	
2810004N20Rik	1422	1.77	1.05	NM_025576.1	
Tceb2	10051	1.77	0.46	NM_026305.1	
Timm10	3352	1.77	0.53	NM_013896	
Ai413582	388	1.77	0.96	NM_001002895	
0610010E21Rik	1204	1.77	0.60		
Nola1	7219	1.77	0.41	NM_026578.1	
St8sia5	368	1.77	0.16		
1810046J19Rik	14500	1.77	0.75	NM_025559.1	
BC022593	646	1.77	0.55		
Gpx3	1205	1.77	1.11	NM_008161.1	
LOC383162	85	1.77	1.25	XM_356903.1	

Gpx2	5864	1.77	0.45	NM_030677.1	
Ier5l	88	1.77	0.50	NM_030244	
1110004B13Rik	641	1.77	0.75	NM_028336.1	
LOC208768	539	1.77	0.49	XM_149000.1	
Ndufb9	782	1.77	0.55	NM_023172.2	
Hrmt1l2-rs	108	1.77	0.35		
Tap2	385	1.77	0.45	NM_011530.2	
BC029214	187	1.77	0.56	NM_153557.1	
scl0002618.1_75	113	1.76	0.34		
S100a1	2444	1.76	0.50	NM_011309.2	
Cdsn	106	1.76	0.97		
0610039D01Rik	2169	1.76	0.46	NM_026307.2	
LOC194913	12214	1.76	0.48	XM_110926.2	
1190002H23Rik	104	1.76	0.84	NM_025427.1	
Ndufb3	4433	1.76	0.39	NM_025597.1	
Hist1h2bf	339	1.76	0.45	NM_178195.1	
Krtcap2	20907	1.76	0.41	NM_025327.1	
Smn1	5026	1.76	0.25	NM_011420.1	
1810037l17Rik	17022	1.76	0.62	NM_024461.1	
Serf1	844	1.76	0.62	NM_011353.1	
Grcc2f	2657	1.76	0.60	NM_013536.1	
Vkorc1	3269	1.76	0.76	NM_178600.2	
scl0001118.1_0	1826	1.76	0.21		
Atpif1	35168	1.76	0.26	NM_007512.2	
Chc1	435	1.76	0.45	NM_133878.1	
Dnalc1	220	1.76	0.76		
Mrpl18	782	1.76	0.73	NM_026310.1	
1810035L17Rik	3459	1.76	0.25	XM_354684.1	
Dncl2a	2495	1.76	0.57	NM_025947	
Polr2g	7301	1.76	0.26	NM_026329.1	
Rpl36	4549	1.76	0.45	NM_018730	
U2af14	162	1.76	0.45		
2610029G23Rik	947	1.75	0.60	NM_026312.2	
9130211l03Rik	369	1.75	0.78	NM_030060	
Timm13a	1038	1.75	0.30	NM_013899.1	
LOC269355	3639	1.75	0.63	XM_193272.2	
Aptid1	769	1.75	0.60		
Atp6v1f	11380	1.75	0.68	NM_025381	
1810008O21Rik	1179	1.75	0.75	XM_485868	
2410015M20Rik	1791	1.75	0.57	NM_153152.2	
Clpp	2742	1.75	0.64	NM_017393	
2700094L05Rik	749	1.75	0.64	NM_028312.1	
1110038F14Rik	468	1.75	0.50	NM_054099.2	
Pramel4	13581	1.75	0.17	NM_178248.2	
Gus-s	55	1.75	0.57	AK002832	
AI505034	194	1.75	1.26	NM_207206.1	
1810023B24Rik	1666	1.75	0.88	XM_134222.1	
2810025M15Rik	3174	1.75	0.46	NM_027274.2	
Cnih4	2559	1.75	0.62		
Zfp691	281	1.75	0.31		
D530030D03Rik	1316	1.75	0.37	BC065395	
LOC383826	453	1.74	0.79	XM_357280.1	
Hspc171	3005	1.74	0.81	NM_025486.1	
Rpl27a	12289	1.74	0.31	NM_011975.2	
Mrps33	5195	1.74	0.29	NM_010270.1	
Mpra	343	1.74	0.54	NM_027995.1	
D430004H20Rik	82	1.74	1.14	AK084869	
2310004N24Rik	513	1.74	1.04	XM_181318.4	
Sod3	209	1.74	1.13	NM_011435.2	
2810404O06Rik	181	1.74	0.09	AK012987	
A130062D16Rik	252	1.74	1.20	AK037910	
Tmbim1	281	1.74	0.73		
Rps14	35267	1.74	0.42	NM_020600.2	
1810042K04Rik	1535	1.74	0.47	NM_025604.1	
1110019J04Rik	3225	1.74	0.41	XM_149430.3	
Hint2	2195	1.74	0.61	XM_143732.2	
Hint1	16520	1.74	0.59	NM_008248.1	
1110001P04Rik	1365	1.74	0.53		

LOC384525	611	1.74	0.88	XM_357690.1	
Gstcd	71	1.74	0.44		
Ndufb2	290	1.74	0.39	NM_026612.1	
Dnajc15	1942	1.74	0.60		
LOC224088	217	1.74	0.28	XM_148692.2	
Rps13	10398	1.73	0.52	NM_026533	
Rhox4d	3167	1.73	0.41		
Myo18a	175	1.73	0.70	NM_011586.1	
Ccs	2298	1.73	0.69	NM_016892.2	
LOC654426	7026	1.73	0.35		
0710008A13Rik	32	1.73	1.96	AK003028	
LOC237361	2843	1.73	0.30	XM_137118.3	
Timm9	361	1.73	0.60	NM_013895.2	
scl0002315.1_12	1877	1.73	0.67		
scl0020042.1_302	8763	1.73	0.39		
Atp5j	10530	1.73	0.60	NM_016755.2	
2610002D18Rik	522	1.73	0.59	XM_131720.2	
2610204M08Rik	42	1.73	1.06	NM_198411.1	
Atp5l	10941	1.73	0.47	NM_013795	
LOC383411	91	1.73	0.75	XM_357038.1	
Tceal3	598	1.73	0.47		
Erp29	9165	1.73	0.26	NM_026129.2	
2310045N01Rik	637	1.73	0.33	XM_486121	
Pcbd2	1698	1.73	0.89		
Bcl7c	473	1.73	0.77	AK049064	
Lrp1	71	1.73	1.04	NM_008512.1	
Rpl37a	30634	1.73	0.19	NM_009084.2	
2810021G02Rik	527	1.73	0.20		
Trappc1	2885	1.72	0.66		
Rplp1	47332	1.72	0.57	NM_018853.1	
Chchd4	1608	1.72	0.60	NM_133928.1	
Pdcd2	2717	1.72	0.80	NM_008799.1	
D130058D22Rik	157	1.72	0.37	AK051575	
E130216C05Rik	58	1.72	1.42	AK087459	
Park7	17314	1.72	0.63	NM_020569.1	
A830081L15Rik	80	1.72	0.31	AK044025	
Leng9	337	1.72	0.36	NM_175529.2	
2010320M18Rik	816	1.72	0.87		
Nudt14	241	1.72	0.47	NM_025399.1	
Tmem160	2315	1.72	0.68		
Commd6	1900	1.72	0.48		
1810049H13Rik	651	1.72	0.60	NM_025560.1	
Psmc3ip	1657	1.72	0.66	NM_008949.2	
LOC245350	819	1.72	0.04	XM_141626.2	
1110019N10Rik	702	1.72	0.71	NM_026753.1	
Hspb8	4144	1.72	0.16	NM_030704.1	
Alpk3	63	1.72	0.99		
Nhej1	101	1.71	0.42		
Atp5d	4185	1.71	0.51	NM_025313.1	
1110006O24Rik	331	1.71	0.45	NM_021417.1	
Supt4h2	2007	1.71	0.59	NM_011509	
Rps10	8532	1.71	0.65	NM_025963	
Znrd1	1488	1.71	0.63	NM_023162.3	
Taf10	3618	1.71	0.79	NM_020024.3	
Rps21	37581	1.71	0.20	NM_025587.1	
LOC380828	8324	1.71	0.32	XM_354736.1	
1810008A14Rik	232	1.71	0.20	NM_025457.1	
LOC330190	105	1.71	0.34	XM_287498.1	
E130309N05Rik	277	1.71	0.54	AK053811	
Rpl8	19328	1.71	0.56	NM_012053.1	
2410022L05Rik	2292	1.71	0.71	NM_025556.1	
Calml4	973	1.71	0.55	NM_138304.1	
LOC193798	16060	1.71	0.60	XM_109346.4	
Dusp19	596	1.71	0.35	NM_024438.2	
Rpl31	18399	1.71	0.44	NM_053257.1	
4933414G08	60	1.71	0.83	NM_177867.2	
Opn3	71	1.71	1.48	NM_010098.1	
LOC218473	2203	1.71	0.50	XM_122605.2	

Nedd8	7186	1.71	0.58	NM_008683	
Pfdn4	2765	1.71	0.74	XM_355370	
Med10	1084	1.71	0.51		
2900074C18Rik	160	1.71	1.08	XM_355870.1	
Aprt	11735	1.71	0.81	NM_009698.1	
LOC385506	6053	1.71	0.62	XM_358256.1	
Tubb2b	1702	1.70	0.38		
2610009E16Rik	1116	1.70	1.05	XM_355811	
Scgf	424	1.70	0.53	NM_009131.1	
1500041I23Rik	567	1.70	0.23	XM_356257.1	
Sms	2490	1.70	0.28	NM_009214	
2610029K21Rik	374	1.70	0.55	NM_025663.2	
Rabgap1l	43	1.70	1.31	NM_013862.3	
Rpl13	21112	1.70	0.60	NM_016738	
Pop5	7456	1.70	0.56	NM_026398.2	
LOC381583	1464	1.70	0.49	XM_355542.1	
1810060D16Rik	7452	1.70	0.41	XM_128110.3	
LOC383793	9991	1.70	0.64	XM_357256.1	
BC030476	1510	1.70	0.54	NM_173421.1	
6430590I03Rik	1412	1.70	0.74	XM_489535	
Ptpre	836	1.70	0.78	NM_011212.2	
LOC383308	2389	1.70	0.22	XM_356977.1	
Ase1	1362	1.70	0.87	NM_145822.1	
LOC382911	98	1.70	0.94	XM_356748.1	
LOC385403	129	1.70	0.54	XM_358227.1	
Atp5o	15395	1.70	0.43	NM_138597	
Hist1h2bj	272	1.70	0.35	NM_178198.1	
2310007D07Rik	125	1.70	0.39	AK009198	
2300002D11Rik	286	1.70	0.29	XM_149530	
Chchd1	12622	1.70	0.49	NM_025366.1	
LOC272681	35090	1.70	0.33	XM_195399.2	
1110065P19Rik	576	1.70	0.69		
1810014L12Rik	2780	1.69	0.31	NM_133706.1	
Vamp8	2257	1.69	0.37	NM_016794.2	
Mfge8	2828	1.69	0.12	NM_008594	
1810063B05Rik	1552	1.69	0.86	NM_174987.2	
C730033N22Rik	79	1.69	0.50	AK050284	
1700113I01Rik	44	1.69	1.25	AK007197	
2410003K15Rik	881	1.69	0.58	XM_132537.3	
Tbx10	69	1.69	0.58	XM_355121.1	
MGC68323	2511	1.69	0.44	NM_199472.1	
Gm71	182	1.69	0.36		
Ift20	2721	1.69	0.66		
Wbscr16	378	1.69	0.23	NM_033572.1	
2600001B17Rik	349	1.69	0.77	NM_172947	
2810441H08Rik	140	1.69	0.38	AK013285	
2900041M22Rik	78	1.69	0.39	XM_484098	
C1qbp	1206	1.69	0.73	NM_007573.1	
LOC245651	286	1.69	0.62	XM_142195.3	
LOC381866	98	1.69	0.48	XM_358664.1	
Ard1	3113	1.69	0.60	NM_019870.1	
Rps12	41096	1.69	0.51	NM_011295.2	
1700129I04Rik	152	1.69	0.22		
Ndufb10	1388	1.69	0.21	XM_128594.4	
LOC333842	17470	1.69	0.45	XM_289937.2	
Hmga1	724	1.69	1.06	NM_016660.1	
Rpl10a	24949	1.68	0.71	NM_011287.1	
LOC269251	2789	1.68	0.45	XM_193262.3	
1500003D12Rik	5340	1.68	0.52	NM_025895	
LOC380851	45	1.68	0.99	XM_358444.1	
scl0002791.1_134	1623	1.68	0.41		
2700088M22Rik	1564	1.68	0.56	NM_026025	
E330009F12Rik	82	1.68	0.76	AK087703	
1110002D22Rik	3048	1.68	0.38	AK003285	
Cox7b	292	1.68	0.36	NM_025379	
Psm5	6919	1.68	0.45	NM_011967.1	
Pmf1	162	1.68	1.35	NM_025928.1	
Pigf	3104	1.68	0.44	NM_008838.1	

A830007L07Rik	1632	1.68	0.30	XM_133865.4	
2610019P18Rik	124	1.68	0.58	NM_178612.2	
C130052O15Rik	196	1.68	0.86	AK048362	
LOC381649	5825	1.68	0.51	XM_355612.1	
Cdc34	1134	1.68	0.73	NM_177613.2	
LOC383010	3803	1.68	0.67	XM_356798.1	
Ndufb5	1306	1.68	0.58	NM_025316.2	
Polr2h	1885	1.68	0.40	NM_145632	
Sln	1038	1.68	0.30	NM_025540.1	
Rabl4	1155	1.68	0.79	NM_025931.2	
Rps27	32370	1.68	0.27	NM_027015.1	
Myohd1	336	1.68	0.33	NM_025414	
LOC240682	194	1.68	0.10	XM_136407.3	
0610011F06Rik	649	1.68	0.61	XM_128511	
Sdf2l1	4886	1.68	0.69	XM_147210.1	
Atp6v1g1	378	1.68	0.87	NM_024173.1	
C78541	1400	1.68	0.44	NM_133800.2	
2510005D08Rik	835	1.67	0.53	NM_026526.1	
LOC380707	1170	1.67	0.42	XM_354622.1	
Mrpl43	2731	1.67	0.77	NM_053164.2	
Zcrb1	6436	1.67	0.40		
LOC382885	17591	1.67	0.33	XM_356731.1	
LOC236831	6287	1.67	0.29	XM_141785.2	
Olfr1471	44	1.67	0.92	NM_207132.1	
A830026B15Rik	55	1.67	0.72	AK043729	
Niban	119	1.67	0.12	NM_022018.1	
Crcp	2896	1.67	0.33	NM_007761.1	
Mrps26	3407	1.67	0.52	NM_207207.1	
Prpf19	3017	1.67	0.21		
C430026P20Rik	143	1.67	1.08	AK049549	
D2Bwg1335e	493	1.67	0.28	XM_484981	
Rab26	360	1.67	0.16	XM_283428	
Mrpl54	2269	1.67	0.54	NM_025317.1	
Qscn6	564	1.67	0.13	NM_023268	
Tmem14c	3177	1.67	0.57	NM_025387.1	
5730405M13Rik	190	1.67	0.63	NM_025671.1	
Sdhc	1827	1.67	0.56	NM_025321.1	
1110007C05Rik	4855	1.67	1.02	NM_025368.1	
Bcl2l14	103	1.67	0.64	NM_025778	
Tesc	87	1.67	0.99	NM_021344.2	
Tmem60	2804	1.67	0.86		
Nola2	3955	1.67	0.61	NM_026631.1	
Ifitm2	5958	1.67	0.71	NM_030694.1	
Tmem4	1677	1.67	0.37	NM_019953.1	
7420404O03Rik	594	1.67	0.54	AK078662	
1700012B18Rik	329	1.67	0.39	NM_027950.1	
LOC383712	14635	1.67	0.51	XM_357202.1	
Mrpl20	3449	1.67	0.33	AK015199	
Glox1	226	1.66	0.16		
Mrpl30	6931	1.66	0.81	NM_027098.1	
Bex4	7216	1.66	0.73		
2510006D16Rik	4979	1.66	0.52	NM_029748.1	
Dnajc4	338	1.66	0.57	NM_020566.1	
Pgls	703	1.66	0.31	AK036059	
Nudt2	596	1.66	0.48	NM_025539.1	
2610018I05Rik	145	1.66	0.20	NM_183279.1	
Psme2b	272	1.66	0.66	NM_011191.1	
H1fx	907	1.66	1.40	NM_198622.1	
Spint2	230	1.66	0.38	NM_011464.1	
BC003324	270	1.66	0.49	NM_030259	
Dnajb10	1514	1.66	0.10	NM_178055.2	
0610007H07Rik	10776	1.66	0.45	NM_026617.1	
LOC329076	9674	1.66	0.65	XM_282724.2	
LOC382843	3484	1.66	0.56	XM_356704.1	
Bnip1	865	1.66	0.30	NM_172149	
A330079A07Rik	52	1.66	0.91	AK039657	
1500031N17Rik	1150	1.66	0.25	AK005329	
Unc84b	797	1.66	0.45		

Eppb9	3742	1.66	0.56	NM_013717.1	
Sgrp23	239	1.66	0.60		
Mrpl2	2660	1.66	0.23	NM_025302.2	
Pdlim1	1471	1.65	0.30	NM_016861.1	
Ung	736	1.65	0.60	BC011039	
scl0002975.1_346	127	1.65	1.52		
Hist1h4a	85	1.65	0.68	NM_178192	
C1qtnf4	1162	1.65	0.62	NM_026161.1	
Rab17	52	1.65	0.07	NM_008998.2	
Scand1	2302	1.65	0.70	NM_020255.1	
Gnmt	492	1.65	0.44	NM_010321.1	
Psmb2	10057	1.65	0.43	NM_011970.2	
Cope	3373	1.65	0.34	NM_021538.1	
Magoh	1561	1.65	0.63	NM_010760.1	
Arpc3	3481	1.65	1.18	NM_019824.2	
A430005L14Rik	2115	1.65	0.55	NM_175287.2	
Cd63	4904	1.65	0.53	NM_007653.1	
Dci	683	1.65	0.73	NM_010023.2	
Guk1	6536	1.65	0.37	NM_008193	
Cox5a	7538	1.65	0.70	NM_007747	
Dph4	289	1.65	0.72		
2700046G09Rik	227	1.65	0.77	XM_484798	
Oaz1	8006	1.65	0.47	NM_008753	
Cpne2	53	1.65	0.81	NM_153507.2	
Lsm2	871	1.65	0.73	NM_030597.2	
Rps2	41881	1.65	0.55	NM_008503.2	
4932416C15Rik	71	1.65	0.49	AK030022	
Cenpb	8454	1.65	0.41	NM_007682.2	
Arl6ip4	2045	1.65	0.49	NM_144509.1	
Ssbp1	307	1.65	0.38	NM_028358	
2410012H22Rik	441	1.65	0.49	XM_126343.1	
Rpl15	32328	1.65	0.60	NM_025586.1	
Them2	1652	1.64	0.58	NM_025790.1	
Atp5g3	55195	1.64	0.49	NM_175015.1	
Blvrb	2032	1.64	0.87	NM_144923	
Arl3	984	1.64	0.34	NM_019718.2	
9130206I24Rik	360	1.64	0.68	XM_489057	
Bloc1s1	491	1.64	0.29	NM_015740.2	
Pfdn5	5879	1.64	0.52	NM_020031.1	
Chchd7	1927	1.64	0.65	NM_181391.1	
Rnu3ip2	1568	1.64	0.51	NM_145620.3	
1810006O10Rik	204	1.64	0.54	AK007355	
2810428C21Rik	749	1.64	0.43	NM_153503.1	
2610029J22Rik	205	1.64	0.53	AK011615	
0610007P22Rik	1069	1.64	0.56	NM_026676.1	
Gm1631	64	1.64	0.42	NM_201366	
1190002L16Rik	3740	1.64	0.71	NM_133976.1	
Arf6	2974	1.64	0.85	NM_007481.1	
LOC215678	2022	1.64	0.46	XM_125110.4	
Ptpru	230	1.64	0.50	NM_011214	
Rps16	19537	1.64	0.39	NM_013647.1	
BC003266	840	1.64	0.58	NM_030252.1	
Bcap37	6138	1.64	0.68	NM_007531.1	
2810405K02Rik	636	1.64	0.57	NM_025582.2	
Fahd1	954	1.64	0.50	NM_023480.1	
Aarsd1	784	1.64	0.74		
2810025O06Rik	6941	1.64	0.42	AK012814	
Rpia	573	1.63	0.75	NM_009075.1	
B230322F03Rik	477	1.63	0.51	AK045908	
Penk1	68	1.63	0.25	XM_131313.2	
Erh	8329	1.63	0.52	NM_007951.1	
Cyc1	4691	1.63	0.68	NM_025567.1	
LOC223672	658	1.63	0.20	XM_128064.4	
Slc25a26	482	1.63	0.31	NM_026255.2	
Scnm1	483	1.63	0.40	XM_485277	
Tyms-ps	1967	1.63	0.42		
Pop7	982	1.63	0.59	NM_028753.1	
Ranbp1	10557	1.63	0.63	NM_011239.1	

Pla2g2f	52	1.63	1.38	NM_012045.2	
Fgfbp3	102	1.63	0.33		
Timm17a	6129	1.63	0.44	NM_011590.1	
2410008K03Rik	146	1.63	0.41	XM_125970.2	
4930539I12Rik	12313	1.63	0.35	NM_029203	
D630044F24Rik	402	1.63	0.65	NM_201372.1	
LOC385467	3456	1.63	0.68	XM_358245.1	
2810430M08Rik	2834	1.63	0.57	NM_026041.1	
Cdh15	281	1.63	0.24	NM_007662.1	
6530401N04Rik	74	1.63	0.35	NM_029545	
Nt5c	3812	1.63	0.44	NM_015807.1	
5430405H02Rik	329	1.63	0.70		
Nfyb	1946	1.63	0.44	NM_010914.1	
Ccdc56	3557	1.63	0.36		
Rps24	5196	1.63	0.36	NM_011297.2	
2700029M09Rik	3916	1.63	0.66	XM_134183.4	
2610028L19Rik	1828	1.63	0.38	NM_027002.1	
LOC225058	1921	1.63	0.24	XM_140116.1	
1110030J09Rik	350	1.63	0.83	NM_025397.2	
Eif3s4	10554	1.63	0.60	NM_016876.2	
1110032O16Rik	121	1.63	0.49	XM_133813.4	
Hspe1	3976	1.63	0.45	NM_008303.2	
Icam4	75	1.62	0.34	NM_023892.1	
Map1lc3a	191	1.62	1.07	NM_025735.1	
Uqcrb	1214	1.62	0.23	NM_026219.1	
Rps7	20195	1.62	0.45	NM_011300	
9430023L20Rik	1172	1.62	0.36	NM_026566.1	
Jtb	4455	1.62	0.66	NM_206924.1	
A930027G11Rik	379	1.62	0.81		
1810026C22Rik	262	1.62	0.79	AK007605	
4833427B12Rik	679	1.62	0.56	XM_195728	
Mrpl22	1961	1.62	0.56	NM_175001.1	
Tcte3	295	1.62	0.80	NM_011560	
2410005K17Rik	714	1.62	0.58	NM_024462.1	
Insl6	136	1.62	0.71	NM_013754.1	
LOC380631	10869	1.62	0.50	XM_354536.1	
Ppp1r11	3511	1.62	0.69	NM_029632.1	
Alad	15006	1.62	0.41	NM_008525.3	
Psmb7	6491	1.62	0.44	NM_011187.1	
6530401D06Rik	279	1.62	0.40	AK018306	
LOC380682	14349	1.62	0.57	XM_354595.1	
Nans	1466	1.62	0.33	NM_053179.2	
Rpa3	4202	1.62	0.47	NM_026632.1	
Ckb	443	1.62	0.24	NM_021273	
D630004G21Rik	108	1.62	0.19	AK085278	
Tmem141	283	1.62	0.45		
Rpl32	32398	1.62	0.33	NM_172086	
1810009K13Rik	501	1.62	0.74	NM_025462.1	
Tmie	2193	1.62	0.23	NM_146260.1	
2900070E19Rik	4331	1.62	0.86	NM_028419.1	
5330431N19Rik	877	1.62	0.61	NM_172639.1	
Stmn3	2221	1.62	0.44	NM_009133.2	
LOC385505	4433	1.62	0.25	XM_358255.1	
Parp3	98	1.62	0.31		
Gkap1	1080	1.62	0.43	NM_019832.2	
Avpi1	447	1.62	0.53	NM_027106.1	
Mrps18b	1703	1.62	0.63	NM_025878.1	
LOC384836	105	1.62	0.49	XM_357889.1	
Rpl7	30134	1.62	0.33	NM_011291	
9330132O05Rik	118	1.62	0.35	AK020369	
Ptpla	1887	1.62	0.53	NM_013935.1	
D030068L24Rik	434	1.62	0.22	XM_111244	
Nudt8	614	1.62	0.58	NM_025529.2	
LOC384710	1847	1.62	0.62	XM_357808.1	
Manbal	2070	1.62	0.53	XM_130628.2	
Mvp	409	1.61	0.23	NM_080638.1	
Hoxc10	245	1.61	0.61	NM_010462.2	
Thoc6	482	1.61	0.43		

Mrps17	11559	1.61	0.61	NM_025450.1	
LOC381808	34934	1.61	0.56	XM_355809.1	
LOC384727	1400	1.61	0.59	XM_357823.1	
Snora65	421	1.61	0.45		
Atp6v0b	6868	1.61	0.74	NM_033617.1	
Pstpip1	60	1.61	1.06	NM_011193.1	
Has1	124	1.61	0.46	AK053726	
Aes	2396	1.61	1.31	NM_010347	
Psemb1	5563	1.61	0.49	NM_011185	
2310031A18Rik	203	1.61	0.33	XM_134539.1	
5730436H21Rik	1448	1.61	0.30	NM_134139.1	
BC063749	425	1.61	0.13		
Pin4	404	1.61	0.50	XM_135990	
LOC383576	1173	1.61	0.69	XM_357131.1	
B3gnt6	759	1.61	0.08	NM_175383.1	
Rras	429	1.61	0.57	NM_009101.1	
2610524H06Rik	1271	1.61	0.43	NM_181075.2	
LOC268569	16502	1.61	0.55	XM_195821.2	
Tfpt	352	1.61	0.90	NM_023524.1	
Sepx1	961	1.61	0.49	NM_013759.1	
Chchd8	424	1.61	0.36		
G630039H03Rik	53	1.61	0.64	NM_172824.1	
LOC218060	61	1.61	0.70	XM_138460.2	
Abhd14a	189	1.60	0.60		
Za20d2	94	1.60	0.15	NM_009551.2	
Mea1	824	1.60	0.50	NM_010787.1	
LOC380747	36966	1.60	0.39	XM_354660.1	
2810032E02Rik	325	1.60	0.06	XM_484396	
Axud1	768	1.60	0.09	NM_153287.2	
BC003479	1552	1.60	0.42	NM_145428.1	
9130230N09Rik	269	1.60	0.09		
Rps29	64084	1.60	0.16	NM_009093.1	
LOC381709	185	1.60	0.20	XM_358646.1	
Krtcap3	6787	1.60	0.50	NM_027221.1	
A430106H13Rik	186	1.60	0.24	AK020775	
4732474O15Rik	411	1.60	0.26	XM_138397.3	
LOC272465	194	1.60	0.62	XM_198094.2	
Fetub	130	1.60	0.60	NM_021564.1	
LOC268695	15417	1.60	0.49	XM_193183.2	
D6Wsu176e	2012	1.60	0.09	NM_138587.3	
Pbp	717	1.60	0.82	NM_018858.1	
Nxph4	301	1.60	1.29	NM_183297.1	
Dpm2	1123	1.60	0.18	NM_010073.2	
LOC236932	4712	1.60	0.33	XM_125431.2	
2310009B15Rik	1081	1.60	0.88	XM_489101	
1810013D10Rik	1590	1.60	0.55	XM_485608	
2810012D02Rik	265	1.60	0.63		
H2-BI	584	1.60	0.24	NM_008199.1	
1700009P17Rik	484	1.60	0.40	NM_029301.1	
9628654_5	228	1.60	0.49		
2610015J01Rik	636	1.60	0.48	AK011403	
3010033P07Rik	15661	1.60	0.50	XM_133123.4	
Mcam	147	1.60	0.09	NM_023061.1	
Shfdg1	13447	1.60	0.24	NM_009169.1	
2900009C16Rik	1629	1.60	0.15		
6230415M23Rik	394	1.60	0.67		
Nos3as	4252	1.60	0.20		
Rhox4g	181	1.59	0.47		
Rpl9	34960	1.59	0.32	NM_011292.1	
Sdsl	194	1.59	0.77	NM_133902.2	
Spire2	562	1.59	0.75	NM_172287.2	
3110009E18Rik	598	1.59	0.67	NM_028439.1	
Rps3	12443	1.59	0.45	NM_012052.1	
1600025D17Rik	244	1.59	0.45	NM_028065.2	
Rab27a	3136	1.59	0.31	NM_023635.2	
Slc24a6	422	1.59	0.13	NM_133221.1	
Bri3	2839	1.59	0.45	AK049027	
Atpi	138	1.59	1.33	AK011886	



3110050K21Rik	60	1.59	0.79	XM_127780.4	
Mrpl38	4614	1.59	0.10	NM_024177.2	
Pdzd11	1240	1.59	0.37		
2700029E10Rik	430	1.59	0.41	NM_180588.1	
LOC245828	1771	1.59	0.77	XM_126252.3	
Txn1	336	1.59	0.33	NM_011660.2	
Lsm12	376	1.59	0.87		
2410018G20Rik	1829	1.59	0.72	XM_148413.1	
Slc27a3	508	1.59	0.40	XM_130954.3	
Mrpl28	6192	1.59	0.52	NM_024227.2	
Acy1	331	1.59	0.39	NM_025371.1	
Gemin7	648	1.59	0.53	NM_027189.1	
Psm4	11562	1.59	0.43	NM_008951.1	
C430014K11Rik	893	1.59	0.72		
1110021H02Rik	3203	1.59	0.63	NM_025388.1	
Gpr43	3113	1.59	0.52	NM_146187.2	
Hist1h4j	92	1.59	0.61	NM_178210.1	
Relb	145	1.59	0.53	NM_009046.2	
1110008B24Rik	3935	1.59	0.31	XM_177016.2	
Itgb4bp	6709	1.59	0.58	AK018313	
Ppap2c	1667	1.59	0.40	NM_015817.1	
Mtx1	3403	1.59	0.44	NM_013604.1	
AI850995	608	1.59	0.10	XM_488675	
2700024H10Rik	302	1.59	0.55		
Rpl13a	1426	1.59	0.49	NM_009438.3	
Ppil3	1182	1.59	0.17	NM_027374.1	
BC024814	891	1.59	0.57	NM_146247	
Plk3	864	1.59	0.42	NM_013807.1	
C030014I23Rik	56	1.59	0.50		
Timm50	5378	1.58	0.25	NM_025616.1	
Ndg2	44359	1.58	0.18	NM_175329.3	
2810417J12Rik	2424	1.58	0.61	NM_029798.1	
0610030H11Rik	109	1.58	0.64	NM_026712.1	
Tmub1	427	1.58	0.86		
4921511I23Rik	423	1.58	0.48	AK029517	
LOC381947	1643	1.58	0.55	XM_355970.1	
Acn9	1033	1.58	0.35	XM_355744.1	
AI838661	1748	1.58	0.84	NM_133884.1	
2610018L09Rik	1426	1.58	0.35	NM_172254.2	
LOC380692	16104	1.58	0.55	XM_354604.1	
Ruvbl2	2770	1.58	0.66	NM_011304.1	
Gtpbp8	419	1.58	0.28		
Dctn1	1063	1.58	0.52	NM_007835	
LOC386195	53	1.58	0.41	XM_359113.1	
Psma2	14381	1.58	0.21	NM_008944.1	
0610012D17Rik	4346	1.58	0.30	NM_025329.1	
Ccdc59	1279	1.58	0.47		
LOC384338	59	1.58	0.30	XM_357585.1	
Cotl1	2212	1.58	0.84	XM_150115.1	
Bcl3	279	1.58	0.89	NM_033601.1	
LOC215098	227	1.58	0.54	XM_145665.1	
Sfpi1	75	1.58	0.43	NM_011355.1	
Psma7	10330	1.58	0.56	NM_011969.1	
Cmtm7	690	1.58	0.68		
2010005A06Rik	605	1.58	0.99	NM_029357.2	
D830031G23Rik	54	1.58	0.27	AK085933	
LOC381629	3377	1.58	0.47	XM_355589.1	
6030458P06Rik	265	1.58	0.66	AK031605	
Slc25a28	3373	1.58	0.22	NM_145156.1	
Cmtm8	904	1.58	0.74		
Nxt1	1115	1.58	0.44	NM_019761.4	
Gja9	110	1.58	0.32	NM_010290.2	
1810022K09Rik	5450	1.58	0.20	XM_485210	
Itgb5	1177	1.58	0.27	NM_010580	
E030040J22Rik	75	1.58	0.74	AK087262	
Ecsit	1182	1.58	0.11		
3110021A11Rik	116	1.57	0.22		
C79267	556	1.57	0.42	NM_183148.1	

Bcl6	662	1.57	0.23	NM_009744.2	
Rnf110	87	1.57	0.75	NM_009545.1	
LOC219106	1130	1.57	0.41	XM_139078.2	
6720463E02Rik	172	1.57	0.45	NM_026556.2	
2810022L20Rik	94	1.57	1.00	XM_148420.1	
Vps29	5369	1.57	0.51	NM_019780.1	
1110018K11Rik	2275	1.57	0.63	AK003784	
LOC380959	40	1.57	1.98	XM_354869.1	
Mettl1	491	1.57	0.67	NM_010792.1	
Trmt12	43	1.57	0.59		
9130017A15Rik	2224	1.57	0.45	NM_177242.3	
6330514E22Rik	87	1.57	0.57	AK018212	
Dmrta2	1989	1.57	0.40	NM_172296.1	
5830427H10Rik	12109	1.57	0.40	NM_026365.1	
LOC333830	148	1.57	0.18	XM_290030.2	
Slc25a29	188	1.57	0.10	NM_181328.2	
Tmed3	3024	1.57	0.45		
Yif1a	992	1.57	0.52		
Ap2s1	4709	1.57	0.63		
Comm5	613	1.57	0.75	NM_025536	
2410001H17Rik	1511	1.57	0.83	NM_025889	
Tatdn2	230	1.57	0.64		
rp9	1843	1.57	0.47		
Mrps18a	2309	1.57	0.68	NM_026768.1	
Galt	464	1.57	0.28	NM_016658.1	
scl0001163.1_8	173	1.57	0.06		
3110053G12Rik	550	1.57	0.36	AK014211	
Trappc4	3250	1.57	0.54	NM_021789.2	
Pdcd5	646	1.57	0.52	NM_019746.2	
5830409B07Rik	220	1.57	0.54		
Gdap11l	951	1.57	0.31	NM_144891.1	
Col18a1	1225	1.57	0.19	NM_009929.2	
Ppargc1b	348	1.57	1.32	NM_133249	
Rab3a	461	1.57	0.58	NM_009001.2	
Gpx4	2708	1.57	0.55	NM_008162	
Gt(ROSA)26Sor	91	1.57	0.61		
1500001L15Rik	4537	1.57	0.45	XM_127738.3	
Exosc7	6522	1.57	0.42	XM_284543.2	
1700011J10Rik	246	1.57	0.34	NM_183265	
1810073E21Rik	455	1.57	0.54	NM_025960.2	
2010205O06Rik	221	1.57	0.62		
0610038D11Rik	1053	1.57	0.50	NM_026306	
LOC381398	5976	1.56	0.45	XM_355356.1	
5730543M03Rik	772	1.56	0.26	AK017820	
Padi3	142	1.56	0.19	NM_011060.1	
Dgcr6	526	1.56	0.46	NM_010047.1	
Rpl18a	10171	1.56	0.40	XM_194410.2	
Uck2	4049	1.56	0.42		
Slc22a1	522	1.56	0.17	NM_009202.2	
1700072I22Rik	146	1.56	0.23		
0610010K14Rik	797	1.56	0.63	NM_026757.1	
2310033P09Rik	405	1.56	0.52	NM_024210.1	
Sirt6	187	1.56	0.34	NM_181586.2	
Brp16	1434	1.56	0.55	NM_021555.1	
Elov1	1087	1.56	0.36	NM_019422.1	
Rps6	7848	1.56	0.58	AK013825	
Immp2l	852	1.56	0.57	NM_053122.2	
Ssna1	4849	1.56	0.46		
Vgll4	163	1.56	0.59	NM_177683.2	
Stx1a	66	1.56	0.30	NM_016801.2	
BC025575	521	1.56	0.35	NM_199200.1	
0610027O18Rik	1650	1.56	0.73	NM_025339.2	
LOC381330	8267	1.56	0.32	XM_355288.1	
Psmb5	603	1.56	0.21	NM_011186.1	
Rpl24	25691	1.56	0.46	NM_024218.2	
2310047N01Rik	102	1.56	1.04	XM_131719.3	
Cryba2	7564	1.56	0.36	NM_021541.1	
0610033H09Rik	5965	1.56	0.42	NM_025338.1	

Zdhhc12	2273	1.56	0.47	NM_025428.1	
LOC234640	794	1.56	0.31	XM_125126.3	
Apoa1bp	1662	1.56	0.54	NM_144897	
BC048546	1107	1.56	0.39		
Ugalt2	4286	1.56	0.55	NM_016752.1	
Ppil1	1056	1.56	0.50	NM_026845.1	
Resp18	14266	1.56	0.25	NM_009049.1	
Eif5a	5533	1.56	0.58	AY129326	
AI428936	531	1.56	0.71	NM_153577.1	
Zfp511	1864	1.56	1.00	XM_489210	
Srp14	5960	1.56	0.39	NM_009273.2	
1110011K10Rik	1406	1.55	0.31	NM_170777.3	
Tspan4	255	1.55	0.45		
C130020C07Rik	464	1.55	0.16	AK047886	
Chchd6	2209	1.55	0.44		
Thrsp	230	1.55	0.55	AK050300	
0610006I08Rik	1773	1.55	0.65	NM_025791.1	
2310047B19Rik	605	1.55	0.24	XM_150151.2	
3010027N08Rik	1598	1.55	0.49	AK019398	
LOC381799	20253	1.55	0.49	XM_355801.1	
6030448M23Rik	88	1.55	0.45	NM_175339.2	
Tbc1d13	360	1.55	1.07	NM_146252.1	
Sod1	7058	1.55	0.51	AK080908	
Ina	1424	1.55	0.65	NM_146100.2	
Gadd45b	215	1.55	0.38	NM_008655.1	
BC040823	2298	1.55	0.20	NM_177727	
4933402J24Rik	325	1.55	0.15	XM_131279	
Mt1	49912	1.55	0.35	NM_013602.2	
Mrpl13	1919	1.55	0.24	NM_026759.2	
Rad23a	257	1.55	0.32	AK009733	
Adam15	219	1.55	0.45	NM_009614.1	
E2f4	212	1.55	0.74		
4833420N02Rik	470	1.55	0.39	NM_183263.1	
Nme3	261	1.55	0.69	NM_019730.1	
9630046P06Rik	108	1.55	0.35	AK036231	
1700041B20Rik	1327	1.55	0.16	XM_485065	
Anp32a	1403	1.55	0.27	NM_009672.2	
6330578E17Rik	48	1.55	1.01	NM_198006.1	
Cstb	9749	1.55	0.69	NM_007793.2	
Anxa5	2853	1.55	0.26	NM_009673.1	
LOC380625	4071	1.55	0.11	XM_358378.1	
Rabggtb	1876	1.55	0.41	AF231926	
2810002N01Rik	1314	1.55	0.87	NM_026511.1	
Cebpg	1805	1.55	0.64	AK050634	
2610305J24Rik	3409	1.55	0.73	AK011989	
Tubg1	3552	1.55	0.13	NM_134024.1	
Psmb4	15219	1.55	0.62	NM_008945.1	
Supt4h	488	1.55	0.47	NM_009296	
425O18-1	235	1.55	0.40	NM_019421	
Hist1h4k	63	1.55	0.09	NM_178211.1	
Pem	25591	1.54	0.49	NM_008818.1	
Stra13	182	1.54	0.46	NM_016665.1	
Rpl7a	7568	1.54	0.48	NM_013721	
Tspo	1907	1.54	0.50		
Nle1	744	1.54	0.22		
1110012D08Rik	309	1.54	0.41	NM_178066.2	
Sdf2	2388	1.54	0.43	NM_009143.2	
Vdrip	371	1.54	0.14	NM_026119.2	
1190028F09	1220	1.54	0.23		
Nrtn	114	1.54	0.35	NM_008738.1	
Hdh3	698	1.54	0.43	NM_024257.1	
1110017O22Rik	339	1.54	0.36	NM_183250.1	
Ubl4	2322	1.54	0.11	NM_145405.1	
Zfp592	512	1.54	0.49	NM_178707.2	
Exosc1	3385	1.54	0.47	NM_025644.3	
LOC241593	124	1.54	0.18	XM_141408.2	
Rps3a	2365	1.54	0.40	NM_016959.2	
5031436O03Rik	2738	1.54	0.21		

BC008150	846	1.54	0.84	XM_484507	
LOC385843	62	1.54	0.67	XM_358967.1	
LOC380983	5992	1.54	0.31	XM_354894.1	
Arhgdig	963	1.54	0.78	NM_008113.2	
D12Ert647e	3243	1.54	0.53	NM_026790.1	
Impa2	333	1.54	0.39	NM_053261	
LOC382251	108	1.54	0.62	XM_356365.1	
Rwdd1	4479	1.54	0.48	NM_025614	
BC028440	298	1.54	0.34	NM_172148.1	
1300010A20Rik	168	1.54	0.43	NM_146173.1	
5730417B17Rik	97	1.54	0.71	AK017569	
Pold2	1370	1.54	0.32	NM_008894.1	
2210021J22Rik	469	1.54	0.47	NM_197998	
Lgals4	261	1.54	0.13	NM_010706.1	
Hras1	1734	1.54	0.60	NM_008284.1	
AI256711	92	1.54	0.22	NM_023059.1	
LOC226574	29271	1.54	0.72	XM_123556.2	
Tmem161a	389	1.54	0.53		
Rps5	18804	1.54	0.63	NM_009095	
BC051227	1445	1.54	0.43	NM_183170.1	
Dctn3	5159	1.53	0.53	NM_016890.2	
LOC232890	12564	1.53	0.19	XM_145374.2	
6820428D13	673	1.53	0.42	NM_177752.2	
1700027N10Rik	1793	1.53	0.68	NM_029338	
E330040E10Rik	65	1.53	0.53	AK054549	
Spna1	53	1.53	0.50	NM_011465.2	
Chd8	1797	1.53	0.18	NM_201637.1	
Noc4	863	1.53	0.42	NM_010926.1	
Ndufs4	3092	1.53	0.36	NM_010887.1	
Igf2r	2601	1.53	0.19	NM_010515.1	
LOC224813	554	1.53	0.11	XM_128651.3	
Snta1	186	1.53	0.68	NM_009228.1	
Bex2	13939	1.53	0.53	NM_009749	
Cyb5d2	43	1.53	1.12		
BC038925	298	1.53	0.51	NM_177878.1	
Fbl	9810	1.53	0.43	NM_007991.2	
5430413I02Rik	84	1.53	0.25	NM_019976.1	
6720456B07Rik	8277	1.53	0.48	NM_133937.1	
Diablo	3553	1.53	0.51	NM_023232.2	
Pus1	878	1.53	0.48	NM_019700.2	
2510012J08Rik	996	1.53	0.17	XM_137157.5	
Snrpa	2440	1.53	0.50	NM_015782.2	
Pla2g4b	82	1.53	0.34	XM_358347.1	
1500001H12Rik	786	1.53	0.46	NM_021316.2	
B130019G13Rik	2317	1.53	0.56		
mt-Co2	9983	1.53	0.35		
Etohd2	459	1.53	0.37		
Rohn	271	1.53	0.46	NM_009708.1	
2810453I06Rik	402	1.53	0.32	NM_026050	
6030457N17Rik	3471	1.53	0.47	XM_133378.3	
Comm7	1403	1.53	0.37	NM_133850.1	
Spc24	238	1.53	0.28		
AI314976	114	1.53	0.55	NM_207219	
Eef1d	1458	1.53	0.37	NM_023240.1	
Pttg1	118	1.53	0.15	NM_013917.1	
Nip7	642	1.53	0.41		
Bdh	1344	1.53	0.07	NM_175177	
Lst1	127	1.53	0.31	XM_359281.1	
2610014I16Rik	640	1.53	0.45		
1810009M01Rik	4437	1.53	0.33	NM_023056.2	
Hist1h2bl	124	1.53	0.45	NM_178199	
3830430K15Rik	484	1.53	0.38	AK028375	
Xrcc3	112	1.53	0.57	NM_028875.1	
Nola3	3063	1.53	0.27	NM_025403.1	
2010315L10Rik	2181	1.53	0.41	NM_029768.2	
Grasp	308	1.53	0.20	AK051199	
Pa2g4	3317	1.53	0.42	NM_011119	
Hint3	1225	1.52	0.65	NM_025798.2	

1700037C18Rik	98	1.52	0.45	XM_484521	
4833408A19Rik	181	1.52	0.33	NM_175203.2	
2410018G23Rik	4795	1.52	0.10	NM_027194.1	
Ddit3	2665	1.52	0.40	NM_007837.2	
Pou4f1	123	1.52	0.53	XM_135366.3	
2610002J02Rik	2721	1.52	0.64	XM_131827.3	
Krt1-14	289	1.52	0.30	NM_016958.1	
Ebpl	890	1.52	0.37	NM_026598.1	
Znhit2	1461	1.52	0.21	NM_013859.1	
AW551984	349	1.52	0.30	NM_178737.3	
scl0001375.1_63	88	1.52	0.16		
Ctsr	70	1.52	0.23	NM_020284.1	
1110035H17Rik	207	1.52	0.35		
Gstm4	144	1.52	0.40	NM_026764.2	
S100a11	3237	1.52	0.39	NM_016740	
Mid1ip1	1119	1.52	1.04	NM_026524.2	
2810001G20Rik	199	1.52	0.73		
Ttyh2	175	1.52	0.10	NM_053273.1	
3300001G02Rik	1659	1.52	0.49	NM_030093	
Ifi35	251	1.52	0.50	NM_027320.1	
9030612E09Rik	207	1.52	0.18	NM_172419.1	
Fcf1	2743	1.52	0.33		
2610205E22Rik	1075	1.52	0.46	NM_170592.1	
LOC230253	10686	1.52	0.57	XM_124269.2	
Gpr113	2922	1.52	0.27		
1110025I09Rik	354	1.52	0.52	NM_026795.1	
D10Jhu81e	1220	1.52	0.80	NM_138601.1	
LOC383883	507	1.52	0.28	XM_357307.1	
2210407N10Rik	853	1.52	0.45	AK008848	
scl0001489.1_43	49	1.52	0.76		
3110030K17Rik	447	1.52	0.10	XM_131770.3	
Prdx1	8963	1.52	0.49	NM_011034.2	
Fth1	36996	1.52	0.19	NM_010239.1	
Mcts1	7067	1.52	0.64	NM_026902.1	
Sfrs9	5266	1.52	0.45	NM_025573.2	
BC047219	341	1.52	0.35	NM_201355.2	
1110058L19Rik	3725	1.52	0.68	NM_026503.1	
Mnd1	836	1.52	0.41		
1700007P14Rik	217	1.52	0.80		
Tusc4	2576	1.52	0.15	NM_018879.1	
A030007L17Rik	127	1.52	0.46	NM_026637.2	
LOC381999	25733	1.51	0.52	XM_356062.1	
Gmpr2	425	1.51	0.08	NM_177992.1	
Hax1	5044	1.51	0.40		
Acot7	3090	1.51	0.58		
9430098E02Rik	102	1.51	0.40	XM_134253.3	
Pcdh12	42	1.51	0.77	NM_017378	
Eif3s2	13992	1.51	0.40	AK089340	
Ppan	1936	1.51	0.14	NM_145610	
2510015F01Rik	4962	1.51	0.20	XM_354801.1	
Def6	352	1.51	0.30	NM_027185.1	
Fis1	2353	1.51	0.32		
Slc25a19	736	1.51	0.33	NM_026071.1	
Wfdc6a	74	1.51	0.30		
4930522L14Rik	343	1.51	0.17		
C130038G02Rik	856	1.51	0.24	NM_029920.3	
Lzf	618	1.51	0.90	NM_133185	
Trim41	1440	1.51	0.51	NM_145377	
2310033F14Rik	1261	1.51	0.10		
Sncb	3202	1.51	0.73	NM_033610.2	
LOC98434	1599	1.51	0.26		
Cst3	8524	1.51	0.37	NM_009976.2	
LOC242916	128	1.51	0.34	XM_144254.3	
Ubt1	115	1.51	0.27	NM_145500.2	
3110040N11Rik	626	1.51	0.53	NM_026077.1	
2610019I03Rik	414	1.51	0.32	NM_025639.2	
6720458F09Rik	3662	1.51	0.49	NM_177374.2	
Parl	11814	1.51	0.29		

1200009C21Rik	4451	1.51	0.39	NM_028659.1	
2310008M10Rik	7107	1.51	0.50	NM_025509.2	
D730006F06Rik	60	1.51	0.45	AK052794	
C730009D12	820	1.51	0.71		
Cdc42ep1	51	1.51	0.40	NM_027219.1	
Qrich2	55	1.51	0.75		
1110032A13Rik	1974	1.51	0.14	NM_199197.1	
Prrg2	851	1.51	0.54	NM_022999.1	
Serpine2	5865	1.51	0.46	NM_009255.2	
Dncl1	1412	1.51	0.50	NM_019682	
Ykt6	3324	1.51	0.35		
Ftl1	10434	1.51	0.33	NM_010240.1	
Pla2g5	87	1.51	0.54	NM_011110.2	
2210021A15Rik	2996	1.51	0.23	NM_020000.1	
D17Wsu104e	992	1.51	0.66	NM_080837.1	
C330034C07Rik	96	1.51	0.11	AK082825	
LOC381365	3155	1.51	0.05	XM_355330.1	
2310003L22Rik	660	1.51	0.29	NM_027093.1	
Klf16	591	1.51	0.24	NM_078477	
Vrk3	658	1.51	0.45		
B230317C12Rik	692	1.51	0.42	NM_019833.1	
EG384814	199	1.51	0.08		
2310044H10Rik	5100	1.51	0.12	NM_197991	
2700062C07Rik	614	1.51	0.47	NM_026529	
Thrap6	1774	1.51	0.92	NM_027212.1	
Rps20	28777	1.51	0.29	NM_026147	
LOC193533	685	1.50	0.54	XM_110067.2	
Ap4s1	1084	1.50	0.50	NM_021710.1	
0610007L01Rik	1502	1.50	0.42	AK002297	
2310040A07Rik	933	1.50	0.45		
1700023M09Rik	3421	1.50	0.40	NM_025498.2	
Dusp15	61	1.50	0.41	NM_145744.1	
Gt4-1	61	1.50	0.26	NM_181860.1	
Tmpit	1216	1.50	0.67	NM_172541.1	
3200002M19Rik	147	1.50	0.15	NM_027532	
Otub1	879	1.50	0.61	NM_134150.1	
mtDNA_ND2	28996	1.50	0.10		
Ndufab1	73	1.50	0.21	NM_028177.2	
Tex264	1440	1.50	0.08	NM_011573.1	
D10Erd214e	996	1.50	0.54	NM_134007.2	
1700013H19Rik	283	1.50	0.62	NM_027954.1	
Psm8	214	1.50	0.35	NM_026545.1	
Ada	290	1.50	0.22	NM_007398.2	
AU067744	7992	1.50	0.39	NM_172529.1	
Ndufa10	6192	1.50	0.39	NM_024197	
1700021C14Rik	595	1.50	0.49	XM_355444.1	
LOC381114	15609	1.50	0.34	XM_355032.1	
Hal	135	1.50	0.29	NM_010401.3	
1200003N10Rik	44	1.50	0.80	AK004585	
2310061C15Rik	89	1.50	0.74	NM_026844.2	
Ankrd2	96	1.50	0.40	NM_020033.1	
Ring1	465	1.50	0.31	NM_009066	
2310079P12Rik	465	1.50	0.91	XM_203577.2	
Ptpn11	3034	1.50	0.27	NM_011202.2	
Crhr1	97	1.50	0.22	NM_007762.1	
Fbxo46	137	1.50	0.08	NM_175530.2	
1110049N09Rik	259	1.50	0.28	AK004213	
Cox6c	7374	1.50	0.22	NM_053071.1	
Msx1	818	1.50	0.72	AK081534	
Jrk	44	1.50	1.29	NM_008415.3	
Gm129	826	1.50	0.48		
3110024A21Rik	338	1.50	0.45	NM_024215.1	
LOC381230	3122	1.50	0.49	XM_355167.1	
Zfp637	1808	1.50	0.71	NM_177684.2	
Rrbp1	838	1.50	0.10	NM_133626.1	
Atp6v0e	7271	1.50	0.51	NM_025272.1	
Clic1	657	1.50	0.17	NM_033444.1	
1700123O20Rik	641	1.50	0.57	NM_021437.1	

P42pop	139	1.50	0.06	NM_145579.1	
Grpel1	1924	1.50	0.37	NM_024478.2	
AI851076	773	1.50	0.41	XM_110955.2	
TxnI4	5133	1.50	0.53	NM_025299.1	
LOC230602	66	1.50	0.37	XM_149473.1	
Mrps7	2663	1.50	0.20	NM_025305.1	
Fbxo2	120	1.50	0.24	NM_176848.1	
Nsfl1c	2160	1.50	0.45	NM_198326.1	
LOC234987	2429	1.50	0.35	XM_134668.2	
Ccdc95	340	1.50	1.06		
Sepm	250	1.49	0.32	NM_053267.1	
Tm4sf9	41	1.49	0.68	NM_019571.1	
2900055D14Rik	138	1.49	1.17	NM_028411.1	
Ptp4a3	551	1.49	0.40	NM_008975.2	
Nme6	400	1.49	0.33	NM_018757.1	
Akr7a5	2447	1.49	0.49	NM_025337.2	
Snrb	2878	1.49	0.55	NM_009225.1	
Gdf15	2962	1.49	0.41	NM_011819.1	
Gap43	4110	1.49	0.33	NM_008083	
Ppp1r14b	3435	1.49	0.27	NM_008889.1	
2310043N10Rik	534	1.49	0.56		
Zfp297	418	1.49	0.22	NM_020625.2	
Apip	476	1.49	0.52		
Lamb3	289	1.49	0.45	NM_008484.1	
Hrmt1l2	4525	1.49	0.48	NM_019830.1	
2810437L13Rik	2607	1.49	0.45	NM_197980.1	
5730437N04Rik	2250	1.49	0.43	NM_027457.2	
scl0003177.1_2	65	1.49	0.80		
1110008J03Rik	192	1.49	0.34	NM_029096.1	
AI839920	508	1.49	0.37	NM_182996.2	
Gtpbp3	546	1.49	0.50	NM_032544.2	
4933429E06Rik	109	1.49	0.34	AK016980	
Acp1	266	1.49	0.46	AK019186	
3110021E02Rik	71	1.49	0.53		
Mdh2	3992	1.49	0.36	NM_008617.2	
LOC382972	393	1.49	0.94	XM_356781.1	
Ppie	540	1.49	0.49	NM_019489.2	
4732471N16Rik	52	1.49	0.94	AK028934	
Gng12	716	1.49	0.49	AK005561	
LOC382245	1662	1.49	0.27	XM_356361.1	
Nme4	362	1.49	0.69	NM_019731.1	
1810029G24Rik	1429	1.49	0.06	NM_025468.1	
Commd1	2365	1.49	0.52	NM_144514.1	
BC025872	90	1.49	0.56	NM_178593.2	
2900010D03Rik	3608	1.49	0.51	NM_201226.1	
Tceal8	2357	1.49	0.45	NM_025703.2	
4933427G23	849	1.49	0.73	XM_284069	
H60	426	1.49	0.04	XM_136972.3	
LOC654842	536	1.49	0.50		
Pycr2	4330	1.49	0.59	NM_133705.1	
Itgp	44	1.49	0.67	AK043151	
Nqo2	187	1.49	0.17	NM_020282.2	
2610205H19Rik	272	1.49	0.46	NM_027430.1	
LOC241737	1802	1.49	0.24	XM_141567.3	
Mad2l2	460	1.49	0.63	NM_027985.1	
Rpp30	507	1.49	0.47	NM_019428.2	
Srp19	137	1.49	0.47	NM_025527.1	
1700028N11Rik	1037	1.49	0.44	NM_029341.1	
Slc16a3	70	1.49	1.18		
9530051E16Rik	78	1.49	0.09	AK079246	
Ssfa1	270	1.49	0.38	XM_196564.2	
4833420K19Rik	2905	1.49	0.24	NM_029775.1	
1810059G22Rik	540	1.49	0.61	NM_026325.1	
Rasa3	593	1.49	0.34	NM_009025.1	
1810008A18Rik	1491	1.49	0.07	NM_133998.1	
Scamp3	259	1.49	0.43	NM_011886.1	
Htati2	2202	1.49	0.41	AK015389	
Arpc1b	1302	1.49	0.41	NM_023142.1	

D2Bwg0891e	1589	1.49	0.41	NM_026797.1	
Gnb1l	547	1.49	0.36	NM_023120.1	
2310036O22Rik	3558	1.49	0.52	NM_026760.1	
Pdgfa	150	1.49	0.18	NM_008808	
2210013O21Rik	7245	1.49	0.44	XM_489371	
LOC231368	22179	1.48	0.40	XM_144386.2	
9330140K16Rik	405	1.48	0.20	NM_183019.1	
Al118078	650	1.48	0.38	NM_172923.1	
Rnaset2	5768	1.48	0.43	NM_026611.1	
MGC58818	276	1.48	0.74	NM_198637.1	
M6prbp1	119	1.48	0.25	NM_025836.1	
BC003251	1978	1.48	0.17	NM_024480.2	
Hnrpa0	1811	1.48	0.43	XM_354754	
Taf12	786	1.48	0.07	NM_025579.1	
Mrpl48	1095	1.48	0.22	NM_198831.1	
Psemb9	88	1.48	0.50	NM_013585.1	
Slc39a7	796	1.48	0.37	NM_008202.1	
Slc25a25	893	1.48	0.25	NM_146118.2	
Tomm40	381	1.48	0.42	NM_016871.1	
LOC381418	61	1.48	0.39	XM_358571.1	
Snrp1c	435	1.48	0.29	NM_011432.1	
Cd151	2987	1.48	0.48	NM_009842	
LOC382590	48	1.48	0.34	XM_356583.1	
4933431K14Rik	164	1.48	0.73		
Klhdc4	1303	1.48	0.15	NM_145605.1	
Arl2	315	1.48	0.75	NM_019722.3	
Hirip5	285	1.48	0.53	NM_020045.1	
Alg5	1359	1.48	0.30	NM_025442.1	
LOC385699	13095	1.48	0.26	XM_358915.1	
Gadd45a	2276	1.48	0.43	NM_007836.1	
LOC245884	73	1.48	0.46	XM_149824.3	
Usmg5	111	1.48	0.58	NM_023211.1	
Cklfsf4	515	1.48	0.09	NM_153582.3	
Pex16	704	1.48	0.60	NM_145122.1	
Rpl41	68872	1.48	0.29	NM_018860.2	
8430432A02Rik	210	1.48	0.17	XM_484854	
Bpnt1	551	1.48	0.13	NM_011794.2	
6330404A07Rik	120	1.48	0.37	NM_027537.1	
1700022N22Rik	47	1.48	1.13		
LOC381561	23830	1.48	0.35	XM_355526.1	
Nit2	819	1.48	0.29	NM_023175.1	
Psen2	68	1.48	0.64	NM_011183.1	
Nap114	7120	1.48	0.19	NM_008672	
Hamp2	11205	1.48	0.56		
G0s2	488	1.48	0.32	NM_008059.1	
Camkk1	78	1.48	0.71	NM_018883.1	
E230016B04Rik	115	1.48	0.29	AK054068	
2210415M20Rik	2365	1.48	0.24	NM_027338.1	
BC019806	518	1.48	0.24	NM_145460	
Selenbp1	2003	1.48	0.38	NM_009150.2	
LOC381150	807	1.48	0.46	XM_358516.1	
LOC229599	315	1.48	0.59	XM_131070.3	
Polr2e	965	1.48	0.37	XM_282920.1	
Wbscr22	1019	1.48	0.54	NM_025375.1	
1700025K23Rik	495	1.48	0.39	NM_183254.1	
Odc1	3791	1.48	0.26	NM_013614.1	
C030023A16Rik	66	1.48	0.27	AK047745	
C86302	2555	1.48	0.53	NM_172746.2	
Ngfrap1	23436	1.48	0.64	NM_009750.1	
Hmg20b	642	1.48	0.67	NM_010440.1	
Mospd3	234	1.48	0.85	NM_030037.1	
Mrps6	3404	1.48	0.52	NM_080456.1	
LOC268288	64	1.48	0.64	XM_193552.2	
Pbxip1	480	1.48	0.30	NM_146131	
LOC383802	228	1.48	0.51	XM_357262.1	
Al846148	413	1.47	0.77		
D19Ert721e	6824	1.47	0.52	NM_146093.1	
Frda	465	1.47	0.58	NM_008044.1	



Uqrcr1	1139	1.47	0.32	NM_025407.2	
Elf4e13	975	1.47	0.30	NM_023314.2	
Bad	2019	1.47	0.62	NM_007522.1	
LOC224147	7873	1.47	0.23	XM_147971.2	
Slc7a6os	145	1.47	0.47		
2810441K11Rik	808	1.47	0.14	NM_026798.1	
Cenpa	12222	1.47	0.32	NM_007681.1	
Nfkbil1	55	1.47	0.25	NM_010909.1	
Ccl27	560	1.47	0.35	NM_011336.1	
Coq5	3924	1.47	0.24		
Gabarapl1	1830	1.47	0.35	NM_020590.3	
2810452K22Rik	1208	1.47	0.23	NM_026048	
Vti1b	1738	1.47	0.36	NM_016800.2	
2810454F19Rik	92	1.47	1.01		
2310035K24Rik	1103	1.47	0.11	NM_027129.2	
Gcap27	19419	1.47	0.69		
Rpl21	1027	1.47	0.38	NM_019647.3	
2610203C22Rik	1009	1.47	0.17		
Aip	3960	1.47	0.73	NM_016666	
A930005G04Rik	2342	1.47	0.35		
2310073E15Rik	900	1.47	0.42		
scl0002007.1_97	87	1.47	0.45		
Mrps25	271	1.47	0.24	NM_025578.2	
Rpl10	45609	1.47	0.45	NM_052835	
4930455C21Rik	888	1.47	0.19	XM_148429.1	
2900064A13Rik	510	1.47	0.27	NM_133749.1	
Mgst3	1562	1.47	0.31	NM_025569.1	
LOC382096	470	1.47	0.65	XM_356177.1	
0610039N19Rik	892	1.47	0.27	NM_026159.2	
Sstr5	407	1.47	0.36		
Pycl	763	1.47	0.28	NM_025412	
BC021917	59	1.47	1.21	NM_145496.1	
1700023O11Rik	636	1.47	0.31	NM_029339.2	
Sbds	5268	1.47	0.33	NM_023248.1	
D130066L18Rik	42	1.47	0.56	AK051703	
Psap	14065	1.47	0.22	NM_011179	
Zfand2b	826	1.47	0.40		
6430402L23Rik	2091	1.47	0.29	AK078178	
1110068E08Rik	687	1.47	0.12	AK004405	
Pex11a	266	1.47	0.34	NM_011068	
EG638695	2283	1.47	0.58		
5133400G04Rik	326	1.47	0.29	NM_027733	
Srf	1137	1.47	0.36	NM_020493.1	
D10Ert438e	2194	1.47	0.11	NM_030250.1	
E430003J01Rik	138	1.47	0.47	AK088080	
39706	2065	1.47	0.47		
Slc27a1	104	1.47	0.79	NM_011977.2	
Hamp	5155	1.47	0.30	NM_032541.1	
2310079N02Rik	658	1.47	0.40	AK086714	
Vps25	2274	1.47	0.45		
Rps27a	21301	1.47	0.28	NM_024277	
Sf3b4	1534	1.47	1.15	NM_153053.3	
2310008H09Rik	931	1.47	0.30	NM_023197.1	
C130089M10Rik	69	1.47	0.27	AK048628	
Pigm	74	1.47	0.53	AK017103	
BC055368	277	1.47	0.32	NM_183017	
B330005C17Rik	63	1.47	0.53	AK080862	
C330006D17Rik	104	1.47	0.52		
Znhit4	479	1.47	0.73		
Chrac1	757	1.47	0.49	NM_053068.2	
Tnfsf5ip1	1850	1.47	0.38	NM_134138.1	
Nudt1	167	1.47	0.20	NM_008637.1	
Arch	191	1.46	0.28	NM_025970.1	
Efna1	384	1.46	0.25	NM_010107.2	
1810045K06Rik	2246	1.46	0.03	XM_144142.3	
4933433P14Rik	181	1.46	0.04	NM_178613.2	
scl000158.1_101	490	1.46	0.52		
D230037D09Rik	190	1.46	0.26	NM_177140.2	

Zfp553	304	1.46	0.57	NM_146201.1	
Nspc1	2443	1.46	0.65	NM_197992.1	
Nat5	2429	1.46	0.40	NM_026425.1	
BC038311	1530	1.46	0.61	XM_485640	
Exosc5	1140	1.46	0.65	NM_138586.1	
Txn2	268	1.46	0.59	NM_019913.3	
1700029F09Rik	7864	1.46	0.39	XM_355303.1	
2010003J03Rik	2240	1.46	0.21	XM_129120.4	
Slc17a7	232	1.46	0.74	NM_182993.1	
Ppia	52198	1.46	0.37	XM_122180.1	
Mad2l1bp	869	1.46	0.38	NM_025649.1	
Nrm	2823	1.46	0.21	NM_134122.1	
D4Bwg0951e	869	1.46	0.83	NM_026821.2	
Chst1	2360	1.46	0.10	NM_023850.1	
Cxx1b	133	1.46	0.80		
1500011B03Rik	411	1.46	1.05		
Nkx2-5	334	1.46	0.77	NM_008700.1	
1110031I02Rik	968	1.46	0.16	NM_025402.1	
A130019A16Rik	52	1.46	0.66	AK037437	
Nme5	911	1.46	0.59	NM_080637.1	
LOC382790	12403	1.46	0.31	XM_356675.1	
Hist1h2bm	238	1.46	0.29	NM_178200	
LOC381872	60	1.46	0.53	XM_358666.1	
D830030K20Rik	98	1.46	0.46	XM_283472.2	
Pemt	82	1.46	0.08	NM_008819.2	
Pinx1	147	1.46	0.52	NM_028228.1	
4932409F11Rik	139	1.46	0.61	NM_029404.1	
Laptm5	100	1.46	0.56	NM_010686.2	
Sec13l1	10124	1.46	0.27	NM_024206.3	
4833422F06Rik	1987	1.46	0.50	NM_198413.1	
1110034G24Rik	170	1.46	0.30	XM_130388.3	
LOC381255	71	1.46	0.33	XM_355197.1	
Cetn3	3749	1.46	0.41	NM_007684.2	
LOC237005	1235	1.46	0.72	XM_136032.3	
Mrps22	960	1.46	0.32	NM_025485	
9430002A10Rik	73	1.46	0.09	AK020399	
Hmox2	655	1.46	0.46	NM_010443.1	
Cdkn3	1076	1.46	0.52	XM_354809.1	
4933439M10Rik	66	1.46	0.84	AK017126	
Ccdc53	1535	1.46	0.55		
Thoc4	5947	1.46	0.44	NM_011568.1	
Zfp787	287	1.46	0.61		
Ube2f	2903	1.46	0.33		
Ifnab	74	1.46	0.63	NM_008336	
Cgef2-pending	427	1.46	0.15	AK017479	
Sra1	1619	1.46	0.44	NM_025291.1	
Ddx51	444	1.46	0.31	NM_027156.2	
scl0000115.1_6_F	178	1.46	0.49		
C030002N13Rik	745	1.46	0.33	NM_145550.1	
3202002H23Rik	115	1.46	0.22	AK080441	
Pcnp	384	1.46	0.03	XM_132579.5	
scl0001000.1_8	95	1.46	0.22		
Rpl17	10359	1.46	0.21	XM_284068.2	
Aig1	127	1.46	0.33	NM_025446	
5430406J06Rik	342	1.46	0.40		
1500015G18Rik	107	1.46	0.46	AK005248	
Slc24a3	484	1.46	0.16	NM_053195.1	
Galk1	2633	1.45	0.25	NM_016905.1	
2610012O22Rik	1018	1.45	0.40	NM_023536	
Cbx1	267	1.45	0.38	NM_007622.2	
2310057H16Rik	7987	1.45	0.08	NM_026473.2	
BC008155	5591	1.45	0.31	NM_145410.1	
Stx8	386	1.45	0.29	AK035105	
3110052N05Rik	364	1.45	0.24	NM_029826.1	
Upp1	825	1.45	0.28	NM_009477.1	
Nt5m	1129	1.45	0.29	NM_134029.1	
C330006A16Rik	1009	1.45	0.41		
Chchd5	726	1.45	0.13	NM_025395.1	

Ddx28	286	1.45	0.09	NM_028038.1	
2210418O10Rik	3755	1.45	0.18	NM_029813	
B230350I06Rik	75	1.45	0.63	AK046198	
Rtn4ip1	540	1.45	0.27	NM_130892.2	
LOC667250	1161	1.45	0.91		
Chmp2a	2521	1.45	0.27		
1110034O24Rik	1429	1.45	0.45	AK004102	
LOC382087	2727	1.45	0.72	XM_358705.1	
Klk21	180	1.45	0.57	NM_010642.1	
Nucb1	2696	1.45	0.26	NM_008749.1	
6230427J02Rik	111	1.45	0.45	XM_486256	
Ppib	5604	1.45	0.52	NM_011149.1	
A230106J09Rik	256	1.45	0.12	AK020717	
Ralb	584	1.45	0.26	NM_022327.3	
Cryl1	653	1.45	0.74	NM_030004.2	
Car9	478	1.45	0.14	NM_139305.1	
Polr3h	998	1.45	0.30	NM_030229.2	
LOC230983	448	1.45	0.23	XM_131847.2	
Eif3s5	10476	1.45	0.30	NM_025344	
2010007K12Rik	496	1.45	0.67	AK008150	
Ebp	784	1.45	0.33	NM_007898.2	
scl00009.1_36_RE	71	1.45	0.46		
Srrm2	652	1.45	0.07	NM_175229.2	
Blvra	2362	1.45	0.08	NM_026678.3	
LOC381490	6761	1.45	0.35	XM_355443.1	
F730029J03Rik	70	1.45	0.57	AK089440	
1700021P04Rik	44	1.45	0.53	XM_129158.1	
BC037704	121	1.45	0.58		
1110007F05Rik	312	1.45	0.40	XM_284024.2	
scl0004025.1_69	205	1.45	0.19		
A230057E24Rik	193	1.45	0.27	AK038724	
Sh3glb2	2195	1.45	0.19	NM_139302.1	
LOC245892	6175	1.45	0.30	XM_147335.2	
Cdc42ep2	86	1.45	0.40	NM_026772.1	
Slc2a6	629	1.45	0.22	NM_172659.1	
Rap2b	52	1.45	0.42	NM_028712.3	
Phf19	344	1.45	0.36	NM_028716.1	
Keap1	560	1.45	0.03	NM_016679.2	
2810021O14Rik	2038	1.45	0.31	AK076679	
4930515G01Rik	73	1.45	0.38	NM_175120.2	
Rpl5	22877	1.45	0.16	NM_016980.1	
Birc5	2345	1.45	0.39	NM_009689.1	
Tapbpl	112	1.45	0.63		
Scamp2	2220	1.45	0.09	NM_022813.2	
MGC40669	111	1.45	0.50	XM_133786.5	
Mlit4	952	1.45	0.66	XM_139743	
Emp1	529	1.45	0.20	NM_010128.3	
Dynll1	6442	1.45	0.37		
2010204O13Rik	108	1.45	0.70		
EG630499	735	1.45	0.33		
Per1	653	1.45	0.22	NM_011065.2	
Itgb1bp1	1197	1.45	0.14	NM_008403.2	
Arrdc4	2534	1.45	0.55	NM_025549.1	
Gtse1	970	1.45	0.32	NM_013882.1	
Nipsnap1	997	1.44	0.25	NM_008698.1	
Gabarap	3765	1.44	0.42	NM_019749.3	
Tbc1d7	1001	1.44	0.44	NM_025935.1	
Commd3	2542	1.44	0.51		
1700022C21Rik	403	1.44	0.07	NM_029602.1	
Syp	3021	1.44	0.71	NM_009305.1	
BC005624	139	1.44	0.32	NM_144885.1	
Snx11	1818	1.44	0.04	NM_028965.2	
Acot8	895	1.44	0.25		
2510010F15Rik	1098	1.44	0.18	NM_026454.2	
Calr	859	1.44	0.94	NM_007591.2	
C230078J11Rik	89	1.44	0.40	AK048878	
LOC732482	417	1.44	0.54		
Creb3	1884	1.44	0.18	NM_013497.1	

Thap11	2033	1.44	0.09	NM_021513.1	
LOC382628	142	1.44	0.57	XM_356597.1	
Ckap1	3967	1.44	0.43	NM_025548.1	
Mrpl15	2349	1.44	0.50	AK003367	
Bcap31	1272	1.44	0.40	NM_012060.2	
Asl	333	1.44	0.13	NM_133768.1	
3110013H01Rik	4852	1.44	0.58	XM_203393.1	
Exosc8	1014	1.44	0.19	NM_027148.2	
Ppp4c	7075	1.44	0.30	NM_019674.2	
Ppm1l	679	1.44	0.11	NM_178726	
Syt5	494	1.44	0.73	NM_016908.2	
Vps28	11121	1.44	0.41	NM_025842.1	
Tuba8	290	1.44	0.30	NM_017379.1	
Tspan17	1775	1.44	0.29		
4930565B19Rik	139	1.44	0.32		
Sat1	6713	1.44	0.56	NM_009121.3	
Sar1b	3831	1.44	0.24		
Actb	10552	1.44	0.09	NM_007393.1	
Mta2	552	1.44	0.31	NM_016664.1	
Btf3	19808	1.44	0.43	NM_145455.1	
Lemd2	4017	1.44	0.20	NM_146075.1	
Tufm	5319	1.44	0.41	NM_172745.1	
Prkcabp	1567	1.44	0.20	NM_008837.1	
Aabp3-pending	488	1.44	0.41	AK014712	
Naca	6012	1.44	0.34	NM_013608.2	
2010001O09Rik	1334	1.44	0.37	NM_025909.1	
Vat1	709	1.44	0.51	NM_012037.1	
Sdhb	1792	1.44	0.37	NM_023374.3	
Stk19	411	1.44	0.60	NM_019442	
Nhlrc1	461	1.44	0.13	NM_175340.2	
Stub1	1380	1.44	0.48	NM_019719.2	
Srm	4586	1.44	0.32	NM_009272.2	
Pcdhgb1	226	1.44	0.37	NM_033574	
9130204C11Rik	82	1.44	0.35	AK033633	
2900073H19Rik	437	1.44	0.19	NM_026615.2	
A230051G13Rik	498	1.44	0.08	NM_173785.2	
Tsga2	2979	1.44	0.17	NM_025290.2	
Akt1s1	1604	1.44	0.68	NM_026270.1	
Dscr2	2298	1.44	0.47	NM_019537.1	
Arf5	2015	1.44	0.79	NM_007480.1	
Mrps31	2375	1.44	0.23	NM_020560.1	
Cog8	1157	1.44	0.15	NM_139229.2	
1110028N05Rik	415	1.44	0.66	NM_025400.2	
2810049C16Rik	316	1.44	0.41	AK012928	
Atp5c1	10995	1.44	0.14	NM_020615.2	
9830166G06Rik	1092	1.44	0.18	AK036717	
BC023823	2589	1.44	0.39	NM_153566.1	
Aamp	4347	1.44	0.47	NM_146110.1	
Sas	1655	1.44	0.34	NM_025982	
Gnefr	641	1.44	0.24		
Mrps10	971	1.44	0.41	NM_183086	
4833424P18Rik	428	1.44	0.49	AK014764	
Ctxn	583	1.44	1.03	NM_183315.1	
4930526I15Rik	536	1.44	0.69		
Bet1l	1736	1.44	0.49	NM_018742.3	
A430024H01Rik	238	1.44	0.30	AK020747	
Dhrs7	1437	1.44	0.35	NM_025522.1	
Cox10	2836	1.44	0.34	NM_178379.2	
Fez1	1050	1.44	0.25	NM_183171.1	
LOC386564	2260	1.44	0.65	XM_359405.1	
Phlda3	1195	1.44	0.23	NM_013750.1	
Tagln2	7805	1.44	0.44	NM_178598.1	
C330013E15Rik	150	1.44	0.37		
A930017E24Rik	894	1.44	0.51	NM_177041.2	
Sema4b	1096	1.44	0.17	AK028896	
1300017J02Rik	41	1.43	1.22	NM_027918.1	
Mphosph6	1438	1.43	0.48	NM_026758.1	
Bok	997	1.43	0.15	NM_016778	

Slc25a38	1296	1.43	0.24		
1190004M23Rik	339	1.43	0.36		
Cml1	268	1.43	0.21	NM_023160.1	
1110002N22Rik	827	1.43	0.36	NM_183275.1	
2210018M03Rik	1745	1.43	0.22	XM_355849.1	
Pmm1	831	1.43	0.44	NM_013872.1	
Rfxap	810	1.43	0.39	NM_133231	
4933429H19Rik	43	1.43	0.43	AK016981	
Copz2	409	1.43	0.47	NM_019877.1	
G630024G08Rik	132	1.43	0.48	AK090243	
H2-Q2	644	1.43	0.39	NM_010392.1	
Hoxa7	279	1.43	0.06	NM_010455	
Hdc	301	1.43	0.14	NM_008230	
Mrpl49	715	1.43	0.18	NM_026246.1	
2510027N19Rik	4131	1.43	0.33	NM_026330.2	
Psm10	2394	1.43	0.34	NM_016883.3	
Armc6	658	1.43	0.28	XM_486122	
Gpr137	1084	1.43	0.27		
1300011L04Rik	102	1.43	0.44		
Pabpn1	6954	1.43	0.62	NM_019402.1	
Cklfs3	105	1.43	0.10	NM_024217.2	
LOC385068	11685	1.43	0.22	XM_358030.1	
Cdk2ap1	21855	1.43	0.29	NM_013812.1	
1700071K01Rik	271	1.43	0.07		
Rhbdd2	183	1.43	0.37		
Pkig	1271	1.43	0.22	NM_011106.1	
Mrpl36	2578	1.43	0.30	NM_053163.1	
Dbp	2530	1.43	0.27	NM_016974.1	
Gstm2	2491	1.43	0.23	NM_008183.2	
4933424A20Rik	118	1.43	0.34		
Phca	729	1.43	0.28	NM_025408.1	
Srr	3996	1.43	0.14	AK043819	
Nuak1	110	1.43	0.63		
Wbscr18	609	1.43	0.32	NM_025362.2	
2310002F18Rik	159	1.43	0.63	XM_132218.3	
Sertad1	248	1.43	0.16	NM_018820.3	
Rai12	1661	1.43	0.23	NM_018740.1	
Tnip1	451	1.43	0.80	NM_021327.1	
Nudc	14531	1.43	0.37	NM_010948.1	
Incenp	1179	1.43	0.30	NM_016692.1	
Rps6kl1	1896	1.43	0.28	NM_146244.2	
Hs3st6	56	1.43	0.66		
E2f1	5091	1.43	0.35	NM_007891.1	
3110023E09Rik	396	1.43	0.30	NM_026522.2	
Ndufa9	6908	1.43	0.49	NM_025358.1	
Bud31	3644	1.43	0.28		
3110023B02Rik	829	1.43	0.18	NM_152807.1	
Eif2b4	3346	1.43	0.33	NM_010122.1	
Hspb6	7730	1.43	0.25		
D230016O17	156	1.43	0.23		
Nupr1	4023	1.43	0.39	NM_019738.1	
C430049K18Rik	290	1.43	0.52	AK082937	
3110001N18Rik	307	1.43	0.56	NM_026517.1	
LOC381850	825	1.43	0.58	XM_355862.1	
Anxa2	18814	1.43	0.14	NM_007585.2	
G1p2	50	1.43	0.47	NM_015783.1	
9630032J03Rik	500	1.43	0.33	AK079342	
Vsnl1	79	1.43	0.84	NM_012038.2	
1810015A11Rik	1282	1.43	0.57	XM_358772.1	
3732412D22Rik	888	1.42	0.12	XM_194207.3	
D230021F18Rik	215	1.42	0.33	AK051938	
LOC382230	13841	1.42	0.28	XM_356342.1	
N6amt1	1650	1.42	0.41		
Gna-rs1	2397	1.42	0.14	NM_008136.1	
Map4k1	39	1.42	0.76	NM_008279.1	
Fer1l3	53	1.42	0.14	XM_283556.2	
scl0003020.1_1	61	1.42	0.61		
E430033B07Rik	22942	1.42	0.23	AK088947	

Dgat2	774	1.42	0.23	NM_026384.2	
Rnaseh1	481	1.42	0.33	NM_011275.1	
2810438F06Rik	1348	1.42	0.63		
Ptdsr	8547	1.42	0.07	NM_033398.1	
2900075A18Rik	10214	1.42	0.46		
Rad1	565	1.42	0.31	NM_011232.1	
Vax2	53	1.42	0.24	NM_011912.1	
Pla2g2c	72	1.42	0.57	NM_008868.1	
Lym2	918	1.42	0.37		
Pigs	275	1.42	0.41	NM_201406.1	
LOC545056	8413	1.42	0.10		
2600005N12Rik	806	1.42	0.32	NM_197995.1	
Smpdl3b	541	1.42	0.32	NM_133888.1	
Calm3	8608	1.42	0.09	NM_007590.2	
Rab8a	2963	1.42	0.11	NM_023126.2	
Cyp2s1	375	1.42	0.62	NM_028775.2	
Atp1a1	8737	1.42	0.16	NM_144900.1	
Ankrd47	66	1.42	0.18		
LOC382114	175	1.42	0.42	XM_358707.1	
1110017L21Rik	3414	1.42	0.18	AK003755	
LOC382691	458	1.42	0.28	XM_356627.1	
Gfm	305	1.42	0.37	NM_138591.1	
B3Gat3	79	1.42	0.58	AK048428	
1110004P15Rik	571	1.42	0.32		
Srr1	165	1.42	0.55	XM_485670	
BC024955	457	1.42	0.45	NM_201352.1	
Impdh1	265	1.42	0.42	NM_011829.2	
Nr1i3	359	1.42	0.48	AK029485	
1700008F19Rik	76	1.42	0.19		
Ddx49	725	1.42	0.21		
2500002L14Rik	3414	1.42	0.22	NM_025607.2	
Dtr	335	1.42	0.28	NM_010415.1	
Tuba4	155	1.42	0.21	NM_009447.2	
Paqr4	91	1.42	0.63	NM_023824.2	
BC018399	43	1.42	0.45	NM_145431.1	
Gstp1	10514	1.42	0.50	NM_013541	
Rbm21	1844	1.42	0.17	NM_197993.1	
Fpgs	651	1.42	0.15	NM_010236	
Gsto2	108	1.42	0.11		
Ddx27	2144	1.42	0.38	NM_153065	
H47	3527	1.42	0.59	NM_024439.2	
Slc35c2	806	1.42	0.35	NM_144893.1	
Mageh1	187	1.42	0.08	NM_023788.1	
Fibp	684	1.42	0.24	NM_021438.1	
LOC381739	125	1.42	0.18	XM_358649.1	
Chst11	95	1.42	0.08	NM_021439.1	
Tsta3	4970	1.42	0.11	NM_031201.1	
Ercc1	360	1.42	0.52	NM_007948.1	
Fgf15	52	1.42	0.71	NM_008003	
LOC380920	118	1.42	0.49	XM_358464.1	
Gcap26	669	1.42	0.37		
Htf9c	2718	1.42	0.16	NM_008307.1	
Ebi3	59	1.42	0.48	NM_015766.1	
Rbx1	6823	1.42	0.24	NM_019712.2	
Pbx4	196	1.41	0.50	NM_030555.1	
A1132487	149	1.41	0.39	XM_127129.3	
1700029J07Rik	195	1.41	0.31	XM_134156.2	
Tmem134	717	1.41	0.36		
Cdca3	2399	1.41	0.26	NM_013538.3	
E030040G24Rik	149	1.41	0.48	AK087259	
Pafah1b3	1828	1.41	0.72	NM_008776.1	
Fndc5	317	1.41	0.43	NM_027402	
Ran	12332	1.41	0.15	NM_009391.2	
Gtf2h1	2380	1.41	0.07	NM_008186.2	
Myak	160	1.41	0.45	AF071071	
1110014J17Rik	2650	1.41	0.36	AK003702	
Gng8	127	1.41	0.44	NM_010320.2	
S100pbb	124	1.41	0.47		

Nat6	114	1.41	0.96	NM_019750.2	
Gsto1	1731	1.41	0.29	NM_010362.1	
Qtrt1	1114	1.41	0.53	NM_021888.1	
2610027L16Rik	140	1.41	0.11	NM_026403.2	
2410016O06Rik	1257	1.41	0.07	NM_023633	
Cdkn2d	502	1.41	0.51	NM_009878	
Rnf135	373	1.41	0.18		
1810058I24Rik	200	1.41	0.24		
Alox12b	67	1.41	0.54	NM_009659.1	
1700095J19Rik	84	1.41	0.44	AK007085	
BC035522	416	1.41	0.29	XM_355513.1	
6430598A04Rik	165	1.41	0.46	NM_175521.3	
Grhpr	2162	1.41	0.07	NM_080289.1	
Mrps35	895	1.41	0.91	NM_145573	
4632413K17Rik	1061	1.41	0.34	NM_177614.2	
1700030E05Rik	509	1.41	0.34	NM_023790.1	
1110012O05Rik	7992	1.41	0.20	NM_024170	
A930007B11Rik	108	1.41	0.53		
Mtf1	191	1.41	0.17	NM_008636.2	
5830471E12Rik	647	1.41	0.73		
Al413631	282	1.41	0.12	NM_198645	
Rpl23	20919	1.41	0.08	NM_022891.1	
9130005N14Rik	326	1.41	0.29	NM_026667.2	
Rhox4b	361	1.41	0.52		
LOC268700	8818	1.41	0.22	XM_193742.2	
4933436C20Rik	230	1.41	0.43	XM_486143	
Adm2	433	1.41	1.00	NM_182928.2	
LOC232400	964	1.41	0.27	XM_132895.3	
2510004L01Rik	386	1.41	0.43	NM_021384.2	
5930416I19Rik	3720	1.41	0.20	NM_197981.1	
Tagln3	1143	1.41	0.55	NM_019754.2	
Upf1	883	1.41	0.20		
Ptms	460	1.41	0.92		
Cox7a2	281	1.41	0.20	NM_009945.2	
Lbp	304	1.41	0.50	NM_008489	
2700063A19Rik	76	1.41	0.77	NM_197996	
Gzmm	314	1.41	0.12	NM_008504.2	
Dhodh	245	1.41	0.24	NM_020046	
D630035N04Rik	171	1.41	1.04	AK085505	
Zxda	337	1.41	0.44	NM_183105.1	
Lcmt1	736	1.41	0.22	NM_025304.3	
Sfrs16	288	1.41	0.27	NM_016680	
Dnttip1	8743	1.41	0.23	NM_133763.1	
Eif3s7	9586	1.41	0.13	NM_018749	
Paf53	1022	1.41	0.25	NM_022811	
LOC211591	41	1.41	0.68	XM_147649.1	
2310056P07Rik	10576	1.41	0.52	XM_148611.1	
0610007C21Rik	4959	1.41	0.33	NM_212470	
Twistnb	812	1.41	0.26	NM_172253.1	
Ubl7	907	1.41	0.72		
Mpst	41	1.41	0.56	NM_138670.1	
Pqlc2	281	1.41	0.14	NM_145384	
D11Moh34	760	1.41	0.47	NM_033568.1	
D730042P09Rik	84	1.41	0.07	AK021335	
5430432M24Rik	340	1.41	0.54	NM_028666.1	
1500015A07Rik	127	1.41	0.15		
LOC231444	263	1.41	0.22	XM_124565.3	
Hdgf	6781	1.41	0.24	NM_008231.2	
BC037034	2144	1.40	0.15	NM_153161.1	
1810055G02Rik	1499	1.40	0.49	NM_028077.1	
Ak1	869	1.40	0.13	NM_021515.1	
Lepre1	271	1.40	0.07	NM_019782.1	
5430437P03Rik	1515	1.40	0.61	NM_026636	
Alg3	1287	1.40	0.48	NM_145939	
Cdkn1a	6791	1.40	0.37	NM_007669.2	
Lrba	580	1.40	0.16	AK085208	
Rnf40	462	1.40	0.25	NM_172281.1	
0610034P02Rik	746	1.40	0.36	XM_203352.2	

LOC386534	192	1.40	0.17	XM_359377.1	
LOC233899	288	1.40	0.12	XM_133853.3	
Zfp535	508	1.40	0.08	NM_026107.2	
Rpo1-1	2841	1.40	0.26	NM_009085.1	
Cdipt	2684	1.40	0.17	NM_138754.1	
Spc18	6725	1.40	0.30	NM_019951.1	
2310041H06Rik	4538	1.40	0.30	NM_029385.1	
Crebl1	1472	1.40	0.23	NM_017406.2	
LOC381196	125	1.40	0.24	XM_355126.1	
Hnrpl	7767	1.40	0.82	NM_177301.3	
lfrd1	250	1.40	0.66	NM_013562	
Sdcbp2	942	1.40	0.04	NM_145535.1	
Plk1	2374	1.40	0.20	NM_011121.2	
C730026E21Rik	811	1.40	0.19	NM_175439.2	
Clstn1	358	1.40	0.13	NM_023051	
Syng2	1615	1.40	0.32	NM_009304.1	
Mtap7d2	199	1.40	0.69		
Homer2	568	1.40	0.23	XM_133550.4	
DXBwg1396e	265	1.40	0.45	NM_029836.1	
2700049H19Rik	479	1.40	0.08		
1190009E12Rik	59	1.40	0.67	AK004524	
A930029N17Rik	59	1.40	0.87	AK044651	
1700026L06Rik	121	1.40	0.51	XM_130129.3	
1500006O09Rik	5236	1.40	0.33	XM_147163.1	
Khdrbs2	458	1.40	0.18	NM_133235.2	
BC009118	721	1.40	0.42	NM_145595.1	
Ppof2	52	1.40	0.32	NM_011148.2	
Ahsa1	1341	1.40	0.61	NM_146036.1	
Tyms	968	1.40	0.43	NM_021288.2	
Gpr177	141	1.40	0.23		
Cirbp	533	1.40	0.44	NM_007705.1	
0610007P06Rik	2680	1.40	0.39		
4930579G24Rik	296	1.40	0.57	XM_485257	
Amica1	41	1.40	0.35		
3110043J09Rik	121	1.40	0.04	NM_028455	
Cib2	387	1.40	0.29	NM_019686.3	
4932425I24Rik	283	1.40	0.24	NM_177104.1	
2810409H07Rik	777	1.40	0.51	NM_025942.1	
1700014P03Rik	91	1.40	0.23	NM_153527.2	
LOC328832	52	1.40	0.87	XM_283454.2	
Psm3	7708	1.40	0.24	NM_011184.2	
Pramel3	44	1.40	0.44	NM_031390.1	
9430029K10Rik	3495	1.40	0.54	XM_284281.2	
Ube2m	721	1.40	0.58	NM_145578.1	
Spin2	254	1.40	0.21		
Ndufs3	4067	1.40	0.37	XM_130347.1	
5730449L18Rik	3273	1.40	0.27	NM_025677.1	
Paox	830	1.40	0.20	NM_153783.2	
9530025L16Rik	37	1.40	0.68	NM_175256.2	
A230050A16Rik	51	1.40	0.98	AK038607	
C430015A10Rik	358	1.40	0.10	AK082906	
Cdkn2a	141	1.40	0.09	NM_009877.1	
8430432M10Rik	160	1.40	0.14	NM_176831.2	
5033414D02Rik	1826	1.40	0.45	NM_026362.1	
Khsrp	136	1.40	0.31	NM_010613	
Ddit4	5706	1.40	0.35	NM_029083.1	
Acbd4	150	1.40	0.60	NM_025988.1	
BC048355	146	1.40	0.57	NM_207161	
5730409K12Rik	728	1.40	0.38		
4921509E05Rik	51	1.40	0.64	NR_000042.1	
5033430I15Rik	728	1.40	0.44	XM_127301.2	
C730009F21Rik	327	1.40	0.60	AK050063	
1110001N06Rik	2114	1.40	0.42	AK003256	
Surf1	365	1.39	0.47	NM_013677.1	
2510002D24Rik	311	1.39	0.55	XM_110173.1	
6530413F01Rik	62	1.39	0.70	AK018335	
Ripk3	59	1.39	0.22	NM_019955.1	
Hist1h2bp	162	1.39	0.29	NM_178202	



1700052K11Rik	152	1.39	0.31	NM_028539.1	
5031439G07Rik	954	1.39	0.22	XM_128281	
Dusp3	143	1.39	0.21	NM_028207.1	
Rpn1	74	1.39	0.33	NM_133933.2	
mt-Atp6	26004	1.39	0.32		
H2-L	5685	1.39	0.41		
2310040B03Rik	338	1.39	0.44		
AI839735	1882	1.39	0.33	NM_178915.2	
1700003F12Rik	200	1.39	0.17		
Agpat6	3952	1.39	0.18		
Timm17b	61	1.39	0.52	NM_011591	
1110001K21Rik	2289	1.39	0.53	NM_025839.1	
Zfp67	67	1.39	0.38	NM_009565.1	
Fhit	248	1.39	0.04	NM_010210.1	
Guca1a	119	1.39	0.47	NM_008189.2	
Kai1	496	1.39	0.18	NM_007656.1	
Exosc2	1777	1.39	0.31	NM_144886.1	
3930402F13Rik	335	1.39	0.29	XM_128477.4	
Comm4	813	1.39	0.34	NM_025417.1	
Cycs	2255	1.39	0.23	NM_007808.2	
IGHV1S123_AF02	43	1.39	0.54		
Pla2g12a	2475	1.39	0.18	NM_023196.2	
BC018462	174	1.39	0.32	NM_146178	
Glis1	241	1.39	0.53	NM_147221.1	
A630050L08Rik	60	1.39	0.98	AK041985	
Olfr1381	58	1.39	0.16		
Golga2	350	1.39	0.19	NM_133852.1	
Vamp3	3064	1.39	0.03	NM_009498.3	
1110012L19Rik	689	1.39	0.56	NM_026787.1	
Sdc3	2066	1.39	0.25	NM_011520.2	
Slc12a3	305	1.39	0.11	NM_019415	
Tmem5	1431	1.39	0.27	NM_153059	
Tacr2	44	1.39	0.29	NM_009314.2	
Akr1b8	319	1.39	0.70	NM_008012.1	
2410001E19Rik	1315	1.39	0.24	XM_134644.2	
Rangap1	7657	1.39	0.09	NM_011241	
Tbrg4	634	1.39	0.08	NM_134011.1	
E030045D18Rik	49	1.39	0.53		
Mrpl44	2129	1.39	0.34	XM_357108.1	
LOC384054	78	1.39	0.76	XM_357391.1	
Pih1d1	1946	1.39	0.46		
Angptl6	511	1.39	0.20	NM_145154	
Gpaa1	350	1.39	0.36	NM_010331.2	
Psm13	10149	1.39	0.20	NM_011875.2	
LOC384104	1766	1.39	0.67	XM_357429.1	
LOC381234	39	1.39	0.76	XM_355170.1	
LOC383124	71	1.39	0.42	XM_356889.1	
Coq7	371	1.39	0.01	NM_009940.1	
Hist1h2bn	117	1.39	0.50	NM_178201.1	
Ckmt2	59	1.39	0.54	NM_198415.1	
Sui1-rs1	32693	1.39	0.15	NM_011508	
Wbp5	18356	1.39	0.38	NM_011712.1	
Bspry	253	1.39	0.34	NM_138653.1	
H2-gs17	746	1.39	0.18		
LOC381792	140	1.39	0.56	XM_358653.1	
Cldn9	577	1.39	0.16	NM_020293.1	
Dctn6	1028	1.39	0.39	NM_011722.1	
Prkcsh	4626	1.39	0.39	AK046762	
4933402L21Rik	284	1.39	0.32	XM_203501.2	
Dyt1	442	1.39	0.11	NM_144884.1	
Dbr1	1558	1.39	0.41	NM_031403.1	
Crip2	16573	1.39	0.29	NM_024223.1	
1500002B03Rik	185	1.39	0.27	XM_148033.2	
Rnaseh2a	505	1.39	0.37	XM_356099	
Lrpap1	4261	1.39	0.16	NM_013587.1	
Auh	46	1.39	0.62	AK003929	
Sertad3	300	1.39	0.54	NM_133210.2	
Gtpbp6	524	1.39	0.20		

Grn	5141	1.39	0.54	NM_008175.2	
Ndufaf1	2069	1.39	0.16	NM_027175.2	
2310067B10Rik	330	1.39	0.68	NM_028014.2	
scl0002130.1_20	208	1.39	0.25		
2700007B13Rik	250	1.38	0.40	AK012211	
Pgd	3113	1.38	0.28	NM_025801.1	
Bccip	2630	1.38	0.25	NM_025392	
Myst1	873	1.38	0.28	NM_026370.1	
Ttr	45	1.38	1.09	NM_013697.1	
Dpagt1	1705	1.38	0.09	NM_007875.2	
Gtgeo22	1109	1.38	0.43	NM_148934.1	
Bcs1l	2105	1.38	0.26	NM_025784.2	
Pqbp1	755	1.38	0.34	NM_019478.2	
1500001M20Rik	1069	1.38	0.26	XM_132806	
E130012P04Rik	48	1.38	0.31	AK053379	
Spag7	648	1.38	0.34	NM_172561	
Neu3	75	1.38	0.11	NM_016720.1	
Urod	6791	1.38	0.29	NM_009478.1	
Cops6	6174	1.38	0.51	NM_012002.1	
BC036718	1330	1.38	0.26	NM_153136	
2700082D03Rik	6143	1.38	0.35	NM_026031.1	
Dolpp1	438	1.38	0.10	NM_020329.1	
Usmg3	111	1.38	0.44		
Wbp1	609	1.38	0.53	NM_016757.1	
A730050C11Rik	109	1.38	0.37	AK043043	
Lypla3	682	1.38	0.16	NM_133792.2	
6330401K01Rik	81	1.38	0.19	AK031803	
Atp5f1	1680	1.38	0.27	AK081249	
Tpst2	1961	1.38	0.49	NM_009419	
D7Erttd70e	46	1.38	0.17	AK079628	
Hip2	3240	1.38	0.18	NM_016786.2	
LOC277856	9140	1.38	0.31	XM_204210.2	
LOC219049	5100	1.38	0.25	XM_122711.2	
B930004C15Rik	734	1.38	0.31	AK046928	
AW742319	12794	1.38	0.07	NM_021345.1	
D730049H07Rik	541	1.38	0.40	NM_175423	
scl0003886.1_50	332	1.38	0.15		
D11Wsu99e	253	1.38	0.19	NM_138598.2	
Mpi1	611	1.38	0.22	XM_134931.3	
Dusp14	116	1.38	0.18	NM_019819.2	
Myadm	510	1.38	0.30	NM_016969.1	
Cdc20	1732	1.38	0.05	NM_023223.1	
Zyx	6153	1.38	0.28	NM_011777.1	
F8a	2981	1.38	0.18	NM_007978	
4930471M23Rik	34	1.38	1.13	NM_175675.1	
B430206N15Rik	241	1.38	0.29	AK080913	
Pde6g	48	1.38	0.53	NM_012065.2	
Myh10	950	1.38	0.22	NM_175260	
Psmc4	4662	1.38	0.25	NM_011874.1	
Rbp7	139	1.38	0.15	NM_022020.1	
Spr	510	1.38	0.20	NM_011467.1	
G630014P16Rik	91	1.38	0.37	AK090191	
1810009A15Rik	650	1.38	0.28	NM_025463.1	
Atad3a	6602	1.38	0.21	NM_179203.1	
9629514_325	804	1.38	0.08		
A830008O07	53	1.38	0.19	NM_177819.2	
2600005C20Rik	1310	1.38	0.10	NM_028244	
Acbd6	1503	1.38	0.48	NM_028250.1	
Abcf1	1644	1.38	0.29	NM_013854.1	
Cyp4f13	1093	1.38	0.22	NM_130882.1	
C530044N13Rik	1457	1.38	0.22	NM_146067	
D4Erttd22e	3160	1.38	0.11	NM_174996.1	
E330015C15Rik	36	1.38	0.72	AK054324	
1700040I03Rik	217	1.38	0.25	XM_132652.1	
2310016A09Rik	960	1.38	0.16	NM_181588.2	
Hyou1	528	1.38	0.36	NM_021395.2	
Wdr4	175	1.38	0.14	NM_021322.1	
Ttl	87	1.38	0.30	NM_027192.1	

Preb	2129	1.38	0.23	NM_016703	
2310047H23Rik	1680	1.38	0.11	NM_175150	
LOC380665	660	1.38	0.11	XM_354567.1	
Msx3	53	1.38	0.71	AK012208	
3100004P22Rik	3496	1.38	0.55	NM_133693.1	
Trim40	65	1.38	0.63		
Mrps27	386	1.38	0.25	NM_173757.2	
Neu1	6251	1.38	0.13	NM_010893	
Brf2	638	1.38	0.12	NM_025686.1	
LOC382163	142	1.38	0.71	XM_356263.1	
D930020N02Rik	1531	1.38	0.09	AK086317	
9130604K18Rik	55	1.38	0.73	AK078977	
BC057893	190	1.38	0.28	NM_173033.2	
A530072M07Rik	1545	1.38	0.06	AK041055	
Suclg1	4458	1.38	0.29	NM_019879.1	
LOC384089	399	1.38	0.06	XM_357413.1	
1500026D16Rik	220	1.38	0.10	NM_026616.1	
LOC384742	571	1.38	0.77	XM_357835.1	
Psmc5	4164	1.38	0.17	NM_008950.1	
1700010A17Rik	154	1.38	0.64	XM_130188.3	
Anapc7	1519	1.38	0.16		
Ube2v1	601	1.38	0.66	NM_023230.1	
Olf1020	60	1.38	0.43	NM_146580.1	
Oprs1	810	1.38	0.21	NM_011014.1	
Zfp428	145	1.38	0.30		
Ruvbl1	1430	1.37	0.32	NM_019685.1	
3110001H15Rik	1019	1.37	0.31	NM_027355.1	
Serinc3	2290	1.37	0.14		
LOC381801	52	1.37	0.99	XM_355803.1	
1110020A09Rik	1017	1.37	0.12	NM_027415.1	
Slc9a1	1753	1.37	0.48	NM_016981	
Plk2	211	1.37	0.44	NM_152804.1	
Pgbpl1	903	1.37	0.53	NM_145147	
Ptges	50	1.37	0.26	NM_022415.2	
2810439N09Rik	33	1.37	1.10		
4930488F09Rik	38	1.37	0.71	AK015645	
Rga	889	1.37	0.25	NM_009057.1	
Sirt3	1458	1.37	0.32	NM_022433.1	
LOC381379	782	1.37	0.35	XM_355343.1	
2610318N02Rik	130	1.37	0.20	NM_183287.1	
Nrbf1	1262	1.37	0.37	NM_025297.1	
Mrpl24	1834	1.37	0.36	NM_026591.1	
H2-K1	1129	1.37	0.14	NM_001001892	
5730577G12Rik	347	1.37	0.16	AK030766	
Mrps30	4512	1.37	0.23	NM_021556.2	
Psm4	5418	1.37	0.32	NM_011966	
2610042O14Rik	144	1.37	0.21	NM_025575.1	
Soat2	178	1.37	0.18	NM_146064.1	
Rad52b	734	1.37	0.20	NM_025654.1	
Ehd4	977	1.37	0.14	NM_133838	
6720461J16Rik	148	1.37	0.54	NM_175551.2	
Plp2	3169	1.37	0.34	NM_019755.2	
6030458C11Rik	390	1.37	0.03	AK020074	
D19Etd678e	3929	1.37	0.64	NM_023731.1	
Tbxa2r	50	1.37	0.32	NM_009325.1	
Git1	96	1.37	0.20		
A230058N16Rik	757	1.37	0.29	AK038737	
Ftsj	156	1.37	0.32	AK004357	
Pnkp	1629	1.37	0.02	NM_021549.1	
Hist1h3d	101	1.37	0.38	NM_178204.1	
Acaa1	2975	1.37	0.14	NM_130864.2	
Fus	473	1.37	0.37	NM_139149.1	
Lass2	2677	1.37	0.21	NM_029789.1	
Efnb1	336	1.37	0.41	NM_010110.2	
LOC280205	1144	1.37	0.16	XM_207178.1	
Tm4sf13	71	1.37	0.31	NM_025359.2	
Gltf	1833	1.37	0.53	NM_019821.2	
B130008O17Rik	171	1.37	0.25	AK044865	

LOC380711	47	1.37	0.84	XM_354625.1	
Tnfrsf9	48	1.37	0.34	NM_011612.1	
2610511E22Rik	309	1.37	0.40	NM_029649.1	
Mocs1	313	1.37	0.23	NM_020042.1	
Fxr2h	598	1.37	0.24	NM_011814.1	
2810449D17Rik	342	1.37	0.41		
Hiatl1	110	1.37	1.01		
Zfp1	241	1.37	0.74	NM_024231.1	
Col16a1	187	1.37	0.24	NM_028266.3	
Jtv1	1395	1.37	0.16	NM_146165.1	
2610010A15Rik	214	1.37	0.15		
Crsp9	1927	1.37	0.38	NM_025426.2	
A930035G08Rik	68	1.37	0.15	AK044714	
LOC214738	330	1.37	0.40	XM_125109.2	
Eef1e1	2103	1.37	0.28	NM_025380.1	
Osr1	1939	1.37	0.03	XM_135264.4	
Dscr5	3352	1.37	0.51	NM_019543.2	
Trim24	36	1.37	0.66	AK080890	
Chka	1170	1.37	0.13	NM_013490.1	
C730027P07Rik	57	1.37	0.17	NM_177743.2	
4930471O16Rik	771	1.37	0.46	NM_026348.2	
Hrsp12	295	1.37	0.25	NM_008287.2	
Trim56	131	1.37	0.41	NM_201373.1	
5830420C15Rik	130	1.37	0.46	AK030841	
Cyhr1	446	1.37	0.31	NM_180962.1	
D19Bwg1357e	8246	1.37	0.15	NM_177474.2	
Arrdc1	120	1.37	0.64	NM_178408.2	
Ppp1r8	1939	1.37	0.52	NM_146154.1	
1810015M01Rik	2045	1.37	0.47	NM_026933.1	
Hsbp1	3263	1.37	0.40	NM_024219.1	
Commd9	1649	1.37	0.31	NM_029635.1	
Snrpa1	1050	1.37	0.18	NM_021336	
Gtpbp5	127	1.37	0.32	NM_181424.2	
C230052H12Rik	519	1.37	0.20	NM_178643.3	
Vegfb	1303	1.37	0.82	NM_011697.1	
Prpf38a	937	1.37	0.17		
Vdac1	10716	1.37	0.19	NM_011694	
2700060E02Rik	9415	1.37	0.24	NM_026528.1	
scl0001978.1_6	343	1.37	0.17		
Tce4	902	1.37	0.39	XM_489778	
2010319C14Rik	6512	1.37	0.39	NM_024464.2	
Aaas	709	1.37	0.07	NM_153416.1	
Rbm17	1704	1.36	0.40	NM_152824.1	
LOC242642	123	1.36	0.36	XM_143930.1	
Ethe1	454	1.36	0.56	NM_023154.2	
Synpo2l	60	1.36	0.53	NM_175132.2	
6030458H05	1138	1.36	0.00	NM_177766.2	
Ssbp4	817	1.36	0.27	XM_356132.1	
Gps2	900	1.36	0.26	NM_019726	
G6pdx	458	1.36	0.26	NM_008062.1	
2310061A22Rik	369	1.36	0.12	NM_025872	
AI317395	36	1.36	1.02	NM_144821.2	
Scye1	3827	1.36	0.49	NM_007926.1	
Notch4	76	1.36	0.18	NM_010929	
Fnta	3293	1.36	0.25	NM_008033.2	
2410002F23Rik	800	1.36	0.10	NM_025880.3	
A630072M18Rik	92	1.36	0.31		
Fev	447	1.36	0.69	NM_153111.1	
Bbs5	1228	1.36	0.45		
Hps6	222	1.36	0.15	NM_176785.1	
2610207P08Rik	708	1.36	0.39	XM_127746.2	
Cops7a	1356	1.36	0.25	AK008474	
1300017K07Rik	1457	1.36	0.42	NM_027919.1	
Synj2bp	841	1.36	0.18	NM_025292.2	
scl0003985.1_232	80	1.36	0.35		
LOC386233	269	1.36	0.05	XM_359128.1	
2410004C24Rik	354	1.36	0.36	NM_133678.2	
Nipa1	1030	1.36	0.50	NM_153578.1	

Gstm5	633	1.36	0.28	NM_010360.1	
Rpain	277	1.36	0.43		
Rpl3	31037	1.36	0.18	NM_013762	
2310022A10Rik	1510	1.36	0.11	NM_175107	
Capzb	1969	1.36	0.37	NM_009798.1	
Prkr	1301	1.36	0.20	NM_011163.2	
BC006705	556	1.36	0.10	NM_145404.1	
LOC234374	414	1.36	0.25	XM_134242.3	
Taldo1	5583	1.36	0.29	NM_011528.1	
Mtvr2	401	1.36	0.50	NM_023166	
Fkbp4	8232	1.36	0.64	NM_010219	
Fkbp1	109	1.36	0.26	NM_019873.2	
E130309L16Rik	69	1.36	0.76	AK053808	
Map2k2	1591	1.36	0.01	NM_023138.3	
2700038N03Rik	861	1.36	0.40	NM_027356.1	
2310079P03Rik	912	1.36	0.19	AK010232	
4930432N22Rik	209	1.36	0.39	AK076756	
Mrps15	350	1.36	0.53	NM_025544.1	
Ptplb	553	1.36	0.42	NM_023587	
Rnf166	565	1.36	0.19	XM_134599.3	
E130118D18Rik	972	1.36	0.20	AK087438	
9430029L20Rik	650	1.36	0.65		
H2-T9	107	1.36	0.08	NM_010399	
D7Rp2e	1628	1.36	0.18	NM_033080.1	
A130052D22	80	1.36	0.59	NM_183306.1	
Gemin5	213	1.36	0.30	NM_172558.1	
5530400B01Rik	1849	1.36	0.43		
Sap30	5281	1.36	0.17	NM_021788.1	
D930009C14Rik	35	1.36	0.75	AK086164	
Ccnd3	545	1.36	0.24	NM_007632.1	
2610524G07Rik	5156	1.36	0.41	NM_025596	
Mrps23	3544	1.36	0.40	NM_024174.4	
5730470C09Rik	51	1.36	0.42	AK082951	
B230387C07Rik	605	1.36	0.24	AK046455	
1200011O22Rik	921	1.36	0.15	NM_027891.1	
Ltb4r1	31	1.36	1.33	NM_008519.1	
2610524F24Rik	209	1.36	0.08	AK012141	
2900093E15Rik	46	1.36	0.46	AK013846	
Tpmt	111	1.36	0.19	NM_016785	
LOC382157	2358	1.36	0.21	XM_356256.1	
Rce1	1140	1.36	0.34	NM_023131.1	
Al481716	50	1.36	0.78		
Ppm1f	466	1.36	0.12	NM_176833.2	
Agtrap	215	1.36	0.39	NM_009642.3	
Sdhd	480	1.36	0.10	NM_025848.1	
Dorz1	529	1.36	0.71	NM_145919	
5330438D12Rik	592	1.36	0.40	NM_183200.1	
LOC329680	366	1.35	0.67	XM_283867.2	
2900027M19Rik	76	1.35	0.31	AK013604	
4732458O05Rik	45	1.35	0.50	AK028819	
1600002K03Rik	482	1.35	0.22	XM_354548.1	
2410080P20Rik	347	1.35	0.23	NM_026464.2	
LOC382617	191	1.35	0.29	XM_356594.1	
Arpc4	1069	1.35	0.22	AK030840	
Pard6a	583	1.35	0.61	NM_019695	
Mxd3	258	1.35	0.17	NM_016662.2	
LOC381290	51	1.35	0.78	XM_355232.1	
2900057K09Rik	481	1.35	0.07	NM_175388.2	
Rhou	223	1.35	0.22	NM_133955.1	
Mocs2	1399	1.35	0.21	NM_013826.1	
Neud4	56	1.35	0.62	NM_013874.1	
8430410A17Rik	893	1.35	0.27	NM_173737.2	
Thtpa	1758	1.35	0.18	NM_153083	
Erf	146	1.35	0.41	NM_010155.2	
2510027J23Rik	121	1.35	0.16	NM_025637.1	
Pld3	3015	1.35	0.19	NM_011116.1	
BC027373	75	1.35	0.10	NM_182782.1	
Por	1694	1.35	0.12	NM_008898.1	

1700025B16Rik	258	1.35	0.14	NM_139139.1	
A630095E13Rik	145	1.35	0.20		
AV028368	563	1.35	0.21	NM_177672	
LOC381250	119	1.35	0.62	XM_355192.1	
Cyb5	939	1.35	0.52	NM_025797	
Ergic3	2899	1.35	0.31		
Htr4	55	1.35	0.49	NM_008313	
1600019D15Rik	3157	1.35	0.36	NM_028975.2	
Arl6ip5	1857	1.35	0.25	NM_022992.1	
Dnahc8	131	1.35	0.53	NM_013811.1	
Zfp771	195	1.35	0.39		
5730589L02Rik	94	1.35	0.70	NM_029934.2	
LOC383981	23594	1.35	0.46	XM_357361.1	
LOC242703	305	1.35	0.38	XM_144101.1	
Dtymk	2439	1.35	0.26	NM_023136.1	
Nudt13	101	1.35	0.42	NM_026341	
1810030N24Rik	640	1.35	0.52	NM_025471	
D10Bur2e	156	1.35	0.13	NM_027480.1	
Esd	213	1.35	0.27	NM_016903	
Sri	857	1.35	0.25	NM_025618.1	
Gcat	455	1.35	0.08	AK076469	
Slc22a17	47	1.35	0.41	NM_021551	
4930474M22Rik	55	1.35	0.14	NM_183107.1	
Jmjd3	508	1.35	0.35	XM_126426.3	
LOC385454	774	1.35	0.19	XM_358238.1	
Bag1	11804	1.35	0.13	NM_009736.1	
Mesdc1	60	1.35	0.29	NM_030705.2	
2810028B13Rik	55	1.35	0.31		
LOC277193	1327	1.35	0.42	XM_203663.2	
1110008F13Rik	2715	1.35	0.42	NM_026124.1	
9430080K19Rik	8035	1.35	0.30		
Lhfp12	241	1.35	0.21	NM_172589.1	
BC060267	69	1.35	0.12	NM_198603.1	
Slc35b1	3702	1.35	0.26	XM_128634.4	
Polr2k	319	1.35	0.45	NM_023127	
Vax1	61	1.35	0.24	XM_147282.1	
BC044804	1550	1.35	0.43	NM_178035	
Id2	1461	1.35	0.40		
Rps4x	11841	1.35	0.32	NM_009094	
LOC381492	67	1.35	0.61	XM_358598.1	
LOC384315	259	1.35	0.43	XM_357564.1	
Ppif	4038	1.35	0.12	NM_134084.1	
Clta	1394	1.35	0.51	NM_016760.1	
Tcf11	277	1.35	0.97	NM_009336.1	
Eef1a2	6912	1.35	0.47	NM_007906.2	
Coq6	1276	1.35	0.16	NM_172582.1	
R74862	147	1.35	0.28	NM_133790	
LOC269542	302	1.35	0.13	XM_194143.2	
1810043M15Rik	1808	1.35	0.30	NM_199056.1	
Fkbp8	2646	1.35	0.66	NM_010223.1	
B230333E16Rik	1969	1.35	0.29	AK046010	
Irak2	182	1.35	0.10	NM_172161.2	
BC005682	329	1.35	0.23	NM_033562.2	
D430023H11Rik	62	1.35	0.27	AK052441	
Pcsk4	128	1.35	0.54	NM_008793.1	
Setd6	752	1.35	0.28		
Sumf2	194	1.35	0.36	XM_355742	
2310066N05Rik	966	1.35	0.27	NM_027371.1	
2510022D24Rik	48	1.35	0.40		
Rab4a	367	1.35	0.56	NM_009003.1	
H2-T17	82	1.35	0.85	NM_010396	
BC057552	694	1.35	0.21	NM_172502.1	
Gin1	147	1.35	0.36	AK018404	
mtDNA_ATP8	52640	1.35	0.06		
Cdca8	1630	1.35	0.36	NM_026560.1	
Bcas1	922	1.35	0.38	NM_029815.1	
D19Ert144e	1511	1.35	0.33	NM_026373.1	
2310014B11Rik	70	1.35	0.18	AK009331	

scl0000102.1_16	101	1.35	0.06		
Tcof1	923	1.35	0.27	NM_011552.1	
Chd7	1038	1.35	0.19	XM_149413.3	
Bbc3	622	1.35	0.23	NM_133234.1	
Exosc6	289	1.35	0.84	NM_028274	
Map4k6-pending	87	1.34	0.28	BC011346	
A530050E01Rik	215	1.34	0.25	AK040949	
Sult4a1	4891	1.34	0.08	NM_013873.3	
A430106B04Rik	202	1.34	0.25	AK040546	
Sf3a2	58	1.34	1.09	NM_013651.3	
Nr1h3	81	1.34	0.40	NM_013839.1	
Hmgcl	2235	1.34	0.08	NM_008254.1	
Camta1	1107	1.34	0.31	XM_355539	
1810059A23Rik	594	1.34	0.06	NM_178051.3	
Zfp187	594	1.34	0.56		
Rab24	1388	1.34	0.32	NM_009000.2	
LOC268393	618	1.34	0.10	XM_196027.3	
Rfc3	709	1.34	0.23	AK013095	
B4galt1	648	1.34	0.23	NM_022305.2	
B930011P16Rik	118	1.34	0.08	NM_207282.1	
Prr3	344	1.34	0.23	NM_145487.2	
Pcdhgc5	210	1.34	0.23	NM_033583.2	
Mthfsd	83	1.34	0.48		
Rbm38	401	1.34	0.71		
EG622339	62365	1.34	0.33		
Cr1s1	508	1.34	0.34		
ldh3b	4939	1.34	0.50	NM_130884.1	
scl0001923.1_57	132	1.34	0.47		
Nup43	1889	1.34	0.51	NM_145706.1	
Fut2	2703	1.34	0.36	NM_018876.2	
Tbx19	7153	1.34	0.25	NM_032005.2	
2010311D03Rik	2911	1.34	0.18	NM_133839.1	
AI316787	6362	1.34	0.10	NM_199199.1	
Cplx2	1482	1.34	0.78	NM_009946.1	
Smcr7	138	1.34	0.32		
LOC236955	219	1.34	0.30	XM_150424.2	
Rnf32	83	1.34	0.34	NM_021470.3	
Mybl2	968	1.34	0.14	NM_008652.2	
1110005F07Rik	3328	1.34	0.11	NM_025383	
Mkrm2	598	1.34	0.22	NM_023290.1	
Surf6	96	1.34	0.07	NM_009298.2	
Olf1r538	94	1.34	0.19		
LOC224532	1743	1.34	0.15	XM_128427.3	
Taf15	203	1.34	0.42	AK011843	
1110050F08Rik	34	1.34	0.91	AK004216	
LOC208092	1660	1.34	0.23	XM_126613.3	
4930524J08Rik	471	1.34	0.36		
Capn10	277	1.34	0.43	NM_011796.1	
LOC214568	54	1.34	0.34	XM_131358.2	
Silg111	1237	1.34	0.33		
Gtf3c5	611	1.34	0.13	NM_148928.1	
LOC231081	1210	1.34	0.10	XM_131957.2	
C230060F13Rik	59	1.34	0.28	AK082536	
1700023M03Rik	305	1.34	0.52	NM_027078.1	
E130314A20Rik	40	1.34	1.05	AK053830	
E030007H10Rik	110	1.34	0.59	AK086878	
Trex2	44	1.34	0.53	NM_011907.2	
6430517G15Rik	44	1.34	1.14	AK032298	
2310010G13Rik	125	1.34	0.25	NM_027122.2	
EG231903	340	1.34	0.41		
Grcc9	106	1.34	0.93	NM_013539.1	
C1qtnf6	47	1.34	0.70	NM_028331.2	
1700012G19Rik	17972	1.34	0.35	NM_025954.2	
Lrrc28	500	1.34	0.16	NM_175124.3	
Mrpl4	686	1.34	0.51	NM_023167.1	
Hagh	2252	1.34	0.39	NM_024284.1	
Hn1	8269	1.34	0.10	NM_008258.1	
2300004C15Rik	299	1.34	0.59	XM_147000.1	

3110082I17Rik	443	1.34	0.50	NM_028469.1	
D1Bwg1363e	644	1.34	0.19	XM_129886.4	
F730017E11Rik	177	1.34	0.87	AK089379	
Cpsf5	1060	1.34	0.27	NM_026623.1	
9130019I15Rik	30	1.34	1.25	XM_356104	
2310035N23Rik	137	1.34	0.15		
Erdr1	3768	1.34	0.41	NM_133362.1	
0610009B22Rik	1895	1.34	0.22	NM_025319.1	
1110007L15Rik	4052	1.34	0.25	NM_026269.1	
0610007P14Rik	1837	1.34	0.38	NM_021446	
Tspan31	186	1.34	0.42		
Tmprss11a	47	1.34	0.53		
Nxn	390	1.34	0.10	NM_008750.2	
Dgat1	108	1.34	0.64	NM_010046.2	
BC037527	71	1.34	0.87	NM_172259.1	
5430433G21Rik	284	1.34	0.14	XM_283765.2	
2010007E07Rik	1133	1.34	0.12	AK008144	
Fastk	538	1.34	0.44	NM_023229.1	
LOC239102	632	1.34	0.31	XM_139193.4	
Etv5	42	1.34	0.47	NM_023794	
2810055E05Rik	736	1.34	0.29	NM_153160.2	
Rnu70	95	1.34	0.42		
Apof	76	1.34	0.35	NM_133997.1	
Tpi1	17513	1.34	0.12	NM_009415.1	
Dhrsx	1003	1.34	0.48	XM_135485.4	
1700037H04Rik	6340	1.34	0.30	NM_026091.1	
BC052360	430	1.34	0.08	XM_132552.3	
Arfgap1	448	1.34	0.13	NM_145760.2	
Arfrp1	571	1.34	0.39	NM_029702.2	
Chkb	820	1.34	0.18	NM_007692	
Mnat1	2141	1.34	0.17	NM_008612.1	
Npepl1	7974	1.34	0.30	NM_213733	
Rhoc	105	1.34	0.67	NM_007484.1	
LOC385171	434	1.34	0.34	XM_358100.1	
1700086G18Rik	39	1.34	0.37	AK007018	
Clu	4362	1.34	0.01	NM_013492.1	
2810012H18Rik	920	1.34	0.30		
Adprh	4303	1.34	0.34	NM_007414.2	
Ak2	3118	1.34	0.17	NM_016895.2	
Crsp8	1175	1.34	0.17	NM_026896.1	
Cryab	78	1.34	0.96	NM_009964.1	
Pxmp4	592	1.34	0.34	NM_021534.2	
Hist2h2aa1	108	1.34	0.10	NM_013549.1	
Nubp2	1067	1.34	0.20	NM_011956.2	
Acin1	181	1.34	0.32	NM_023190.1	
Eif2b3	1245	1.33	0.07	XM_131572.4	
Dap3	9548	1.33	0.23	NM_022994.2	
Chaf1a	606	1.33	0.40	NM_013733.2	
Snca	1250	1.33	0.27	AK014472	
Xylb	148	1.33	0.39	XM_135223.2	
BC021611	100	1.33	0.57	NM_144932.2	
A230106M15Rik	562	1.33	0.05	NM_175474.2	
Bag5	834	1.33	0.38	XM_127149.3	
Rpn2	39430	1.33	0.19		
LOC225118	1054	1.33	0.11	XM_128863.3	
LOC216674	335	1.33	0.26	XM_126090.3	
Usp21	304	1.33	0.20	NM_013919.2	
Mkks	288	1.33	0.09	NM_021527.1	
2810012L14Rik	377	1.33	0.19	NM_029581.1	
Fadd	731	1.33	0.18	NM_010175.2	
Adck4	668	1.33	0.13	NM_133770.1	
H2afv	1485	1.33	0.40	XM_126043.3	
Uchl3	282	1.33	0.58	NM_016723	
Arcp2	5809	1.33	0.14	XM_129773.5	
D15Mgi27	894	1.33	0.16	NM_134100.2	
LOC218963	53710	1.33	0.23		
Glr2	228	1.33	0.48	NM_023505	
2310047M10Rik	811	1.33	0.09	XM_484040	



BC031181	2245	1.33	0.38		
0610037L13Rik	788	1.33	0.09	NM_028754.1	
Pcbd	260	1.33	0.30	NM_025273.1	
1810053B01Rik	102	1.33	0.81		
Hist1h2bk	162	1.33	0.23	NM_175665.1	
Prr7	378	1.33	0.08		
2010317E24Rik	643	1.33	0.43	XM_130053.2	
Athl1	71	1.33	0.49		
1700020M16Rik	670	1.33	0.07	XM_127811.4	
6530401C20Rik	44	1.33	0.49	NM_173405	
Rfc5	445	1.33	0.24	AK011931	
Lep	64	1.33	0.53	NM_008493.3	
C730015P05Rik	128	1.33	0.15	AK050106	
Unc119	308	1.33	0.42	NM_011676.2	
A130064M08Rik	158	1.33	0.27	AK037929	
Pmvk	513	1.33	0.20	NM_026784.1	
Med6	1538	1.33	0.17	NM_027213.2	
Ube2e1	421	1.33	0.05	NM_009455.2	
Il17rc	711	1.33	0.15	NM_134159.2	
scl0003131.1_3	49	1.33	0.03		
Cdkn2b	599	1.33	0.10	NM_007670.2	
4930570C03Rik	2028	1.33	0.11	NM_026353.2	
Pex14	2031	1.33	0.07	NM_019781.1	
D730039F16Rik	120	1.33	0.25	XM_130196	
Rfng	150	1.33	0.74	NM_009053.1	
A330102H22Rik	76	1.33	0.03	XM_355150.1	
Mbd3	1524	1.33	0.45	NM_013595.1	
1110001A23Rik	339	1.33	0.19	XM_133645.4	
Gal3st4	37	1.33	0.82		
C230080E09Rik	327	1.33	0.08	AK082664	
1110065P20Rik	434	1.33	0.36	XM_149496.3	
Arpc5l	524	1.33	0.47	NM_028809.1	
Etf1	4943	1.33	0.08	NM_144866.2	
Tmem87a	1184	1.33	0.18		
9430073L23Rik	35	1.33	0.74	AK035013	
Psmf1	1333	1.33	0.09	NM_144889.1	
LOC233908	275	1.33	0.06	XM_150004.1	
Gipc2	78	1.33	0.80		
Cox7a2l	1549	1.33	0.23	XM_123188.1	
Taf13	322	1.33	0.21	NM_025444	
5730427N09Rik	5538	1.33	0.48	NM_021552.1	
0610041B22Rik	593	1.33	0.07	NM_025340.1	
Armet	57	1.33	0.29	NM_029103.1	
Fbxo4	488	1.33	0.07	NM_134099	
9430038l01Rik	260	1.33	0.32	XM_133909.3	
Rtkn	115	1.33	0.72	NM_133641.1	
Brms1	1928	1.33	0.14	NM_134155.1	
Pgpep1	383	1.33	0.22	NM_023217.2	
Ppt2	108	1.33	0.50	NM_019441.2	
Prdx4	11435	1.33	0.48	AK014651	
Pdgfc	57	1.33	0.32	NM_019971.2	
1110006G06Rik	1009	1.33	0.16	NM_028661.1	
LOC234882	5915	1.33	0.39	XM_125096.3	
EG330503	102	1.33	0.19		
Snx21	983	1.33	0.08		
C530043K16Rik	54	1.33	0.43	NM_177241.2	
2010012F05Rik	2589	1.33	0.40	NM_029362.2	
Zfhx2	855	1.33	0.46		
LOC329190	52	1.33	0.47	XM_283627.2	
Il4i1	129	1.33	0.10	NM_010215.1	
Mylc2b	2561	1.33	0.27	NM_023402.1	
Smpd2	317	1.32	0.39	NM_009213.1	
2310050B20Rik	1194	1.32	0.16	NM_025537.2	
Tmco5	40	1.32	0.88		
scl0002449.1_77	1921	1.32	0.24		
Trappc5	100	1.32	0.67	NM_025701.2	
3010026O09Rik	871	1.32	0.55	NM_026543.1	
D4Wsu114e	250	1.32	0.26		

Kcnk1	4041	1.32	0.18	NM_008430	
Gm853	192	1.32	0.45		
LOC382461	68	1.32	0.39	XM_356518.1	
Nfkbia	215	1.32	0.34	NM_010907	
2210016L21Rik	460	1.32	0.49	NM_028211.1	
0610025L06Rik	160	1.32	0.32	NM_172397.1	
Amd1	68	1.32	0.43	NM_009665.2	
D430035B07Rik	72	1.32	0.57	AK085087	
1810026B05Rik	1637	1.32	0.71	XM_489186	
9430016H08Rik	1447	1.32	0.39	XM_283579.2	
Olfr257	66	1.32	0.36	NM_207554	
Dexi	692	1.32	0.32	AK032104	
LOC330553	97	1.32	0.22	XM_284311.2	
B430306N03Rik	40	1.32	0.45	NM_177083.2	
Gfer	2939	1.32	0.11	NM_023040.2	
2900009J06Rik	50	1.32	0.19		
1110020C13Rik	8124	1.32	0.21	NM_025385.2	
1500032H18Rik	737	1.32	0.26	XM_129802.2	
Prkag1	814	1.32	0.40	NM_016781	
Fbf1	277	1.32	0.07	NM_172571.2	
Pam	218	1.32	0.30	NM_013626.1	
Isy1	1441	1.32	0.11		
Taf6	422	1.32	0.04	NM_009315.1	
Snap29	1403	1.32	0.16	NM_023348.3	
LOC385642	41	1.32	0.24	XM_359238.1	
Siat7d	345	1.32	0.11	NM_011373.1	
Zfp312	130	1.32	0.25	NM_080433	
A130023E24Rik	79	1.32	0.37	AK037522	
Ext2	917	1.32	0.32	AK084772	
ldb1	2215	1.32	0.38	NM_010495.1	
Ap3s1	1772	1.32	0.23	NM_009681.2	
4930429O20Rik	339	1.32	0.21	NM_029025	
Tex292	7396	1.32	0.34	NM_011574.1	
Atp6ap1	7968	1.32	0.13	NM_018794.2	
F430201B04Rik	46	1.32	0.63		
2700038L12Rik	442	1.32	0.25	NM_023191.1	
LOC381805	37	1.32	0.56	XM_355805.1	
Chrd	309	1.32	0.24	NM_009893.1	
9630027A13Rik	597	1.32	0.08	AK036011	
D5Ertid593e	3144	1.32	0.18	NM_175096.2	
Irf1	979	1.32	0.04	NM_008390.1	
LOC383836	72	1.32	0.29	XM_357284.1	
B130065L01	57	1.32	0.59		
Txndc5	3565	1.32	0.25	NM_145367.2	
Mmp23	357	1.32	0.20	NM_011985.1	
Ppp1r13l	69	1.32	0.61		
Afg3l1	804	1.32	0.14	AK088172	
Gng10	6210	1.32	0.49	NM_025277	
Cgnl1	44	1.32	0.34		
Smg5	181	1.32	0.10		
2900060M06Rik	54	1.32	0.46	AK013737	
Gpr3	45	1.32	0.35	NM_008154.1	
Hoxa5	841	1.32	0.25	NM_010453.2	
Troap	1217	1.32	0.05	XM_283286.2	
1700052O22Rik	715	1.32	0.11		
Rfesd	70	1.32	0.28		
2410118P20Rik	351	1.32	0.18	XM_133655.3	
Cd59a	1433	1.32	0.14	NM_007652.2	
5830436K05Rik	54	1.32	0.32	AK032734	
D10Bwg1364e	3310	1.32	0.56		
Zbtb17	3899	1.32	0.15	NM_009541.1	
C430004E15Rik	1813	1.32	0.39	NM_175286.2	
2900006F19Rik	100	1.32	0.13	XM_355346	
B930010L06Rik	44	1.32	0.34	AK047003	
Hist1h4i	70	1.32	0.49	NM_175656	
Ube2h	1486	1.32	0.21	NM_009459	
2610510B01Rik	41	1.32	0.50	XM_354972	
Spdef	57	1.32	0.57	NM_013891.2	

1810030A06Rik	355	1.32	0.11		
9330155C01Rik	785	1.32	0.10	AK034086	
6430407D20Rik	400	1.32	0.37	AK018273	
1810020C19Rik	2351	1.32	0.25	XM_130317.5	
5430431G03Rik	175	1.32	0.38	NM_026235.2	
Tssc4	589	1.32	0.40	NM_020285.1	
Gm169	976	1.32	0.42	NM_199301	
Ctdsp1	183	1.32	0.67	NM_153088.1	
1500019G21Rik	930	1.32	0.54	NM_024172.2	
Tk1	406	1.32	0.13	NM_009387	
Sat2	60	1.32	0.32	XM_181304.3	
Dedd	703	1.32	0.29	NM_011615.2	
Wnt10a	3698	1.32	0.17	NM_009518.1	
LOC384766	46	1.32	0.06	XM_357852.1	
C86987	332	1.32	0.54	XM_127523.2	
Ptk9l	1093	1.32	0.29	NM_011876.2	
Mpp3	1924	1.32	0.08	NM_007863.1	
Fance	268	1.32	0.25	XM_283409.2	
Slc35f3	904	1.32	0.21	NM_175434.2	
Bing4	616	1.32	0.26	NM_020603.2	
LOC383099	9888	1.32	0.37	XM_356873.1	
2510048K03Rik	1469	1.32	0.11	NM_028243.1	
1110025F24Rik	1313	1.32	0.38	NM_026393.1	
Pop4	1039	1.32	0.18	NM_025390	
LOC382630	56	1.32	0.41	XM_356598.1	
Sema6b	348	1.32	0.06	NM_013662.1	
Rnf7	5604	1.32	0.28	XM_135065.1	
2700087H15Rik	2636	1.31	0.29	NM_027422.1	
Tal1	52	1.31	0.43	NM_011527.1	
Smox	211	1.31	0.30	NM_145533.1	
9230101K24Rik	768	1.31	0.38	NM_177206	
Nfatc2ip	422	1.31	0.11	NM_010900	
1110049F12Rik	1630	1.31	0.49	NM_025411.2	
Ppa1	7807	1.31	0.32		
Xkh	131	1.31	0.33	NM_023500.1	
1700028I04Rik	62	1.31	0.20	AK006460	
Stard3nl	317	1.31	0.59	NM_024270.1	
Srp68	392	1.31	0.33	NM_146032.2	
Trfr2	52	1.31	0.30	NM_015799.2	
Supt3h	2503	1.31	0.11	NM_178652.1	
2700055K07Rik	283	1.31	0.21	NM_026481.2	
Whsc111	1554	1.31	0.09	XM_284391.2	
Bahd1	1777	1.31	0.35		
Capns1	3212	1.31	0.47	NM_009795	
9626100_224_rc	1087	1.31	0.26		
Rit1	1371	1.31	0.23	NM_009069	
B930008A12Rik	69	1.31	0.68	AK046962	
1810064F22Rik	28746	1.31	0.04		
Gcs1	2279	1.31	0.04	NM_020619.2	
Rnf31	119	1.31	0.38	NM_194346.2	
Klhl18	83	1.31	0.67	NM_177771.2	
D14Ert449e	430	1.31	0.21	NM_025311.1	
LOC218482	1100	1.31	0.16	XM_127488.3	
H2-Q5	589	1.31	0.41	NM_010393.1	
2810468N07Rik	65	1.31	0.43		
Soft	242	1.31	0.25	NM_021790.1	
5330430P07Rik	1062	1.31	0.29	AK030554	
Pex19	806	1.31	0.21	NM_023041.2	
1810073P09Rik	230	1.31	0.44	XM_127323.4	
2310046O06Rik	55	1.31	0.35	NM_175273.2	
9930004G02Rik	34	1.31	0.91	AK036769	
H2afz	11408	1.31	0.26	NM_016750.1	
Tera-pending	721	1.31	0.20	XM_125257.1	
mtDNA_ND1	70457	1.31	0.29		
1110036O03Rik	649	1.31	0.40	NM_176830.2	
4833431D13Rik	65	1.31	0.34	XM_196000.3	
Commd10	1033	1.31	0.36	NM_178377.3	
Stk6	2808	1.31	0.12	NM_011497.2	

Tmem43	2383	1.31	0.23		
Med18	963	1.31	0.09		
D330027H18Rik	144	1.31	0.18	XM_149840.2	
0610040B10Rik	109	1.31	0.25	XM_489113	
1110001A07Rik	368	1.31	0.05	NM_025377.1	
4931426K16Rik	424	1.31	0.30	XM_357260	
1700042G07Rik	40	1.31	0.65	XM_149454.1	
LOC384943	193	1.31	0.33	XM_357953.1	
Hmgn1	6868	1.31	0.27	NM_008251	
Ech1	2597	1.31	0.41	NM_016772.1	
Gmn	48	1.31	0.80	NM_020567.1	
Mrps5	1146	1.31	0.19	NM_029963	
F630025I20Rik	636	1.31	0.79		
Slc44a4	250	1.31	0.21		
Acd	2372	1.31	0.04		
Pofut2	493	1.31	0.37	NM_030262.2	
Copg	1301	1.31	0.13	NM_017477.1	
Nsun5	357	1.31	0.13		
0710008K08Rik	2076	1.31	0.23	NM_026995.1	
Cstf1	4050	1.31	0.15	NM_024199.1	
2600001G24Rik	47	1.31	0.48	AK011135	
LOC624855	84	1.31	0.48		
Ccnh	582	1.31	0.10	NM_023243.2	
Ier3ip1	3972	1.31	0.19		
Mlf2	7175	1.31	0.33	NM_145385.1	
U2af2	198	1.31	0.57	NM_133671.1	
Ccne1	698	1.31	0.47	NM_007633	
2200005K02Rik	85	1.31	0.55	AK008639	
Scara3	3310	1.31	0.21	NM_172604.1	
Bat5	1733	1.31	0.25	NM_178592.2	
Purb	341	1.31	0.50	NM_011221.1	
Eef1g	13122	1.31	0.12	NM_026007	
Hmgb2	996	1.31	0.18	NM_008252.2	
6720406L13Rik	160	1.31	0.32	AK078395	
4930550G17Rik	52	1.31	0.23	AK050748	
2310065K24Rik	1727	1.31	0.13	NM_028221.2	
Uprt	46	1.31	0.20		
Stard10	888	1.31	0.39	NM_019990.1	
Myg1	1593	1.31	0.23	NM_021713.1	
Bscl2	8277	1.31	0.18	NM_008144.3	
Cyba	63	1.31	0.26	NM_007806.1	
Rdbp	3061	1.31	0.40	NM_138580.1	
Sdad1	1855	1.31	0.10	NM_172713.1	
Kif12	47	1.31	0.16	NM_010616.1	
Nob1	686	1.31	0.21		
4732465J04Rik	96	1.31	0.58	AK076359	
4833438C02Rik	84	1.31	0.77		
LOC56628	4923	1.31	0.25	NM_019909.1	
Centg2	882	1.31	0.38	NM_178119.2	
Porcn	81	1.31	0.54	NM_016913.1	
1190007I07Rik	157	1.31	0.03	AK004515	
Gmns	1721	1.31	0.22	NM_146041.1	
En1	447	1.31	0.28	NM_010133	
Uck1	572	1.31	0.10	NM_011675.1	
LOC333315	47	1.31	0.44	XM_286119.2	
Dcps	1048	1.31	0.38		
3230401I01Rik	404	1.31	0.37	NM_026140.2	
Spryd4	714	1.31	0.14		
B230386D16Rik	293	1.31	0.26	AK046451	
Ube1l	89	1.31	0.89	NM_023738.2	
AA408556	4115	1.31	0.43	NM_199447.2	
4933432P15Rik	167	1.31	0.07	NM_175164.2	
Pigq	828	1.31	0.30	NM_011822.2	
Tmem53	237	1.31	0.15		
D030018L15Rik	81	1.31	0.44		
Ahnak	60	1.31	0.41		
Agpat4	1593	1.31	0.60	NM_026644.1	
Gpr135	304	1.31	0.04	NM_181752.1	

Vps52	81	1.31	0.45	XM_110209.3	
Slc25a39	1214	1.31	0.52		
Ddx48	6044	1.31	0.39	NM_138669.1	
D7Wsu128e	390	1.31	0.29	NM_138589	
Olfir593	64	1.31	0.57	NM_146380.1	
Fbxo44	449	1.31	0.13	NM_173401.1	
Acat2	330	1.31	0.39	NM_009338	
8430426K15Rik	239	1.31	0.17		
Psmc3	2449	1.31	0.51	NM_008948.1	
Tor2a	146	1.30	0.56	AK019246	
Zbtb2	475	1.30	0.05		
Ifngr1	567	1.30	0.20	NM_010511.1	
Pnp	348	1.30	0.29	AK008143	
5730585A16Rik	37	1.30	0.89		
A930025A13Rik	51	1.30	0.64	NM_177196.2	
LOC382063	14033	1.30	0.25	XM_356143.1	
Rabggta	398	1.30	0.13	NM_019519.1	
Pex11b	1016	1.30	0.06	NM_011069.2	
Arhgef18	620	1.30	0.31	NM_133962.3	
scl000710.1_2295	49	1.30	0.42		
2900045G02Rik	163	1.30	0.22	AK013646	
D130027A21Rik	683	1.30	0.09	AK051268	
Rab14	2651	1.30	0.18	AK013410	
2900037O03Rik	673	1.30	0.54		
Dph2	2020	1.30	0.20		
D15Mit260	337	1.30	0.14	XM_354923.1	
Kcnj10	48	1.30	0.39	NM_020269.3	
Selenbp2	1114	1.30	0.30	NM_019414	
Lypla2	21937	1.30	0.14	NM_011942.1	
Sult2b1	567	1.30	0.61	NM_017465.1	
Hdgrp2	3978	1.30	0.12	NM_008233.1	
Bxdc2	8907	1.30	0.23		
Lhx5	333	1.30	0.45	NM_008499.2	
Arhgef19	368	1.30	0.29	NM_172520.1	
Cidea	550	1.30	0.38	NM_007702.1	
EG668668	31214	1.30	0.42		
Prss25	831	1.30	0.19	NM_019752.2	
Suox	171	1.30	0.20	NM_173733.2	
4930527D15Rik	1187	1.30	0.23	NM_026350.1	
Sumo2	6978	1.30	0.18	NM_133354	
9830148G24Rik	397	1.30	0.29	AK036671	
5730594E01Rik	253	1.30	0.18	AK077748	
Nmt1	11143	1.30	0.26	NM_008707.2	
Cebpb	5026	1.30	0.66	NM_009883.1	
Ppapdc3	67	1.30	0.39		
Rbm19	935	1.30	0.14	NM_028762.1	
LOC233771	79	1.30	0.18	XM_150006.2	
Cops8	1894	1.30	0.25	NM_133805.2	
8430408G22Rik	66	1.30	0.12	NM_145980.1	
Zfp692	443	1.30	0.36		
1810043G02Rik	236	1.30	0.26	NM_026431	
S100a4	49	1.30	0.72	NM_011311.1	
2310061I09Rik	1203	1.30	0.55	XM_129811.2	
Grina	13057	1.30	0.23	NM_023168.2	
4631423F02Rik	40	1.30	0.34	XM_129928.2	
Ahrr	53	1.30	0.66	NM_009644.1	
Pcbp1	9777	1.30	0.35	NM_011865.2	
Galnt9	942	1.30	0.16	NM_198306	
Btn1a1	40	1.30	0.35	NM_013483.1	
Bard1	118	1.30	0.23	NM_007525.1	
BC024683	189	1.30	0.21	XM_130930	
2310020H20Rik	4743	1.30	0.38	NM_025526.1	
LOC380712	47	1.30	0.18	XM_354627.1	
Atp6v1c2	436	1.30	0.08	NM_133699	
Ppm1m	364	1.30	0.42		
Mrgprg	94	1.30	0.20	NM_203492.1	
Uba52	53666	1.30	0.03	NM_019883	
Hes1	645	1.30	0.37	NM_008235.2	

2310009N05Rik	1541	1.30	0.20	NM_025861.1	
Tbx1	378	1.30	0.28	XM_148338.1	
Tap1	96	1.30	0.36	NM_013683.1	
Blmh	393	1.30	0.21	NM_178645.1	
4732497O03Rik	446	1.30	0.22	NM_144826.2	
Psmc9	400	1.30	0.24	NM_026000.1	
Olfr1043	43	1.30	0.22		
Dullard	1315	1.30	0.48	NM_026017.1	
C130036G08	7634	1.30	0.05	NM_177735.3	
BC022224	413	1.30	0.67	NM_177564.2	
Dhdh2	1072	1.30	0.42	XM_356065	
Ostf1	1815	1.30	0.20	NM_017375.1	
2310042L06Rik	899	1.30	0.10	NM_172428.1	
A830007N09Rik	86	1.30	0.17	AK080591	
Spats1	450	1.30	0.50	NM_027649.1	
LOC331511	221	1.30	0.01	XM_284737.2	
AW060232	1980	1.30	0.12	XM_355639	
Sec22c	394	1.30	0.25		
D1Ert396e	498	1.30	0.39	NM_021421	
Cldn4	167	1.30	0.21	NM_009903.1	
1190006E07Rik	50	1.30	0.24	NM_026879.1	
Prdx5	3443	1.30	0.44	NM_012021.1	
scl000292.1_12	559	1.30	0.26		
1110006I15Rik	5033	1.30	0.10	NM_134142.1	
2410018C17Rik	6576	1.30	0.22	NM_178390.2	
Igf2bp2	1899	1.30	0.33		
2210038L17Rik	39	1.30	0.57		
D15Wsu169e	225	1.30	0.36	NM_198420.1	
Zfp326	719	1.30	0.38	NM_018759.1	
1110017F19Rik	59	1.30	0.52		
Smad1	2145	1.29	0.58	NM_028534.1	
2810441C07Rik	39	1.29	0.58	NM_172415.2	
Nosip	302	1.29	0.44	NM_025533.1	
Rnut1	436	1.29	0.29	NM_178374.2	
B230208H17Rik	790	1.29	0.56	XM_130148.1	
Hmgn3	6125	1.29	0.29	NM_175074.1	
6530406A20Rik	116	1.29	0.68		
Aadacl1	2285	1.29	0.07		
Supv3l1	1532	1.29	0.25	NM_181423.2	
E030016N13Rik	293	1.29	0.21	AK086974	
1500005A01Rik	254	1.29	0.28	NM_033146.1	
Lin7b	61	1.29	0.09	NM_011698.1	
Rpl19	38915	1.29	0.22	NM_009078	
scl0004151.1_11	311	1.29	0.30		
Srprb	788	1.29	0.59	NM_009275.2	
D10Wsu102e	534	1.29	0.13	NM_026579.2	
Mcoln1	159	1.29	0.25	NM_053177.1	
2410104I19Rik	8702	1.29	0.39	NM_133691.1	
Lym5	622	1.29	0.22		
Lamc1	632	1.29	0.12	NM_010683	
Gba	1908	1.29	0.13	NM_008094.3	
Cno	486	1.29	0.24	NM_133724.2	
3110056O03Rik	1601	1.29	0.26	NM_175195.2	
LOC386205	81	1.29	0.38	XM_359118.1	
Zbtb9	155	1.29	0.04		
Ehd1	120	1.29	0.40	NM_010119.3	
Snx15	647	1.29	0.45	NM_026912.1	
2900092C05Rik	42	1.29	0.26	NM_028434.1	
Snx17	2216	1.29	0.15	NM_153680.1	
LOC232937	112	1.29	0.22	XM_133238.1	
Stx16	66	1.29	0.32	NM_172675.1	
Gtf2h4	894	1.29	0.10	NM_010364.1	
Psmc1	3011	1.29	0.23	NM_008947	
Il18bp	155	1.29	0.37	NM_010531.1	
Twist1	326	1.29	0.34	NM_011658.1	
AU022252	954	1.29	0.38		
Sgta	263	1.29	0.02	NM_024499.1	
D5Bwg0834e	2307	1.29	0.18	NM_144819	

Furin	1257	1.29	0.67	NM_011046.1	
2310020H19Rik	4385	1.29	0.57	NM_025525	
9430043O10Rik	175	1.29	0.46	AK034826	
Stx6	350	1.29	0.17	NM_021433.2	
Gtf3a	2738	1.29	0.37	NM_025652.1	
Plod3	3429	1.29	0.12	NM_011962.2	
D2Bwg1423e	512	1.29	0.43		
Mrpl37	1616	1.29	0.42	NM_025500.1	
3222401M22Rik	42	1.29	0.65	XM_129814.4	
1700013A01Rik	680	1.29	0.28	AK005934	
2500002K03Rik	238	1.29	0.31	NM_172733.1	
1110032N12Rik	2908	1.29	0.05	NM_026824.2	
Mett11d1	277	1.29	0.29		
Cdca5	258	1.29	0.34	NM_026410.1	
Ebna1bp2	965	1.29	0.44	NM_026932.2	
LOC383872	71	1.29	0.22	XM_357303.1	
5930412G12Rik	297	1.29	0.10		
Dlgap4	100	1.29	0.49	NM_146128	
Arbp	394	1.29	0.33	NM_007475.2	
B130053I10Rik	3478	1.29	0.26	AK045266	
Cdca4	1877	1.29	0.14	NM_028023.3	
Sec14I2	78	1.29	0.14	NM_144520.1	
Kctd15	682	1.29	0.35	NM_146188.1	
Ccl25	258	1.29	0.06	NM_009138.1	
D6Wsu116e	62	1.29	0.38	NM_026585.1	
Eif2b2	1588	1.29	0.31	NM_145445.2	
Atoh8	53	1.29	0.86	NM_153778.2	
Apod	54	1.29	0.73	NM_007470.1	
Cd9	2743	1.29	0.22	NM_007657.2	
1010001D01Rik	42	1.29	0.22	NM_133186.1	
Irf3	2029	1.29	0.13	NM_016849.2	
2310022K01Rik	359	1.29	0.15	AK009476	
1110034A24Rik	501	1.29	0.10	NM_027269.2	
4732467B22	294	1.29	0.14	NM_177822.2	
2010007L18Rik	155	1.29	0.47	XM_134478.2	
St14	409	1.29	0.15	NM_011176.3	
Sumo1	7671	1.29	0.14	NM_009460	
Abhd8	922	1.29	0.37	NM_022419.1	
Zdhhc16	792	1.29	0.20	NM_023740	
Gfod1	174	1.29	0.21		
2400001E08Rik	1254	1.29	0.46	NM_025605.1	
Arid5a	131	1.29	0.25	NM_145996	
Ddost	4007	1.29	0.19	NM_007838.2	
LOC114601	137	1.29	0.47	NM_053252.1	
LOC385647	85	1.29	0.05	XM_358838.1	
Sif1	55978	1.29	0.07		
G430008M12Rik	49	1.29	0.07	AK089939	
Trpt1	216	1.29	0.36		
3110054C06Rik	2004	1.29	0.22		
2310037P21Rik	111	1.29	0.32	NM_001002267	
6230401O10Rik	94	1.29	0.84	XM_133159.4	
Olfir550	54	1.29	0.64	NM_147104.1	
scl000025.1_30_F	57	1.29	0.56		
BC037651	441	1.29	0.22	NM_173741.2	
Ncbp2	746	1.29	0.19	NM_026554.2	
Psmc2	11324	1.29	0.12	NM_011188.1	
Slc9a3r2	193	1.29	0.40	NM_023055	
1810047K05Rik	70	1.29	0.46	AK007812	
AL024069	168	1.29	0.20	XM_129912.3	
2810037C03Rik	3497	1.29	0.39	NM_024240.3	
Exosc4	1479	1.29	0.10	NM_175399.2	
Dhx9	110	1.29	0.22	NM_007842.1	
Pak4	2038	1.29	0.10	NM_027470.2	
6330437B22Rik	553	1.29	0.18	AK031868	
IGKV4-62_AJ2312	44	1.29	0.19		
Dhx16	94	1.29	0.36	NM_026987.1	
9130221H12Rik	394	1.29	0.15	XM_149899.1	
LOC270599	39	1.29	0.16	XM_195205.3	

B230217C12Rik	78	1.29	0.63	AK035650	
Nol1	783	1.29	0.22	NM_138747.1	
Zfyve20	835	1.29	0.31	NM_030081.2	
Slc39a1	48	1.29	0.37	NM_013901	
Tmem81	151	1.28	0.21		
Mum1	4696	1.28	0.10	NM_023431.3	
OTTMUSG000000	215	1.28	0.31		
Arhgap17	393	1.28	0.13	NM_144529.1	
Gemin6	506	1.28	0.22	NM_026053	
D530018J11Rik	56	1.28	0.48	AK085212	
Prdx2	3122	1.28	0.34	NM_011563	
Pold4	338	1.28	0.35	NM_027196	
Hars2	603	1.28	0.45	NM_025314.1	
2310040G24Rik	86	1.28	0.67	XM_149767.1	
5430440L12Rik	349	1.28	0.28		
2010111I01Rik	470	1.28	0.36	XM_127387.4	
1110062M06Rik	306	1.28	0.17		
Rassf1	1356	1.28	0.26	NM_019713.2	
8430411H09Rik	148	1.28	0.29	NM_027805.1	
4432406C05Rik	312	1.28	0.17	NM_025708.1	
2810405J23Rik	291	1.28	0.24	AK012998	
Atp13a1	2860	1.28	0.32		
C330049H01Rik	2542	1.28	0.14	AK021230	
Taf11	351	1.28	0.23	NM_026836.1	
3110005G23Rik	1008	1.28	0.65		
A130049L09Rik	76	1.28	0.42		
D10Ert641e	3447	1.28	0.20	NM_025514.1	
Stoml2	107	1.28	0.35	NM_023231.2	
4931431L11Rik	1119	1.28	0.16	XM_485553	
Trp53	371	1.28	0.40	NM_011640.1	
Dusp7	739	1.28	0.13	NM_153459.1	
Zfp259	2588	1.28	0.16	NM_011752.1	
Ndufv1	10502	1.28	0.32	NM_133666.1	
Ehd3	209	1.28	0.31	NM_020578.1	
2310011J03Rik	360	1.28	0.36	NM_025521.2	
Al662250	638	1.28	0.38	NM_178926.2	
Supt5h	2507	1.28	0.40	NM_013676.1	
2810418N01Rik	740	1.28	0.38	XM_130416.3	
0610031J06Rik	1218	1.28	0.32	NM_020003.1	
Pelp1	400	1.28	0.17		
Bace2	168	1.28	0.47	NM_019517.2	
Np15	53	1.28	0.72	NM_019435.2	
A830080H07Rik	1015	1.28	0.21		
Ninj2	42	1.28	0.37	NM_016718.1	
ldh2	3523	1.28	0.18	NM_173011.1	
Tsn	280	1.28	0.19	AK011220	
D130049O21Rik	1037	1.28	0.14	NM_198632.1	
Cgn	219	1.28	0.26	XM_131052.4	
Nadsyn1	87	1.28	0.10		
LOC245668	320	1.28	0.11	XM_142236.4	
Usp18	695	1.28	0.04	NM_011909.1	
Abcc5	213	1.28	0.13	NM_013790	
Klk11	1405	1.28	0.47	NM_010640.1	
Sh3gl1	493	1.28	0.04	NM_013664.1	
2810423O19Rik	1149	1.28	0.04	NM_198931.1	
Fbxo31	586	1.28	0.27	NM_133765.2	
Rft1	62	1.28	0.11		
Hdac5	1053	1.28	0.25	NM_010412.2	
Rshl2	708	1.28	0.26	NM_025789.2	
Siat9	373	1.28	0.19	NM_011375.1	
Mif4gd	358	1.28	0.03		
LOC547343	578	1.28	0.15		
5730494M16Rik	234	1.28	0.06	XM_203706.2	
Spock2	561	1.28	0.50	NM_052994.2	
4933417E08Rik	344	1.28	0.08	AK077171	
A730032D07Rik	1852	1.28	0.27	XM_194983.2	
LOC227393	516	1.28	0.30	XM_129965.3	
1500001L03Rik	335	1.28	0.22	AK005096	



LOC382016	3440	1.28	0.08	XM_356085.1	
LOC383439	68	1.28	0.28	XM_357056.1	
5630401D06Rik	1870	1.28	0.30		
1810063P04Rik	316	1.28	0.31	NM_024440.1	
AA409316	351	1.28	0.23	NM_134087.1	
AI987944	81	1.28	0.31	NM_183167.1	
5730528L13Rik	702	1.28	0.28	NM_028137.1	
Wdr8	470	1.28	0.30	NM_021499.1	
9830107H15Rik	37	1.28	0.68	AK036432	
Mylpf	114	1.28	0.21	NM_016754.3	
Lrp10	9488	1.28	0.07	NM_022993.2	
Lrrc59	4317	1.28	0.24		
Ilvbl	509	1.28	0.12	BC056459	
Aup1	1278	1.28	0.43	NM_007517	
Ddx25	1704	1.28	0.39	NM_013932.2	
Qrsl1	3335	1.28	0.06	XM_125586.2	
Fhl1	3076	1.28	0.23	NM_010211.1	
Tlcd1	372	1.28	0.10		
LOC216375	51	1.28	0.50	XM_147455.1	
EG546166	64	1.28	0.25		
Gm773	4249	1.28	0.22		
Prom1	43	1.28	0.33	NM_008935	
E130012A19Rik	710	1.28	0.31	NM_175332.2	
LOC381038	3471	1.28	0.25	XM_354952.1	
Gcdh	213	1.28	0.28	NM_008097.1	
Cog3	178	1.28	0.10	NM_177381	
Nefm	1284	1.28	0.23		
AI790205	609	1.28	0.27	NM_178760.2	
4.93343E+26	97	1.28	0.07		
Tmem108	998	1.28	0.39		
H2afj	1051	1.28	0.25		
Sfpq	5528	1.28	0.12	NM_023603.1	
Ppid	9827	1.28	0.09	NM_026352.2	
3010003L21Rik	589	1.28	0.16	NM_175404.2	
1700020C11Rik	78	1.28	0.14	NM_026443.2	
BC003885	1965	1.28	0.26	NM_198609	
LOC381889	355	1.28	0.69	XM_358671.1	
Xrcc2	154	1.28	0.09	AK085093	
Laptm4a	2276	1.28	0.42	NM_008640.1	
Arv1	404	1.28	0.13		
A130038H09Rik	51	1.28	0.19		
6230424B18Rik	49	1.28	0.61	AK020089	
Sgne1	3934	1.28	0.42	NM_009162.2	
5430428G01Rik	1365	1.28	0.60	NM_024178.1	
B130038J23Rik	47	1.28	0.55	AK045128	
AI595366	48	1.27	0.18		
Cdh1	35	1.27	0.59	NM_009864.1	
Dscr1l2	2454	1.27	0.27	NM_022980.2	
Atp1b1	12595	1.27	0.14	NM_009721.2	
2810003O05Rik	57	1.27	0.35	AK053297	
Rela	2503	1.27	0.13	NM_009045.2	
6820416H03Rik	185	1.27	0.37	AK078494	
LOC278188	75	1.27	0.39	XM_204410.2	
2410008J05Rik	693	1.27	0.78	NM_153776.1	
Gpr172b	397	1.27	0.19	NM_029643.2	
Shf	447	1.27	0.16		
scl0003389.1_16	291	1.27	0.22		
Tex261	1791	1.27	0.10	NM_009357.1	
2810430B18Rik	171	1.27	0.26	AK013201	
Rad9b	355	1.27	0.23	NM_144912.1	
Stk11	1121	1.27	0.19	NM_011492.1	
Ei24	1789	1.27	0.12	NM_007915	
Dguok	496	1.27	0.25	NM_013764.1	
LOC236954	78	1.27	0.35	XM_142052.1	
D330008I21Rik	402	1.27	0.22	AK052205	
2610024G14Rik	3551	1.27	0.19	NM_019836	
LOC223594	4468	1.27	0.02	XM_128085.2	
Mif1	528	1.27	0.52	NM_010801.1	

Pwvp2	150	1.27	0.22	XM_133936	
4432409B16	718	1.27	0.11	XM_111232.4	
Pcbp4	11204	1.27	0.07	NM_021567.2	
D2ErtD750e	362	1.27	0.33	NM_026412.1	
Prnpip1	670	1.27	0.27	NM_080469.2	
Mif	38407	1.27	0.15	NM_010798.1	
Tkt	633	1.27	0.25	NM_009388.2	
Espn	2750	1.27	0.43	NM_019585.2	
2610031L17Rik	1743	1.27	0.08	NM_133701.1	
Asb6	192	1.27	0.09	NM_133346.1	
Fars2	1065	1.27	0.19		
2900016D05Rik	204	1.27	0.07	NM_028381.1	
E130307D12	358	1.27	0.12	XM_128715.5	
2700084L22Rik	669	1.27	0.21	NM_026024.1	
BQ952480	203	1.27	0.14		
Rbmx2	94	1.27	0.37	NM_173376.1	
Nfkb1	646	1.27	0.30	NM_008689.1	
Dusp22	125	1.27	0.06	NM_134068.1	
BC003277	2950	1.27	0.12	NM_145402.2	
Max	2127	1.27	0.47	NM_008558	
2600009E05Rik	4064	1.27	0.35	XM_485067	
Lmnb1	1345	1.27	0.08	NM_010721	
0610009O03Rik	1906	1.27	0.14	NM_026660.2	
Bxdc1	1320	1.27	0.28	NM_023323.2	
Pgf	103	1.27	0.43	NM_008827.2	
1200002M06Rik	247	1.27	0.23	NM_027873.1	
A430006M23Rik	88	1.27	0.28	AK079675	
Zfp179	59	1.27	0.66	NM_009548.2	
AW146242	2466	1.27	0.19	NM_146168.1	
1700088E04Rik	1585	1.27	0.53	NM_138581.1	
9330140N01Rik	62	1.27	0.08	AK034014	
Emd	652	1.27	0.59	NM_007927.1	
Necap2	979	1.27	0.21		
B230308N11Rik	594	1.27	0.33		
AU067695	1058	1.27	0.30	NM_199033.1	
mtDNA_ND3	43	1.27	0.70		
LOC241262	35	1.27	0.48	XM_140847.2	
E330036I19Rik	940	1.27	0.21	NM_144915.2	
AI326906	1496	1.27	0.19	NM_153570.2	
Timm8a1	8522	1.27	0.14		
Bitbd14b	82	1.27	0.31	NM_025788.2	
Eif4ebp2	676	1.27	1.06	NM_010124.1	
2310022M17Rik	582	1.27	0.08	XM_126071.2	
Polr3g	122	1.27	0.25	XM_283153	
2610209M04Rik	218	1.27	0.32	NM_025665.1	
Plekhm2	6316	1.27	0.15	XM_204109.2	
LOC385256	161	1.27	0.32	XM_358153.1	
C630028F04Rik	44	1.27	0.30	NM_172885.1	
1700034H14Rik	934	1.27	0.25	NM_025969.1	
Mcm5	8592	1.27	0.02	NM_008566.1	
Rxb	1191	1.27	0.02	NM_011306.2	
1700013L23Rik	240	1.27	0.25	XM_130127.3	
Smad3	619	1.27	0.29	NM_016769	
Pts	809	1.27	0.17	NM_011220.2	
Yipf3	1652	1.27	0.31		
Sirt4	336	1.27	0.17	XM_485674	
Gm166	89	1.27	0.16		
B230210A04Rik	194	1.27	0.24	AK045553	
Tm4sf1	65	1.27	0.49	NM_008536.2	
4632404H12Rik	196	1.27	0.11	NM_028726.1	
Mrpl10	5234	1.27	0.19	NM_026154.1	
LOC194055	57	1.27	0.76	XM_111824.2	
BC006662	218	1.27	0.33	NM_145466	
D930008G03Rik	148	1.27	0.30	AK052985	
1810021J13Rik	211	1.27	0.37	NM_025464.2	
LOC242377	87	1.27	0.37	XM_143698.1	
Exoc8	2916	1.27	0.12	NM_198103.1	
Uchl5	1841	1.27	0.25	NM_019562.1	

Pdlim7	897	1.27	0.08	NM_026131	
Slc7a4	493	1.27	0.30	NM_144852	
BC016188	1407	1.27	0.23	NM_145970.1	
1810010N17Rik	230	1.27	0.34	NM_025455.1	
L3mbtl2	587	1.27	0.31	NM_145993.2	
0610038F07Rik	760	1.27	0.23	NM_025333.2	
Lias	1684	1.27	0.32	NM_024471.2	
Slc6a6	2967	1.27	0.58	AK041141	
Dpysl2	1556	1.27	0.20	NM_009955.2	
AK129128	145	1.27	0.34		
Hccs	227	1.27	0.13	NM_008222.2	
5730552E08Rik	113	1.27	0.56	AK017831	
Brp17	342	1.27	0.09	NM_025580.1	
A630072J24Rik	156	1.27	0.11	AK042224	
Hnf4a	68	1.27	0.17	NM_008261.2	
lkbke	62	1.27	0.38		
MTERF	1043	1.27	0.13	NM_172135.1	
9930104L06Rik	70	1.27	0.21	NM_177573.2	
ARP2	93	1.27	0.14	AK033014	
Spata5l1	171	1.27	0.26	XM_141336.2	
Ephx1	3370	1.27	0.19	NM_010145.2	
1110038G02Rik	450	1.27	0.11	AK004156	
Surf2	1188	1.27	0.25	NM_013678.1	
Lasp1	3414	1.27	0.23	NM_010688.2	
LOC382902	1684	1.27	0.20	XM_356743.1	
BC043098	900	1.27	0.33	NM_174997.1	
LOC231903	237	1.27	0.07	XM_149717.2	
Trrp2	248	1.27	0.19	AK018463	
5830404H04Rik	1156	1.27	0.21	NM_174847.1	
Myd116	1091	1.27	0.33	NM_008654.1	
Mthfs	85	1.27	0.30	NM_026829.1	
F630043A04Rik	318	1.27	0.20	NM_198605.1	
LOC242525	57	1.27	0.23	XM_143897.4	
1810054O13Rik	1442	1.27	0.34	NM_026436.1	
B430110G05Rik	1481	1.27	0.35	NM_178696.2	
Tmem17	292	1.27	0.20	NM_153596.1	
Comt	2658	1.27	0.28	XM_147265.1	
Msi2h	493	1.27	0.10	AK051269	
D17Wsu92e	1845	1.27	0.14	XM_128587	
Sip1	181	1.27	0.04	NM_025656.1	
2410001C21Rik	1188	1.27	0.08	NM_025542.1	
BC003940	4298	1.27	0.17	XM_203523.2	
Eln	1032	1.27	0.27	NM_007925.2	
Cdc37l1	697	1.27	0.17		
D930011H02Rik	48	1.26	0.14	AK053005	
Thumpd1	2272	1.26	0.02	NM_145585.1	
Fen1	2513	1.26	0.31	NM_007999.2	
Taf1a	435	1.26	0.07	NM_021466.1	
1700013D24Rik	140	1.26	0.22	XM_149793.2	
Al464131	168	1.26	0.21	XM_283952.2	
9530049G18Rik	42	1.26	0.39	AK035443	
C230090D14	390	1.26	0.02	NM_173019.2	
E230008N13Rik	81	1.26	0.35	NM_198660.1	
D930046M13Rik	117	1.26	0.16		
D430023I21Rik	149	1.26	0.25	AK085008	
4933406N12Rik	41	1.26	0.19	NM_028937.1	
Oxnad1	65	1.26	0.63		
LOC380634	1158	1.26	0.11	XM_354540.1	
Raly	2101	1.26	0.31	NM_023130.1	
LOC329575	430	1.26	0.12		
Pcoln3	285	1.26	0.50	NM_145606.1	
Mrpl50	3852	1.26	0.20	NM_178603.2	
Med25	6540	1.26	0.26		
Fbxo36	215	1.26	0.38	NM_025386.1	
Letm1	383	1.26	0.11	NM_019694.1	
Rai16	637	1.26	0.30	XM_139129	
Pcsk7	610	1.26	0.12	NM_008794.1	
Fbxl19	222	1.26	0.14	NM_172748	

Pik3r1	677	1.26	0.28	NM_011085.1	
1200015A19Rik	2391	1.26	0.26	NM_026388.1	
Nupl2	1169	1.26	0.13	NM_153092	
Unc93b1	253	1.26	0.49		
Leng5	2099	1.26	0.45	NM_024168.1	
Btg3	120	1.26	0.16	AK078652	
AA960436	381	1.26	0.12	NM_133954.1	
EG625054	33286	1.26	0.14		
H2-Ke6	2544	1.26	0.18	NM_013543.1	
MJ-6000-172_382	53	1.26	0.12		
Hist2h3c1	1885	1.26	0.22	NM_019469	
Mrgpra2	113	1.26	0.11	NM_153101	
5031412I06Rik	344	1.26	0.23	XM_147346.1	
2900006A08Rik	280	1.26	0.37		
Hist1h2bc	84	1.26	0.19	NM_023422.1	
1700019E19Rik	643	1.26	0.31	NM_029601.1	
Itpkc	704	1.26	0.32	NM_181593.2	
Rbm15	748	1.26	0.13	XM_131139.4	
2010004B12Rik	380	1.26	0.23	XM_132400.1	
6030458B15Rik	66	1.26	0.22	AK031596	
Zdhhc4	1515	1.26	0.03	NM_028379.1	
BC025519	993	1.26	0.55	XM_110101.3	
Grwd1	1127	1.26	0.23	NM_153419.1	
Itp2	100	1.26	0.31	NM_019923.2	
Hist2h2be	97	1.26	0.12	NM_178214.1	
Midn	1955	1.26	0.10	NM_021565.1	
6720485C15Rik	6797	1.26	0.15	NM_026551.2	
BC013667	231	1.26	0.14	NM_172266.1	
0610039J04Rik	1034	1.26	0.38	XM_134310.1	
Slc9a3r1	737	1.26	0.65	NM_012030.1	
Rem2	755	1.26	0.50	NM_080726.2	
Ifngr2	642	1.26	0.11	NM_008338.2	
Echs1	1588	1.26	0.36	NM_053119.1	
mtDNA_ND6	40	1.26	1.00		
Rnf126	521	1.26	0.57	NM_144528.1	
Plekhg5	827	1.26	0.58		
Cox18	2153	1.26	0.16		
Ccdc5	1205	1.26	0.09	NM_146089.1	
Pomc1	70287	1.26	0.19	NM_008895.2	
Tbl3	157	1.26	0.49	NM_145396.3	
Sgsh	55	1.26	0.19	NM_018822	
Gm1821	49204	1.26	0.18		
Tmem50a	2139	1.26	0.23		
Fbxo6b	3162	1.26	0.17	NM_015797.1	
Rage	243	1.26	0.20	NM_011973	
Sipa111	3055	1.26	0.16	NM_172579.1	
Snrp70	633	1.26	0.15	NM_009224.2	
Hcn3	223	1.26	0.33	NM_008227.1	
Actr10	3048	1.26	0.26	NM_019785.1	
Entpd6	393	1.26	0.15	NM_172117	
OTTMUSG000000	73	1.26	0.23		
Rbm9	431	1.26	0.27	NM_053104.3	
Rfc2	4616	1.26	0.11	NM_020022	
H2-M3	736	1.26	0.28	NM_013819.1	
Gnb2	5435	1.26	0.45	NM_010312.3	
scl0003955.1_3	50	1.26	0.35		
Apex1	1477	1.26	0.23	NM_009687	
1200003C05Rik	3199	1.26	0.27	NM_024205.1	
Mrpl16	457	1.26	0.14	NM_025606.2	
Nudt6	208	1.26	0.22	NM_153561.1	
Khdrbs3	254	1.26	0.09	NM_010158.1	
Itpka	83	1.26	0.17	NM_146125.1	
Gm1943	237	1.26	0.16		
Sipa1I2	282	1.26	0.15	XM_146572.4	
Galnt10	469	1.26	0.22	NM_134189.2	
Pole3	640	1.26	0.16	NM_021498	
2600014C01Rik	195	1.26	0.17	AK011206	
Trex1	43	1.26	0.37	NM_011637.4	

1190002J23Rik	388	1.26	0.43	XM_287054.2	
Mtrf1l	369	1.26	0.10	NM_175374.2	
Tle6	4512	1.26	0.24	NM_053254.1	
Sfrs5	4654	1.26	0.12	NM_009159	
Daxx	843	1.26	0.42	NM_007829.1	
A630055I06Rik	99	1.26	0.41	AK042066	
Loh12cr1	242	1.26	0.14	NM_026371.2	
1700120B06Rik	109	1.26	0.10		
Osgep	1731	1.26	0.13	NM_133676.1	
Fgf1	79	1.26	0.18	NM_010197.2	
Gm237	184	1.26	0.20		
9130227C08Rik	2982	1.26	0.44	NM_027143	
Pde6d	2303	1.26	0.50	NM_008801.2	
Rps6ka4	239	1.26	0.12	NM_019924.1	
Mad1l1	131	1.26	0.17	AK040246	
C330023F11Rik	2656	1.26	0.06	NM_178653.2	
Fgf21	25773	1.26	0.28	NM_020013.2	
Eef1b2	7505	1.26	0.51	NM_018796.2	
Alg1	621	1.26	0.36	NM_145362	
9330171D12Rik	102	1.26	0.17	AK034275	
9626958_317	26205	1.26	0.25		
BC061259	327	1.26	0.17	NM_198424.1	
Dctn5	2648	1.26	0.14	NM_021608.2	
A530065E19Rik	575	1.26	0.15	NM_145433	
Hspa5bp1	719	1.26	0.27	NM_133804.1	
LOC381891	1545	1.26	0.63	XM_355907.1	
Atp6v1e1	11661	1.26	0.34	NM_007510	
B4galt7	124	1.25	0.19	NM_146045.1	
Tinagl	44	1.25	0.16		
Mapre3	55	1.25	1.01	NM_133350.1	
Mga	116	1.25	0.21	NM_013720	
Rbm8	249	1.25	0.10	NM_025875.1	
Abcd4	79	1.25	0.20	NM_008992.1	
Ica1	497	1.25	0.09	NM_010492.2	
Rasd2	52	1.25	0.54	XM_204287.3	
Osbpl1a	223	1.25	0.28	AK050641	
Acaa2	315	1.25	0.16	NM_177470	
1110014D18Rik	404	1.25	0.24	NM_026746.1	
4930451G09Rik	55	1.25	0.56	XM_148108.3	
2210418H06Rik	215	1.25	0.28		
Npm1	8518	1.25	0.05	NM_008722	
1700030K09Rik	507	1.25	0.24	NM_028170.1	
Psca	50	1.25	0.13	NM_028216.1	
Plrg1	7011	1.25	0.22	NM_016784.2	
Nup62	7680	1.25	0.11	NM_053074.1	
5730458D16Rik	57	1.25	0.25	NM_177609	
Rnf25	423	1.25	0.05	NM_021313.1	
Mmp17	1725	1.25	0.35	NM_011846	
Chst8	2876	1.25	0.05	NM_175140.3	
LOC238836	21029	1.25	0.23	XM_138832.1	
Mgat5	68	1.25	0.09	NM_145128.2	
Rer1	672	1.25	0.26		
Fem1b	3460	1.25	0.22	NM_010193.3	
2610312F20Rik	339	1.25	0.28		
LOC385172	59	1.25	0.27	XM_358101.1	
H2-Q8	47	1.25	0.34	NM_023124	
Tnk2	840	1.25	0.50	NM_016788	
9430014F16Rik	102	1.25	0.25		
Nr1d1	234	1.25	0.48	NM_145434.1	
4732481H14Rik	260	1.25	0.10	NM_172468.1	
6430573F11Rik	181	1.25	0.11	NM_176952.3	
LOC381501	879	1.25	0.54	XM_355458.1	
Adam24	48	1.25	0.50	NM_010086.2	
Elov16	590	1.25	0.42	NM_130450.1	
Tax1bp3	1384	1.25	0.21	NM_029564.1	
Tipin	1057	1.25	0.18	NM_025372	
Wrb	1695	1.25	0.10	AK084688	
0610009F02Rik	1309	1.25	0.12	NM_029508.1	

Men1	612	1.25	0.20	NM_008583.1	
Vars2l	1546	1.25	0.20	NM_175137.3	
Ext1	636	1.25	0.25	NM_010162.1	
Rent1	540	1.25	0.40	NM_030680	
8430420C20Rik	229	1.25	0.28	NM_145586.1	
Trap1	1957	1.25	0.22	NM_026508.1	
1600013P15Rik	258	1.25	0.32	NM_025907.2	
Cdk5rap1	945	1.25	0.18	NM_025876.1	
4921513D23Rik	1190	1.25	0.16		
Mxra8	286	1.25	0.24		
LOC381105	706	1.25	0.20	XM_355021.1	
Sae1	6222	1.25	0.10		
Gaa	1667	1.25	0.09	NM_008064.2	
4930544G11Rik	86	1.25	0.17	NM_026294.1	
Dmap1	1231	1.25	0.10	NM_023178.2	
Glce	906	1.25	0.15	NM_033320	
Zc3hdc8	203	1.25	0.07	NM_020594.1	
Gm1141	62	1.25	0.13		
V1rg11	53	1.25	0.57	NM_134233.1	
1810013B01Rik	206	1.25	0.38	NM_029631	
Prss8	79	1.25	0.04	NM_133351.1	
Wdr40a	52	1.25	0.46	NM_026893.2	
Sulf2	3517	1.25	0.04	XM_358343.1	
Car11	53	1.25	0.19	NM_009800.2	
Josd3	387	1.25	0.22		
Mocs3	178	1.25	0.80	XM_130596	
Adhfe1	325	1.25	0.28	NM_175236	
Rad51l3	87	1.25	0.17	NM_011235.2	
2400006N03Rik	92	1.25	0.16	XM_126152.3	
Ap1b1	2776	1.25	0.24	NM_007454	
Asrij	5162	1.25	0.20	NM_023429.2	
Samhd1	183	1.25	0.17	NM_018851.2	
3110037I16Rik	427	1.25	0.34	NM_028457.1	
B230363K08Rik	89	1.25	0.20	NM_172848.2	
Whdc1	240	1.25	0.75		
Gna15	67	1.25	0.34	NM_010304.3	
Mtg1	269	1.25	0.16		
Ian6	292	1.25	0.34	NM_153175.2	
Mpdu1	68	1.25	0.43	NM_011900.2	
Poldip2	6640	1.25	0.08	NM_026389.2	
D230007L07Rik	36	1.25	0.81	AK051835	
Ptdss2	204	1.25	0.09	AK021249	
Scly	356	1.25	0.31	NM_016717.2	
4930451I11Rik	39	1.25	0.06	NM_183131.1	
H2-T23	1167	1.25	0.23	NM_010398.1	
Zec	170	1.25	0.14	NM_170759.1	
Cnot3	314	1.25	0.66	NM_146176	
Rpo1-4	1161	1.25	0.14	AK031689	
BC027231	473	1.25	0.13	NM_145972	
8030459N02Rik	1996	1.25	0.21	AK033202	
2410187C16Rik	204	1.25	0.17	AK010831	
6330579B17Rik	1406	1.25	0.30	NM_026494.1	
col11a2	49	1.25	0.64	D38412	
Slc7a5	14686	1.25	0.47	NM_011404.2	
Mrpl39	234	1.25	0.30	NM_017404.2	
Faim	737	1.25	0.18	NM_011810.2	
Prmt5	2332	1.25	0.14		
C330006H24Rik	156	1.25	0.21	AK049137	
2310021P13Rik	347	1.25	0.45	XM_127591.4	
G3bp	3802	1.25	0.23	NM_013716	
Gapd	55289	1.25	0.20	NM_008084.1	
Phf13	1260	1.25	0.22	NM_172705.1	
2510008P16Rik	216	1.25	0.16	AK010939	
Apeh	3470	1.25	0.22	NM_146226.1	
Gstp2	20481	1.25	0.43		
Fbxl15	538	1.25	0.48	NM_133694	
Pafah1b1	433	1.25	0.31	NM_013625.1	
Adprhl2	168	1.25	0.12	NM_133883.1	

Aplp2	6392	1.25	0.15	NM_009691.1	
5330410G16Rik	186	1.25	0.42	NM_182991.1	
Armc7	94	1.25	0.31	NM_177778.3	
B3galt1	39	1.25	0.42	NM_020283.1	
Arfp2	1196	1.25	0.21	NM_029802.2	
Ela1	91	1.25	0.25	NM_033612.1	
Orc6l	3112	1.25	0.33	NM_019716.1	
Tsga14	667	1.25	0.20	AK019270	
LOC329092	55	1.25	0.68	XM_286959.1	
Utp14a	142	1.25	0.40	XM_135857.4	
Ptpv	992	1.25	0.14	NM_007955.2	
Hyal2	3145	1.25	0.12	NM_010489.2	
LOC382020	15823	1.25	0.28	XM_356090.1	
Kif5c	2888	1.25	0.38	NM_008449.2	
Ppp1r3c	2416	1.25	0.19	NM_016854.1	
Endog	39	1.25	0.16	NM_007931.1	
Cdr2	3264	1.25	0.32	NM_007672.1	
Gorasp1	375	1.24	0.15	NM_028976	
4930572F24Rik	42	1.24	0.48	AK019808	
5730407K14Rik	156	1.24	0.45	XM_355366.1	
A630049A05Rik	448	1.24	0.10	AK041962	
Uqcrc2	11261	1.24	0.15	NM_025899.1	
Mgat3	142	1.24	0.33	NM_010795.2	
Ddx47	2342	1.24	0.05	NM_026360.1	
Gm631	1160	1.24	0.13	NM_199310.1	
Gpc1	9204	1.24	0.37	NM_016696.1	
4931431C02Rik	2367	1.24	0.37	XM_486200	
2310022B05Rik	6144	1.24	0.43	NM_175149.3	
Ubap1	623	1.24	0.17	NM_023305	
Arrb2	440	1.24	0.70	NM_145429.1	
Rnf127	89	1.24	0.14	XM_135829.1	
2010005E20Rik	55	1.24	0.29	AK008118	
1700012F10Rik	733	1.24	0.22	AK005902	
H2afx	943	1.24	0.76	NM_010436.2	
Bcl2l2	580	1.24	0.34	AK013244	
2900019M05Rik	1640	1.24	0.17		
2310002B06Rik	1210	1.24	0.11	NM_181649	
LOC276809	556	1.24	0.34	XM_204567.2	
Ubap2l	1118	1.24	0.42	NM_028475.1	
5730494J16Rik	153	1.24	0.30	AK077637	
AA517739	137	1.24	0.13	XM_484570	
Cd8b	1944	1.24	0.17	NM_009858.1	
1810006K23Rik	652	1.24	0.37		
4930406P12Rik	49	1.24	0.21	AK015109	
Pnpo	483	1.24	0.04		
Mcf2	1082	1.24	0.17	NM_176808.2	
BC025833	301	1.24	0.46	NM_145987.1	
Zfp263	2547	1.24	0.08	NM_148924.2	
Tnfaip1	6583	1.24	0.05	NM_009395.2	
Oraov1	1200	1.24	0.13	NM_028184.2	
Olfml3	180	1.24	0.64	NM_133859.1	
Nup37	313	1.24	0.27	NM_028334.1	
Xpnpep1	1747	1.24	0.08	NM_133216.2	
Hist2h3b	6506	1.24	0.33	NM_178215	
D630042P16Rik	533	1.24	0.25	NM_175525.2	
C530044C16Rik	423	1.24	0.17		
Thap7	2103	1.24	0.49	NM_026909.1	
Vdac3	2348	1.24	0.17	NM_011696.1	
Plod1	361	1.24	0.56	NM_011122.1	
Pex11c	56	1.24	0.49	NM_026951	
Tgfb3	66	1.24	0.37	NM_009368.1	
Rheb1	623	1.24	0.22	NM_026967.3	
Vkorc1l1	1004	1.24	0.26	NM_027121.2	
Nubp1	1808	1.24	0.23	AK020876	
Nef3	573	1.24	0.14	NM_008691	
Akr1b3	1138	1.24	0.19	NM_009658.2	
Sh3bp2	396	1.24	0.10	NM_011893	
LOC385086	41772	1.24	0.12	XM_358044.1	

Pgam5	6765	1.24	0.26		
Clns1a	2585	1.24	0.16	NM_023671.1	
D630040I23Rik	1419	1.24	0.22		
AW822216	272	1.24	0.29	NM_178884	
3110001P07Rik	3710	1.24	0.09	AK013971	
Ubqln1	1278	1.24	0.32	NM_152234.1	
LOC382585	432	1.24	0.15	XM_356580.1	
LOC223653	196	1.24	0.04	XM_147965.2	
Acate3	685	1.24	0.15	NM_022816.1	
scl0003161.1_42	36	1.24	0.90		
Acads	820	1.24	0.20	NM_007383.2	
Hat1	15415	1.24	0.15	NM_026115.2	
EG433923	7927	1.24	0.29		
AI553587	201	1.24	0.39	NM_178909.3	
Nrarp	466	1.24	0.19	NM_025980.1	
Pcsk1n	544	1.24	0.66	NM_013892	
AA415398	325	1.24	0.10		
Gtf2f1	703	1.24	0.13	NM_133801.1	
Rhot2	748	1.24	0.12	NM_145999.2	
B230208J24Rik	67	1.24	0.52	NM_145356.2	
Fah	1444	1.24	0.02	NM_010176.1	
Scarb2	1622	1.24	0.05	NM_007644.2	
1500041B16Rik	327	1.24	0.24	XM_354599.1	
2810008M24Rik	1046	1.24	0.34		
LOC385679	95	1.24	0.58	XM_358909.1	
4930553M18Rik	152	1.24	0.18	NM_026541	
Rhbdl2	1157	1.24	0.13		
Cnn3	399	1.24	0.16	NM_028044.1	
Gpr44	245	1.24	0.47	NM_009962.2	
6330565B04Rik	44	1.24	0.55	XM_129826.1	
Gpsn2	3035	1.24	0.47	NM_134118.1	
Gpr103	49	1.24	0.79	NM_198192.1	
Atp10d	113	1.24	0.27	NM_153389.2	
4932418E24Rik	37	1.24	0.59	NM_177841.2	
Skb1	1970	1.24	0.08	NM_013768.1	
LOC213948	225	1.24	0.24	XM_149596.3	
Zfp639	2221	1.24	0.14	NM_144519	
Pak1ip1	87	1.24	0.34	NM_026550.1	
A630032J15Rik	69	1.24	0.27	AK041725	
2810422J05Rik	176	1.24	0.17	XM_284425.1	
Mlit11	2884	1.24	0.05		
5630401D24Rik	392	1.24	0.12	NM_144877.1	
Actl6	143	1.24	0.61	NM_031404.3	
Sars	1463	1.24	0.02		
Alkbh	550	1.24	0.15	XM_127049	
Syf2	1658	1.24	0.22		
D230040E23	48	1.24	0.78	NM_177908.2	
BC023055	612	1.24	0.34	NM_198108.1	
Sh3gl3	59	1.24	0.94	NM_017400.1	
Vapb	938	1.24	0.06	NM_019806.3	
B230337K13Rik	33	1.24	1.19	AK046047	
Tm4sf3	84	1.24	0.18	NM_146010.1	
BC016201	83	1.24	0.27	NM_145601.1	
Got2	5692	1.24	0.07	NM_010325	
Mrgpre	73	1.24	0.48	NM_175534.2	
Cin3	816	1.24	0.04	NM_009907.2	
C77032	5118	1.24	0.16	NM_153547.2	
Tfrc	8147	1.24	0.44	NM_011638.3	
LOC381534	89	1.24	0.07	XM_355502.1	
Ankrd25	50	1.24	0.54	NM_145611.2	
Traf4	840	1.24	0.20	NM_009423.2	
Pgk1	7132	1.24	0.08	NM_008828.1	
Mlycd	965	1.24	0.10	NM_019966.1	
Crim2	68	1.24	0.37		
BC048390	45	1.24	0.41	NM_178414.2	
Fbxo33	1578	1.24	0.03		
Krt2-8	5550	1.24	0.16	NM_031170.1	
Dcdbl1	160	1.24	0.15	NM_025705.1	



D6Mm5e	113	1.24	0.15	NM_033079.1	
LOC211895	228	1.24	0.05	XM_134161.2	
5430405G05Rik	69	1.24	0.36	XM_130642.3	
Glt8d3	262	1.24	0.09		
Nsep1	17126	1.24	0.17	NM_011732	
LOC385952	40	1.24	0.34	XM_359010.1	
4732475C15Rik	99	1.24	0.22	AK028967	
Ubf	707	1.24	0.20	NM_011551	
9930032E18Rik	180	1.24	0.14	AK036978	
mt-Nd4l	1918	1.24	0.17		
D16H22S680E	3687	1.24	0.33	XM_147173.1	
Gpr120	13265	1.23	0.08	NM_181748.1	
Luc7l	793	1.23	0.12	NM_025881.1	
Npc2	1094	1.23	0.27	NM_023409.3	
Gpi1	6023	1.23	0.11	NM_008155.1	
Mpv17l	381	1.23	0.07	NM_033564.1	
Pnpla2	5272	1.23	0.10	NM_025802	
Gtf2h2	717	1.23	0.15	NM_022011	
Nif3l1	538	1.23	0.05	NM_022988.2	
2400009B11Rik	286	1.23	0.22	NM_025886	
C630024N05Rik	236	1.23	0.16	AK083192	
Ptpn1	883	1.23	0.20	NM_011201.1	
Cdk5r1	608	1.23	0.11	NM_009871.2	
LOC218241	59	1.23	0.30	XM_138612.3	
Ccdc9	66	1.23	0.21	NM_172297.1	
LOC384344	58	1.23	0.48	XM_357591.1	
Fbxl18	210	1.23	0.26	XM_485692	
Mare	145	1.23	0.16	NM_181569	
Rusc1	240	1.23	0.34	NM_028188.1	
2310007H09Rik	376	1.23	0.62	XM_486016	
Ntan1	1653	1.23	0.23	NM_010946.2	
B230337E09Rik	150	1.23	0.16	AK046038	
Tor3a	232	1.23	0.17	NM_023141	
LOC384206	23918	1.23	0.18	XM_357488.1	
Ggcx	84	1.23	0.11	AK030779	
Smpd1	1407	1.23	0.14	NM_011421.1	
2010305A19Rik	284	1.23	0.06	NM_027250	
E030001117Rik	44	1.23	0.29	AK086790	
Tmem86b	50	1.23	0.21		
Olfir982	76	1.23	0.47	NM_146854.1	
Phgdh1	371	1.23	0.22		
Phospho1	92	1.23	0.35	NM_153104.1	
Psme1	1001	1.23	0.46	NM_011189.1	
D1Wsu40e	4815	1.23	0.39	NM_178601.2	
Stc2	1332	1.23	0.11	NM_011491	
Dot1l	595	1.23	0.27	NM_199322.1	
LOC210429	204	1.23	0.42	XM_127461.2	
Cln4-2	153	1.23	0.26	NM_011334.2	
Aven	98	1.23	0.17	NM_028844.1	
LOC384887	47	1.23	0.60	XM_357918.1	
Gltscr2	1996	1.23	0.22	NM_133831.1	
1600027N09Rik	59	1.23	0.05	XM_130743.3	
Eif3s6ip	8073	1.23	0.08	NM_145139.1	
Eif4g1	3793	1.23	0.09	XM_358318	
Nr6a1	320	1.23	0.18	NM_010264.2	
Tnfsf13	120	1.23	0.18	NM_023517.1	
Hnrph3	100	1.23	0.46		
G430064M09Rik	63	1.23	0.25	AK090023	
Mfn2	1294	1.23	0.38	NM_133201.1	
Ascc2	244	1.23	0.39		
C130032J12Rik	361	1.23	0.03	NM_178684.2	
Apba3	1584	1.23	0.30	NM_018758.1	
Slc39a13	187	1.23	0.34	XM_485038	
LOC386348	160	1.23	0.17	XM_359179.1	
Rab3d	1519	1.23	0.35	NM_031874.3	
Il1rl1l	130	1.23	0.40	NM_010744.1	
mt-Nd4	62118	1.23	0.08		
Barx2	498	1.23	0.30	NM_013800.1	

LOC245251	58476	1.23	0.14	XM_142867.2	
Nt5c3	3144	1.23	0.16	NM_026004.1	
D430028G21Rik	587	1.23	0.26	NM_144888.1	
BC026744	2335	1.23	0.13	NM_177876.2	
B3galt6	731	1.23	0.09	NM_080445.2	
2610041P08Rik	84	1.23	0.63	NM_198008.1	
Ckn1	344	1.23	0.12	NM_028042.1	
Cspg4	56	1.23	0.58	NM_139001.1	
LOC386005	1136	1.23	0.18	XM_359031.1	
Fh1	1895	1.23	0.35	NM_010209	
Jarid1b	327	1.23	0.14	NM_152895	
Itpk1	4844	1.23	0.12	NM_172584.1	
B130030F12Rik	33	1.23	1.10	AK045079	
BC022133	75	1.23	0.23	NM_144940.1	
A630067N03Rik	244	1.23	0.15	AK042186	
Zbp1	79	1.23	0.42	NM_021394.1	
C920004C08Rik	1615	1.23	0.26		
Cd81	16858	1.23	0.04	NM_133655.1	
1110014N23Rik	804	1.23	0.13	XM_283543.2	
BC021614	455	1.23	0.59	NM_144869.1	
LOC386405	2974	1.23	0.09	XM_359211.1	
Upf3a	403	1.23	0.30	XM_356061.1	
2310001A20Rik	2406	1.23	0.16	NM_027977.1	
scl000063.1_0_RE	1587	1.23	0.08		
Psm7	1529	1.23	0.11	NM_010817.1	
Cpsf4	78	1.23	0.37	NM_178576.1	
6330581N18Rik	71	1.23	0.36	NM_176915.2	
Tjp2	142	1.23	0.33	NM_011597.1	
2210418B03Rik	37	1.23	0.48	AK008972	
Eif4e	55	1.23	0.56	NM_007917	
Mapk12	346	1.23	0.17	NM_013871.2	
Cct2	145	1.23	0.15	NM_007636.1	
BC022145	47	1.23	0.24	NM_144830.1	
Snx12	327	1.23	0.10	NM_018875.1	
Srp9	1605	1.23	0.34	NM_012058	
Xkr4	59	1.23	0.24		
Kcne2	52	1.23	0.24	NM_134110.1	
Irf2bp1	1792	1.23	0.13	NM_178757.3	
Slc12a8	216	1.23	0.21	NM_134251	
Mapkap1	603	1.23	0.12	NM_177345.2	
2410131K14Rik	537	1.23	0.18	XM_485677	
9626965_214_rc	74	1.23	0.66		
1700082M22Rik	57	1.23	0.35	NM_028564.1	
Rgs12	545	1.23	0.08	NM_173402.1	
Wars	617	1.23	0.09	NM_011710.2	
A930038D23Rik	59	1.23	0.44		
1700061J05Rik	81	1.23	0.68	XM_181371.3	
Hgs	847	1.23	0.41	NM_008244.2	
Lrriq2	234	1.23	0.25	NM_028815.3	
Sumo3	2188	1.23	0.04	NM_019929.1	
Mist1	111	1.23	0.24	NM_010800.2	
lqsec2	106	1.23	0.13		
scl000559.1_47	257	1.23	0.30		
G630007B09Rik	67	1.23	0.65	AK090152	
Fkbp1a	7195	1.23	0.35	NM_008019	
Atp6v1g2	64	1.23	0.25	NM_023179.2	
Muc20	319	1.23	0.49	NM_146071	
Rad52	683	1.23	0.40	NM_011236.1	
ldb3	299	1.23	0.08	NM_008321.1	
Pdcd6ip	368	1.23	0.47	NM_011052.1	
Cab39	33	1.23	0.67	NM_133781.2	
Csnk1d	2936	1.23	0.18	NM_027874.1	
M6pr	1782	1.23	0.22	NM_010749.4	
2310002J21Rik	118	1.23	0.24		
Fbxl12	148	1.23	0.39	NM_013911.1	
0610011119Rik	228	1.23	0.38	AK002548	
Thg1l	489	1.23	0.21		
Sfxn1	9495	1.23	0.08	NM_027324.2	

Prep	1376	1.23	0.09	AK007865	
1810009O10Rik	320	1.23	0.37	NM_197989	
A930035O15Rik	66	1.23	0.28	AK020932	
Thnsl2	201	1.23	0.33		
Cyp4v3	116	1.23	0.13	NM_133969.1	
1110003E01Rik	5860	1.23	0.12	NM_133697.1	
Tmem15	1281	1.23	0.33	NM_177648.2	
B3galnt1	526	1.23	0.23		
Ckmt1	2687	1.23	0.16	AK018487	
LOC331507	3580	1.23	0.58	XM_284733.2	
4930453N24Rik	3436	1.23	0.07	XM_148353.3	
Lonp2	1016	1.23	0.39		
1110002B05Rik	4068	1.23	0.13	NM_134054.1	
1810033A06Rik	536	1.23	0.22	NM_026981.1	
2010305C02Rik	43	1.23	0.13	NM_027249	
Mrps9	6037	1.23	0.14	NM_023514.2	
Glipr1	131	1.23	0.20	NM_028608.1	
Dpp3	1871	1.22	0.13	NM_133803.1	
2310036D04Rik	235	1.22	0.52	XM_488563	
Zcchc3	101	1.22	0.20	NM_175126.3	
Myd88	768	1.22	0.11	NM_010851	
Zfp574	1410	1.22	0.16	NM_175477.2	
1500016H10Rik	862	1.22	0.16	NM_025433.2	
Eml3	287	1.22	0.17		
Palm	586	1.22	0.44	NM_023128.2	
Rae1	2184	1.22	0.23	NM_175112.2	
Refbp2	178	1.22	0.16	NM_019484	
Trit1	859	1.22	0.06	NM_025873.1	
Cdkl5	97	1.22	0.65	XM_356367.1	
Gnai2	2776	1.22	0.60	NM_008138	
LOC226416	32406	1.22	0.13	XM_129460.4	
Scamp4	3297	1.22	0.66	NM_019575.4	
A330067P21	53	1.22	0.05	XM_485305	
Zswim1	1099	1.22	0.19	NM_028028.2	
5830482G23Rik	240	1.22	0.24	NM_152822.1	
Krtap16-4	47	1.22	0.79	NM_130873.1	
AW121567	2717	1.22	0.24	NM_173446.1	
Dip2b	56	1.22	0.59		
Dlst	2127	1.22	0.17	NM_030225.3	
Stk16	147	1.22	0.17	NM_011494.2	
Bcl2l13	1272	1.22	0.15	NM_153516.1	
Efcab1	7108	1.22	0.19		
Sfrs8	46	1.22	0.36	NM_172276.1	
2610204K14Rik	249	1.22	0.23	NM_025997.1	
A630005A06Rik	150	1.22	0.14	NM_198664.1	
Rec8L1	197	1.22	0.03	NM_020002.2	
Nfe2l1	6914	1.22	0.11	NM_008686.2	
2410166I05Rik	482	1.22	0.24	NM_029759.2	
Pcdhb3	281	1.22	0.47	NM_053128.1	
Haghl	307	1.22	0.17	NM_026897	
1810061M12Rik	72	1.22	0.22	XM_135076	
Slc10a3	434	1.22	0.33	NM_145406.1	
Xab1	1801	1.22	0.30	NM_133756.2	
Zfp316	192	1.22	0.10	NM_017467.1	
Eda2r	82	1.22	0.62	NM_175540.3	
Surf4	2016	1.22	0.39	NM_011512.2	
Map3k7ip2	6196	1.22	0.07	NM_138667.1	
D130051G04Rik	71	1.22	0.46	AK051470	
BC021438	174	1.22	0.11	NM_145416	
Mrps2	720	1.22	0.17	NM_080452.2	
Ciapi1	601	1.22	0.32	NM_134141	
Rab4b	546	1.22	0.21	NM_029391.1	
A230084N10	153	1.22	0.30		
Slc35a4	2938	1.22	0.12	NM_026404.1	
Plagl2	868	1.22	0.74	NM_018807.3	
E030024L06Rik	678	1.22	0.13	AK053170	
Cln6	355	1.22	0.63	XM_134858.5	
LOC384224	42	1.22	0.55	XM_357501.1	

1110030C22Rik	212	1.22	0.24	AK003970	
Etfa	3060	1.22	0.30	NM_145615.2	
D930020B18Rik	96	1.22	0.79	NM_177335.2	
Creld1	2840	1.22	0.12	NM_133930.1	
Scotin	409	1.22	0.39	NM_026381.1	
Cdc2l2	2207	1.22	0.16	NM_007661.2	
D130071O13Rik	92	1.22	0.18	AK051750	
Hpca	35	1.22	0.75	NM_010471.2	
Gm2a	1463	1.22	0.23	NM_010299.2	
Hcph	617	1.22	0.47	NM_013545.1	
ORF19	115	1.22	0.23	XM_128709.4	
Egln2	188	1.22	0.50	NM_053208.2	
BC065078	330	1.22	0.11	NM_201351.1	
E030027L17	316	1.22	0.19	NM_183300.1	
Camk2b	1943	1.22	0.10	NM_007595.2	
Tbc1d10a	118	1.22	0.21		
2610003J06Rik	242	1.22	0.16	NM_028101.1	
Wdfy1	2048	1.22	0.18	NM_027057.1	
Arf1	13859	1.22	0.32		
Rnf125	319	1.22	0.13	NM_026301.1	
2310005N01Rik	353	1.22	0.15	NM_027310.1	
BC008103	283	1.22	0.56	NM_144898.1	
Adsl	636	1.22	0.02	NM_009634.3	
Ppp1ca	9056	1.22	0.19	NM_031868.1	
Trip4	60	1.22	0.25	NM_019797.2	
4930532M18Rik	105	1.22	0.17	XM_488917	
C8b	144	1.22	0.29	NM_133882.1	
Pomt2	875	1.22	0.24	NM_153415	
Slc30a7	346	1.22	0.27	NM_023214.3	
E130307M08Rik	840	1.22	0.39	NM_026530.2	
H2-Q7	414	1.22	0.15	NM_010394.1	
Aldh4a1	603	1.22	0.05	NM_175438	
Al663987	914	1.22	0.43	NM_033526.1	
Gnptab	452	1.22	0.13		
Dph2l1	1407	1.22	0.11	NM_144491	
Il11ra1	750	1.22	0.21	NM_010549.1	
scl0003933.1_163	2009	1.22	0.31		
Parp14	91	1.22	0.24	NM_145481.1	
DXImx40e	1488	1.22	0.08	NM_138603.2	
Mical3	270	1.22	0.23	NM_153396.1	
1700094G20Rik	230	1.22	0.32	AK007064	
Al606181	501	1.22	0.05	NM_183215	
Cul7	577	1.22	0.23	XM_358324.1	
Bicd2	652	1.22	0.18	NM_029791	
scl0002720.1_68	613	1.22	0.24		
D430050E20Rik	38	1.22	0.40		
LOC380749	936	1.22	0.34	XM_354663.1	
Mdh1	241	1.22	0.24	NM_008618.2	
Nelf	1214	1.22	0.14	AK019560	
Mgat1	85	1.22	0.56	NM_010794.2	
9626100_15	16771	1.22	0.29		
Slc25a20	204	1.22	0.29	NM_020520.2	
Slc14a2	44	1.22	0.26	NM_030683.1	
Acp6	666	1.22	0.46	NM_019800.1	
scl0004059.1_11	2013	1.22	0.27		
4921506l22Rik	495	1.22	0.03	NM_025717	
9430003J03Rik	56	1.22	0.38	AK020400	
D330018l10Rik	50	1.22	0.70	AK084592	
LOC268884	68	1.22	0.19	XM_193824.2	
Nrxn2	279	1.22	0.25	XM_111780	
Ovca2	2353	1.22	0.22	NM_027136.2	
U2af1-rs2	833	1.22	0.13	NM_178794.2	
H2afy	3760	1.22	0.21	BC006955	
3830612M24	419	1.22	0.03		
Zranb3	2237	1.22	0.09	XM_129483.3	
Anapc4	2812	1.22	0.12	NM_024213.1	
Jun	1169	1.22	0.27	NM_010591.1	
Rbak	229	1.22	0.21	NM_021326.1	

Mrpl9	1964	1.22	0.16	NM_030116.1	
Abhd7	685	1.22	0.39		
Eif4b	242	1.22	0.13	NM_145625.1	
Cuedc2	2109	1.22	0.35	NM_024192.1	
A630097A12Rik	1714	1.22	0.38	AK080401	
Zc3hc1	1104	1.22	0.11		
9430065L19Rik	5401	1.22	0.19	AK034952	
B4galt3	1776	1.22	0.13	NM_020579.1	
Rrs1	154	1.22	0.30	NM_021511.1	
C330016K18Rik	112	1.22	0.11	XM_132642.4	
4930542G03Rik	10410	1.22	0.22	NM_146116.1	
Meox1	262	1.22	0.49	NM_010791.3	
Slc43a2	62	1.22	0.49		
D430030K24Rik	83	1.22	0.47	NM_178732	
3830408G03Rik	769	1.22	0.13	AK028353	
Zadh1	422	1.22	0.08	NM_029880.1	
LOC269515	948	1.22	0.40	XM_196313.1	
D130017N08Rik	121	1.22	0.68		
E230020O17Rik	82	1.22	0.11	AK054118	
Ctf1	779	1.22	0.37	NM_007795.1	
Rab15	5328	1.21	0.14	NM_134050.2	
Lman2l	1376	1.21	0.14	XM_129848.4	
P4hb	32453	1.21	0.18	NM_011032.1	
Palld	49	1.21	0.68		
Mns1	3532	1.21	0.19	NM_008613.1	
Brd2	3128	1.21	0.12	NM_010238.1	
2700083E18Rik	537	1.21	0.29		
C030004M05Rik	359	1.21	0.00		
Nudt5	4089	1.21	0.24	NM_016918.2	
LOC211208	64	1.21	0.32	XM_142112.2	
Prkrir	1268	1.21	0.36	NM_028410.1	
Rras2	272	1.21	0.52	NM_025846.1	
D8Ertid587e	518	1.21	0.10		
C130090G16Rik	44	1.21	0.07	AK081969	
Slc1a7	124	1.21	0.24	NM_146255.1	
A630042L21Rik	2243	1.21	0.15	AK041866	
4931406C07Rik	176	1.21	0.21	NM_133732.1	
G6pc3	427	1.21	0.13	NM_175935.2	
Rab11b	6778	1.21	0.23	NM_008997.1	
Mppe1	144	1.21	0.20	NM_172630.1	
AI316807	1311	1.21	0.08		
Pkib	562	1.21	0.31	NM_008863.2	
LOC224163	8562	1.21	0.20	XM_147236.2	
LOC381091	34	1.21	0.74	XM_355009.1	
A930011E24Rik	62	1.21	0.53	AK044408	
1110061N23Rik	3035	1.21	0.21	NM_176834.1	
Ddah2	46	1.21	0.72	NM_016765	
Akr1a4	11623	1.21	0.25	NM_021473.2	
2610022K04Rik	699	1.21	0.31	NM_153121.1	
Terf2ip	308	1.21	0.13	NM_020584.1	
LOC381681	5808	1.21	0.34	XM_355656.1	
Olfrr618	50	1.21	0.21	XM_145799.1	
Taf1c	592	1.21	0.21	NM_021441.1	
Elac1	374	1.21	0.08	NM_053255	
Rhog	389	1.21	0.33	NM_019566.2	
LOC235427	67	1.21	0.07	XM_134926.4	
4921511C16	73	1.21	0.21	NM_183307.1	
A830089I03Rik	247	1.21	0.31	AK080681	
Rc3h1	117	1.21	0.40		
Abcf3	1271	1.21	0.14	NM_013852	
LOC218476	96	1.21	0.20	XM_127483.2	
B430201G11Rik	408	1.21	0.38	NM_172894	
E430001K23Rik	161	1.21	0.13	AK087972	
2210012G02Rik	172	1.21	0.21	NM_025617.1	
2810408M09Rik	469	1.21	0.07		
Timm44	1194	1.21	0.14	NM_011592.1	
B430104H02Rik	238	1.21	0.23	NM_026568.1	
LOC385120	59	1.21	0.15	XM_358068.1	

LOC383227	947	1.21	0.46	XM_356932.1	
2310061F22Rik	440	1.21	0.31	XM_134537.3	
Dnajb11	7211	1.21	0.09	XM_148071.1	
Zfp212	671	1.21	0.16	NM_145576.1	
9130006A14Rik	46	1.21	0.17	XM_126185	
Schip1	785	1.21	0.05	NM_013928.2	
Atxnf2	163	1.21	0.96	NM_183020.1	
Ndfip1	3201	1.21	0.03	XM_128893.3	
A530055J02Rik	36	1.21	0.36	AK080063	
Cln5	1649	1.21	0.18	XM_127882.3	
Mettl2	794	1.21	0.12	NM_172567.1	
Pcbp3	857	1.21	0.57	NM_021568.1	
Cdc45l	852	1.21	0.02	NM_009862.1	
Al854635	267	1.21	0.18	NM_177565.2	
Atp5b	69799	1.21	0.18	NM_016774.2	
2610209A20Rik	58	1.21	0.40	NM_026010.1	
Sfrs14	1086	1.21	0.16	NM_172755.2	
AW538196	1117	1.21	0.10	NM_133952.1	
mtDNA_CytB	71731	1.21	0.19		
BC023296	156	1.21	0.10	NM_153545.1	
Eme2	120	1.21	0.20	XM_128555.4	
scl000059.1_14_F	62	1.21	0.41		
D330004O07Rik	181	1.21	0.12		
C330018D20Rik	758	1.21	0.17	XM_128980	
Pold1	2567	1.21	0.16	NM_011131.2	
Mras	146	1.21	0.07	NM_008624.2	
5830411K18Rik	1691	1.21	0.04	XM_357252	
LOC385919	50	1.21	0.31	XM_358998.1	
BC019367	353	1.21	0.30	NM_138675.2	
4930451E10Rik	39	1.21	0.43	NM_183130.1	
Rraga	58	1.21	0.19	NM_178376.2	
Copeb	707	1.21	0.05	NM_011803.1	
Dom3z	693	1.21	0.25	NM_033613.1	
Rin3	1433	1.21	0.50	NM_177620.2	
Rbm3	2749	1.21	0.30	NM_016809.2	
4921507I02Rik	36	1.21	0.57	XM_131022.4	
LOC384607	372	1.21	0.28	XM_357740.1	
1010001N08Rik	61	1.21	0.27	XM_488841	
Klh123	38	1.21	0.29		
Gpd1	44	1.21	0.74	NM_010271.2	
0610011N22Rik	659	1.21	0.07	NM_024201.2	
Sirt7	5683	1.21	0.02	NM_153056.1	
St3gal3	621	1.21	0.18		
4932409I22Rik	1709	1.21	0.33	NM_198614.1	
Ctsb	4894	1.21	0.11	NM_007798.1	
OTTMUSG000000	70	1.21	0.44		
D330023A14Rik	85	1.21	0.44	AK052300	
5430417L22Rik	4678	1.21	0.26		
Stk24	589	1.21	0.09	NM_145465.1	
1700020B09Rik	71	1.21	0.48	NM_175240.2	
D930048N14Rik	110	1.21	0.37	NM_175289.2	
Ywhag	4315	1.21	0.09	NM_018871.2	
Luzp1	1743	1.21	0.10	NM_024452.1	
Rbm28	1560	1.21	0.05	NM_133925	
LOC385414	57	1.21	0.19	XM_358230.1	
Tbcc	43	1.21	0.33	NM_178385.2	
lsg20	714	1.21	0.19	NM_020583.4	
Aatf	1334	1.21	0.25	NM_019816.1	
Slc15a4	653	1.21	0.19	NM_133895.1	
8030466O12Rik	660	1.21	0.05	NM_146203	
X83328	3231	1.21	0.28	NM_025275.2	
9130001M19Rik	502	1.21	0.03	XM_147946.3	
B930032P17Rik	115	1.21	0.23	AK047187	
0710007G10Rik	246	1.21	0.56		
A730008I18Rik	232	1.21	0.27	AK042590	
9330187M14Rik	339	1.21	0.27	NM_172583.2	
Myh9	1811	1.21	0.11	NM_022410.1	
1810057E01Rik	352	1.21	0.34	NM_030749.1	

Olf1386	58	1.21	0.37		
4933424M23Rik	7111	1.21	0.08	XM_181351.3	
Abhd14b	1493	1.21	0.22		
Txnrd2	1799	1.21	0.12	NM_013711.1	
Tmem9	1735	1.21	0.11	NM_025439.2	
D330004B08Rik	39	1.21	0.48	AK052181	
6530402N02Rik	292	1.21	0.26	NM_146104.1	
Oat	7878	1.21	0.22	NM_016978.1	
Crybb1	123	1.21	0.16	NM_023695.1	
2310003C23Rik	1252	1.21	0.34	XM_130746.2	
2810407K09Rik	374	1.21	0.43	NM_026999.1	
AA408296	722	1.21	0.08	NM_145415.1	
LOC380756	217	1.21	0.09	XM_354669.1	
Klhl15	280	1.21	0.05	NM_153165.1	
Echdc3	44	1.21	0.56	NM_024208.3	
Tm9sf4	906	1.21	0.24	NM_133847.2	
LOC219145	1569	1.21	0.25	XM_122761.3	
Pex6	734	1.21	0.14	NM_145488.1	
Syt1	162	1.21	0.19	NM_031393.1	
Limk1	1057	1.21	0.28	NM_010717.1	
Csk	965	1.21	0.17	NM_007783.2	
LOC384596	33	1.21	0.46	XM_357735.1	
LOC380655	74	1.21	0.08	XM_358397.1	
1110029E03Rik	131	1.21	0.35	NM_172866	
Glrx	172	1.21	0.38		
Kin	607	1.21	0.31	NM_025280.1	
Ttc35	2299	1.21	0.34		
Csnk1g2	4437	1.21	0.14	NM_134002.1	
LOC384434	317	1.21	0.11	XM_357646.1	
BC057022	50	1.21	0.02		
1200004M23Rik	43	1.21	0.52	NM_026169	
Tcf14	162	1.21	0.14	NM_011550.2	
Polr3e	96	1.21	0.56	NM_025298.2	
Cyb5r3	1865	1.21	0.45		
scl0002855.1_105	347	1.21	0.20		
Rdh14	1002	1.20	0.20	NM_023697.1	
Slco3a1	152	1.20	0.13	NM_023908	
Tek	43	1.20	0.55	NM_013690.1	
Sema4f	123	1.20	0.30	AK047067	
Il13	89	1.20	0.24	NM_008355.1	
Got1	436	1.20	0.13	NM_010324.1	
1700008D07Rik	180	1.20	0.31	XM_485969	
Tmem38b	766	1.20	0.22		
Eif2b1	2641	1.20	0.12	NM_145371.1	
Catsper2	142	1.20	0.21	NM_153075.1	
Lisch7	950	1.20	0.46	NM_017405.1	
Ppt1	250	1.20	0.20	NM_008917.1	
LOC382376	40	1.20	0.18	XM_356471.1	
Ephb2	306	1.20	0.17	AK017630	
0610037H22Rik	427	1.20	0.14	NM_025332	
2810405J04Rik	5579	1.20	0.28	NM_133747.1	
D930024N12Rik	145	1.20	0.14	AK086384	
S100a14	42	1.20	0.16	NM_025393	
Adssl1	147	1.20	0.21	NM_007421.1	
Hmgb1	628	1.20	0.12	NM_010439.2	
LOC380919	75	1.20	0.19	XM_358463.1	
1500011H22Rik	2710	1.20	0.35	NM_026883	
AA536743	1008	1.20	0.21	NM_145923	
Pelo	1908	1.20	0.10	NM_134058.1	
C530043G21Rik	2691	1.20	0.10	NM_145413.2	
6530401D17Rik	1737	1.20	0.37	NM_029541.1	
Pir	122	1.20	0.59	XM_136134.3	
Gabpb2	71	1.20	0.21	NM_172512.1	
Gusb	2461	1.20	0.10		
Mrpl1	850	1.20	0.07	NM_053158.1	
Srd5a2l	694	1.20	0.33	NM_020611.3	
1110007M04Rik	2890	1.20	0.10	NM_026742.1	
5430400N05Rik	148	1.20	0.41	NM_175433.4	

Amid	449	1.20	0.15	NM_178058.2	
Samd8	154	1.20	0.07	NM_026283.1	
Helb	638	1.20	0.24	NM_080446.1	
2610034E13Rik	235	1.20	0.61	NM_029365	
Catnbip1	4933	1.20	0.27	NM_023465.2	
Apg10l	422	1.20	0.22	NM_025770.2	
Thap4	732	1.20	0.28	NM_025920	
D17Wsu155e	103	1.20	0.31	NM_181392.1	
A930031F18Rik	177	1.20	0.30	NM_029992.1	
Fbxw17	1040	1.20	0.10	NM_175401.2	
1110053F04Rik	101	1.20	0.60		
6330414G21Rik	389	1.20	0.14	NM_178110.2	
Bop1	1009	1.20	0.23	NM_013481.1	
1810009H17Rik	276	1.20	0.36	XM_283205.1	
Hnrpc	10104	1.20	0.23	NM_016884	
Pkm2	4789	1.20	0.15	NM_011099.2	
LOC383475	112	1.20	0.11	XM_357086.1	
Cdk5rap3	5830	1.20	0.11	NM_030248.1	
BC025076	661	1.20	0.31	NM_175002.1	
LOC382645	165	1.20	0.11	XM_356603.1	
Kcnj3	162	1.20	0.32	NM_008426	
scl000416.1_19	1912	1.20	0.39		
Till1	133	1.20	0.18	NM_178869.2	
Sspn	252	1.20	0.16	NM_010656.1	
Lyar	313	1.20	0.30	NM_025281.1	
C78915	1216	1.20	0.21	NM_019704	
Mikl	595	1.20	0.17		
Pigw	36	1.20	0.28	NM_027388.1	
Ing1	336	1.20	0.28	NM_011919.3	
Cad	798	1.20	0.22	XM_131981.5	
Al462438	217	1.20	0.29	NM_133840.1	
6330408J11Rik	37	1.20	0.34	AK018143	
Lgals3bp	2903	1.20	0.48	NM_011150.1	
Sema4a	161	1.20	0.17	NM_013658.2	
LOC385627	52	1.20	0.33	XM_358807.1	
Ogdh	456	1.20	0.04	NM_010956.1	
Katnal1	269	1.20	0.29	NM_153572.1	
St13	730	1.20	0.12	NM_133726.1	
AW123240	545	1.20	0.11		
Mrpl51	158	1.20	0.08	NM_025595.1	
Naga	86	1.20	0.22	NM_008669.2	
Pdcd1lg1	512	1.20	0.14	NM_021893.2	
2610511O17Rik	2599	1.20	0.14	NM_152817.2	
LOC383809	293	1.20	0.34	XM_357269.1	
Lmna	2918	1.20	0.16	NM_019390.1	
Bat4	161	1.20	0.29	NM_032460	
2610002I17Rik	263	1.20	0.11	XM_135177.4	
Rnps1	1903	1.20	0.19	NM_009070.1	
Txnrd3	481	1.20	0.20	NM_153162.2	
2810410C14Rik	58	1.20	0.15	NM_175471	
Parp1	2267	1.20	0.24		
LOC385626	58	1.20	0.14	XM_358806.1	
Zic1	72	1.20	0.62	NM_009573.2	
LOC270186	1051	1.20	0.28	XM_194481.2	
Idb2	2360	1.20	0.35	NM_010496.2	
Pcdhb1	45	1.20	0.38	NM_053126.1	
A730075L14Rik	58	1.20	0.27	AK043246	
Dctd	1113	1.20	0.27	NM_178788.2	
6330442E10Rik	280	1.20	0.06	NM_178745.3	
Qtrtd1	456	1.20	0.26	XM_148491.1	
D12Etd553e	1457	1.20	0.19	NM_029758.3	
Rbks	260	1.20	0.47	NM_153196.1	
4933407I08Rik	78	1.20	0.30		
Adh5	257	1.20	0.07	NM_007410.2	
Mint	219	1.20	0.44	NM_019763.1	
Btbd16	54	1.20	0.09		
4631405J19Rik	63	1.20	0.13	AK028444	
Cenpp	563	1.20	0.40		



Fzd7	148	1.20	0.04	XM_123681.1	
Pfn2	1678	1.20	0.34	NM_019410.2	
scl0003176.1_43	76	1.20	0.22		
Cops3	4588	1.20	0.23	AK048906	
Cappa3	54	1.20	0.56	AK005949	
Zfp295	682	1.20	0.09	NM_175428.2	
Ddb1	415	1.20	0.05	NM_015735.1	
E4f1	216	1.20	0.22	NM_007893.1	
Itgb1	322	1.20	0.21	NM_010578.1	
Pank2	1554	1.20	0.11	NM_153501.1	
Tmem143	208	1.20	0.32		
Cngb3	44	1.20	0.74	NM_013927.1	
2310057D15Rik	1865	1.20	0.18	NM_026421.1	
LOC381788	131	1.20	0.07	XM_355788.1	
4833412N02Rik	214	1.20	0.16	AK014688	
Plekha6	210	1.20	0.09	NM_182930	
N4wbp5-pending	3191	1.20	0.14	AK050560	
Mapre1	6492	1.20	0.09	NM_007896.2	
9430063L05Rik	489	1.20	0.31	NM_178080.3	
Arhgap30	1808	1.20	0.19		
Frrs1	398	1.20	0.17		
Snx3	386	1.20	0.15	NM_017472.2	
Phf7	343	1.20	0.26	NM_027949.1	
9430023P16Rik	2284	1.20	0.26	NM_001005507	
D3Erttd300e	105	1.20	0.04	NM_019995.1	
Cdk4	1613	1.20	0.03	NM_009870.2	
Pdcd4	1399	1.20	0.22	NM_011050.1	
Cdkn2c	1127	1.19	0.30	NM_007671.2	
Olf608	42	1.19	0.49	NM_146756	
Grtp1	45	1.19	0.54	NM_025768.1	
Nol10	2487	1.19	0.24		
4732437J24Rik	1194	1.19	0.21	NM_172338.1	
Pfkm	642	1.19	0.23	NM_021514.2	
Hsf1	3617	1.19	0.12	NM_008296	
Tle3	79	1.19	0.40	NM_009389.1	
Degs	5373	1.19	0.01	NM_007853.2	
2610304F09Rik	841	1.19	0.20	NM_172965	
Plvap	54	1.19	0.38	NM_032398.1	
4933404K08Rik	235	1.19	0.05		
1190005P17Rik	443	1.19	0.06	NM_025431.2	
Ilf2	2548	1.19	0.35	AK031892	
E130306D19Rik	491	1.19	0.32	XM_131404.3	
Aclp7	60	1.19	0.25	AK089453	
Glrx1	95	1.19	0.16	NM_053108	
Nagpa	135	1.19	0.16	NM_013796.1	
Fbxl14	1841	1.19	0.08	NM_133940	
Stmn1	1565	1.19	0.36	NM_019641	
Rkhd1	47	1.19	0.69	NM_198615.1	
Phc2	3847	1.19	0.21	BC071246	
1500002I11Rik	996	1.19	0.08	NM_021550.2	
Gtf2f2	3933	1.19	0.17	NM_026816.1	
Gm484	170	1.19	0.05		
Prpsap1	319	1.19	0.32	XM_181343.1	
Oaz2	1399	1.19	0.23	NM_010952.2	
1700023B02Rik	444	1.19	0.17	NM_025854.1	
3110031I02Rik	40	1.19	0.12	AK014104	
Ipo13	2133	1.19	0.16	NM_146152.2	
Uchl1	3376	1.19	0.40	NM_011670.1	
LOC218452	43	1.19	0.61	XM_147780.2	
Igsf9b	37	1.19	0.32		
Ube2j2	241	1.19	0.30	NM_021402.4	
Srfbp1	984	1.19	0.00		
9530090G24Rik	3812	1.19	0.10	NM_145537	
Al849286	2506	1.19	0.04	XM_194372.3	
Cecr5	227	1.19	0.33	NM_144815.1	
4833429E21Rik	1451	1.19	0.13	AK029394	
Nsun2	202	1.19	0.15	NM_145354.2	
Hbxap	204	1.19	0.70	XM_133622.3	

Olf330	99	1.19	0.44	NM_146879.1	
Rhobtb2	193	1.19	0.04	NM_153514.3	
9130022B02Rik	32	1.19	0.64	AK018642	
C330027I04Rik	1369	1.19	0.24	NM_026561.2	
5033428A16Rik	480	1.19	0.18	NM_029074	
1110030H18Rik	698	1.19	0.18	XM_149659.3	
2310005O14Rik	1155	1.19	0.26	NM_026452	
Slc6a12	113	1.19	0.29	NM_133661.1	
3110070M22Rik	67	1.19	0.35	NM_026084.1	
B930010D08Rik	153	1.19	0.26	AK046997	
A130022L12Rik	37	1.19	0.27	AK037510	
1110003O08Rik	1249	1.19	0.14		
Pigo	362	1.19	0.03	NM_020035.1	
Cchcr1	411	1.19	0.18		
BC012016	34	1.19	0.29	NM_144809.1	
Bzw2	7823	1.19	0.18	NM_025840.2	
Rnuxa	1443	1.19	0.16		
Pola2	544	1.19	0.14	NM_008893.2	
2600016J21Rik	109	1.19	0.07	NM_133744.2	
Rpl4	570	1.19	0.07	NM_024212.2	
0610009D07Rik	71	1.19	0.21	AK020052	
Txn14b	354	1.19	0.14	NM_175646.2	
Acot2	97	1.19	0.12		
5730409F24Rik	127	1.19	0.28	NM_181403.2	
4933427E11Rik	48	1.19	0.38	NM_025756.1	
Comtd1	72	1.19	0.14	NM_026965.1	
B230104P22Rik	432	1.19	0.15	NM_001004363	
Dnaja3	2026	1.19	0.09	AK007852	
4921513O20Rik	33	1.19	0.67	XM_283303.1	
2500001K11Rik	3459	1.19	0.22	NM_146103	
Tomm34	2116	1.19	0.30	NM_025996.1	
Fgd3	41	1.19	0.31	NM_015759.1	
Fbxl6	1070	1.19	0.35	NM_013909	
Gbif	1895	1.19	0.07	NM_019683.2	
0610037D15Rik	203	1.19	0.34	NM_026714.1	
Siah1b	318	1.19	0.14	NM_009173.1	
BC028278	2167	1.19	0.31	XM_130696.2	
B430305P08Rik	172	1.19	0.35	XM_148123.1	
Phf23	113	1.19	0.27		
Slc1a6	69	1.19	0.12	NM_009200.1	
Smoc1	4807	1.19	0.16	NM_022316.1	
Pk3	89	1.19	0.40	AK083076	
Chgb	16134	1.19	0.32	NM_007694.1	
Gm50	1305	1.19	0.05		
Ddx6	489	1.19	0.05	NM_007841.2	
1300018P11Rik	754	1.19	0.25	NM_025829.2	
LOC384723	40	1.19	0.29	XM_357817.1	
1110005A23Rik	269	1.19	0.17	NM_025364	
Alk	111	1.19	0.51	AK051358	
BC030335	131	1.19	0.11	NM_173408	
A130020K16Rik	57	1.19	0.44	AK037473	
Nup85	1921	1.19	0.03		
Hnrpab	14646	1.19	0.19	NM_010448.2	
2310005E10Rik	329	1.19	0.18	NM_172398.2	
D15Ert682e	622	1.19	0.13		
1700028D13Rik	54	1.19	0.19		
Nkd2	45	1.19	0.05	NM_028186	
Tra2a	2853	1.19	0.16		
Tfip11	760	1.19	0.15	NM_018783.3	
2410004L22Rik	617	1.19	0.48	NM_029621.1	
Zdhhc7	2319	1.19	0.12	NM_133967.2	
Prei3	508	1.19	0.12	NM_025283	
Tst	631	1.19	0.49	NM_009437.2	
Calm2	2082	1.19	0.26	NM_007589	
3300001P08Rik	5981	1.19	0.03	NM_026313.1	
Olf33	47	1.19	0.41	NM_146831.1	
Polr3b	683	1.19	0.15	NM_027423.1	
Glo1	2518	1.19	0.12	NM_025374.2	

Prkaca	998	1.19	0.79	NM_008854.3	
Shmt2	1472	1.19	0.18	NM_028230.2	
Aldh5a1	299	1.19	0.22	NM_172532.1	
D15Ert405e	1638	1.19	0.34	NM_201359.1	
Dek	1164	1.19	0.15	NM_025900.1	
Ppp1r3f	135	1.19	0.23	NM_138605	
2310014H01Rik	1717	1.19	0.08	XM_355011.1	
Drg2	1618	1.19	0.31	NM_021354.1	
H1f0	1172	1.19	0.31	NM_008197.2	
B3gnt3	239	1.19	0.08	NM_028189	
LOC329302	209	1.19	0.12	XM_283676.2	
Nudc-ps1	622	1.19	0.53		
Ube2q	1941	1.19	0.06	NM_027315	
2410091C18Rik	318	1.19	0.11	NM_028611.1	
Ilk	1056	1.19	0.48	NM_010562.1	
G22p1	2719	1.19	0.00	NM_010247.1	
Bcl9	72	1.19	0.59	XM_358351	
Aldoa	13938	1.19	0.22	NM_007438.2	
LOC382707	398	1.19	0.09	XM_356635.1	
Pip5k1c	414	1.19	0.09	NM_008844.1	
LOC386067	5443	1.19	0.25	XM_359051.1	
Ppp2r5d	589	1.19	0.15	NM_009358.2	
Aars	3696	1.19	0.04	NM_146217.3	
P140	136	1.19	0.30	NM_018873	
CDKN2A_p16_Ink	42	1.19	0.20		
Zadh2	826	1.19	0.10	NM_146090.2	
Gtf2h3	2033	1.19	0.02	NM_181410.2	
Sall1	107	1.19	0.18	NM_021390.2	
Tysnd1	283	1.19	0.29	XM_125636.1	
Tsc22d3	1261	1.19	0.29		
C820018A03Rik	35	1.19	0.30	AK050559	
5730537H01Rik	294	1.19	0.18	XM_140308.2	
mtDNA_ATP6	66567	1.19	0.13		
5330432E05Rik	37	1.19	0.74	AK030563	
1500031N24Rik	340	1.19	0.23	XM_128010.4	
6720467C03Rik	2366	1.19	0.41	BC055848	
Tapbp	171	1.19	0.25	NM_009318.1	
Agl	75	1.19	0.52	AK028678	
LOC241715	274	1.19	0.24	XM_141432.3	
LOC380706	39	1.19	0.31	XM_354621.1	
Armcx2	6418	1.19	0.15	NM_026139.2	
Chmp7	412	1.19	0.08		
Zfp524	367	1.19	0.29	NM_025324.1	
1810037O03Rik	75	1.19	0.23	XM_129446.2	
Ttc1	670	1.19	0.04	NM_133795.1	
Zfp277	1016	1.19	0.20	NM_172575.1	
5730409G15Rik	459	1.19	0.21	XM_358756.1	
Sf3a3	5469	1.19	0.05	NM_029157.2	
Bcas2	1898	1.19	0.12	NM_026602.1	
Lrrfip2	214	1.19	0.22	XM_284541.1	
C630015B10Rik	70	1.19	0.25	AK083112	
Psg23	32071	1.19	0.14	NM_020261	
Git25d1	2457	1.19	0.17	NM_146211	
Solh	391	1.19	0.47	NM_015830	
Nek8	123	1.19	0.04	NM_080849.2	
LOC383607	40	1.18	0.68	XM_357150.1	
Poll	380	1.18	0.09	NM_020032.1	
Mapk13	928	1.18	0.29	NM_011950.1	
2310061J03Rik	252	1.18	0.60	XM_148411.1	
A230065G10Rik	64	1.18	0.21	AK038814	
Smfn	309	1.18	0.44	NM_024233.2	
Stk40	348	1.18	0.27		
Ugcgl1	7982	1.18	0.13	NM_198899.1	
Xrcc1	544	1.18	0.39	AK046611	
9330159N05Rik	62	1.18	0.21		
Etv3	175	1.18	0.10	NM_012051.2	
Plek2	559	1.18	0.47	NM_013738	
Atf3	739	1.18	0.15	NM_007498.2	

Whsc2	802	1.18	0.09	NM_011914.1	
Mapk8ip2	699	1.18	0.16	NM_021921	
D11Wsu47e	843	1.18	0.15	NM_177777.3	
E430005I09Rik	7816	1.18	0.37	AK088176	
Cltb	1213	1.18	0.29	NM_028870.1	
8430421H08Rik	52	1.18	0.39		
Hist1h3e	148	1.18	0.33	NM_178205	
0610009K11Rik	1050	1.18	0.28	NM_026689.3	
Sart3	3906	1.18	0.04	NM_016926.1	
1110003P22Rik	980	1.18	0.09	NM_144522	
Parp16	190	1.18	0.21	NM_177460.3	
Ppp2r3a	47	1.18	0.20	XM_356255	
Pip5k2b	578	1.18	0.41	NM_054051.1	
1110012F10Rik	274	1.18	0.23	AK003630	
2610103J23Rik	2076	1.18	0.09	AK011808	
2610318I18Rik	451	1.18	0.32	NM_145479.2	
BC029169	909	1.18	0.18	NM_153782.1	
Acadvl	1240	1.18	0.20	NM_017366	
Al848100	671	1.18	0.14	XM_484932	
Asb13	877	1.18	0.19	NM_080857.1	
Rnpepl1	12038	1.18	0.06	NM_181405.2	
Cnih	1267	1.18	0.27	NM_009919	
Trim11	115	1.18	0.46	NM_053168.1	
Es2el	490	1.18	0.24	NM_022408.1	
Gng5	79	1.18	0.38	NM_010318.1	
39700	1075	1.18	0.26		
Hoxd13	45	1.18	0.17	NM_008275.1	
Gga1	157	1.18	0.32	NM_145929.1	
Serinc2	1307	1.18	0.28		
Cntf	332	1.18	0.21	NM_170786.1	
Olfm1	693	1.18	0.21	NM_019498.1	
Diras1	4603	1.18	0.09	NM_145217.2	
5730438N18Rik	2924	1.18	0.31	NM_027460.1	
E130306F01Rik	373	1.18	0.09	AK053743	
E330014F24Rik	94	1.18	0.19	AK054313	
Cpsf2	193	1.18	0.36	NM_016856.2	
C6.1A	315	1.18	0.14	NM_145956.2	
C030046K23Rik	136	1.18	0.25	AK047802	
4930511A03Rik	78	1.18	0.11	AK029724	
D030012E24Rik	246	1.18	0.60	NM_176902.2	
Sart1	430	1.18	0.07	NM_016882.2	
D2Wsu81e	207	1.18	0.19	NM_172660.1	
6230401I02Rik	2345	1.18	0.20	AK018078	
6530404N21Rik	153	1.18	0.30	NM_181587.2	
5730466C23Rik	398	1.18	0.32	NM_027469.1	
2410016F19Rik	138	1.18	0.06	NM_026113.2	
LOC381300	1438	1.18	0.15	XM_358547.1	
Rapgef3	64	1.18	0.50	NM_144850.1	
Isyna1	1054	1.18	0.15	NM_023627.1	
Plaur	51	1.18	0.41	NM_011113.2	
2310004I24Rik	231	1.18	0.32	NM_025510.1	
LOC383153	39	1.18	0.12	XM_356899.1	
Cutc	442	1.18	0.34	NM_025530.1	
Kif22	2834	1.18	0.22	NM_145588.1	
Gpr89	429	1.18	0.07	NM_026229.1	
Amigo1	153	1.18	0.29		
Agri	2421	1.18	0.25	NM_021604	
2600009P04Rik	3288	1.18	0.66		
1500031L02Rik	5186	1.18	0.09	NM_025892.1	
2610319H10Rik	427	1.18	0.29		
5530600A18Rik	764	1.18	0.47	NM_027799.1	
Slc25a14	904	1.18	0.09	NM_011398.1	
Al256775	131	1.18	0.23	NM_178916	
Gpr108	828	1.18	0.10	NM_030084.2	
Rasl11b	211	1.18	0.04	XM_355606	
Anks3	661	1.18	0.14		
Cldn12	3043	1.18	0.17	NM_022890.1	
G431001I09Rik	136	1.18	0.37	NM_133837.2	

Rbm4	850	1.18	0.24	NM_009032	
A930005L06Rik	38	1.18	0.50	AK044289	
LOC384866	36	1.18	0.39	XM_357906.1	
39693	5960	1.18	0.10		
2210408F21Rik	391	1.18	0.55		
Cant1	773	1.18	0.10	NM_029502.1	
D430021H21Rik	37	1.18	0.47	AK084982	
Chaf1b	7945	1.18	0.08	NM_028083.1	
Tcfe3	302	1.18	0.29	NM_172472.1	
Maf1	5812	1.18	0.17	NM_026859.2	
2310007F21Rik	1502	1.18	0.10	XM_486226	
Hk2	20212	1.18	0.36	NM_013820.1	
Wdr1	2975	1.18	0.20	NM_011715.1	
2810017I02Rik	502	1.18	0.05		
A530088L04Rik	40	1.18	0.37	AK041185	
Lama5	558	1.18	0.06	XM_203796.1	
2410008B13Rik	872	1.18	0.16	XM_485953	
Brca2	254	1.18	0.17	AK087379	
Ptbp1	4934	1.18	0.10	NM_008956	
BC027342	139	1.18	0.28	NM_146251	
Cct3	5381	1.18	0.09	NM_009836.1	
A630046C11Rik	2034	1.18	0.27	AK041906	
9030611K07Rik	36	1.18	0.80	AK033534	
Ercc3	1820	1.18	0.03	NM_133658.1	
BC018242	338	1.18	0.50	NM_144935.1	
mtDNA_COXII	26303	1.18	0.13		
Bag2	586	1.18	0.10	NM_145392.1	
Abcc6	45	1.18	0.30	NM_018795.1	
Gba2	86	1.18	0.21	NM_172692.1	
Zbtb7	1534	1.18	0.26	NM_010731.1	
scl0001379.1_70	412	1.18	0.26		
6030411F23Rik	260	1.18	0.39	NM_133983.2	
LOC382878	576	1.18	0.27	XM_356725.1	
Ndr3	942	1.18	0.30	NM_013865.1	
C630030D09Rik	47	1.18	0.73	AK083237	
Farp2	338	1.18	0.17	NM_145519.1	
Lpin3	149	1.18	0.40	NM_022883.1	
2700097O09Rik	2591	1.18	0.19	NM_028314.1	
D330012F22Rik	52	1.18	0.04	NM_178752.2	
Cdc25c	206	1.18	0.06	NM_009860.1	
1110019L22Rik	1424	1.18	0.48	NM_026756.1	
LOC382959	194	1.18	0.39	XM_356771.1	
G630097J24Rik	62	1.18	0.36	AK090391	
A130094L10Rik	39	1.18	0.33	AK038308	
Top1mt	309	1.18	0.18	XM_128145.2	
Nab2	45	1.18	0.51	NM_008668.1	
Rbm13	4331	1.18	0.09		
9330185J12Rik	198	1.18	0.07		
Ncdn	710	1.18	0.43	NM_011986.2	
scl0004081.1_86	48	1.18	0.19		
LOC382436	44	1.18	0.11	XM_356504.1	
A830019P03Rik	37	1.18	0.66	AK043680	
LOC280408	79	1.18	0.62	XM_207763.3	
1700006D24Rik	191	1.18	0.37	NM_027026.2	
1700109H08Rik	435	1.18	0.20	XM_485551	
AK129375	788	1.18	0.13	NM_199469.1	
Rad51c	676	1.18	0.07	NM_053269	
Alg12	976	1.18	0.18	NM_145477.1	
Katnb1	91	1.18	0.16	AK037858	
Cri2	718	1.18	0.39	NM_198425.1	
2310056B04Rik	185	1.18	0.23		
Hmbs	790	1.18	0.07	NM_013551.1	
Tubg2	3791	1.18	0.24	NM_134028.1	
0610040O15Rik	70817	1.18	0.15	AK018753	
Rpl22	2946	1.18	0.39	NM_009079.2	
lap	69648	1.18	0.12	NM_010490.2	
LOC218814	21226	1.18	0.33	XM_127613.2	
Mgst2	57	1.18	0.29	NM_174995.1	

4930519N13Rik	253	1.18	0.43	NM_207204.1	
D030070I18Rik	42	1.18	0.50	AK051096	
B3galt5	663	1.18	0.29	NM_033149.2	
Hrh3	339	1.18	0.47	NM_133849.1	
Vamp4	1985	1.18	0.18	NM_016796.2	
Ddx54	1976	1.18	0.24	NM_028041	
BC058638	2761	1.18	0.25	NM_177630.2	
Wbp11	3878	1.18	0.71	NM_021714.3	
2210015D19Rik	67	1.18	0.24	AK008730	
Gm770	71	1.18	0.43	XM_284451.2	
5730578N08Rik	3777	1.18	0.47	XM_148395.1	
Adck1	374	1.18	0.25	NM_028105.2	
Tnfsf9	181	1.18	0.25	NM_009404.1	
A830087P12Rik	90	1.18	0.29	AK044077	
Anapc2	278	1.18	0.29	NM_175300.2	
Lrrfp1	44	1.18	0.39	NM_008515.1	
Foxred1	308	1.18	0.09		
4932702K14Rik	35	1.18	1.09	NM_026226.1	
AI449441	849	1.18	0.28	NM_172453.1	
Olf1331	47	1.18	0.91		
BC016495	161	1.17	0.12	NM_145497.1	
Trim8	2963	1.17	0.06	NM_053100.1	
Des	184	1.17	0.51	NM_010043.1	
Rad9	218	1.17	0.33	NM_011237.1	
Map4k2	154	1.17	0.46	NM_009006.1	
Rab1b	330	1.17	0.34		
2310015N07Rik	1015	1.17	0.25	NM_025515.1	
2010200O16Rik	372	1.17	0.36	NM_026198	
Bmp7	213	1.17	0.19	NM_007557.2	
D4Ert429e	1138	1.17	0.19		
Zfp64	423	1.17	0.16	BC004695	
Hdac11	427	1.17	0.24	NM_144919.1	
A930005I04Rik	123	1.17	0.51	NM_207277.1	
2810029C07Rik	124	1.17	0.21		
Pvt1	159	1.17	0.02	XM_488744	
5730455O13Rik	4671	1.17	0.19	XM_129261.5	
8430423A01Rik	615	1.17	0.08	NM_175294.2	
Ypel3	2679	1.17	0.53	NM_025347.1	
5730494N06Rik	1191	1.17	0.17	NM_027478.1	
Rdh5	75	1.17	0.28	AK033063	
Lsm6	943	1.17	0.19	XM_134104.3	
C130099A20Rik	769	1.17	0.15	NM_153420	
Rhox1	33	1.17	0.67		
Slc25a5	24101	1.17	0.20	NM_007451.2	
Gpatch3	41	1.17	0.17		
Ube2g2	139	1.17	0.25	NM_019803.2	
2700033B16Rik	68	1.17	0.26	XM_489058	
mtDNA_ND4	68836	1.17	0.16		
Cpt2	2350	1.17	0.01	NM_009949	
D630002J18Rik	83	1.17	0.13	AK052598	
Cops5	6816	1.17	0.21	AK005113	
Ap1s1	1090	1.17	0.26	NM_007457	
LOC433182	571	1.17	0.41		
LOC385019	240	1.17	0.08	XM_357995.1	
BC017158	721	1.17	0.03	NM_145590.1	
Zfp180	693	1.17	0.16	NM_172483.1	
LOC385532	39	1.17	0.55	XM_358272.1	
Pcyt1a	580	1.17	0.18	NM_009981.2	
Ddt	353	1.17	0.21	NM_010027.1	
Supt16h	546	1.17	0.19	NM_033618.1	
AI854703	237	1.17	0.19	NM_177737.2	
Mettl3	1164	1.17	0.07	NM_019721.1	
Mical1	872	1.17	0.13		
BC035537	64	1.17	0.58	NM_153535.1	
Setd8	672	1.17	0.28		
2310042G06Rik	15743	1.17	0.31	NM_025531.2	
5430432N15Rik	139	1.17	0.26	NM_172418.1	
Kik1b9	107	1.17	0.11		

Rwdd2	196	1.17	0.38	NM_027100	
Ldb1	4847	1.17	0.06	NM_010697.1	
D0H8S2298E	129	1.17	0.19	NM_178648.1	
4933426M11Rik	588	1.17	0.31	NM_178682.3	
Nhlrc2	437	1.17	0.02	NM_025811.1	
4930556P03Rik	507	1.17	0.26	NM_029236.1	
5730403M16Rik	485	1.17	0.13	NM_172738.1	
Cd59b	99	1.17	0.28	NM_181858.1	
Kcnn1	144	1.17	0.15	NM_032397.1	
0610009E20Rik	3923	1.17	0.23	NM_025318.1	
Olfr272	76	1.17	0.23	NM_146839.1	
mt-Cytb	68011	1.17	0.18		
Eed	1402	1.17	0.32	NM_021876.1	
scl0002602.1_34	52	1.17	0.25		
BC030499	168	1.17	0.28	XM_109623	
Inha	257	1.17	0.32	NM_010564.3	
1700007E05Rik	35	1.17	1.06		
5830416A07Rik	1384	1.17	0.09	NM_024268.1	
Hpa	38	1.17	0.57	AK087283	
DKFZp434J1813	187	1.17	0.11	AK016269	
Tom22	117	1.17	0.08	NM_172609.2	
Birc1cl	364	1.17	0.03		
9130020G22Rik	190	1.17	0.15	AK082376	
Csda	406	1.17	0.03	NM_139117	
Rab5	673	1.17	0.26	NM_026073.2	
A930009M04Rik	575	1.17	0.15	NM_177266.3	
2610318I01Rik	5611	1.17	0.17	NM_153118.1	
1110030H02Rik	237	1.17	0.06	NM_144524.1	
lpas	838	1.17	0.28	AF416641	
LOC232887	2672	1.17	0.17	XM_124858.2	
Hcst	65	1.17	0.22	NM_011827.1	
LOC234360	884	1.17	0.13	XM_134223.2	
D15Ert781e	1784	1.17	0.16	NM_145476.2	
LOC193676	49	1.17	0.16	XM_110146.4	
Mapk11	377	1.17	0.04	NM_011161.4	
2610042F04Rik	137	1.17	0.07	AK011740	
Foxn2	50	1.17	0.54	NM_180974.1	
Slc3a2	323	1.17	0.12	NM_008577	
Mta3	727	1.17	0.29	NM_054082.1	
Sec14l1	646	1.17	0.24	NM_028777	
2810002G02Rik	142	1.17	0.53		
Rapgef1l	150	1.17	0.61		
Cacnb4	50	1.17	0.54	NM_146123.1	
D030056L22	4706	1.17	0.53	NM_177640.2	
Prkab2	43	1.17	0.48	NM_182997.1	
4930404F20Rik	83	1.17	0.31	AK015077	
Cspg6	232	1.17	0.15	NM_007790.2	
4632428M11Rik	330	1.17	0.31	NM_028730	
Smyd2	679	1.17	0.21	NM_026796.1	
4833436C18Rik	83	1.17	0.29	NM_177377.2	
9330155G14Rik	78	1.17	0.11	AK079073	
Cdc25a	531	1.17	0.14	AK036499	
1200011I18Rik	43	1.17	0.39	NM_026177.2	
A230061N24Rik	51	1.17	1.00	AK038775	
1300018I05Rik	3432	1.17	0.05	NM_028791.3	
Irx5	272	1.17	0.25	NM_018826.2	
3110001O07Rik	817	1.17	0.16	AK013969	
LOC384319	334	1.17	0.17	XM_357568.1	
Gtf2e2	1511	1.17	0.15	NM_026584.2	
Acyp2	122	1.17	0.04	NM_029344.1	
Tub	46	1.17	0.10	NM_021885.2	
1300018L09Rik	150	1.17	0.13	NM_027903.1	
Dok3	368	1.17	0.35	NM_013739.1	
2310004N11Rik	2675	1.17	0.15	NM_028800	
6030413G23Rik	147	1.17	0.10	NM_178664.2	
Aco2	3167	1.17	0.21	NM_080633.1	
D16Bwg1547e	2829	1.17	0.03	NM_178069.2	
Rnf5	675	1.17	0.25		

Nos3	134	1.17	0.35	NM_008713.2	
Sfrs4	2501	1.17	0.37	NM_020587.1	
9430015G10Rik	225	1.17	0.08	NM_145557.1	
Creld2	2839	1.17	0.19		
1200015F23Rik	812	1.17	0.09	XM_203936.3	
Sdfr2	276	1.17	0.30	NM_009146	
2410003P15Rik	977	1.17	0.18	NM_018888.1	
Ddx21	2726	1.17	0.04	AK012125	
Tprkb	467	1.17	0.14		
Krt1-18	1388	1.17	0.25	NM_010664.1	
C030006K11Rik	342	1.17	0.27	NM_145472.1	
Prdx3	910	1.17	0.26	NM_007452.1	
4732462B05Rik	4986	1.17	0.07	AK028848	
9430078K10Rik	51	1.17	0.33		
Ywhah	5988	1.17	0.37	NM_011738	
1190003J15Rik	45	1.17	0.22	XM_133915.3	
1810011O16Rik	100	1.17	0.36	NM_025456.2	
BC087945	1923	1.17	0.13		
Misc12	63	1.17	0.22	NM_025993.1	
1110059G10Rik	48	1.17	0.71	NM_025419.2	
LOC230592	111	1.17	0.36	XM_143986.2	
Olf1113	42	1.17	0.25	NM_207565	
Aars2	153	1.17	0.15		
Ccr7	50	1.17	0.50	NM_007719.1	
scl0001187.1_2	41	1.17	0.50		
LOC385065	474	1.17	0.28	XM_358029.1	
Ddx41	2767	1.17	0.27	NM_134059.1	
Plxnb2	2363	1.17	0.07	XM_484491	
Pdir	1545	1.17	0.30	NM_028295	
Amigo3	276	1.17	0.20	NM_177275.2	
Adarb1	218	1.17	0.17	NM_130895	
LOC209372	480	1.17	0.12	XM_125463.2	
E330009J07Rik	583	1.17	0.19	NM_175528.2	
2010003O18Rik	1419	1.17	0.09	NM_029645	
E130303B06Rik	188	1.17	0.10	NM_198299.1	
Polrmt	3316	1.17	0.10	NM_172551.1	
Memo1	289	1.17	0.07		
Fubp3	1432	1.17	0.22	XM_130112	
Mrpl3	1294	1.17	0.11	AK054185	
Chtf18	308	1.17	0.39	NM_145409.1	
Entpd4	1346	1.17	0.25	NM_026174.1	
Acadm	1017	1.17	0.35	NM_007382	
4930564D15Rik	1472	1.17	0.15		
1810037C20Rik	1201	1.17	0.28	NM_025473.1	
Wipi2	1610	1.17	0.22		
Btd11	767	1.17	0.22	XM_125798.3	
9330120H11Rik	48	1.17	0.10	NM_177029.3	
Kif15	193	1.17	0.09		
Coro1c	6481	1.17	0.19	NM_011779.2	
2500002G23Rik	934	1.17	0.17	XM_289903	
Cct4	4595	1.17	0.22	NM_009837.1	
Gspt2	2382	1.17	0.13	NM_008179	
A130028H19Rik	49	1.17	0.27	AK037589	
2810441E16Rik	33	1.17	0.70	AK028232	
Oat1	608	1.17	0.43	NM_172478	
Trappc6b	628	1.17	0.32	BC031464	
6330569M22Rik	3811	1.17	0.29	NM_153563.1	
D11Ert759e	3479	1.17	0.14	NM_172949.1	
Akap8l	1488	1.17	0.22	NM_017476.1	
LOC380644	39	1.17	0.72	XM_354553.1	
Usp30	250	1.17	0.12		
LOC382092	22810	1.17	0.16	XM_356174.1	
5730405K23Rik	218	1.17	0.14	XM_489612	
Cyb561d1	144	1.17	0.08	XM_485295	
Axin	907	1.17	0.12	XM_128515.4	
BC023151	80	1.17	0.36	NM_145387	
Usp19	257	1.17	0.24	NM_027804	
Ap3b2	448	1.17	0.20	NM_021492	



Hipk2	97	1.17	0.35	AK016742	
Tfb1m	622	1.16	0.15	NM_146074.1	
Tbrg1	3324	1.16	0.08	NM_025289.1	
Zc3h12a	51	1.16	0.11		
Trim26	1672	1.16	0.09	NM_030698	
1700081H05Rik	96	1.16	0.45	XM_147789.1	
Scn8a	38	1.16	0.33	NM_011323.1	
Rnf130	2314	1.16	0.30	NM_021540.2	
C530044D11Rik	39	1.16	0.07	AK049717	
Klc2	100	1.16	0.14	NM_008451.1	
1300006C06Rik	3485	1.16	0.44	NM_028792.1	
Dnmt1	2755	1.16	0.11	NM_010066.2	
1620402D19Rik	37	1.16	0.29	AK028073	
9530013D10Rik	74	1.16	0.20	AK035303	
Coq2	3284	1.16	0.03		
2810032G03Rik	247	1.16	0.08	NM_028318.2	
Ppp2ca	17912	1.16	0.15	NM_019411.2	
LOC384296	58	1.16	0.29	XM_357551.1	
A930012E17Rik	55	1.16	0.38	AK044427	
Nol6	820	1.16	0.23	NM_139236.1	
2610528E23Rik	132	1.16	0.31	XM_148465.1	
Rasal1	80	1.16	0.08	NM_013832.2	
1190005N23Rik	230	1.16	0.15		
Snip1	1536	1.16	0.11	NM_175246.2	
2400003N08Rik	8507	1.16	0.12	NM_178622.3	
Hapln4	1135	1.16	0.11	NM_177900.3	
Aptx	106	1.16	0.19	NM_025545	
Als2cr4	1623	1.16	0.25		
Mta1	427	1.16	0.39	NM_054081.1	
Slc35d1	861	1.16	0.14	NM_177732	
Nol5	5407	1.16	0.27	NM_018868.1	
D130063H01Rik	1965	1.16	0.33	AK051669	
Endog1	264	1.16	0.27	NM_172456.1	
Map17	131	1.16	0.33	NM_026018.1	
A730008L03Rik	804	1.16	0.05	NM_021393.1	
C030027F11Rik	63	1.16	0.38	AK047762	
LOC235279	36	1.16	0.14	XM_146810.2	
1700003E16Rik	328	1.16	0.36	XM_110614.2	
Csrp1	604	1.16	0.41	NM_007791.2	
Fbxw5	2827	1.16	0.02	NM_013908.1	
LOC384677	162	1.16	0.70	XM_357785.1	
Hexa	1333	1.16	0.25	NM_010421	
Nqo3a2	923	1.16	0.45	NM_028057.1	
Stx4a	576	1.16	0.25	NM_009294	
Prkab1	1775	1.16	0.28	NM_031869.1	
Ntrk1	238	1.16	0.40	XM_283871.1	
Rab25	1058	1.16	0.21	NM_016899	
Ogfr	3403	1.16	0.18	NM_031373.2	
1200015E14Rik	370	1.16	0.20		
BC039282	192	1.16	0.21	XM_358340	
2700017M01Rik	6405	1.16	0.11	NM_028292.1	
9530002O20Rik	42	1.16	0.53		
Ercc2	203	1.16	0.34	NM_007949.2	
Mtrf1	206	1.16	0.19	NM_145960	
Rbbp7	9561	1.16	0.05	NM_009031.2	
1110063F24Rik	768	1.16	0.34	NM_133889.2	
Nup93	739	1.16	0.05	NM_172410.1	
A930014K01Rik	86	1.16	0.43	NM_175537.2	
1700029I15Rik	74	1.16	0.29	NM_183112.1	
Adfp	89	1.16	0.20	NM_007408.2	
Mycs	245	1.16	0.05	NM_010850	
Smad1	700	1.16	0.10	NM_008539.3	
Slc25a11	987	1.16	0.22	NM_024211.2	
Mpv17	402	1.16	0.11	NM_008622.1	
1700067K01Rik	75	1.16	0.48	NM_183097.1	
Rdh12	353	1.16	0.27	XM_126957.1	
9030418M05Rik	96	1.16	0.21	NM_133681.2	
LOC383301	103	1.16	0.39	XM_356973.1	

A730094H17Rik	412	1.16	0.25	AK043421	
Xpa	333	1.16	0.34	NM_011728.1	
0710005I19Rik	958	1.16	0.14	XM_194334.3	
4930442M18Rik	108	1.16	0.18		
1110039B18Rik	448	1.16	0.21	NM_144525.2	
Epha4	48	1.16	0.19	NM_007936.2	
5730552M22Rik	197	1.16	0.25	AK017836	
Rab28	7689	1.16	0.11	XM_132086	
Ltap	254	1.16	0.07	NM_033509.2	
4921540A03Rik	67	1.16	0.35		
Tbl2	756	1.16	0.12	NM_013763.2	
1300001I01Rik	447	1.16	0.18	XM_181333.2	
LOC241293	77	1.16	0.23	XM_140862.1	
Pvr	270	1.16	0.18	NM_009310	
2210402C18Rik	866	1.16	0.67	NM_027309.1	
9630028G16Rik	55	1.16	0.09	AK036031	
4930447P04Rik	492	1.16	0.13	AK019617	
Arf3	1965	1.16	0.12	NM_007478.2	
Slc5a5	238	1.16	0.19	NM_053248	
Slc29a4	3743	1.16	0.19	NM_146257.1	
Igfbp4	2977	1.16	0.11	NM_010517.2	
Bloc1s3	286	1.16	0.32	NM_177692.2	
Rfc4	1124	1.16	0.25	NM_145480	
BC019977	1623	1.16	0.23	NM_144941.2	
Nrip3	1783	1.16	0.11	NM_020610.1	
Pttg1ip	6243	1.16	0.11	NM_145925.1	
Prpf18	1214	1.16	0.20		
5730406O18Rik	1131	1.16	0.06	AK017510	
Ppm1b	4397	1.16	0.30	NM_011151.1	
A430034D21Rik	62	1.16	0.29		
Al875142	457	1.16	0.25		
Exdl2	1726	1.16	0.02		
C330018L13Rik	844	1.16	0.10	NM_080562.2	
Tnfrsf19l	46	1.16	0.27	NM_177073	
Spata2	135	1.16	0.21	NM_170756.1	
D330006C15Rik	45	1.16	0.39	AK052196	
Kifc5a	579	1.16	0.12	NM_053173.1	
Tcfcp2	125	1.16	0.15	AK051891	
scl0003092.1_40	1192	1.16	0.01		
B230209C24Rik	95	1.16	0.23	AK045534	
Zfp235	134	1.16	0.16	NM_019941.1	
Slc19a1	974	1.16	0.08	NM_031196.1	
Ssrp1	2606	1.16	0.05	NM_182990.1	
9430062J17Rik	37	1.16	0.42	NM_177746.2	
0710007A14Rik	1627	1.16	0.25	NM_023343.1	
E130001M03Rik	173	1.16	0.54	AK053253	
Wdr21	399	1.16	0.28	NM_030246.1	
Ddx11	639	1.16	0.15	XM_128714.3	
A830089H19Rik	35	1.16	0.51	AK044095	
Polb	330	1.16	0.11	NM_011130.1	
Thoc3	394	1.16	0.48	NM_028597.1	
4933425K02Rik	161	1.16	0.21	AK015318	
D930001I22Rik	1410	1.16	0.09	NM_173397	
Cog1	2568	1.16	0.06		
Apg4b	100	1.16	0.48	NM_174874.1	
Gnb5	533	1.16	0.08	NM_010313.1	
Dusp23	91	1.16	0.23	XM_129566	
Nars	2532	1.16	0.13	NM_027350.1	
Omp	60	1.16	0.28	NM_011010.1	
Golga7	774	1.16	0.06	NM_020585.1	
Fv1	13662	1.16	0.16	NM_010244	
Traf7	480	1.16	0.39	NM_153792.1	
4732467L16Rik	35	1.16	0.80	NM_177667.2	
D930033H10Rik	89	1.16	0.17		
Polr2a	167	1.16	0.42	NM_009089	
Bikl	182	1.16	0.47	NM_007546.1	
Bap1	749	1.16	0.21	NM_027088.1	
D930020L01	52	1.16	0.25		

Elac2	278	1.16	0.08	AK003759	
Olfir638	37	1.16	0.13	NM_147120	
Ldb3	192	1.16	0.24	NM_011918.1	
9.33015E+22	51	1.16	0.55		
D6Erttd245e	2621	1.16	0.30	NM_177762.3	
Morf4l2	44301	1.16	0.08	NM_019768.2	
Fahd2a	98	1.16	0.07		
Abtb1	250	1.16	0.25	NM_030251.1	
Spsb3	1110	1.16	0.14		
Nkx6-2	91	1.16	0.36	NM_183248.1	
Flnb	395	1.16	0.36	XM_127565.4	
5730411O18Rik	144	1.16	0.56	NM_177370.2	
LOC208166	113	1.16	0.18	XM_156182.2	
Bicap	1444	1.16	0.25	NM_016916.2	
Aoc2	179	1.16	0.32	NM_178932.1	
Iqgap2	134	1.16	0.39		
1100001A21Rik	554	1.15	0.36	NM_025651.2	
Zfp386	237	1.15	0.13	NM_019565	
Acy3	274	1.15	0.20	NM_027857.2	
Aim1l	366	1.15	0.12	XM_131754	
C230098O21Rik	829	1.15	0.13		
Psm14	2124	1.15	0.14	NM_021526	
LOC383873	85	1.15	0.38	XM_357304.1	
Dnajc3	310	1.15	0.17	NM_008929.2	
Arl6	4982	1.15	0.21	NM_019665	
Maged2	5526	1.15	0.11	NM_030700.1	
Irak1bp1	51	1.15	0.32	NM_022986.2	
18S_rRNA_X0068	68410	1.15	0.16		
Sesn2	419	1.15	0.28	NM_144907.1	
2310003P10Rik	659	1.15	0.08	NM_175145.2	
4930487N19Rik	877	1.15	0.20	AK015640	
D230029K13Rik	72	1.15	0.17	AK051976	
Pcyox1	1169	1.15	0.14	NM_025823.3	
Frat1	66	1.15	0.27	NM_008043.2	
1810047C23Rik	1364	1.15	0.13	NM_138668.1	
Mast3	3453	1.15	0.15	NM_199308.1	
Eef1a1	38687	1.15	0.12	XM_203909.2	
4930563F16Rik	65	1.15	0.11	AK016205	
A330021D07Rik	430	1.15	0.10	AK039311	
Mscp	218	1.15	0.10	NM_030054.2	
2810012G08Rik	310	1.15	0.07		
Dmrt2	86	1.15	0.25	NM_145831.1	
Kcnc4	444	1.15	0.08	NM_145922	
Nup54	481	1.15	0.31	NM_183392.1	
E130309D02Rik	248	1.15	0.12	NM_172726.2	
Rad23b	632	1.15	0.27	NM_009011.2	
Enah	51	1.15	0.17	AK020248	
Ipp	981	1.15	0.20	NM_008389.1	
1110055N21Rik	1468	1.15	0.24	NM_176843	
Garnl3	439	1.15	0.29	NM_178888.3	
LOC235997	64	1.15	0.06	XM_142573.1	
Wdr31	264	1.15	0.09	NM_023597.1	
Marveld1	270	1.15	0.10	NM_183195.1	
Tssc1	1712	1.15	0.16	NM_201357.1	
A630053N20Rik	878	1.15	0.14	AK042036	
LOC383899	1108	1.15	0.05	XM_357316.1	
Rcl1	1512	1.15	0.17	NM_021525.2	
Gls2	1055	1.15	0.16	XM_125928	
Ing4	742	1.15	0.03	NM_144510	
Ube2e2	1767	1.15	0.16	NM_144839.1	
2400007G07Rik	6276	1.15	0.09	AK010296	
6330407D12Rik	1966	1.15	0.05	NM_175098.2	
6330419J24Rik	48	1.15	0.42	NM_183030	
Vcp	12520	1.15	0.09	NM_009503.2	
Gbl	1168	1.15	0.04	NM_019988.2	
Zfp526	57	1.15	0.40	NM_175436.2	
scl000510.1_2	94	1.15	0.26		
scl0001419.1_32	2675	1.15	0.05		

Cmklr1	94	1.15	0.40	NM_008153	
Ascc1	652	1.15	0.38	XM_483908	
LOC235857	465	1.15	0.24	XM_135371.3	
Nol3	521	1.15	0.11	NM_030152.2	
Kazald1	57	1.15	0.15	NM_178929	
Katna1	1213	1.15	0.18	NM_011835.1	
4632434I11Rik	113	1.15	0.29	NM_028729.1	
A130021C14Rik	47	1.15	0.93	AK037486	
C330046L10Rik	42	1.15	0.56	NM_198421.1	
Tjp1	240	1.15	0.29	NM_009386.1	
Repin1	2315	1.15	0.17	NM_175099.2	
Map1lc3b	605	1.15	0.34	NM_026160	
H3f3a	5386	1.15	0.23	NM_008210.2	
Map3k6	78	1.15	0.17	NM_016693	
Zfp365	356	1.15	0.24	NM_178679.1	
Rrn3	555	1.15	0.06	XM_358764.1	
Il17r	170	1.15	0.19	NM_008359	
Knsl5	529	1.15	0.21	AK076271	
LOC210582	1120	1.15	0.33	XM_109592.2	
Smarcd2	5188	1.15	0.26	NM_031878.1	
LOC383293	134	1.15	0.09	XM_356969.1	
D0HXS9928E	1488	1.15	0.19	NM_138607.1	
Gab3	56	1.15	0.15	NM_181584.2	
1810054D07Rik	280	1.15	0.10	AK007856	
Cdk10	173	1.15	0.28	NM_194444.1	
9630028B13Rik	119	1.15	0.15	NM_176943.2	
Gnb2-rs1	333	1.15	0.11	NM_008143.2	
A930009E05Rik	187	1.15	0.28	XM_489135	
Pwp2	436	1.15	0.16		
1110001A12Rik	1433	1.15	0.11	NM_029571.1	
5430400L16Rik	47	1.15	0.52	AK077369	
Gclm	2334	1.15	0.48	NM_008129.2	
2310042N02Rik	135	1.15	0.16	NM_024246.3	
LOC208748	572	1.15	0.50	XM_141833.2	
E330019I03Rik	83	1.15	0.18	AK054364	
Cla3	79	1.15	0.32	AK088401	
Il11ra2	269	1.15	0.09	NM_010550	
C920006O11Rik	78	1.15	0.29	XM_489286	
Ndufs2	1533	1.15	0.18	NM_153064.3	
LOC242025	90	1.15	0.20	XM_143236.3	
Tcea3	39	1.15	0.61	NM_011542	
2900003A17Rik	52	1.15	0.21		
LOC327951	66	1.15	0.26	XM_282990.2	
C030025P15Rik	625	1.15	0.32	NM_177287	
1110029L17Rik	1946	1.15	0.23		
Taf9b	1831	1.15	0.37		
scl000048.1_50_F	2368	1.15	0.13		
E330017O14Rik	45	1.15	1.00	AK054351	
Selk	1105	1.15	0.18	NM_019979.1	
0610005A07Rik	84	1.15	0.39	XM_359308.1	
Mdga1	48	1.15	0.26	XM_193868.3	
Zfp467	161	1.15	0.13	NM_020589	
Camk1	239	1.15	0.15	NM_133926.1	
C330018C16Rik	108	1.15	0.20	AK049267	
Src	170	1.15	0.29	NM_009271.1	
Atp8b3	64	1.15	0.15	NM_026094.3	
B230323K17Rik	121	1.15	0.28	AK045923	
Muted	574	1.15	0.09	NM_178054	
Grp58	14524	1.15	0.09	NM_007952.1	
Sars2	133	1.15	0.28		
Tacc1	384	1.15	0.24		
A730011F23Rik	348	1.15	0.31	XM_132426.2	
9330161F08Rik	1181	1.15	0.21	NM_145469.1	
D930010J01Rik	60	1.15	0.40	NM_134147.2	
2700078K21Rik	164	1.15	0.48	AK012535	
BC004012	4341	1.15	0.40	NM_138671	
Cldn23	545	1.15	0.29	NM_027998.2	
Klhdc3	445	1.15	0.47	NM_027910.1	

Gm587	151	1.15	0.04		
LOC384281	707	1.15	0.25	XM_357540.1	
Ptp4a2	5827	1.15	0.07	NM_008974.2	
Scyl1	148	1.15	0.51	NM_023912.1	
4930539E08Rik	256	1.15	0.07	NM_172450.1	
Cops7b	470	1.15	0.04	NM_172974.1	
Mtss1	138	1.15	0.38	NM_144800.1	
1700025G04Rik	419	1.15	0.15	NM_197990.1	
LOC239083	501	1.15	0.30	XM_139038.2	
Siat8c	360	1.15	0.05	AK015874	
Me2	688	1.15	0.17	NM_145494.1	
2310033E01Rik	46	1.15	0.08		
Cenpl	1899	1.15	0.28		
G630055P03Rik	723	1.15	0.31	NM_177150.1	
Osbpl3	199	1.15	0.19	NM_027881.1	
LOC225010	39	1.15	0.38	XM_128781.4	
Dbt	180	1.15	0.14	NM_010022.1	
Lymr1	150	1.15	0.18		
Syngn3	932	1.15	0.32	NM_011522.2	
Gart	4283	1.15	0.14	NM_010256.1	
Nit1	769	1.15	0.07	NM_012049.1	
Slc4a1ap	798	1.15	0.04	NM_009206.1	
6330403M23Rik	2613	1.15	0.24		
Rttm	69	1.15	0.12	NM_175542	
Cib3	166	1.15	0.17	XM_356089.1	
Anxa11	305	1.15	0.71	AK044203	
1110063G11Rik	541	1.14	0.10	NM_178874.2	
ICRFP703B1614C	188	1.14	0.51	NM_020616.1	
C130022K22Rik	1827	1.14	0.12	NM_172730.1	
D630003K02Rik	45	1.14	0.08	NM_177216	
Actr1a	4826	1.14	0.17	NM_016860.1	
Keo4	1014	1.14	0.13	NM_145502.2	
2810403P18Rik	514	1.14	0.13	NM_181590.2	
Nme7	3435	1.14	0.03	NM_138314.1	
A730008H23	511	1.14	0.10	NM_172505.1	
Eif4a1	13960	1.14	0.10	NM_144958.2	
Pygl	45	1.14	0.49	NM_133198.1	
A730046J19Rik	37	1.14	0.39		
Bach1	922	1.14	0.26	NM_007520.1	
Chic2	3435	1.14	0.25	AK015681	
BC051244	230	1.14	0.11	NM_178413	
AA881470	664	1.14	0.10	NM_172724	
B230353J12Rik	41	1.14	0.54	AK046216	
Zscan21	214	1.14	0.42		
Eil	2013	1.14	0.17	NM_007924.1	
Al481100	203	1.14	0.20	NM_019440.2	
4432404P07Rik	136	1.14	0.10		
A330017A19Rik	69	1.14	0.65	AK039293	
Nrbf2	965	1.14	0.10	NM_025307	
LOC192950	311	1.14	0.38	XM_109794.2	
LOC330731	37	1.14	0.46	XM_282816.2	
Vdac2	2852	1.14	0.28	NM_011695.1	
scl0003155.1_68	158	1.14	0.36		
2610039C10Rik	2180	1.14	0.25		
Lamp1	10851	1.14	0.14	NM_010684	
B230339C08Rik	33	1.14	0.91	AK046059	
LOC380637	120	1.14	0.52	XM_358391.1	
Mrg1	315	1.14	0.11	AK045126	
Slc25a34	61	1.14	0.12		
Nudt10	1291	1.14	0.04		
Trib3	2903	1.14	0.03	NM_175093.1	
Gspt1	36708	1.14	0.20	NM_146066.1	
Asf1b	347	1.14	0.25	NM_024184.1	
Klf4	249	1.14	0.43	NM_010637	
Csrp2bp	1332	1.14	0.12	NM_181417.2	
2700050P07Rik	377	1.14	0.26	NM_133927.1	
4933437N03Rik	82	1.14	0.28	NM_025765	
Letmd1	732	1.14	0.20	NM_134093.1	

scl0004158.1_6	122	1.14	0.41		
Arl2bp	630	1.14	0.24	NM_024269.2	
BC023835	685	1.14	0.41	NM_172116	
Atf5	4986	1.14	0.05	NM_030693.1	
D5Ertd708e	807	1.14	0.13	NM_024216.1	
BC038881	253	1.14	0.04	XM_355977	
Sbf1	1134	1.14	0.37	XM_358316.1	
Rabep2	340	1.14	0.25	NM_030566.1	
LOC232606	960	1.14	0.25	XM_124826.2	
LOC243823	96	1.14	0.14	XM_145307.2	
Dapk3	485	1.14	0.10	NM_007828.1	
Ercc5	2150	1.14	0.03	NM_011729.1	
LOC242726	66	1.14	0.19	XM_144067.1	
Bai2	52	1.14	0.25	NM_173071.1	
Tspan7	3044	1.14	0.42		
4930438O03Rik	40	1.14	0.50	XM_132350.2	
Scg2	2405	1.14	0.21	NM_009129.1	
6330580J24Rik	256	1.14	0.15	NM_026378.2	
Dab2ip	897	1.14	0.33	XM_130206.4	
Dhh	61	1.14	0.18	NM_007857	
Gpsm1	823	1.14	0.09	NM_153410.2	
Taf9	796	1.14	0.09	NM_027139.3	
3200001K10Rik	231	1.14	0.05	XM_131950.2	
C820007E08Rik	48	1.14	0.31	AK050521	
Gnb1	9028	1.14	0.28	NM_008142.2	
Rhbdf1	408	1.14	0.01	NM_010117.1	
LOC381674	1653	1.14	0.23	XM_355646.1	
Ddx24	1693	1.14	0.25	AK084251	
Glb1	721	1.14	0.09	NM_009752.1	
C330016O10Rik	96	1.14	0.16	NM_145974.2	
AI597479	1896	1.14	0.19	NM_133818.1	
A430107P09Rik	91	1.14	0.21	NM_177288.2	
E530004K11Rik	43	1.14	0.03	AK089126	
Slc25a3	5728	1.14	0.11	NM_133668.2	
Ubb	71854	1.14	0.15	NM_011664.1	
2810455F06Rik	940	1.14	0.09	XM_130011.5	
1110001E17Rik	198	1.14	0.35	NM_144534.1	
Ltbr	351	1.14	0.47	NM_010736.1	
scl0003251.1_21	108	1.14	0.07		
1110059P08Rik	88	1.14	0.85	NM_025418.2	
2810407C02Rik	468	1.14	0.14	XM_283848.2	
1810073G14Rik	2697	1.14	0.19	NM_026342.1	
2310001H12Rik	438	1.14	0.03	NM_145563.1	
Rrm2	564	1.14	0.06	NM_009104	
Aspscr1	497	1.14	0.20	NM_026877.1	
Cox11	262	1.14	0.32	NM_199008.1	
Nfkbib	292	1.14	0.17	NM_010908.3	
Fkbp14	122	1.14	0.39	NM_153573.1	
Ubap2	2466	1.14	0.19	NM_026872.1	
Obgrp	1416	1.14	0.27	NM_175036	
Mad2l1	2376	1.14	0.21	NM_019499	
Dnajc8	608	1.14	0.17	NM_172400	
Cdk9	676	1.14	0.23	NM_130860.1	
A930018M24Rik	38	1.14	0.28	NM_199318	
G630038I01Rik	75	1.14	0.04	AK090290	
Foxo6	87	1.14	0.13	NM_194060.1	
A630034E16Rik	51	1.14	0.29	AK041749	
Syt11	5085	1.14	0.07	NM_018804.2	
Sec3l1l	615	1.14	0.17	XM_132230.3	
Hsd17b7	660	1.14	0.19	NM_010476.2	
Pacs1	632	1.14	0.34	XM_283545.1	
Dlg7	381	1.14	0.33	NM_144553.1	
Scrib	221	1.14	0.29	NM_134089.1	
Ubadc1	931	1.14	0.13	NM_133835.1	
Olf1105	41	1.14	0.35		
Fancl	315	1.14	0.12	NM_025923.2	
1700028J19Rik	75	1.14	0.44	XM_204266.2	
A630086H07Rik	79	1.14	0.07	AK080384	

Dazap1	3143	1.14	0.13	AK010657	
Kars	497	1.14	0.08	BC035324	
A930019L04Rik	190	1.14	0.20		
4931440N07Rik	228	1.14	0.08	NM_201368.1	
LOC232879	619	1.14	0.52	XM_133186.5	
LOC214249	50	1.14	0.48	XM_135486.3	
4930432K21Rik	79	1.14	0.18	XM_134324.4	
Rapgef1	281	1.14	0.16	NM_054050.1	
4921533J23Rik	95	1.14	0.07	AK014997	
Ars2	1718	1.14	0.22	NM_031405.1	
Cryzl1	2269	1.14	0.13	NM_133679.1	
Zcchc9	220	1.14	0.19	NM_145453.1	
Atpaf2	673	1.14	0.15	NM_145427.1	
LOC270665	58	1.14	0.67	XM_195245.2	
Olfr1412	48	1.14	0.40	NM_146277	
1110014C03Rik	4605	1.14	0.07	NM_026775.2	
Mtap	906	1.14	0.08	NM_024433.1	
Lass5	1084	1.14	0.26	BC043059	
Nol5a	3472	1.14	0.07	NM_024193.1	
Gm1040	48	1.14	0.64		
Gnl2	2275	1.14	0.07	NM_145552	
Hemk1	513	1.14	0.25	NM_133984.1	
Mcm10	804	1.14	0.12	NM_027290.1	
Mki67ip	5216	1.14	0.10	NM_026472.2	
Crmp1	817	1.14	0.10	NM_007765.3	
Mela	36698	1.14	0.12	NM_008581.1	
C030004B10Rik	54	1.14	0.47	AK081207	
Nte	406	1.14	0.11	NM_015801	
Nfatc3	407	1.14	0.22	AK039929	
LOC218696	279	1.14	0.05	XM_122655.5	
2310008H04Rik	1601	1.14	0.13	NM_146068	
Drbp1	1503	1.14	0.04	NM_178090.2	
Prdm15	465	1.14	0.37		
Dtx2	732	1.14	0.13	NM_023742.1	
Fnbp1	244	1.14	0.37	NM_019406.1	
Abcb6	1343	1.14	0.11	NM_023732.2	
Agxt2l2	313	1.14	0.05		
C130023A14Rik	54	1.14	0.13		
Phox2b	55	1.14	0.32	NM_008888.1	
1200007D18Rik	1746	1.14	0.08	NM_026170.2	
Rtn1	855	1.14	0.35	NM_153457.4	
Nfkbie	58	1.14	0.58	NM_008690.2	
2900008M13Rik	1430	1.14	0.16	XM_110121.4	
LOC245297	143	1.14	0.14	XM_143006.1	
LOC329750	8464	1.14	0.15	XM_287286.2	
E430018J23Rik	355	1.14	0.10	NM_198011.1	
Lmtk2	642	1.14	0.18	XM_132499	
LOC225456	10557	1.14	0.19	XM_123230.2	
Tmem111	2926	1.14	0.13		
Farsb	12511	1.14	0.10		
Serbp1	5139	1.14	0.19		
Dscr1	942	1.14	0.16	AF260717	
Trp53rk	155	1.14	0.19	NM_023815	
Ddef2	174	1.14	0.43		
Lmb2	609	1.14	0.05	NM_010722.2	
Dapp1	63	1.14	0.21	NM_011932.1	
Olfr694	40	1.14	0.44	NM_146452.1	
Btbd12	2161	1.14	0.26	NM_177472.3	
9530018I07Rik	4722	1.14	0.32		
C530038F07Rik	65	1.14	0.23	AK083047	
Sco1	76	1.13	0.43		
scl000171.1_4	67	1.13	0.04		
E330037N20Rik	43	1.13	0.35	AK087894	
Giyd2	38	1.13	0.22		
Asphd2	1201	1.13	0.04		
A830020B06Rik	1386	1.13	0.17	NM_175564.2	
Clk3	536	1.13	0.26	AK002964	
Kcna1	30	1.13	0.50	NM_010595.2	

Cstf3	1961	1.13	0.07	NM_145529.1	
Klf13	1331	1.13	0.43	NM_021366	
D130083G05Rik	959	1.13	0.15	AK084071	
Bckdhb	424	1.13	0.32	NM_199195.1	
Tlx3	221	1.13	0.44	NM_019916.1	
9130213B05Rik	59	1.13	0.51	NM_145562.1	
LOC384100	58	1.13	0.03	NM_206871	
Traf3	1314	1.13	0.15	NM_011632.1	
Kcnk6	54	1.13	0.25	XM_355877	
Poli	720	1.13	0.11	NM_011972.1	
2900046G09Rik	1682	1.13	0.22	NM_133778.1	
Pdha1	2205	1.13	0.04	NM_008810.2	
Rnf6	3047	1.13	0.10	NM_028774.1	
9430057O19Rik	39	1.13	0.33	NM_174849.2	
2210410P13Rik	756	1.13	0.14		
Rab39b	269	1.13	0.10	NM_175122.2	
1700085B03Rik	94	1.13	0.09		
Gtpbp4	6338	1.13	0.12	NM_027000.2	
2410112O06Rik	420	1.13	0.12	AK010766	
Slc20a2	336	1.13	0.16	AK076380	
Polr3a	158	1.13	0.09	XM_487324	
Pxmp3	1427	1.13	0.16	NM_008994.2	
Wdr34	1370	1.13	0.38	XM_130136.1	
Pigb	94	1.13	0.22	NM_018889.1	
Mre11a	338	1.13	0.15	NM_018736.2	
2700025J07Rik	448	1.13	0.32	AK012290	
Reep1	1825	1.13	0.20		
5730481H23Rik	60	1.13	0.39	AK036995	
D11Bwg0414e	7367	1.13	0.17		
Pddc1	454	1.13	0.29		
Vars	2840	1.13	0.07		
2410018E23Rik	56	1.13	0.63	XM_150076.1	
Mast2	2282	1.13	0.36	NM_008641.1	
Nlk	497	1.13	0.19	NM_008702.2	
Ccdc11	49	1.13	0.29		
Cetn4	151	1.13	0.55		
6430511F03	541	1.13	0.12		
Tuft1	1686	1.13	0.15	NM_011656.1	
Riok1	284	1.13	0.06	NM_024242.2	
Trappc3	466	1.13	0.28	NM_013718.2	
Tubb5	28527	1.13	0.09	NM_011655.2	
Fzr1	3639	1.13	0.12	NM_019757.1	
Kctd2	1706	1.13	0.20	NM_183285.1	
E130309D14Rik	62	1.13	0.78		
4921517L17Rik	44	1.13	0.58	XM_130609.2	
Mafg	1703	1.13	0.13	NM_010756.3	
Yeats4	1684	1.13	0.24	NM_026570.1	
Slc35c1	6889	1.13	0.14	NM_145832.2	
2510003B16Rik	52	1.13	0.32		
Mapk8ip1	3290	1.13	0.06		
D7Ert156e	4141	1.13	0.14	NM_153057.2	
Gars	45391	1.13	0.02	NM_180678.2	
Arfgap3	366	1.13	0.30	NM_025445.2	
LOC229810	2961	1.13	0.10	XM_124173.2	
Gjb5	35	1.13	0.13	NM_010291.2	
Mtch1	14107	1.13	0.21	NM_019880.2	
D4Bwg1540e	176	1.13	0.32	NM_026257.1	
A630022G20Rik	449	1.13	0.13	AK041581	
Dap	212	1.13	0.13	NM_146057.1	
Hdac10	165	1.13	0.39	NM_199198.1	
2010008E23Rik	130	1.13	0.09	XM_126502.4	
Al429152	128	1.13	0.17	NM_153126.1	
6430604K15Rik	554	1.13	0.08	NM_175560.2	
5330412A19Rik	43	1.13	0.76	AK077316	
Slc22a7	165	1.13	0.28	NM_144856.1	
Ptprs	1349	1.13	0.36	AK032604	
LOC243245	359	1.13	0.17	XM_144541.3	
scl000408.1_6	1167	1.13	0.11		



Tnfrsf4	217	1.13	0.35	NM_011659	
D030063E12	702	1.13	0.28		
Maged1	31014	1.13	0.23	NM_019791.1	
Bpy2ip1	792	1.13	0.33	NM_173013.1	
LOC237408	84	1.13	0.63	XM_137196.3	
Hpn	690	1.13	0.08	NM_008281.1	
Fbxo7	270	1.13	0.38	NM_153195.1	
Noc2l	5911	1.13	0.08		
Gas6	52	1.13	0.42	NM_019521.1	
Zswim5	143	1.13	0.49	XM_204114.3	
Cct6a	14930	1.13	0.10	NM_009838	
4933417K04Rik	339	1.13	0.29	NM_153518.1	
Zfp91	536	1.13	0.10	XM_484778	
Pfkl	4368	1.13	0.16	NM_008826.2	
D030068E18Rik	30	1.13	0.62	AK083698	
Upb1	145	1.13	0.15	NM_133995.1	
Flot1	993	1.13	0.08	NM_008027.1	
2210410D02Rik	45	1.13	0.20	AK008881	
1700087I21Rik	79	1.13	0.25		
Prkd2	2262	1.13	0.23		
Snape4	547	1.13	0.16	NM_172339.1	
2610018I03Rik	404	1.13	0.08	XM_135023.2	
B3galt4	173	1.13	0.23	NM_019420.1	
Galgt1	292	1.13	0.10	AK086849	
Dtx3	2644	1.13	0.60	NM_030714.1	
Wdr22	1788	1.13	0.05	NM_177267	
4930506C02Rik	76	1.13	0.14	NM_175216.2	
A530089A20Rik	1367	1.13	0.07	AK041191	
9530082M04Rik	39	1.13	0.17	AK035659	
mtDNA_COXIII	70868	1.13	0.13		
9130012A08Rik	58	1.13	0.44	AK033581	
2300006M17Rik	78	1.13	0.65	XM_127388.3	
D3Erd751e	69	1.13	0.45		
D16Bwg1494e	99	1.13	0.13	XM_358773.1	
St6galnac2	158	1.13	0.21		
6330575B07Rik	136	1.13	0.24	XM_134032.2	
Cdc42ep4	684	1.13	0.25	NM_020006.1	
LOC386486	430	1.13	0.28	XM_359329.1	
Tpd52l2	1290	1.13	0.24	NM_025482.2	
D11Bwg0280e	296	1.13	0.23	XM_125972.5	
Dync2li1	1231	1.13	0.33		
Zfp410	265	1.13	0.16		
9130011E15Rik	212	1.13	0.18	NM_198296.1	
Tuba1b	54809	1.13	0.18		
5730402C02Rik	603	1.13	0.05	NM_027442	
Olf1198	43	1.13	0.45	NM_207567.1	
Capn5	816	1.13	0.01	NM_007602.2	
4631409F12Rik	79	1.13	0.30	AK028452	
1810049N02Rik	88	1.13	0.17	AK007848	
Ube2l6	51	1.13	0.16	NM_019949.1	
Cdk7	38	1.13	0.25	NM_009874.1	
Pus3	1002	1.13	0.16	NM_023292.2	
Leprel2	385	1.13	0.26	NM_013534.1	
Zdhhc24	205	1.13	0.13		
2510016D11Rik	43	1.13	0.34	XM_149660.1	
Aldh3b1	1024	1.13	0.12	NM_026316.2	
2900026A02Rik	784	1.13	0.27	NM_172884	
6430512A10Rik	3537	1.13	0.28	XM_355585.1	
2610029D06Rik	1196	1.13	0.10	NM_030199.2	
Hspa2	1506	1.13	0.10	NM_008301.2	
Zdhhc14	57	1.13	0.40	NM_146073.2	
Pcdh21	3160	1.13	0.35	NM_130878.2	
Mpg	94	1.13	0.20	NM_010822.2	
C330007D15Rik	120	1.13	0.15	XM_486010	
BC018222	103	1.13	0.31	NM_144936.1	
Hspg2	131	1.13	0.15	NM_008305.2	
BC006909	1613	1.13	0.18	NM_145589.2	
1700027M01Rik	1048	1.13	0.03	NM_023544.2	

Jund1	155	1.13	0.19	NM_010592.3	
Slc25a10	232	1.13	0.15	NM_013770	
D19Wsu12e	966	1.13	0.11	XM_358328.1	
Pank4	2390	1.13	0.32	NM_172990.1	
Cpeb1	229	1.13	0.25	NM_007755.1	
Stard4	3483	1.13	0.14	NM_133774.2	
Cst11	50	1.13	0.17	XM_283777.2	
C430045M10Rik	199	1.13	0.11	AK049579	
F830004M19Rik	66	1.13	0.24	NM_177106.2	
Zfp191	1010	1.13	0.29	NM_021559.1	
Eps811	47	1.13	0.22	NM_026146.2	
2900056M20Rik	62	1.13	0.20		
Slc25a15	338	1.13	0.08	NM_181325.2	
Cyp4f14	89	1.13	0.15	NM_022434.1	
Arhgap9	121	1.13	0.26	NM_146011.1	
Nnp1	317	1.13	0.20	NM_010925.1	
Trcg1	61	1.12	0.23		
Zfp213	563	1.12	0.01		
A430073A17Rik	54	1.12	0.44	AK079805	
4732473B16Rik	44	1.12	0.33	NM_175307.2	
A430075I06Rik	40	1.12	0.49	AK079811	
Nagk	747	1.12	0.11	AK051368	
Fzd10	172	1.12	0.24	NM_175284.3	
Gstz1	4853	1.12	0.13	NM_010363.2	
1110007C09Rik	51	1.12	0.40	NM_026738.1	
2500002A22Rik	405	1.12	0.21	AK010848	
9530046H09Rik	358	1.12	0.19	NM_145486.2	
9630019K15Rik	55	1.12	0.55	NM_178774.3	
Slco4a1	460	1.12	0.28	NM_148933.1	
2610009I02Rik	194	1.12	0.17	NM_028115	
B230105J10	741	1.12	0.10	XM_484075	
Mir	460	1.12	0.11	NM_027920.3	
4930515G13Rik	106	1.12	0.18	XM_484604	
Akna	93	1.12	0.66		
Clstn3	645	1.12	0.26	NM_153508.2	
Impdh2	1506	1.12	0.34	NM_011830	
Dync1li2	378	1.12	0.14		
Zfp95	813	1.12	0.14	XM_355663.1	
AJ237586	6154	1.12	0.07	XM_149747.1	
Trappc2	202	1.12	0.32	NM_025432	
4632419K20Rik	914	1.12	0.29	NM_199009.1	
9330129D05Rik	56	1.12	0.33	NM_178799.2	
Snx7	248	1.12	0.35	XM_131162.3	
BC085271	3230	1.12	0.25		
Lrrc49	2394	1.12	0.23		
Tyro3	90	1.12	0.36	NM_019392	
E430019H13Rik	1898	1.12	0.55	XM_130073.3	
2610034N24Rik	3742	1.12	0.13	NM_027256.1	
Bat2	352	1.12	0.15	NM_020027.1	
Jmjd1b	34	1.12	0.68	NM_029518.1	
Pgbd5	214	1.12	0.24	NM_171824.1	
2510048L02Rik	41	1.12	1.29	NM_025977.1	
Cdv3	7993	1.12	0.18	NM_175833.1	
Aebp2	476	1.12	0.03	AK045838	
Rtn2	1924	1.12	0.21	NM_013648.4	
0610009O20Rik	887	1.12	0.18	NM_024179.3	
Myo9b	1613	1.12	0.42	NM_015742.1	
Dhx37	255	1.12	0.03	NM_203319.1	
Lrrc8a	70	1.12	0.57		
Rpa2	503	1.12	0.27	NM_011284.2	
LOC328703	1289	1.12	0.37	XM_147224.2	
2310046M24Rik	372	1.12	0.15	AK050690	
2610524B01Rik	500	1.12	0.32	XM_355594	
1110014P06Rik	67	1.12	0.38	NM_028634.2	
Pim3	4303	1.12	0.28	NM_145478.1	
Cnot10	1064	1.12	0.11	NM_153585.3	
Il6st	98	1.12	0.29	NM_010560	
Sec24c	1515	1.12	0.10	NM_172596.1	

Vamp1	59	1.12	0.30	NM_009496.2
Idh3g	4866	1.12	0.11	NM_008323.1
9030619K07Rik	565	1.12	0.32	AK033556
Drr1	5899	1.12	0.18	
Abcf2	3359	1.12	0.03	NM_013853.1
Mdk	64	1.12	0.31	NM_010784.2
Caacb3	490	1.12	0.23	NM_007581.1
Cbx5	278	1.12	0.11	NM_007626.2
Elf1	94	1.12	0.09	NM_007920.2
Gsg2	306	1.12	0.36	NM_010353.1
EG434171	66	1.12	0.30	
Aff1	233	1.12	0.10	
LOC381357	277	1.12	0.16	XM_358557.1
Dhcr24	123	1.12	0.48	NM_053272.1
D9Erttd402e	264	1.12	0.13	
2300008B03Rik	299	1.12	0.28	NM_175106
Tbl1x	596	1.12	0.12	NM_020601
Sstr2	610	1.12	0.16	NM_009217.1
Ar	45	1.12	0.15	NM_013476.2
P2rx4	468	1.12	0.16	NM_011026.1
Psmc11	256	1.12	0.05	NM_178616.2
Eno1	17106	1.12	0.09	NM_023119
Wdr45l	671	1.12	0.14	
Dyrk4	57	1.12	0.47	NM_207210
Arpc1a	2883	1.12	0.11	NM_019767.1
Csnk2a2	987	1.12	0.13	AK019507
2700067E09Rik	1041	1.12	0.22	NM_175185.2
Vps53	2039	1.12	0.03	
Zfpm1	4491	1.12	0.15	NM_009569.1
4933429F08Rik	40	1.12	0.63	NM_177828.2
Foxl2	36	1.12	0.10	NM_012020.1
2310028O11Rik	95	1.12	0.19	
C330046G03Rik	144	1.12	0.23	NM_145855.1
Pom121	1402	1.12	0.30	NM_148932.1
LOC328752	2060	1.12	0.14	XM_283394.2
Msh6	5116	1.12	0.21	BC051160
Gorasp2	3448	1.12	0.07	NM_027352.2
LOC268935	69	1.12	0.36	XM_148768.4
Xpo6	1195	1.12	0.12	NM_028816
Mknk1	1102	1.12	0.14	NM_021461
LOC245498	38	1.12	0.59	XM_111986.2
Tsc2	3021	1.12	0.15	NM_011647
Ube2e3	1248	1.12	0.12	NM_009454
Pqhc3	316	1.12	0.16	
Tsr2	233	1.12	0.09	
Osgepl1	492	1.12	0.09	NM_028091.2
Afg3l2	663	1.12	0.20	XM_355115.1
H2afy3	270	1.12	0.37	NM_207000.1
Cops4	3308	1.12	0.20	NM_012001.1
Slc1a3	105	1.12	0.34	NM_148938.2
Bcl2	469	1.12	0.07	NM_177410.1
Gng3	68	1.12	0.20	NM_010316.2
Atp6v0d1	2449	1.12	0.21	NM_013477.2
Tmem25	809	1.12	0.07	NM_027865.1
1810022C23Rik	53	1.12	0.22	NM_026947.2
Sbk	1886	1.12	0.31	NM_145587.1
Mdm1	215	1.12	0.26	NM_148922.2
Kcnh1	31	1.12	0.43	NM_010600.1
IGKV2-137_AJ231	45	1.12	0.13	
Mdm2	3118	1.12	0.06	NM_010786.2
Mbd3l2	53	1.12	0.34	NM_144934.2
Shc1	2104	1.12	0.09	NM_011368.3
4930445K14Rik	179	1.12	0.30	
Srebf2	116	1.12	0.18	AK032847
Rhobtb1	288	1.12	0.20	XM_125637
Copb2	6832	1.12	0.13	NM_015827.1
Nsdp1	1053	1.12	0.18	NM_016710.1
Pctk1	2083	1.12	0.31	NM_011049.2

LOC234486	398	1.12	0.18	XM_134462.2	
Decr2	172	1.12	0.20	NM_011933.1	
Tpra40	280	1.12	0.19	NM_011906.1	
Nup210	9930	1.12	0.15	NM_018815.1	
Wdr5	577	1.12	0.24	NM_080848.1	
4933428G09Rik	74	1.12	0.34	NM_025755.2	
Tor1b	1126	1.12	0.07	NM_133673.2	
D430023G06Rik	172	1.12	0.02	AK052440	
LOC241989	81	1.12	0.32	XM_143201.2	
E030004D24Rik	45	1.12	0.18	AK086841	
3300001M20Rik	783	1.12	0.09	NM_175113.1	
Rnf41	147	1.12	0.13	NM_026259.2	
Taf5l	505	1.12	0.09	NM_133966.1	
Dtnbp1	3180	1.12	0.06	NM_025772.3	
Slc12a9	187	1.12	0.04	NM_031406.2	
Hnrpm	6541	1.12	0.12	NM_029804.1	
Atp5a1	2669	1.12	0.12	NM_007505.1	
LOC622665	58	1.12	0.34		
Mapkapk3	283	1.12	0.15	NM_178907	
Nmb	61	1.12	0.45	NM_026523.1	
Dok1	133	1.12	0.21	NM_010070.3	
Aplp1	1003	1.12	0.52	NM_007467.1	
E430028B21Rik	247	1.12	0.23	NM_178668	
2410015J15Rik	1928	1.12	0.11		
Mark4	110	1.12	0.35	NM_172279.1	
D3Erttd194e	6253	1.12	0.11	XM_130881.3	
Rab11fip5	635	1.12	0.12	XM_358365.1	
Tpm1	2094	1.12	0.24	NM_024427	
4933434E20Rik	2372	1.12	0.06	NM_027500.1	
G630008C18Rik	36	1.12	0.16	AK090160	
2610507L03Rik	745	1.12	0.06	NM_028120.1	
Pgm2	12331	1.12	0.07	NM_028132	
Edem2	215	1.12	0.15		
2610022G08Rik	49	1.12	0.16	NM_025574.2	
Khk	72	1.12	0.03	NM_008439.2	
Rnf139	72	1.12	0.36	NM_175226.2	
1110007A13Rik	1667	1.12	0.02	NM_145955.2	
Casp6	356	1.12	0.16	NM_009811.2	
5930418K15Rik	1382	1.12	0.12	XM_355635.1	
Pappa2	1810	1.12	0.03	XM_358337.1	
Kcnn3	111	1.12	0.26	NM_080466.1	
LOC234081	539	1.12	0.12	XM_134040.5	
Tcirg1	169	1.12	0.08	NM_016921.2	
4930418I18Rik	70	1.12	0.44	AK029637	
C1qr1	58	1.12	0.06	NM_010740.1	
Epb4.9	250	1.12	0.08	NM_013514	
Gck	383	1.12	0.16	NM_010292.3	
C630022N07Rik	2525	1.12	0.44		
Prcc	119	1.12	0.27	NM_033573	
Mrpl35	326	1.12	0.33	NM_025430.1	
Lrig1	892	1.12	0.14	NM_008377.1	
Etv6	43	1.12	0.53	NM_007961.2	
Pygo2	3988	1.12	0.20	XM_130932.5	
1810003N24Rik	1989	1.12	0.47	NM_025443.1	
D030044M21Rik	379	1.12	0.25	AK050956	
Fcho1	646	1.12	0.21	NM_028715.2	
Adra2a	74	1.12	0.36	NM_007417.1	
2410039M03Rik	126	1.12	0.04		
2810012G03Rik	2616	1.12	0.06	NM_175104.3	
1200011M11Rik	42	1.12	0.57	NM_024262.1	
LOC239416	41	1.12	0.10	XM_139484.2	
1700048E23Rik	2023	1.12	0.16	NM_028521.1	
Ppp3ca	471	1.12	0.06	NM_008913.1	
Rgs9bp	128	1.12	0.08	NM_145840.2	
Enpp5	165	1.12	0.27	NM_032003.1	
Kif13a	132	1.12	0.25	NM_010617.1	
2700090O03Rik	78	1.12	0.07	XM_150062.1	
Ris2	6595	1.12	0.06	NM_026014.3	

Galnt2	1758	1.12	0.18	NM_139272.2	
Paip1	168	1.12	0.43	NM_145457.2	
Sf3b2	10036	1.12	0.18	NM_030109.1	
Lyplal1	953	1.12	0.02	NM_146106.1	
6820406G21Rik	621	1.12	0.08	AK078477	
Rps6ka1	1610	1.12	0.28	NM_009097	
Galnt12	566	1.12	0.18	NM_172693.2	
Atp9b	297	1.12	0.04	NM_015805	
2400010D15Rik	1791	1.12	0.05	NM_029623.1	
Gatad1	908	1.12	0.05		
lfrd2	137	1.12	0.20	NM_025903.1	
3110023G01Rik	90	1.12	0.43	AK014074	
LOC333789	34	1.12	0.35	XM_290115.2	
Ddx39	50	1.11	0.46	NM_197982.2	
1810026J23Rik	1067	1.11	0.13	NM_178619.3	
Dtx1	791	1.11	0.30	NM_008052.1	
Anp32b	195	1.11	0.22	NM_130889.1	
Skap2	3277	1.11	0.10		
LOC331102	4537	1.11	0.01	XM_284573.2	
LOC226283	76	1.11	0.37	XM_123435.4	
LOC269941	128	1.11	0.18	XM_194358.2	
Otop2	79	1.11	0.42	NM_172801.1	
Ppp1r10	860	1.11	0.05	NM_175934.2	
Spg21	2102	1.11	0.23	NM_138584.1	
Alg8	411	1.11	0.08	NM_199035	
Prkwnk4	60	1.11	0.26	NM_175638	
Car10	33	1.11	0.49	XM_126517.4	
Pabpc4	1931	1.11	0.14	NM_130881	
C630030A18Rik	263	1.11	0.11	AK083235	
Ripk1	511	1.11	0.07	NM_009068.3	
Cd79a	53	1.11	0.98	NM_007655.1	
Snx24	3741	1.11	0.26	NM_029394.2	
Atxn7l2	193	1.11	0.08	NM_175183.2	
Ptpn21	62	1.11	0.25	AK013777	
ldh3a	401	1.11	0.10	NM_029573.2	
Acac	2209	1.11	0.17	XM_109883.4	
4632409L19Rik	187	1.11	0.32	XM_355376.1	
Sca1	231	1.11	0.14	NM_009124.2	
Sqstm1	8294	1.11	0.26	NM_011018.1	
C030046l01Rik	339	1.11	0.46	NM_177994	
Psm2	2519	1.11	0.01	NM_134101.1	
Nr1h2	580	1.11	0.32	AK054508	
Sirt2	566	1.11	0.42	NM_022432.2	
5730403B10Rik	90	1.11	0.20	NM_025670.2	
C030005l21Rik	67	1.11	0.38	AK081212	
Zfp523	901	1.11	0.19	NM_172617.1	
Wiz	167	1.11	0.24	AK005208	
Csnk1e	1860	1.11	0.32	NM_013767.3	
Fabp5	421	1.11	0.15	NM_010634.1	
Pgam1	1383	1.11	0.08	NM_023418.1	
LOC382213	66	1.11	0.19	XM_356326.1	
Galns	69	1.11	0.05	NM_016722	
Bche	59	1.11	0.06	NM_009738.1	
0610012D14Rik	52	1.11	0.14	NM_026690.1	
LOC227078	35	1.11	0.27	XM_136604.2	
Cs	3653	1.11	0.02	NM_026444.2	
Agpat3	196	1.11	0.26	NM_053014.2	
Iqgap3	310	1.11	0.07		
LOC654467	2822	1.11	0.07		
D0Kist3	430	1.11	0.17		
BC017133	1436	1.11	0.06	NM_146169	
Hadhb	3562	1.11	0.28	NM_145558.1	
6330417G03Rik	131	1.11	0.17		
5730525O22Rik	743	1.11	0.10	AK017789	
Siat4a	56	1.11	0.48	NM_009177	
Slc11a2	168	1.11	0.18	AK083478	
Btbd6	771	1.11	0.19	NM_201646	
1700047l17Rik	763	1.11	0.04	NM_028527.1	

Cyp4f16	190	1.11	0.08	NM_024442.1	
Ppp2r5e	2768	1.11	0.30	NM_012024.1	
Rab35	2981	1.11	0.05	NM_198163.1	
C330008L01Rik	1306	1.11	0.17	NM_175351	
Trp53bp1	2604	1.11	0.17	NM_013735.2	
A130042E20Rik	170	1.11	0.26	NM_172550.2	
2810417H13Rik	289	1.11	0.06	NM_026515.1	
C85492	1988	1.11	0.20	NM_153540.2	
Dnajb6	1697	1.11	0.10	AK005680	
scl0002064.1_2	662	1.11	0.13		
C130053D24Rik	43	1.11	0.33	AK081622	
4932439K10Rik	5240	1.11	0.17	NM_153406.1	
F830021D11Rik	398	1.11	0.10		
Litaf	7069	1.11	0.06	NM_019980.1	
Adm	185	1.11	0.17	NM_009627.1	
2310003H01Rik	961	1.11	0.23	XM_126658.3	
Plec1	376	1.11	0.24	NM_201393.1	
LOC381770	39	1.11	0.72	XM_355767.1	
Nphp1	350	1.11	0.13	NM_016902.1	
D8Erttd812e	360	1.11	0.12	NM_198020.1	
Echdc2	2101	1.11	0.37		
Pcbp2	3783	1.11	0.23	AK048345	
2810416G20Rik	33	1.11	0.20	XM_487719	
Ecgf1	63	1.11	0.39	NM_138302.1	
H13	829	1.11	0.20	AK039008	
E130318A13Rik	56	1.11	0.04	AK053879	
C130078N17Rik	126	1.11	0.18		
BC046404	1090	1.11	0.09	NM_198861.1	
1520401A03Rik	34	1.11	0.28	NM_177132.2	
Sec61a1	2303	1.11	0.13		
AW491445	222	1.11	0.05	NM_134154.1	
Hrmt111	2705	1.11	0.12	NM_133182	
Ski	189	1.11	0.16	NM_011385	
Tfam	1240	1.11	0.13	NM_009360.2	
1300010K09Rik	124	1.11	0.18	NM_138303.1	
Vps4a	829	1.11	0.06	NM_126165.1	
BC020354	1165	1.11	0.30	NM_198110.1	
9330175B10Rik	183	1.11	0.23	NM_194351.1	
Numa1	420	1.11	0.28	NM_133947.2	
Olfir824	62	1.11	0.31	NM_146674.1	
LOC269529	2223	1.11	0.14	XM_194139.2	
lfnar2	88	1.11	0.21	NM_010509.1	
LOC382174	45	1.11	0.13	XM_356275.1	
Map3k7ip1	439	1.11	0.09	NM_025609.2	
6230412O07Rik	51	1.11	0.26	AK031765	
Hdh	128	1.11	0.49	NM_010414.1	
Spg7	1376	1.11	0.36	NM_153176.3	
A130092J06Rik	79	1.11	0.71	NM_175511.2	
Rnf8	730	1.11	0.09	NM_021419.1	
Zfp30	326	1.11	0.02	NM_013705.1	
2410005K20Rik	9297	1.11	0.08	NM_025546.1	
Fbxo9	642	1.11	0.29	NM_023605.1	
Trim27	650	1.11	0.17	NM_009054.1	
Sympk	755	1.11	0.31	XM_485873	
Mybbp1a	1039	1.11	0.16	NM_016776	
2810409C01Rik	50	1.11	0.13		
BC019561	179	1.11	0.21	NM_144867.1	
Zfp96	1318	1.11	0.09	NM_016684.1	
Hnrpa1	1668	1.11	0.08	XM_122922.1	
Lrfn1	70	1.11	0.35	NM_030562.1	
Rpa1	8969	1.11	0.14	NM_026653.1	
Cam1	569	1.11	0.06	NM_007596.1	
Senp2	6527	1.11	0.18	NM_029457.2	
Sec22b	1054	1.11	0.30		
LOC386294	216	1.11	0.47	XM_359162.1	
2700024D06Rik	136	1.11	0.27	AK076051	
Gse1	584	1.11	0.27	NM_198671	
Ube2l3	8584	1.11	0.05	XM_148568.1	

BC013529	2286	1.11	0.08	NM_145418.1	
1500003O22Rik	130	1.11	0.22	NM_025897.1	
D230004N01Rik	1096	1.11	0.20	AK051815	
scl0002824.1_16	34	1.11	0.44		
9630025H16Rik	929	1.11	0.25		
Hist1h3h	1870	1.11	0.07	NM_178206	
Retnla	30	1.11	0.91	NM_020509.2	
Wfs1	199	1.11	0.19	NM_011716.1	
Tirap	153	1.11	0.10	NM_054096.1	
6720460L05Rik	9595	1.11	0.08	AK032838	
Agpat1	288	1.11	0.46	NM_018862.2	
B230113M03Rik	7382	1.11	0.02	XM_109923.4	
LOC240261	232	1.11	0.16	XM_140320.2	
Rab40c	2680	1.11	0.13	NM_139154.1	
Pdpx	3077	1.11	0.26	NM_020271.1	
LOC381201	192	1.11	0.03	XM_355134.1	
Slc4a8	338	1.11	0.16	AK050563	
1110067L22Rik	380	1.11	0.30	NM_026855	
BC026590	1179	1.11	0.20	XM_485382	
9830134K01Rik	91	1.11	0.29	AK036567	
B930008G03Rik	1159	1.11	0.15	AK046967	
Rab34	442	1.11	0.28	NM_033475.2	
Nudt3	39	1.11	0.23	NM_019837.1	
C77370	680	1.11	0.14	XM_205178.2	
Ipo8	724	1.11	0.28	XM_132974.3	
4933402E03Rik	74	1.11	0.34		
Grpel2	188	1.11	0.53	NM_021296	
Sfxn5	62	1.11	0.04	NM_178639.2	
2810468K05Rik	493	1.11	0.13	NM_144825.1	
LOC236371	415	1.11	0.18	XM_135639.2	
Pcdhga10	49	1.11	0.09	NM_033593.2	
H2-Q6	95	1.11	0.13	NM_207648	
2410017I18Rik	419	1.11	0.09	NM_025547.1	
A530025E09Rik	82	1.11	0.11	AK040788	
Bcl10	748	1.11	0.18	AK080820	
Slc5a6	741	1.11	0.14	NM_177870.2	
1810019J16Rik	100	1.11	0.49	NM_133707.1	
Uaca	1738	1.11	0.11	NM_028283	
Aqp5	136	1.11	0.14	NM_009701.1	
Slc16a5	136	1.11	0.12	XM_126601	
Trim28	7001	1.11	0.11	NM_011588.1	
Snf1lk	355	1.11	0.28	NM_010831.1	
1200009F10Rik	73	1.11	0.10	NM_026166.1	
BC055107	93	1.11	0.93	NM_183187.2	
0610039G24Rik	383	1.11	0.13	XM_132020.4	
6430527G18Rik	881	1.11	0.20	NM_145836	
Akp2	75	1.11	0.27	NM_007431.1	
LOC279638	36	1.11	0.47	XM_205256.3	
Inpp5a	893	1.11	0.07	NM_183144.1	
Pacrg	1344	1.11	0.42	XM_128418.1	
Tessp2	117	1.11	0.24	NM_153099.1	
D930002C22Rik	48	1.11	0.51	AK086066	
Usp2	321	1.11	0.47	NM_198091.1	
6430571L13Rik	125	1.11	0.24	NM_175486.1	
A130053G17Rik	116	1.11	0.17	AK037834	
Trabd	425	1.11	0.09		
Zfp313	652	1.11	0.14	NM_030743.3	
9530066K23Rik	38	1.11	0.44	NM_172524.1	
Tsyp11	337	1.11	0.05	NM_009433.2	
Usp39	2667	1.11	0.06	NM_138592.1	
1500011J06Rik	1384	1.11	0.15	NM_001005523	
3322402L07Rik	34	1.11	0.24	NM_023727.1	
1500002O20Rik	35	1.11	1.19	NM_028047.1	
1110033C18Rik	100	1.11	0.08	NM_133964.1	
Ltb4dh	43	1.11	0.49	NM_025968.2	
Zswim4	295	1.11	0.37	NM_172503.2	
Nphp4	2330	1.11	0.09	NM_153424.1	
Mcm7	1223	1.11	0.04	NM_008568.1	

Smarca4	450	1.11	0.18	NM_011417.1	
Mic211	1548	1.11	0.16	NM_138309.1	
Gipc1	341	1.11	0.32		
Olfir503	42	1.11	0.42		
6330503K22Rik	1691	1.11	0.15	NM_182995.1	
lsg20l2	1535	1.11	0.33		
Sec22l2	128	1.10	0.13	NM_133704.3	
2210019E14Rik	860	1.10	0.14	XM_129145	
Pdcl3	288	1.10	0.11	NM_026850.2	
Smu1	1517	1.10	0.17	NM_021535.2	
2610024N01Rik	490	1.10	0.11	NM_027931.1	
AW050020	245	1.10	0.44	NM_172943.2	
2610014H22Rik	845	1.10	0.26	XM_194342.3	
LOC385681	46	1.10	0.17	XM_358910.1	
Trim46	343	1.10	0.17	XM_355447.1	
6030446N20Rik	48	1.10	0.27	NM_178801.2	
Stambp	1895	1.10	0.13	NM_024239.1	
LOC229883	38	1.10	0.25	XM_143600.3	
Zfp341	65	1.10	0.50	NM_199304.1	
Ccrk	388	1.10	0.12	NM_053180.2	
9530048O09Rik	225	1.10	0.04	XM_358611	
Lgtn	519	1.10	0.09	NM_010709.1	
D430042L13Rik	135	1.10	0.10	AK085139	
lhpk2	66	1.10	0.85		
Stx5a	1754	1.10	0.13	NM_019829.3	
Pnpla6	198	1.10	0.29		
5730527J01Rik	499	1.10	0.09	AK017794	
Myrip	309	1.10	0.36	NM_144557.2	
ltpr1	682	1.10	0.29	AK087694	
4833413G10Rik	130	1.10	0.03	XM_149575.1	
Arc	104	1.10	0.26	NM_018790.1	
Kdelc1	1089	1.10	0.09	NM_023645.2	
Ttc4	507	1.10	0.17	NM_028209.1	
D630048P19Rik	742	1.10	0.28	NM_207525.1	
Sepn1	2860	1.10	0.04	NM_029100.1	
Dhrs1	1104	1.10	0.30	NM_026819.2	
C030024L24Rik	136	1.10	0.22	AK081245	
2310045A20Rik	1905	1.10	0.08	NM_172710.1	
Sox11	1411	1.10	0.17	NM_009234.3	
Gch1	2346	1.10	0.10	NM_008102.2	
Kcnk2	143	1.10	0.16	NM_010607.1	
1110035L05Rik	86	1.10	0.33	NM_026125.1	
Cnot4	249	1.10	0.12	NM_016877	
Wdr18	217	1.10	0.18	NM_175450	
Ddef1	69	1.10	0.51		
Ankmy2	1589	1.10	0.14	NM_146033.2	
1700017G19Rik	36	1.10	0.24	XM_485224	
4632425I16Rik	50	1.10	0.61	AK028542	
AU022870	3199	1.10	0.30	NM_177682.3	
BC049762	39	1.10	0.36	NM_177567.2	
Klk26	2362	1.10	0.51	NM_010644.1	
LOC381406	312	1.10	0.18	XM_355368.1	
Egfl9	59	1.10	0.07	NM_207666.1	
LOC381787	132	1.10	0.18	XM_358652.1	
Ptdc2	452	1.10	0.09	XM_127497.2	
Rhpn2	265	1.10	0.39	NM_027897.2	
D030051D21	673	1.10	0.31	NM_172531.2	
9130011J15Rik	1443	1.10	0.19	NM_172396	
Uap111	388	1.10	0.16	XM_130172.4	
LOC211823	113	1.10	0.32	XM_131191.4	
Oxsr1	424	1.10	0.08		
Sfxn2	53	1.10	0.18	NM_053196.2	
2410004A20Rik	38	1.10	0.05	NM_025890.1	
D1Ertid161e	598	1.10	0.15	NM_026187.3	
2900016G23Rik	90	1.10	0.40	XM_147738.1	
3000003F02Rik	533	1.10	0.21	NM_172437.1	
Mpp2	140	1.10	0.57	NM_016695.1	
BC019206	131	1.10	0.11	NM_183426.1	



D11Ert497e	3225	1.10	0.31	NM_029976.2	
LOC236060	55	1.10	0.57	XM_135472.3	
BC038479	54	1.10	0.51	NM_153803.1	
Wdr51b	572	1.10	0.49		
2810410A03Rik	1805	1.10	0.07		
Dhx30	1974	1.10	0.08	BC016202	
LOC228003	609	1.10	0.12	XM_130293.2	
Mto1	944	1.10	0.11	NM_026658.1	
9430010A17Rik	326	1.10	0.13	AK079112	
Rarsl	1476	1.10	0.09	NM_181406.2	
4631410M14Rik	111	1.10	0.27	AK028460	
Htatip	276	1.10	0.17	NM_178637.1	
1700001F22Rik	39	1.10	0.35	NM_027036.1	
Vrk1	467	1.10	0.12	AK039554	
9330179O15Rik	116	1.10	0.08		
2610044O15Rik	153	1.10	0.15	NM_153780.1	
Rbm43	873	1.10	0.20		
BC046331	1523	1.10	0.07	NM_177673	
Tpm3	1743	1.10	0.22	NM_022314	
Spo11	42	1.10	0.28	NM_012046	
Cdan1	720	1.10	0.35	XM_485054	
0710001B24Rik	926	1.10	0.36	NM_175118	
LOC433224	1828	1.10	0.09		
scl0001333.1_125	145	1.10	0.45		
Chd1l	51	1.10	0.34	NM_026539.1	
Pscd3	848	1.10	0.18	NM_011182.2	
Pmm2	1352	1.10	0.12	NM_016881.1	
Zfp39	250	1.10	0.13	NM_011758.1	
Fbs1	202	1.10	0.17	XM_284344.2	
5730509C05Rik	957	1.10	0.22	NM_197940.1	
6430567E01Rik	251	1.10	0.07		
LOC384318	219	1.10	0.13	XM_357565.1	
B930095G15Rik	133	1.10	0.26	NM_177121.2	
2410006F12Rik	1313	1.10	0.19	NM_028020.2	
Pbx2	225	1.10	0.06	NM_017463.1	
Maz	45	1.10	0.23	XM_133827.2	
Ftsj2	35	1.10	0.32	NM_026510.1	
Hrbl	1042	1.10	0.14	NM_145566.1	
scl000231.1_58	304	1.10	0.30		
Rmnd1	844	1.10	0.11		
Prkcd	1019	1.10	0.27	NM_011103.1	
5830407P18Rik	149	1.10	0.02	XM_147876.1	
Lrfr4	52	1.10	0.75	NM_153388.2	
Ctps	4444	1.10	0.05	NM_016748.1	
Fkrp	221	1.10	0.13	NM_173430.1	
Elov15	6535	1.10	0.27	NM_134255.2	
Scap	1108	1.10	0.34	XM_135190.4	
Serhl	151	1.10	0.12	NM_023475.2	
AI481316	13795	1.10	0.09	XM_148986.1	
Gbas	1101	1.10	0.14	NM_008095.1	
Prim2	859	1.10	0.04	NM_008922.1	
0610010I05Rik	17460	1.10	0.10	AK018737	
8430429K09Rik	84	1.10	0.23		
Ttc13	4533	1.10	0.08	XM_358379.1	
Rpo2tc1	816	1.10	0.29	NM_0111294.2	
Trfp	429	1.10	0.09	AK041624	
4930427A07Rik	864	1.10	0.12	NM_134041.1	
18S_rRNA_X0068	60106	1.10	0.08		
Manba	809	1.10	0.12	NM_027288.2	
Marcks	4969	1.10	0.39	NM_008538	
E030010A14	77	1.10	0.23	NM_183160.1	
S100a16	56	1.10	0.16	NM_026416.2	
Gnat2	32	1.10	0.88	NM_008141.2	
Slc29a1	1250	1.10	0.25	NM_022880.1	
1700108L22Rik	524	1.10	0.15	NM_145988.1	
LOC384282	50	1.10	0.38	XM_357541.1	
Mus81	149	1.10	0.07	NM_027877.2	
Mgrn1	3887	1.10	0.04	NM_029657.2	

2610033H07Rik	2110	1.10	0.09	NM_029278.1	
Ap1m1	819	1.10	0.24	NM_007456	
LOC386149	60	1.10	0.12	XM_359094.1	
Rgs19	110	1.10	0.22	NM_026446.2	
Cdc23	504	1.10	0.02	NM_178347.2	
Mycbp	898	1.10	0.18	NM_019660.1	
A630098G22Rik	604	1.10	0.16	AK080403	
1500031H04Rik	4610	1.10	0.02	NM_025893.1	
2010005O13Rik	3839	1.10	0.05	AK075812	
Vasp	107	1.10	0.45	NM_009499.1	
Kcnq2	339	1.10	0.08	XM_358348.1	
Ppapdc2	420	1.10	0.13		
Al480653	629	1.10	0.17	NM_198626	
5830461H18Rik	216	1.10	0.17	AK018024	
C330023M02Rik	1635	1.10	0.14	AK049325	
Slc2a3	224	1.10	0.09	NM_011401.2	
Spec1	3600	1.10	0.20	NM_172395.1	
2410019G02Rik	218	1.10	0.20	XM_126427.5	
Lancl1	1572	1.10	0.25	NM_021295.1	
6330439P19Rik	2315	1.10	0.14	AK031886	
Erich1	1503	1.10	0.31		
Zfp472	508	1.10	0.19	NM_153063	
Asb1	167	1.10	0.13	XM_149066.3	
Dok5	76	1.10	0.21	NM_029761.2	
Tk2	458	1.10	0.10	NM_021028.2	
Spnr	61	1.10	0.26	AK031315	
Cript	392	1.10	0.20		
Klhdc2	17807	1.10	0.12	NM_027117.1	
Ppp2r4	124	1.10	0.14	NM_138748	
1500010J02Rik	1584	1.10	0.15	NM_026889.1	
Dio2	164	1.10	0.21	NM_010050	
1700001L05Rik	37	1.10	0.41		
Lman2	1333	1.10	0.29	NM_025828.2	
Hps1	431	1.10	0.23	NM_019424.1	
2810422B04Rik	539	1.10	0.35	NM_027275.2	
Ttc14	301	1.10	0.18	NM_025978.2	
Lmcd1	241	1.10	0.20	NM_144799.1	
LOC434864	660	1.10	0.25		
Pknox1	212	1.10	0.08	NM_016670.2	
1200013B22Rik	649	1.10	0.02	NM_028778.2	
Atpbd3	247	1.10	0.27		
A130096D14Rik	48	1.10	0.22	AK038333	
1810043M20Rik	130	1.10	0.05	AK007762	
Camk2n1	746	1.10	0.31		
Klf5	801	1.10	0.13	NM_009769.2	
Rnpep	1770	1.10	0.14	NM_145417	
BC024868	152	1.10	0.39	NM_199149	
LOC383026	34	1.10	0.42	XM_356806.1	
Hspbap1	261	1.10	0.20	NM_175111.2	
Nsd1	41	1.10	0.28	NM_008739	
2610019N19Rik	104	1.10	0.24		
Faah	564	1.10	0.08	AK004985	
Nfrkb	277	1.10	0.13	NM_172766.2	
Aldh18a1	1434	1.10	0.29		
1110031M08Rik	208	1.10	0.08	XM_355145	
Cdc7	825	1.10	0.25	NM_009863.1	
Zdhhc8	5346	1.10	0.13	XM_358776.1	
Amdhd2	166	1.09	0.16		
4933428I03Rik	137	1.09	0.01	NM_025760	
Zc3hdc1	61	1.09	0.53	NM_172893.1	
Zfp282	3589	1.09	0.04	NM_146175.2	
Lman1	1589	1.09	0.08	NM_027400.2	
Hdac1	1646	1.09	0.14	NM_008228.1	
2310039L15Rik	33	1.09	0.30	XM_290098.1	
Rad51ap1	299	1.09	0.21	NM_009013.1	
Ctnnb1	1127	1.09	0.24	NM_025680.2	
4933412E12Rik	973	1.09	0.12		
Dgkd	3399	1.09	0.08		

Zdhhc9	285	1.09	0.36	NM_172465.1	
LOC230872	123	1.09	0.26	NM_172122.1	
Gne	349	1.09	0.07	NM_015828.2	
1700027J05Rik	311	1.09	0.32	NM_027081.1	
Rgs10	36	1.09	0.54	NM_026418.1	
scl0002165.1_97	67	1.09	0.05		
LOC386508	42	1.09	0.30	XM_359357.1	
Bat1a	3951	1.09	0.06	NM_019693.2	
LOC383330	1236	1.09	0.14	XM_356987.1	
Tceb3	1458	1.09	0.17	NM_013736.2	
A630089D04Rik	98	1.09	0.19	AK042402	
gi_6679936_ref_N	34131	1.09	0.23		
Acsl5	4406	1.09	0.08		
Poldip3	3093	1.09	0.24	NM_178627.1	
28S_rRNA_X0052	97	1.09	0.08		
Grik2	53	1.09	0.37	NM_010349.1	
E330031I04Rik	148	1.09	0.05	AK054486	
2410019A14Rik	170	1.09	0.20	XM_131228.4	
Zfp113	80	1.09	0.33	NM_019747	
3110040D16Rik	459	1.09	0.23	XM_126172	
Snai2	1333	1.09	0.16	XM_147233.1	
2610507B11Rik	730	1.09	0.18	NM_001002004	
2610206P12Rik	77	1.09	0.35	AK011905	
AA407659	2248	1.09	0.12	NM_175352.2	
Zkscan17	338	1.09	0.06		
lbsp	36	1.09	0.24	NM_008318	
Cdk3	118	1.09	0.12	NM_027165.1	
Fcrl3	333	1.09	0.28	NM_144559.1	
Uap1	403	1.09	0.15	NM_133806.2	
Ncstn	1587	1.09	0.27	NM_021607.2	
Gmppa	2373	1.09	0.13	NM_133708.1	
LOC434858	1873	1.09	0.09		
6230410P16Rik	45	1.09	0.24	NM_174846.3	
Tcf1	44	1.09	0.29	NM_009327	
Tusc2	533	1.09	0.32	NM_019742.2	
A830030H10Rik	355	1.09	0.32	AK080627	
Wdr3	268	1.09	0.41	NM_175552.3	
Supt6h	7653	1.09	0.05	NM_009297	
4631434O19Rik	172	1.09	0.30	AK014543	
2610007K22Rik	2309	1.09	0.04	NM_152806.2	
Shroom3	370	1.09	0.14		
Olfir378	94	1.09	0.24	NM_147024.1	
Aggf1	485	1.09	0.06		
Zfyve21	1604	1.09	0.19	NM_026752.2	
Fdxr	229	1.09	0.05	NM_007997.1	
BC037006	229	1.09	0.15	XM_109956.4	
Ik	1537	1.09	0.10	AK088908	
6330583M11Rik	261	1.09	0.26	NM_024465	
Ciptm1	2427	1.09	0.24	NM_019649.1	
Gababrbp	643	1.09	0.19	NM_178394.2	
Pitpnb	6414	1.09	0.18	NM_019640.2	
Ppp2r5b	388	1.09	0.10	NM_198168.1	
Pscd2	99	1.09	0.44	NM_011181.2	
BC010250	626	1.09	0.21	NM_178029.2	
Dfna5h	156	1.09	0.27	AK089459	
4930527B16Rik	94	1.09	0.20	XM_147531.1	
Surf5	281	1.09	0.02	NM_011513	
C530015C18	2026	1.09	0.35	NM_177681.2	
Actl6a	879	1.09	0.11	NM_019673.1	
Igtp	148	1.09	0.14	NM_018738.2	
A230079E18Rik	305	1.09	0.19	AK038962	
LOC386330	681	1.09	0.25	XM_359173.1	
5330438E18Rik	166	1.09	0.09	NM_177282.2	
Megf11	1347	1.09	0.30		
2400007A17Rik	98	1.09	0.14	AK010293	
Arl6ip1	10619	1.09	0.17	NM_019419.1	
4930403O06Rik	759	1.09	0.30	AK015068	
Fgd1	443	1.09	0.20	NM_008001.2	

Hey1	3182	1.09	0.26	NM_010423.1	
Hmgn2	10029	1.09	0.16	NM_016957.2	
Mtch2	2466	1.09	0.15	NM_019758.2	
Kctd5	1670	1.09	0.27	NM_027008.1	
Al413782	166	1.09	0.14	NM_134044.2	
2610510J17Rik	341	1.09	0.05	NM_028131.1	
Tceal1	494	1.09	0.34	NM_146236.1	
LOC227572	39	1.09	0.30	XM_140812.3	
Pcmt1	1000	1.09	0.16	NM_008786.1	
Gnl3	2869	1.09	0.15		
Dtx4	96	1.09	0.08	NM_172442.2	
Ankrd40	234	1.09	0.06		
1700030J22Rik	147	1.09	0.04	XM_134467.4	
scl0001487.1_50	686	1.09	0.12		
LOC380844	36	1.09	0.71	XM_358441.1	
Gna11	961	1.09	0.31	NM_010301.1	
LOC332942	70	1.09	0.11	XM_289292.2	
LOC382406	279	1.09	0.09	XM_356488.1	
Rap2ip	1928	1.09	0.05	NM_016759.1	
4932439E07Rik	143	1.09	0.07		
Gak	6101	1.09	0.18	BC065052	
Hibadh	7932	1.09	0.22	NM_145567.1	
Pik4ca	4830	1.09	0.08	NM_001001983	
En2	2623	1.09	0.04	NM_010134.1	
Mipep	488	1.09	0.01	NM_027436.1	
D230017B08Rik	66	1.09	0.74	AK051900	
Tceb3bp1	180	1.09	0.44	NM_025852	
BraDnm8	34	1.09	0.15	L31395	
Dusp8	914	1.09	0.16	NM_008748.1	
Senp3	3077	1.09	0.14	NM_030702.2	
Tm4sf8	2279	1.09	0.15	NM_019793.2	
Mx2	35	1.09	0.61	NM_013606	
Rsad1	941	1.09	0.09		
Mglap	409	1.09	0.37	NM_008597.2	
Slc22a9	126	1.09	0.32	NM_019723.1	
Wwox	145	1.09	0.07	AK046903	
Synv1	10985	1.09	0.09	NM_028769.4	
6620401K05Rik	122	1.09	0.08	NM_172774.1	
LOC277860	239	1.09	0.08	XM_203275.2	
2700089E24Rik	189	1.09	0.07	XM_355822	
Tcrg-V7	40	1.09	0.27		
LOC383215	36	1.09	0.09	XM_356927.1	
Dusp10	244	1.09	0.57	NM_022019.2	
Dhps	401	1.09	0.22	NM_201408	
LOC269401	2342	1.09	0.10	XM_194071.3	
B930066N23Rik	129	1.09	0.31	AK047459	
Aurkb	1125	1.09	0.15	XM_181344.3	
2410002I01Rik	131	1.09	0.30	NM_183137	
Kcng3	47	1.09	0.22	NM_152923.1	
Egfl4	1489	1.09	0.23	XM_194337	
Trim3	350	1.09	0.15	NM_018880.1	
Spop	5896	1.09	0.02	NM_025287	
Coasy	2578	1.09	0.08	NM_027896.1	
Appbp1	1262	1.09	0.17	NM_144931.1	
Cnot6	96	1.09	0.32		
Mxd4	131	1.09	0.21	NM_010753.2	
D15Ertd735e	149	1.09	0.13	NM_029098.2	
Arsa	723	1.09	0.10	NM_009713	
scl0002657.1_5	113	1.09	0.51		
scl0001533.1_63	42	1.09	0.29		
Ccrn4l	834	1.09	0.11	NM_009834.1	
5133400J02Rik	33	1.09	0.21	XM_488592	
Al851464	1338	1.09	0.21	XM_130551.4	
2600013N14Rik	919	1.09	0.42	NM_152812.1	
C430002D13Rik	292	1.09	0.04	AK049383	
9630025G02Rik	60	1.09	0.33	AK079328	
C630025L14	4425	1.09	0.22	NM_172489.1	
Ecd	1178	1.09	0.20		

D15Wsu75e	1139	1.09	0.14	NM_134095.2	
Lmo4	2074	1.09	0.02	NM_010723.2	
A230067E15Rik	121	1.09	0.17	AK038836	
Tnip2	96	1.09	0.34	NM_139064.1	
2810410A08Rik	82	1.09	0.10	XM_130324.4	
A730040I05Rik	37	1.09	0.17	AK042925	
Dhx35	380	1.09	0.14	NM_145742.1	
Sectm1	37	1.09	0.69	NM_026907.2	
Lsm11	63	1.09	0.08	NM_028185.1	
Slc6a17	590	1.09	0.14	NM_172271.1	
Hsf4	187	1.09	0.49	NM_011939.1	
LOC331583	167	1.09	0.26	XM_284761.2	
Extl2	2546	1.09	0.17	NM_021388.2	
Rab5c	3940	1.09	0.19	NM_024456	
Exoc7	771	1.09	0.17	NM_016857	
Rab9	326	1.09	0.23	NM_019773.1	
Cnp1	131	1.09	0.23	NM_009923.1	
scl0002864.1_26	111	1.09	0.13		
Sca2	2877	1.09	0.27	NM_009125.1	
Mgll	53	1.09	0.07	NM_011844.3	
Ncl	1037	1.09	0.14	NM_010880.2	
3000004C01Rik	921	1.09	0.19	NM_197959.1	
Sf3a1	2555	1.09	0.33	NM_026175.3	
mt-Nd1	28558	1.09	0.09		
1700034M11Rik	43	1.09	0.41		
Gmip	544	1.09	0.27	NM_198101.1	
5730547N13Rik	403	1.08	0.12	XM_130529.2	
Nradd	79	1.08	0.36	NM_026012.1	
A530079D03Rik	44	1.08	0.07	AK041069	
Shhs	39	1.08	0.18	XM_489124	
Lin28	80	1.08	0.17	NM_145833.1	
Prps1	7541	1.08	0.08	NM_021463.2	
BC026432	63	1.08	0.45	NM_146202.1	
C630013N10Rik	527	1.08	0.20	BC023909	
Catnal1	691	1.08	0.32	AK034393	
Dnajb12	756	1.08	0.27	NM_019965	
1700082G03Rik	58	1.08	0.08	AK006979	
ORF5	113	1.08	0.19	NM_016924.1	
2310038D14Rik	101	1.08	0.33		
Gas8	691	1.08	0.15	NM_018855.1	
Calu	1066	1.08	0.16	NM_007594	
Hspa8	27757	1.08	0.06	NM_031165	
Tex9	716	1.08	0.24	NM_009359.1	
Kif5b	45	1.08	0.18	NM_008448.1	
Sox9	889	1.08	0.20	NM_011448	
Prim1	95	1.08	0.13	NM_008921.1	
Btla	57	1.08	0.27	NM_177584.2	
A430023D23Rik	206	1.08	0.42	AK039868	
Ggtl3	774	1.08	0.26	NM_144786.1	
Rg9mtd1	1649	1.08	0.31	NM_029092.1	
Efna5	2801	1.08	0.05	NM_207654.1	
LOC385653	89	1.08	0.25	XM_358848.1	
D19Ert703e	897	1.08	0.11	NM_029456.1	
LOC386567	36	1.08	0.61	XM_359408.1	
Pdk3	918	1.08	0.13	NM_145630.1	
Alox5ap	39	1.08	0.18	NM_009663	
Stard3	303	1.08	0.13	NM_021547	
Ppp5c	1218	1.08	0.01	NM_011155.1	
Pep4	205	1.08	0.04	NM_008820.1	
Olf259	33	1.08	0.63	NM_146770.1	
C730042F17Rik	35	1.08	0.68	NM_145517.2	
39694	244	1.08	0.39		
Tmem63a	637	1.08	0.25		
2010309J24Rik	175	1.08	0.16	AK008554	
3732413I11Rik	1013	1.08	0.23	XM_203376.1	
1110020P09Rik	133	1.08	0.16		
Nck2	2267	1.08	0.15	NM_010879.2	
E430034L04Rik	2844	1.08	0.16	NM_011816.2	

Wdr75	7915	1.08	0.20		
Gale	1067	1.08	0.17	NM_178389.2	
Anapc5	4475	1.08	0.16	NM_021505.1	
2810442O16Rik	1409	1.08	0.09	NM_024196	
Necap1	1964	1.08	0.07		
2410030J07Rik	147	1.08	0.04	NM_144527.2	
Ppil2	386	1.08	0.16	NM_144954	
2700044H17Rik	81	1.08	0.26	AK012372	
Rqcd1	933	1.08	0.03	NM_021383.3	
BC023957	896	1.08	0.20	NM_172257.1	
Rpap1	294	1.08	0.09	NM_177294.3	
4932411N02Rik	218	1.08	0.33	AK029975	
9630058J23Rik	1584	1.08	0.18	NM_146105.3	
Pde4dip	499	1.08	0.23		
Stim1	310	1.08	0.24	AK031003	
Ttc7	201	1.08	0.07	NM_028639	
Mcm4	5884	1.08	0.19	NM_008565.2	
Commd8	229	1.08	0.10	NM_178599.2	
9830169E20Rik	1981	1.08	0.15	AK036745	
Pik3cb	642	1.08	0.21	NM_029094.1	
Mlxipl	486	1.08	0.17		
Ttc8	715	1.08	0.09	NM_198311.1	
Chrb2	241	1.08	0.14	NM_009602.3	
A730005H01Rik	56	1.08	0.15	AK042558	
Eral1	387	1.08	0.12	AK018664	
Adck5	468	1.08	0.43	NM_172960.1	
LOC380642	99	1.08	0.08	XM_354547.1	
Usp12	156	1.08	0.15	NM_011669.2	
Gpt1	193	1.08	0.22	NM_182805.1	
Abcd1	196	1.08	0.19	NM_007435.1	
Cxxc1	2353	1.08	0.08	NM_028868.1	
Dpysl4	72	1.08	0.37	NM_011993.2	
Prpf3	827	1.08	0.09	NM_027541.2	
MGC6357	366	1.08	0.28	NM_144791.1	
Sbsn	34	1.08	0.73	NM_172205.1	
2310016K04Rik	50	1.08	0.23	XM_134309.1	
Ehmt1	390	1.08	0.21	NM_172545.1	
Prpf4	516	1.08	0.15	XM_131444.4	
Stx18	583	1.08	0.19	NM_026959.1	
1200016B10Rik	442	1.08	0.34	NM_025819.2	
4930402I24Rik	2004	1.08	0.07	AK076652	
Tcn2	47	1.08	0.58	NM_015749.1	
AV340375	1689	1.08	0.14	NM_172519.1	
2010309E21Rik	334	1.08	0.07	NM_025591.2	
Tcte1l	4043	1.08	0.16	NM_025975.3	
4833426J09Rik	549	1.08	0.18		
C530028I08Rik	235	1.08	0.18	AK082980	
Dhx34	311	1.08	0.03	NM_027883.1	
Rsb30	45	1.08	0.51	NM_029494.2	
Abhd2	199	1.08	0.09	NM_018811.4	
Vezf1	2600	1.08	0.10	NM_016686.2	
Pdss1	205	1.08	0.15		
Ccdc111	656	1.08	0.49		
Ppa2	343	1.08	0.11		
Npc1	455	1.08	0.10	NM_008720.1	
B130045P17Rik	206	1.08	0.13	AK080782	
3110001K24Rik	60	1.08	0.05	XM_127674.4	
Pik3r3	987	1.08	0.31	NM_181585	
Cyld	792	1.08	0.17	NM_173369	
Eps8l2	587	1.08	0.32	NM_133191.2	
Cct8	11369	1.08	0.14	NM_009840.2	
Ets2	10930	1.08	0.08	NM_011809.2	
D030026J11Rik	36	1.08	0.87	AK050856	
Sfrs10	1504	1.08	0.24	NM_009186.2	
Nfil3	3539	1.08	0.10	NM_017373.2	
A430108B07Rik	198	1.08	0.12	XM_486491	
6820424L24Rik	658	1.08	0.04	XM_144310	
Prss15	3602	1.08	0.18	XM_128721.2	

2700008B19Rik	34	1.08	0.38	XM_354634.1	
Hsd17b1	285	1.08	0.28	NM_010475.1	
2610009O05Rik	306	1.08	0.15	AK011367	
XEDAR EDA-A2R	63	1.08	0.47		
Plekhm1	298	1.08	0.29	NM_183034.1	
A930024F09Rik	33	1.08	0.34	AK080730	
Sycp1	43	1.08	0.10	XM_355414.1	
Atp6v0e2	903	1.08	0.10		
Atf4	7345	1.08	0.13	NM_009716	
C330006K01Rik	339	1.08	0.09	NM_172725.1	
Cadm2	36	1.08	0.55		
Spnb4	66	1.08	0.19	NM_032610.1	
Zmynd10	60	1.08	0.32	NM_053253.2	
B230381E03Rik	70	1.08	0.19	AK046413	
LOC384972	45	1.08	0.27	XM_357967.1	
Prnp	11646	1.08	0.09	NM_011170.1	
Flna	184	1.08	0.11	XM_289920.2	
Zfp109	48	1.08	0.09	NM_020262.1	
LOC208055	2827	1.08	0.21	XM_144188.2	
Foxp4	43	1.08	0.24	NM_028767.1	
Tex19	195	1.08	0.24	NM_028602.2	
LOC227109	45	1.08	0.49	XM_129858.2	
LOC231423	42	1.08	0.44	XM_132160.3	
5730599I05Rik	946	1.08	0.07	NM_198019.1	
2810037C14Rik	1213	1.08	0.17	NM_026034.1	
LOC234187	83	1.08	0.23	XM_146287.3	
Polg2	151	1.08	0.07	NM_015810	
4931406I20Rik	113	1.08	0.17	NM_025739.2	
Smg7	2652	1.08	0.21		
2400010G15Rik	228	1.08	0.33	NM_029624.2	
LOC382084	83	1.08	0.30	XM_356165.1	
Tcf19	1798	1.08	0.19	NM_025674.1	
2310066E14Rik	124	1.08	0.31	NM_029386.2	
HPBR11-4	103	1.08	0.26	AK048615	
Gata2	539	1.08	0.38	NM_008090.3	
0610009I22Rik	795	1.08	0.15	NM_025646.2	
2310010I15Rik	2510	1.08	0.17	AK009272	
Gstm6	75	1.08	0.16	NM_008184.1	
Hspd1	11158	1.08	0.04	NM_010477.2	
Dazap2	5270	1.08	0.05	NM_011873.2	
2010309L07Rik	2966	1.08	0.14		
Spred1	236	1.08	0.34	NM_033524.1	
Pcdhga4	54	1.08	0.71	NM_033587.2	
D030015G18Rik	443	1.08	0.30	NM_146155.2	
BC031853	258	1.08	0.58	NM_172758.1	
Mfng	1315	1.08	0.04	NM_008595.1	
LOC381135	43	1.08	0.43	XM_355052.1	
E2f2	1509	1.08	0.10	NM_183301.1	
Hgfac	406	1.08	0.06	NM_019447.1	
Wbp4	720	1.08	0.11	NM_018765.1	
Ppp2cb	6438	1.08	0.23	NM_017374.2	
Dnajb1	4155	1.08	0.12	NM_018808.1	
9030607L17Rik	234	1.08	0.14	NM_027829.1	
Ldh1	33355	1.08	0.16	NM_010699.1	
Cd2bp2	506	1.08	0.41	NM_027353.2	
1300018I17Rik	38	1.08	0.43	XM_134461	
Gbf1	1116	1.08	0.31	NM_178930	
Usf2	151	1.08	0.07	NM_011680.1	
Zfp289	673	1.08	0.00	NM_023854	
Copz1	1552	1.08	0.12	AK079205	
LOC381539	56	1.08	0.13	XM_355508.1	
Foxj1	70	1.08	0.20	NM_008240.1	
Txn12	375	1.08	0.15	NM_023140.3	
LOC383100	52	1.08	0.71	XM_356874.1	
Apg12l	2355	1.08	0.04	NM_026217.1	
Sf3b3	2646	1.08	0.09	NM_133953.1	
Rheb	1449	1.08	0.33	NM_053075	
2810481F14Rik	97	1.08	0.19	NM_028354	

Mef2b	44	1.08	0.22	NM_008578.1	
LOC234155	32	1.08	0.47	XM_134120.2	
Mamdc2	65	1.08	0.55	NM_174857.1	
Pnma2	677	1.08	0.26	NM_175498.3	
Egln3	33	1.08	0.32	NM_028133.1	
Ate1	986	1.08	0.29	BC050948	
A430090G16Rik	73	1.08	0.24	AK040384	
BC023181	308	1.08	0.37	XM_194180.3	
Slc25a4	33	1.08	0.67	XM_134169.4	
Shroom2	1068	1.08	0.20		
Pik3r2	491	1.08	0.22	NM_008841.1	
A130075K23Rik	190	1.08	0.36	AK038067	
2610206B13Rik	408	1.08	0.14	NM_026047.3	
1110017D15Rik	419	1.08	0.10	XM_355478.1	
BC026370	599	1.08	0.15	NM_198167.1	
Olf437	44	1.08	0.30	NM_146296.1	
Rabl2a	536	1.08	0.09	NM_026817.1	
Pacsin2	131	1.08	0.17	NM_011862	
Bcat1	963	1.08	0.09	NM_007532.1	
LOC383071	41	1.08	0.27	XM_356840.1	
Olf983	46	1.08	0.16	NM_146827	
Vps54	3489	1.07	0.16	NM_139061.2	
5930424F13Rik	112	1.07	0.18	AK031181	
Mfn1	1203	1.07	0.18	NM_024200.2	
Il23a	42	1.07	0.23	NM_031252.1	
Kelch1	448	1.07	0.07	XM_148134.1	
Mapk8	177	1.07	0.31	NM_016700	
Stat6	116	1.07	0.09	NM_009284.1	
Stip1	8451	1.07	0.09	NM_016737.1	
0610009M14Rik	409	1.07	0.39	NM_023910.4	
Camk2g	158	1.07	0.35	NM_178597.2	
Tcea2	853	1.07	0.10	NM_009326	
Cndp2	81	1.07	0.24	NM_023149.2	
2900078C09Rik	1103	1.07	0.14		
LOC382182	286	1.07	0.44	XM_356285.1	
BC021790	240	1.07	0.18	NM_144824.1	
Dusp16	512	1.07	0.14	NM_130447.1	
Eif5	7297	1.07	0.16	NM_173363.2	
LOC384083	66	1.07	0.23	XM_357409.1	
4931419P11Rik	82	1.07	0.34	NM_207268.1	
ORF18	3279	1.07	0.12	NM_029565.2	
Krba1	674	1.07	0.09		
Ppm1k	335	1.07	0.16		
Med19	686	1.07	0.28		
Srpk1	3398	1.07	0.01	NM_016795.2	
Usp48	393	1.07	0.13	NM_028344.1	
LOC385877	528	1.07	0.14	XM_358981.1	
Atp6ap2	8096	1.07	0.06	NM_027439	
Al604832	806	1.07	0.08	NM_133979.1	
Nudt9	350	1.07	0.21	NM_028794.2	
C630013B14Rik	969	1.07	0.24	AK049936	
Eif2b5	3646	1.07	0.06	NM_172265.1	
2310069P03Rik	358	1.07	0.22	NM_028002.1	
Phf3	3402	1.07	0.06	XM_129836	
Adprt12	1261	1.07	0.09	NM_009632.2	
Abhd1	151	1.07	0.26	NM_021304.2	
Dido1	312	1.07	0.11	NM_011805	
Tnfrsf10b	192	1.07	0.19	NM_020275.3	
D230041D01Rik	42	1.07	0.11	AK052067	
LOC384384	65	1.07	0.11	XM_357614.1	
6430601A21Rik	390	1.07	0.08	NM_175466.2	
Sult1d1	36	1.07	0.27	NM_016771.2	
Hk1	563	1.07	0.47	NM_010438.1	
Hcngp	306	1.07	0.09	NM_020483.2	
Dlgap3	62	1.07	0.07	NM_198618.1	
9430006C24Rik	1560	1.07	0.13	AK034557	
D10Ert516e	1034	1.07	0.04	XM_125901	
LOC382558	33	1.07	0.44	XM_356569.1	



D830014E11Rik	52	1.07	0.11	NM_177251.2	
2810046L04Rik	448	1.07	0.29	AK012908	
Slc35b3	997	1.07	0.10	NM_134060.2	
Pcdha1	772	1.07	0.10	NM_054072.1	
Hs2st1	805	1.07	0.08	NM_011828	
LOC381259	1226	1.07	0.28	XM_355201.1	
2310010B21Rik	461	1.07	0.16	NM_027123.2	
3010027A04Rik	557	1.07	0.21	XM_134514.2	
Fkbp5	935	1.07	0.19	NM_010220.2	
D7Ert462e	124	1.07	0.29	NM_028771.1	
C130021C16Rik	62	1.07	0.18	AK081492	
A730098N08Rik	65	1.07	0.29	AK043473	
1110018J23Rik	1119	1.07	0.13	XM_140742.4	
Bin1	722	1.07	0.18	NM_009668	
Stxbp2	4605	1.07	0.12	NM_011503.2	
Tpx2	654	1.07	0.21	NM_028109.2	
A230078I05Rik	774	1.07	0.24		
Sec22l3	254	1.07	0.19	NM_178677.2	
Pkmyt1	102	1.07	0.07		
Gphb5	57	1.07	0.16	NM_175644.1	
Slc22a18	86	1.07	0.15	NM_008767	
Nasp	2482	1.07	0.04	NM_016777.2	
Atp6v1d	3271	1.07	0.36	NM_023721.1	
Tuba3	90	1.07	0.16	NM_009446.1	
Slc25a1	938	1.07	0.22	NM_153150.1	
4922503N01Rik	1124	1.07	0.16	NM_153392.1	
2310075A12Rik	645	1.07	0.06	NM_178027.3	
Mars	942	1.07	0.10		
Nras	1455	1.07	0.03	NM_010937.1	
Gas2l1	65	1.07	0.46	NM_144560.1	
9530064J02	3532	1.07	0.15	XM_489200	
Itgb2	52	1.07	0.25	NM_008404.1	
Mllt3	320	1.07	0.11	NM_027326.2	
Map2k3	3338	1.07	0.19	NM_008928.1	
Ppp6c	3259	1.07	0.14	NM_024209.1	
E330016A09Rik	3192	1.07	0.16	AK054329	
Cdc5l	1608	1.07	0.10	NM_152810.1	
Lsm14b	195	1.07	0.14		
2010305B15Rik	110	1.07	0.52		
Hig1	314	1.07	0.23	NM_019814.2	
Abcb8	369	1.07	0.15		
1110002L01Rik	61	1.07	0.09	XM_484105	
3230401D17Rik	869	1.07	0.13	NM_025699.2	
Cldn15	40	1.07	0.12	NM_021719.1	
2500003M10Rik	3556	1.07	0.23	NM_023215	
G630058F05Rik	57	1.07	0.52	AK090349	
Usf1	147	1.07	0.19	NM_009480.1	
2410016F01Rik	6451	1.07	0.23	NM_022423.1	
mKIAA0282	956	1.07	0.02	AK129109	
A230046K03Rik	1805	1.07	0.07	XM_193573.3	
Ddr1	419	1.07	0.13	NM_007584.1	
1110015K06Rik	3286	1.07	0.04	NM_026748.1	
Olf66	74	1.07	0.12	NM_013618.2	
Dmwd	1487	1.07	0.05	NM_010058.1	
Fath	1502	1.07	0.19	XM_134149.5	
Lactb	427	1.07	0.06	NM_030717.1	
2900006K08Rik	152	1.07	0.05		
Tnrc6c	1284	1.07	0.18		
LOC383942	1218	1.07	0.12	XM_357338.1	
E430003H02Rik	64	1.07	0.30	AK088077	
C130073D16Rik	56	1.07	0.35	NM_175557.2	
2610301G19Rik	447	1.07	0.13	BC021475	
Sar1a	2648	1.07	0.10		
Gzmn	41	1.07	0.57	NM_153052.1	
Gtf3c2	1897	1.07	0.03	NM_027901.1	
Mobkl2c	39	1.07	0.22	NM_175308.2	
4930553C05Rik	375	1.07	0.19	AK016099	
BC003331	337	1.07	0.07	NM_145511.1	

Itch	252	1.07	0.10	AK035725	
Trim32	2777	1.07	0.04	NM_053084.1	
Srebp2	570	1.07	0.20	XM_127995.4	
Eno2	4057	1.07	0.01	NM_013509.2	
4930535B03Rik	73	1.07	0.12	XM_485279	
scl0002617.1_582	1616	1.07	0.21		
B230339M05Rik	1349	1.07	0.14	XM_283803	
A130070G01Rik	583	1.07	0.18	AK037997	
ZBTB45	276	1.07	0.51		
Dlg5	873	1.07	0.17	XM_127605.4	
Frat2	297	1.07	0.14	NM_177603.1	
Vapa	1749	1.07	0.33	NM_013933.2	
Hspa9	20431	1.07	0.05		
9130229H14Rik	288	1.07	0.11	XM_135706.3	
5730509K17Rik	206	1.07	0.07	NM_172274.1	
4833421E05Rik	148	1.07	0.08	NM_026347	
Zfp307	207	1.07	0.45	NM_023685.2	
A830039B04Rik	523	1.07	0.03	NM_177045.2	
Pex2	1414	1.07	0.22	NM_021483.1	
Cbx7	159	1.07	0.42	NM_144811.2	
6720460F02Rik	117	1.07	0.19	NM_144526.2	
Lrrc1	133	1.07	0.18	NM_172528.2	
Epb4.111	255	1.07	0.15	NM_013510.1	
Slc30a1	232	1.07	0.19	NM_009579.2	
LOC244421	271	1.07	0.17	XM_146279.3	
4933416I08Rik	38	1.07	0.11	XM_204338.1	
BC014795	995	1.07	0.20	NM_144794	
BC045600	78	1.07	0.21	NM_198647.1	
D030022P06Rik	216	1.07	0.33	XM_489207	
Ejp3	894	1.07	0.14	NM_028811.1	
C78212	2413	1.07	0.31	NM_198176.1	
Hnrpk	1237	1.07	0.31	AK028023	
1110003A17Rik	721	1.07	0.12	XM_358661.1	
LOC384906	35	1.07	0.40	XM_357934.1	
AW046014	66	1.07	0.36	NM_174989	
1700113O17Rik	55	1.07	0.30	NM_026627.1	
Kifc1	215	1.07	0.23	NM_016761.1	
G630008F16Rik	63	1.07	0.28	AK090163	
C230093N12Rik	1472	1.07	0.08	NM_153560.2	
Taf7l	103	1.07	0.60	NM_028958.2	
4933407C03Rik	644	1.07	0.16	XM_356109.1	
scl000911.1_939	1626	1.07	0.18		
Polm	68	1.07	0.25	NM_017401.1	
Fzd3	113	1.07	0.12	NM_021458	
Armcc9	232	1.07	0.14		
Dp11l	1963	1.07	0.19	NM_139292.1	
Slc9a7	154	1.07	0.40	NM_177353.2	
Centg3	349	1.07	0.04	NM_139153.1	
Vamp2	957	1.07	0.10	NM_009497.2	
1200006G13Rik	2493	1.07	0.09	AK004611	
AA407930	4879	1.07	0.05	NM_133349.2	
B230369F24Rik	45	1.07	0.64	XM_484944	
2410127E16Rik	204	1.07	0.36	XM_485929	
Slc22a5	326	1.07	0.05	NM_011396.2	
Dus3l	184	1.07	0.09		
Morf4l1	1912	1.07	0.20	NM_024431	
9626100_224	23392	1.07	0.22		
Rit2	730	1.07	0.09	NM_009065	
Pmpcb	967	1.07	0.02	XM_131914.3	
4930447F20Rik	498	1.07	0.10	AK015403	
0610009O04Rik	54	1.07	0.64	AK002431	
Uros	516	1.07	0.16	AK002971	
A130024C22Rik	34	1.07	0.46	AK037532	
Uvrag1	1623	1.07	0.29	NM_178635.2	
LOC382421	55	1.07	0.21	XM_356497.1	
Zfp330	2626	1.07	0.07	NM_145600.1	
LOC237081	3413	1.07	0.09	XM_136080.2	
4930573I19Rik	292	1.07	0.23	XM_127142.5	

Mon1b	79	1.07	0.32		
Lzic	576	1.07	0.06	NM_026963.2	
Clspn	847	1.07	0.22	NM_175554.3	
LOC193453	32	1.07	0.47	XM_110047.2	
1110003E08Rik	230	1.07	0.11	XM_284098.2	
Ints5	324	1.07	0.09		
Il15ra	77	1.07	0.21	NM_008358.1	
scl0002624.1_576	1017	1.07	0.04		
Pofut1	229	1.07	0.06	NM_080463.2	
E330022B15Rik	34	1.07	0.44	AK054393	
Dpp7	1989	1.07	0.05	NM_031843.2	
Ttc17	450	1.07	0.12	NM_183106.1	
Slc35a2	98	1.07	0.13	NM_078484	
Snapc3	274	1.07	0.04	NM_029949	
Ddx31	273	1.07	0.11	XM_355323.1	
Kcnab2	110	1.07	0.45	NM_010598.2	
Kif16a	33	1.07	0.39		
Vav2	284	1.07	0.15	NM_009500.1	
Otx1	513	1.07	0.19	NM_011023.2	
Igfals	643	1.07	0.09	NM_008340.2	
Kpna6	159	1.07	0.14	NM_008468.1	
Skp1a	1711	1.07	0.06	NM_011543.2	
Hist1h2ab	43	1.07	0.12	NM_175660.1	
Raet1c	36	1.07	0.16	NM_009018	
Ywhaq	2638	1.07	0.08	NM_011739	
Ptpn23	112	1.07	0.34	XM_135197.4	
Wipi1	1062	1.07	0.31		
6030441F14Rik	36	1.07	0.41	NM_172835.2	
9330209C19Rik	39	1.07	0.18	AK034506	
Tmem66	7795	1.07	0.09		
1700051E09Rik	140	1.07	0.17	NM_026097.1	
5730446C15Rik	277	1.07	0.13	NM_146096	
Pbk	2816	1.07	0.13	NM_023209.1	
A930026I22Rik	1399	1.07	0.16		
4632415L05Rik	45	1.07	0.24	NM_027561.2	
Apbb1	1191	1.07	0.47	NM_009685.1	
Pde4b	178	1.07	0.18	AK051102	
2210417J20Rik	661	1.07	0.39	XM_194140	
Prpf40b	358	1.07	0.06		
Entpd5	397	1.07	0.08	NM_007647.1	
Rnf26	543	1.07	0.10	NM_153762	
E2f6	2094	1.07	0.04	AK035116	
Mir16	6887	1.07	0.10	NM_019580.3	
D230007K08Rik	34	1.06	0.09	NM_175547.2	
LOC245502	98	1.06	0.13	XM_111935.2	
Gcn5l2	1412	1.06	0.22	NM_020004.1	
2310057J16Rik	216	1.06	0.19	XM_133997.5	
Hpcal1	201	1.06	0.12	NM_016677	
BC067047	457	1.06	0.14	XM_485102	
D130036J04Rik	104	1.06	0.19	AK051339	
LOC381134	74	1.06	0.25	XM_355051.1	
4930563C06Rik	161	1.06	0.19	AK016198	
BC060631	533	1.06	0.11	NM_177700.3	
Mapk3	301	1.06	0.22	NM_011952.1	
Itpkb	82	1.06	0.05	XM_205854.3	
4930422I07Rik	56	1.06	0.42	XM_150216.3	
Mettl9	1964	1.06	0.06		
scl0002018.1_19	40	1.06	0.67		
Zc3hdc5	323	1.06	0.07	NM_172569.1	
A830025K10Rik	58	1.06	0.13	AK043725	
B930030B22Rik	786	1.06	0.35		
Kcnk3	423	1.06	0.61	NM_010608.1	
Noxo1	56	1.06	0.27	NM_027988.1	
Tsnax	8785	1.06	0.14	NM_016909.1	
Sfrs2	5722	1.06	0.06	NM_011358.1	
scl0004168.1_6	185	1.06	0.19		
Cbx8	263	1.06	0.11	NM_013926.1	
Sertad2	500	1.06	0.08	NM_021372.1	

8430410K20Rik	5463	1.06	0.17	NM_145609.1	
AU019532	208	1.06	0.38	XM_149056.3	
5530601I19Rik	90	1.06	0.40	NM_027797	
Rchy1	234	1.06	0.31	NM_026557.2	
LOC328031	49	1.06	0.12	XM_286390.1	
Ep400	4624	1.06	0.18	NM_029337.1	
LOC381663	32	1.06	0.12	XM_355630.1	
Al646023	173	1.06	0.07	NM_198860.1	
Carhsp1	3105	1.06	0.05	NM_025821.2	
Mapt	448	1.06	0.23	NM_010838.2	
6330405H19	124	1.06	0.44	XM_358637.1	
Rap1b	9108	1.06	0.17	NM_024457.1	
Gss	221	1.06	0.16	NM_008180.1	
Zc3hdc3	350	1.06	0.18	NM_172121.1	
Sim2	1547	1.06	0.28	NM_011377.1	
B230205O20Rik	79	1.06	0.06		
Arhgef11	2334	1.06	0.27	XM_159702.3	
D17H6S56E-5	1136	1.06	0.07	NM_033075.2	
lpmk	803	1.06	0.09	XM_125641	
Nadk	4197	1.06	0.14		
2310079F23Rik	40	1.06	0.46	NM_030208.1	
Itm2b	2438	1.06	0.24	NM_008410.1	
Extl3	858	1.06	0.12	NM_018788.2	
Gstt2	32	1.06	0.78	AK079739	
231006618Rik	77	1.06	0.16	NM_027346.1	
1810014F10Rik	1919	1.06	0.18	NM_026928.1	
2310008M20Rik	135	1.06	0.03	NM_025512.2	
Plunc	46	1.06	0.18	NM_011126.1	
6330577E15Rik	442	1.06	0.29	NM_026377.1	
l830077J02Rik	45	1.06	0.27		
Gpr146	88	1.06	0.25	NM_030258.2	
AW555464	6640	1.06	0.19	XM_127132.3	
A730086L23Rik	751	1.06	0.21	AK080555	
Gm347	1207	1.06	0.04		
Zwint	9801	1.06	0.06	NM_025635.1	
C3	115	1.06	0.32	NM_009778.1	
Il1r12	75	1.06	0.24	NM_133193	
2700092H06Rik	6813	1.06	0.08	XM_132529.2	
Gdap1	3087	1.06	0.07	NM_010267.2	
Uhrf1	3394	1.06	0.18	NM_010931.2	
Strap	4679	1.06	0.10	NM_011499.1	
Chd4	1537	1.06	0.11	NM_145979.1	
Ap3d1	1015	1.06	0.17	NM_007460.1	
Cdk5	333	1.06	0.17	NM_007668.2	
Ccnt1	1733	1.06	0.02	NM_009833.1	
5330411L03Rik	203	1.06	0.06	XM_485738	
LOC381703	49	1.06	0.35	XM_355673.1	
1500002C15Rik	62	1.06	0.16	AK005108	
F11r	312	1.06	0.16	NM_172647.1	
Capg	64	1.06	0.08	NM_007599	
A330080J22Rik	668	1.06	0.03	NM_178667	
2410080H04Rik	1091	1.06	0.07	NM_172522.1	
Hectd1	3115	1.06	0.36	XM_354671.1	
Kctd1	438	1.06	0.05	XM_355081.1	
Smurf1	89	1.06	0.12	NM_029438	
Dbnl	348	1.06	0.00	NM_013810.1	
1110012E06Rik	299	1.06	0.06	NM_029097.1	
2310047D07Rik	39	1.06	0.45	XM_149713.1	
4732460K03Rik	223	1.06	0.23		
LOC384636	44	1.06	0.29	XM_357758.1	
9830143E02Rik	154	1.06	0.30	AK036626	
Kcnb1	313	1.06	0.26	NM_008420.3	
Amhr2	41	1.06	0.32	NM_144547.1	
E430007C11Rik	66	1.06	0.32	AK088198	
BC043118	93	1.06	0.13	NM_174848.2	
Rundc1	1082	1.06	0.14	NM_172566.1	
Appbp2	2143	1.06	0.15	NM_025825.2	
1700015E05Rik	226	1.06	0.20	AK005989	

Atp1b3	7057	1.06	0.05	NM_007502.1	
LOC381829	35	1.06	0.29	XM_358660.1	
4930438M06Rik	213	1.06	0.03	AK015338	
Fbxo28	1192	1.06	0.16	NM_175127.1	
5730596K20Rik	236	1.06	0.01	NM_146091.2	
C030048H21Rik	166	1.06	0.07	AK021159	
B630009B09Rik	73	1.06	0.31	AK046755	
D130054N24Rik	596	1.06	0.19	NM_178709.2	
scl0003448.1_536	379	1.06	0.20		
Faf1	4823	1.06	0.14	NM_007983.2	
Hnrpa2b1	1569	1.06	0.02	NM_016806	
LOC224833	57	1.06	0.09	NM_145489.1	
Jundm2	448	1.06	0.22	NM_030887.2	
Irak1	577	1.06	0.39	NM_008363	
BC030863	547	1.06	0.04	XM_359324.1	
G6pc2	36	1.06	0.30	NM_021331.1	
Actr1b	2688	1.06	0.27	NM_146107	
LOC380927	1814	1.06	0.08	XM_354834.1	
LOC224687	30	1.06	0.42	XM_139867.3	
LOC280621	49	1.06	0.25	NM_175033.1	
LOC382175	34	1.06	0.28	XM_356277.1	
Usp37	843	1.06	0.02	NM_176972.2	
Llg1	3577	1.06	0.09		
B930076A02	102	1.06	0.43	NM_183311.1	
Ugcg	3105	1.06	0.09	NM_011673	
BC031781	6870	1.06	0.14	NM_145943.1	
4933407N01Rik	897	1.06	0.19	NM_025745.2	
Mkrm1	295	1.06	0.12	AK005137	
Umps	1139	1.06	0.07	NM_009471.1	
B930045J24Rik	375	1.06	0.08	AK047284	
Tmem9b	958	1.06	0.15		
9130404D14Rik	652	1.06	0.17	NM_146119.1	
Stx3	280	1.06	0.29	NM_011502	
Pars2	156	1.06	0.06		
Th1l	1309	1.06	0.11	NM_020580.1	
Gip	54	1.06	0.12	NM_008119.2	
Nol7	148	1.06	0.27	NM_023554.1	
4930500O05Rik	76	1.06	0.44		
Gpr19	999	1.06	0.30	NM_008157.1	
Asb7	51	1.06	0.15	NM_178236.2	
Scd2	605	1.06	0.41	NM_009128.1	
5330438F10Rik	38	1.06	0.46	AK030609	
4932443D16Rik	1477	1.06	0.18		
2010301N04Rik	96	1.06	0.18	NM_024251.2	
Thbs3	267	1.06	0.05	NM_013691.1	
LOC225021	113	1.06	0.20	XM_123193.2	
LOC383456	98	1.06	0.23	XM_358732.1	
2010004N17Rik	256	1.06	0.16	AK008106	
LOC385729	41	1.06	0.67	XM_110879.4	
Dgkq	468	1.06	0.09	NM_199011.1	
2810405F18Rik	1361	1.06	0.06	NM_028142.1	
Zhx3	356	1.06	0.09	NM_177263	
B130050I23Rik	539	1.06	0.09	NM_153536.2	
Phgdh	911	1.06	0.07	NM_016966	
Gla	41	1.06	0.32	NM_013463.1	
1110059E24Rik	571	1.06	0.10	NM_025423	
Polr3k	806	1.06	0.21	NM_025901.2	
Ostm1	4705	1.06	0.10	NM_172416.2	
9430030N17Rik	75	1.06	0.31		
LOC386085	42	1.06	0.72	XM_359063.1	
Rasgrp4	39	1.06	0.21	NM_145149.1	
1110018G07Rik	2232	1.06	0.05	NM_178065.3	
Ciz1	393	1.06	0.30	NM_028412.1	
2210011G09Rik	511	1.06	0.08		
BC058674	277	1.06	0.08	XM_149933.2	
Acadl	220	1.06	0.16	NM_007381.2	
Fts	166	1.06	0.17	NM_010241.1	
Pcqap	1242	1.06	0.09	NM_033609.1	

Carm1	385	1.06	0.24	NM_021531.1	
2610528K11Rik	241	1.06	0.11	NM_175184.3	
1110031B06Rik	926	1.06	0.32	NM_144521.1	
Nde1	669	1.06	0.08	NM_023317	
Txin	309	1.06	0.18	XM_131709.5	
scl0002907.1_0	114	1.06	0.18		
2610030H06Rik	1428	1.06	0.17	XM_110750	
Hoxa13	40	1.06	0.17	NM_008264	
2310007O11Rik	4446	1.06	0.12		
Dsip1	186	1.06	0.38	NM_010286.2	
V1rc25	45	1.06	0.16	NM_134180.1	
Trafd1	716	1.06	0.08		
Pkd1i3	39	1.06	0.40	NM_181544.1	
Al894139	177	1.06	0.22	NM_178898.2	
Elk3	120	1.06	0.25	NM_013508	
Pex5	470	1.06	0.17	NM_175933.1	
2700049A03Rik	956	1.06	0.08	XM_126944.3	
Als2	782	1.06	0.02	NM_028717.2	
Smg6	441	1.06	0.14		
Prkar1a	11035	1.06	0.02	NM_021880.1	
Slc16a9	52	1.06	0.55	NM_025807.1	
BC042423	571	1.06	0.31		
Lmo6	473	1.06	0.27	NM_175097.2	
C630028N24Rik	55	1.06	0.15	NM_177351	
Dner	4817	1.06	0.29	NM_152915.1	
MGC107702	41	1.06	0.18		
Prmt2	2086	1.06	0.14		
Tex27	4805	1.06	0.16	NM_148926.1	
LOC381241	755	1.06	0.10	XM_355183.1	
Sec61	416	1.06	0.28	NM_177333	
D130007C19Rik	49	1.06	0.22	AK051152	
Arl1	5610	1.06	0.09	NM_025859.1	
Mtf2	1250	1.06	0.07	NM_013827.1	
2610036D13Rik	843	1.06	0.21	NM_029282.1	
Ift172	1053	1.06	0.07	NM_026298.4	
Scp2	1992	1.06	0.13	NM_011327.1	
Zfp46	1112	1.06	0.14	NM_009557.1	
Gm83	1566	1.05	0.27	NM_198606.1	
Cplx1	683	1.05	0.10	NM_007756.2	
Bag3	2347	1.05	0.22	NM_013863.3	
Fbxw4	127	1.05	0.08	NM_013907.1	
Foxo1	165	1.05	0.13	NM_019739.2	
2400003C14Rik	1813	1.05	0.10	NM_028018.1	
Creb3l2	694	1.05	0.07	NM_178661.2	
Dctn2	4301	1.05	0.14	NM_027151.1	
BC052486	221	1.05	0.24		
Fbxo15	35	1.05	0.19		
2210008I11Rik	5580	1.05	0.12	NM_145124	
Gdap4	38	1.05	0.10		
Ppm1a	4679	1.05	0.19	NM_008910.2	
Smarca5	292	1.05	0.35	NM_053124.2	
Crry	161	1.05	0.03	NM_013499	
2810439F02Rik	225	1.05	0.04	AK080904	
3110049J23Rik	119	1.05	0.28	NM_026085.1	
Bcat2	91	1.05	0.69	NM_009737.1	
Ngfa	1281	1.05	0.36	NM_010915.1	
Cyp27a1	54	1.05	0.17	NM_024264.3	
Igsf4a	238	1.05	0.29	NM_018770	
Slc6a9	650	1.05	0.07	NM_008135	
Wbp2	24375	1.05	0.32	NM_016852.1	
Rab5b	192	1.05	0.20	NM_177411.2	
Man2b1	1052	1.05	0.08	NM_010764	
Tpst1	5164	1.05	0.19	NM_013837.1	
2210419D22Rik	2365	1.05	0.28		
Sin3a	902	1.05	0.20	NM_011378.1	
Suz12	3354	1.05	0.11		
2700085M18Rik	97	1.05	0.44	NM_030198.1	
Ppat	1139	1.05	0.13	NM_172146	

Olf134	46	1.05	0.11	NM_146832.1	
C77668	1566	1.05	0.18	NM_145540.2	
Hsp105	9967	1.05	0.25	NM_013559.1	
Azi1	548	1.05	0.13	NM_009734.1	
Gm817	54	1.05	0.50		
Ncaph2	1416	1.05	0.15		
Ndor1	210	1.05	0.11	NM_178239.2	
Zcwcc1	3939	1.05	0.22	NM_198162.1	
Olf1724	132	1.05	0.13	NM_146492.1	
1700034P14Rik	105	1.05	0.17	AK006608	
Sec63	2337	1.05	0.15	NM_153055.2	
2810422O20Rik	91	1.05	0.05	NM_027279.2	
B4galt4	206	1.05	0.14	NM_019804.1	
Zfp106	136	1.05	0.41	AK031440	
Zbtb16	55	1.05	0.26	XM_134826.2	
Eml4	587	1.05	0.15	NM_199466	
Paip2	1889	1.05	0.07	NM_026420.1	
D330004F16Rik	179	1.05	0.21	AK084474	
A230020J09Rik	49	1.05	0.29	AK038497	
Coq10b	2886	1.05	0.09		
4833445A15Rik	882	1.05	0.04	AK076536	
Pitrm1	1977	1.05	0.06	NM_145131.1	
D1Pas1	34	1.05	0.62	NM_033077.2	
Rfx1	212	1.05	0.04	NM_009055.2	
A830096H11Rik	348	1.05	0.08	AK044162	
LOC381414	49	1.05	0.06	XM_358569.1	
Nol11	488	1.05	0.10		
BC017647	1935	1.05	0.11	NM_145430.1	
Snn	786	1.05	0.22	NM_009223.1	
Prkar2b	1249	1.05	0.24	NM_011158.2	
Aps-pending	65	1.05	0.22	AK017604	
4930422J18Rik	624	1.05	0.07	NM_029035.2	
Acacb	485	1.05	0.21	XM_132282.2	
0610025P10Rik	238	1.05	0.18	XM_126221.4	
Dos	223	1.05	0.14	XM_125771.5	
D10Wsu52e	3491	1.05	0.09	NM_145422.1	
5830467E07Rik	86	1.05	0.03	XM_149818.1	
Pigc	45	1.05	0.32	NM_026078.1	
LOC224046	53	1.05	0.18	XM_147198.3	
Pygb	1997	1.05	0.12	NM_153781.1	
1110054N06Rik	1133	1.05	0.06	NM_175134.2	
C130064E22Rik	168	1.05	0.09	AK048477	
Tesk1	116	1.05	0.15	NM_011571.2	
8430419L09Rik	237	1.05	0.15	NM_028982.2	
Cdc25b	392	1.05	0.13	NM_023117	
AI551093	736	1.05	0.10		
Emilin1	80	1.05	0.45	NM_133918.1	
Ssr3	11699	1.05	0.06	NM_026155.1	
2810436B12Rik	47	1.05	0.14		
Tdrkh	726	1.05	0.06	XM_131021.5	
6430408L10Rik	52	1.05	0.33	AK032187	
Tgif	429	1.05	0.05	NM_009372.2	
Gtl3	324	1.05	0.11	NM_008187.1	
Anp32e	1786	1.05	0.15	NM_023210.2	
9430077A04Rik	49	1.05	0.07	NM_177134.2	
Mgl1	53	1.05	0.54	NM_010796.1	
Adipor2	2703	1.05	0.06	NM_197985.2	
Camta2	2226	1.05	0.28	NM_178116.2	
BC066028	3357	1.05	0.09		
Rhob	1416	1.05	0.67	NM_007483.2	
LOC382215	3388	1.05	0.23	XM_356328.1	
scl0002850.1_66	37	1.05	0.62		
BC006933	2796	1.05	0.27	NM_146040.1	
Pea15	494	1.05	0.22	NM_011063.1	
Jmjd5	158	1.05	0.15		
Ppp1r9b	639	1.05	0.18	NM_172261.1	
App5l	630	1.05	0.10	NM_053069.2	
Kctd20	753	1.05	0.02		

C230081G24Rik	31	1.05	0.69	AK048916	
Zfyve19	77	1.05	0.24	NM_028054.1	
2610014F08Rik	288	1.05	0.23	XM_130321.4	
9630009A08Rik	46	1.05	0.67	AK035833	
H3f3b	21602	1.05	0.10	NM_008211.2	
Statip1	1444	1.05	0.05	AK044699	
Baiap1	150	1.05	0.40	NM_010367	
Centb5	617	1.05	0.20	XM_131838.5	
LOC271374	38	1.05	0.32	XM_195002.2	
Mpp1	2877	1.05	0.17	AK036415	
Abca3	1974	1.05	0.12	NM_013855.1	
Wasf1	6842	1.05	0.11	NM_031877.2	
B930093C12Rik	151	1.05	0.43	NM_172945.1	
LOC381922	36	1.05	0.12	XM_358678.1	
9530007E02Rik	59	1.05	0.12	AK035265	
Toe1	420	1.05	0.09		
Vti1a	347	1.05	0.04	NM_183291.1	
Cdc14b	311	1.05	0.06	NM_172587.2	
Ecm1	48	1.05	0.09	NM_007899	
1700011I11Rik	236	1.05	0.28	NM_029291	
A530017D24Rik	186	1.05	0.20		
Prmt3	2350	1.05	0.19		
Mcc	53	1.05	0.14		
C820004B04Rik	53	1.05	0.10	NM_176901.2	
Hap1	1064	1.05	0.06	NM_010404.2	
Cyb561	6830	1.05	0.19	NM_007805.2	
A930033C01Rik	58	1.05	0.23	XM_132396	
Epor	45	1.05	0.37	NM_010149.2	
C130002N06	49	1.05	0.14		
2610528H13Rik	40	1.05	0.41	NM_145944	
1300002F13Rik	5682	1.05	0.28	NM_133753.1	
Frmf6	240	1.05	0.20		
1500031A17Rik	700	1.05	0.13	XM_130797.3	
Maea	1500	1.05	0.06	NM_021500	
Zranb2	5099	1.05	0.10		
LOC629605	202	1.05	0.15		
9630055N22Rik	1300	1.05	0.34	NM_198025.1	
Flrt1	91	1.05	0.38	NM_201411.1	
Phf17	718	1.05	0.23	BC020316	
Otub2	1396	1.05	0.20	NM_026580.1	
4930428J16Rik	50	1.05	0.25	XM_129160.4	
Phc1	867	1.05	0.18	NM_007905.1	
B930001L07Rik	40	1.05	0.57	AK046898	
Rhbdl6	38	1.05	0.44	NM_172572.1	
Usp20	1405	1.05	0.16	NM_028846.1	
1600021P15Rik	1489	1.05	0.29		
C330001N20Rik	7586	1.05	0.27	AK021168	
D6Ertf538e	680	1.05	0.06	NM_001001160	
2610020N02Rik	661	1.05	0.13	NM_181470.2	
2310069I04Rik	209	1.05	0.34	NM_133715.1	
D130004H04Rik	353	1.05	0.05		
4932413O14Rik	76	1.05	0.14	NM_177230.2	
Acad8	90	1.05	0.17	NM_025862.1	
C230067O06Rik	1600	1.05	0.08	AK082600	
Ap3m2	130	1.05	0.04	AK080668	
Lrch3	127	1.05	0.17		
Zfp207	930	1.05	0.13	AK033497	
Gmppb	182	1.05	0.12	NM_177910.2	
Sox2	41	1.05	0.62	NM_011443.2	
Cfdp1	723	1.05	0.14	NM_011801.1	
Mcat	197	1.05	0.15		
Fsd1	144	1.05	0.01	NM_183178.1	
Mgat4a	158	1.05	0.26	NM_173870.1	
1700016D02Rik	612	1.05	0.09	XM_358455.1	
D030060M11Rik	338	1.05	0.29	NM_146000.1	
Fgfr1	100	1.05	0.40	NM_010206.1	
Pcca	296	1.05	0.05	NM_144844.1	
Adk	1289	1.05	0.13	NM_134079	



Ang1	49	1.05	0.24	NM_007447	
Stk36	361	1.05	0.37		
Pdcd10	1534	1.05	0.13	NM_019745.2	
Olfir665	43	1.05	0.31	NM_146814	
Pnrc2	2017	1.05	0.09	NM_026383.1	
Skp2	464	1.05	0.10	AK037002	
9330147J08Rik	390	1.05	0.31		
Smarcb1	1178	1.05	0.17	NM_011418.1	
Egr4	119	1.05	0.12	NM_020596.1	
LOC385651	117	1.05	0.23	XM_358846.1	
6030446119Rik	157	1.05	0.38	NM_146122.2	
E430012M05Rik	161	1.05	0.17	NM_177310.2	
1100001F19Rik	3224	1.05	0.11	XM_124187.1	
Nfs1	423	1.05	0.04	AK084831	
BC002236	1143	1.05	0.19	NM_024475.2	
9530095P18Rik	118	1.05	0.38	AK079301	
2700075B01Rik	136	1.05	0.10	NM_029669.2	
Hexim2	122	1.05	0.23		
Tead4	62	1.05	0.15	NM_011567.1	
LOC217431	70	1.05	0.27	XM_126825.3	
2610319K07Rik	1477	1.05	0.17	NM_028264.2	
Brd7	398	1.05	0.07	NM_012047	
Mtpn	1257	1.05	0.05	NM_008098.2	
C130045I22Rik	178	1.05	0.16		
Clic4	7678	1.05	0.05	XM_124389.1	
Lgmn	4450	1.05	0.05	NM_011175.1	
Chic1	197	1.05	0.09	XM_486740	
4930521E07Rik	624	1.05	0.07	NM_026260.2	
Ythdf2	2660	1.05	0.05	NM_145393	
9430069J07Rik	558	1.05	0.20	NM_213727	
Ftsj3	1322	1.05	0.34	NM_025310.2	
Clgn	574	1.04	0.16	NM_009904	
Megf10	37	1.04	0.19		
Araf	1254	1.04	0.05	AK010060	
Anks1	217	1.04	0.23	NM_181413.2	
Igfbp1	384	1.04	0.07	AK032709	
Lrp11	13080	1.04	0.07	NM_172784.1	
4930402I03Rik	38	1.04	0.17	AK029576	
Socs7	86	1.04	0.31	NM_138657.1	
Thumpd3	1247	1.04	0.12		
4930418J05Rik	97	1.04	0.21	AK015166	
Nr1d2	256	1.04	0.36	NM_011584.2	
Napb	670	1.04	0.14	NM_019632	
Ash2l	1072	1.04	0.16	NM_011791.1	
LOC382765	52	1.04	0.16	XM_356666.1	
Sema4d	86	1.04	0.56	NM_013660.1	
Mfi2	44	1.04	0.17	NM_013900.1	
Catns	182	1.04	0.44	NM_007615.1	
1700020I14Rik	45	1.04	0.11	AK030275	
Rutbc2	1258	1.04	0.21	NM_172718.1	
5730472N09Rik	989	1.04	0.16	NM_175392.3	
B130015M16Rik	670	1.04	0.16	AK044956	
5530402M19Rik	482	1.04	0.20		
Riok3	2411	1.04	0.04	NM_024182.2	
Wdr13	226	1.04	0.20	NM_026137.1	
LOC381825	472	1.04	0.15	XM_355825.1	
scl0004020.1_31	7374	1.04	0.24		
5330427M13Rik	43	1.04	0.25	XM_140850.3	
scl000438.1_148	196	1.04	0.16		
B230331O10Rik	62	1.04	0.20	AK045996	
Nfia	66	1.04	0.10	NM_010905.1	
Fbxo34	603	1.04	0.06	NM_030236.1	
Coro1b	1073	1.04	0.08	NM_011778.1	
1810013H02Rik	2206	1.04	0.13		
Gtf2ird2	456	1.04	0.10		
Sphk2	445	1.04	0.29	NM_203280.1	
Acvr2b	1482	1.04	0.12	NM_007397.1	
LOC386144	244	1.04	0.17	XM_359091.1	

Rad21	60	1.04	0.74	NM_009009.2	
E130307J04Rik	42	1.04	0.17	NM_178780.2	
4932414K18Rik	6304	1.04	0.09	NM_173764	
Pygm	160	1.04	0.14	NM_011224.1	
Napa	790	1.04	0.10	NM_025898.1	
Orc5l	2009	1.04	0.24	NM_011959.1	
Heatr3	109	1.04	0.37		
LOC386537	81	1.04	0.05	XM_359381.1	
Mcm2	5112	1.04	0.12	NM_008564.1	
5730406I15Rik	36	1.04	0.87	NM_025668.1	
Celsr3	841	1.04	0.17	NM_080437.1	
Rgs4	115	1.04	0.15	NM_009062.2	
A830054O07Rik	83	1.04	0.03		
LOC270156	74	1.04	0.26	XM_194457.2	
Npn3	1177	1.04	0.07	NM_029688.2	
Elavl1	1562	1.04	0.14	NM_010485.2	
Il10rb	514	1.04	0.18	NM_008349.1	
Wbscr1	24701	1.04	0.10	NM_033561.1	
Art1	44	1.04	0.19	AK009284	
BC021523	99	1.04	0.27	NM_172611.1	
1700028I16Rik	52	1.04	0.24		
2010313D22Rik	2303	1.04	0.30		
6430706D22Rik	5265	1.04	0.28		
Trim45	53	1.04	0.10	NM_194343.1	
1700057H15Rik	46	1.04	0.20	XM_287378.1	
Crat	80	1.04	0.06	NM_007760	
Gga3	317	1.04	0.14	NM_173048.1	
Pkp1	40	1.04	0.49	NM_019645.1	
Smad4	8681	1.04	0.07	NM_008540.2	
Smug1	774	1.04	0.13	NM_027885.2	
9130017N09Rik	106	1.04	0.38	NM_030218.1	
9630009L01Rik	82	1.04	0.19	AK035840	
Coq4	245	1.04	0.15	NM_178693.2	
Pkp4	534	1.04	0.08	XM_130277.3	
Rnf121	90	1.04	0.14	NM_029211	
Tmem1	862	1.04	0.22	XM_125775	
Slc30a6	665	1.04	0.10	NM_144798.2	
Tcp1	2947	1.04	0.16	NM_013686	
Mlp	955	1.04	0.37	NM_010807.2	
Hprt	4163	1.04	0.26	NM_013556	
Heatr1	1840	1.04	0.20		
Rap1gds1	2816	1.04	0.14	NM_145544	
1500009L16Rik	70	1.04	0.63		
2610208M17Rik	928	1.04	0.11	NM_145626.1	
Dusp11	2228	1.04	0.16	NM_028099.2	
Fbxo16	106	1.04	0.27	NM_015795.1	
Cxadr	1387	1.04	0.10	AK004908	
Gcnt2	60	1.04	0.20	NM_133219.1	
Gtl2	32	1.04	0.17	NM_144513	
Asph	111	1.04	0.16	NM_023066	
2610301B20Rik	226	1.04	0.07	NM_026005.2	
2610020H15Rik	2388	1.04	0.13	NM_025638.1	
A930030J18Rik	113	1.04	0.13	AK044660	
LOC381727	48	1.04	0.08	XM_355703.1	
Cdc2a	1351	1.04	0.16	NM_007659.2	
lfrg15	323	1.04	0.37	NM_022329.2	
A630082N15Rik	105	1.04	0.05	NM_177144.2	
Mab21l2	89	1.04	0.16	NM_011839.2	
C630004H02Rik	700	1.04	0.06	NM_175454.1	
Pcdhgc3	32	1.04	0.61	AK089310	
1110001C20Rik	1882	1.04	0.18	NM_177730.2	
1700049E17Rik	658	1.04	0.11	NM_028535.1	
Ttc5	446	1.04	0.17	NM_177625.2	
LOC382737	386	1.04	0.12	XM_356650.1	
Fchsd1	204	1.04	0.22	NM_175684.3	
AI849156	97	1.04	0.16	NM_183142.1	
scl0002962.1_181	231	1.04	0.14		
Onecut2	1003	1.04	0.40	NM_194268.1	

Tln1	86	1.04	0.36	NM_011602.2	
Gprin1	5504	1.04	0.15	NM_012014.1	
LOC382162	349	1.04	0.18	XM_356262.1	
Mboat2	259	1.04	0.12		
BC039093	1754	1.04	0.30	XM_131700.4	
Ryk	2478	1.04	0.08	NM_013649.2	
2510039O18Rik	1430	1.04	0.19	NM_029841.1	
BC011210	180	1.04	0.27	NM_173863.1	
Rabif	684	1.04	0.16	NM_145510.1	
D330028D13Rik	1751	1.04	0.18	NM_172727.1	
Pafah2	193	1.04	0.11	NM_133880.1	
Cables2	318	1.04	0.10	NM_145851	
Sh3md1	36	1.04	0.51	NM_008018.1	
Fbxl16	565	1.04	0.40	XM_128530.4	
BC022641	487	1.04	0.13	NM_181594.2	
Tada2l	160	1.04	0.20	NM_172562	
2810468K17Rik	199	1.04	0.15	NM_028369.1	
Reps1	1822	1.04	0.02	AK041967	
Zbtb33	486	1.04	0.13	NM_020256.1	
D11Moh35	378	1.04	0.16	NM_172300.2	
D10627	335	1.04	0.26	XM_486116	
C730023J07Rik	94	1.04	0.09	AK050154	
Trp53bp2	223	1.04	0.12	NM_173378.1	
Kdr	43	1.04	0.23	AK054510	
Kbtbd4	685	1.04	0.10	NM_025991.1	
Cnksr2	40	1.04	0.34	NM_177751.2	
Tomm70a	1539	1.04	0.27	NM_138599.2	
Qars	557	1.04	0.04	XM_486261	
9030221M09Rik	104	1.04	0.21	NM_177298.2	
scl0004085.1_27	273	1.04	0.23		
A930031D07Rik	58	1.04	0.34	NM_172510	
Hs6st1	1112	1.04	0.43	XM_147286.1	
A830091I15Rik	88	1.04	0.34	NM_172795.2	
TEF3	51	1.04	0.08	AK036619	
4922501C03Rik	258	1.04	0.09	NM_199316.1	
Hfe	38	1.04	0.36	NM_010424.2	
Rbms1	693	1.04	0.29	NM_020296.1	
E130012E10Rik	165	1.04	0.31	AK053369	
D430006A07Rik	34	1.04	0.73	AK084888	
Zfp161	152	1.04	0.41	NM_009547	
BC022687	377	1.04	0.15	NM_145450.2	
4932412H11Rik	44	1.04	0.29	NM_172879.1	
Coil	198	1.04	0.21	NM_016706.1	
D230004N23Rik	34	1.04	0.49	AK084171	
Mark2	3382	1.04	0.13	NM_007928	
Hspcb	11356	1.04	0.07	NM_008302.2	
1810009N02Rik	115	1.04	0.26	NM_026939.1	
scl0003125.1_0	36	1.04	0.22		
Pole4	497	1.04	0.05	NM_025882.1	
Pdpk1	584	1.04	0.09	NM_011062.1	
Dnb5	177	1.04	0.33	NM_173774.2	
Rgs7	596	1.04	0.10	NM_011880.1	
2810475A17Rik	2341	1.04	0.10	NM_028355.1	
1200013F24Rik	485	1.04	0.15	AK045433	
Grb7	9692	1.04	0.07	NM_010346	
1700022N24Rik	227	1.04	0.16	NM_145355.2	
Akap8	102	1.04	0.36	AK030964	
Hoxc6	460	1.04	0.05	NM_010465.1	
Sdf4	612	1.04	0.05	NM_011341.3	
Zfp35	222	1.04	0.23	NM_011755.1	
Polg	330	1.04	0.12	NM_017462.1	
2510009E07Rik	1977	1.04	0.12	NM_001001881	
C130073O12Rik	663	1.04	0.20	AK081751	
BC052040	2365	1.04	0.30	NM_207264.2	
Snx10	2576	1.04	0.10	NM_028035.2	
Zfp98	566	1.04	0.34	NM_016793.1	
B930096L08Rik	586	1.04	0.25	NM_172477.1	
Spag4	214	1.04	0.05	NM_139151	

Abcb9	192	1.04	0.13	NM_019875	
Slc16a10	169	1.04	0.18	NM_028247.1	
Art5	91	1.04	0.22	NM_007491.1	
2610020C11Rik	65	1.04	0.22	NM_028130.2	
Gosr1	265	1.04	0.18	NM_016810.2	
scl0002883.1_98	271	1.04	0.09		
Ilf3	870	1.04	0.02	NM_010561.1	
D030022C03Rik	41	1.04	0.29	AK050817	
Aldh1b1	302	1.04	0.11	NM_028270.2	
Brrn1	1579	1.04	0.36	NM_144818	
Sh3tc1	53	1.04	0.24	NM_194344.1	
Renbp	181	1.04	0.10	NM_023132.1	
Mat2b	437	1.04	0.04	NM_134017.1	
LOC382237	341	1.04	0.17	XM_356351.1	
Stc1	620	1.04	0.23	NM_009285	
Taz	825	1.04	0.06	NM_181516.2	
2210417D09Rik	74	1.04	0.11	NM_025620.1	
Ppfia1	1654	1.04	0.04	XM_133979	
Dnajc5	3979	1.04	0.09	NM_016775.2	
Olf352	47	1.04	0.24	NM_146940.1	
Arhgap1	1270	1.04	0.04	NM_146124.2	
Fbxo21	1993	1.04	0.21	NM_145564.2	
Akt2	304	1.04	0.23	NM_007434.2	
Bre	661	1.04	0.07	NM_144541	
ORF61	2144	1.04	0.25	XM_109575.3	
Pigt	11784	1.04	0.09	NM_133779	
Gtpbp2	3359	1.04	0.02	NM_019581.2	
Cmas	3102	1.04	0.32	NM_009908.1	
Crk	1657	1.04	0.15	NM_133656	
D11Erd707e	1479	1.04	0.04	NM_025918.1	
DXImx46e	1520	1.03	0.06	NM_138604.2	
Asb9	37	1.03	0.37	NM_027027.1	
Ece1	715	1.03	0.27	NM_199307.1	
scl000179.1_19	517	1.03	0.07		
Kctd6	395	1.03	0.11	NM_027782.1	
Gltd1	560	1.03	0.07		
4833442J19Rik	68	1.03	0.02	NM_177101.2	
Vps16	1656	1.03	0.04	NM_030559.2	
Cish	266	1.03	0.36	NM_009895.2	
B430201A12Rik	215	1.03	0.33	XM_283903.2	
Ehbp1	415	1.03	0.07	NM_153078.1	
2410011O22Rik	376	1.03	0.08	NM_183133.1	
LOC269374	579	1.03	0.29	XM_194043.3	
Dhx38	1304	1.03	0.10		
Phf14	45	1.03	0.28		
4930504E06Rik	796	1.03	0.22	NM_133858.2	
Cbx3	2411	1.03	0.08	NM_007624	
Wbscr24	98	1.03	0.17	NM_177574.1	
Recql4	89	1.03	0.15	NM_058214.1	
C130072A16Rik	647	1.03	0.11	AK081724	
Itga2b	80	1.03	0.21	NM_010575.1	
Actn2	30	1.03	0.42	NM_033268.2	
4432405B04Rik	252	1.03	0.21	NM_026486.1	
Gtf2e1	2697	1.03	0.18	NM_028812.1	
Fbxo42	840	1.03	0.02	NM_172518.2	
D130072O21Rik	3415	1.03	0.31	NM_175322.2	
BC010584	191	1.03	0.26	XM_110350.4	
Pum2	1015	1.03	0.11	NM_030723.1	
A230050P20Rik	106	1.03	0.20	NM_175687.1	
Mina	539	1.03	0.09	NM_025910.2	
Tmem16g	109	1.03	0.13		
LOC231237	480	1.03	0.15	XM_124516.2	
Alas1	5466	1.03	0.16	NM_020559.1	
A430037M23Rik	60	1.03	0.33	AK039975	
4931406O17Rik	63	1.03	0.36	XM_486260	
2310042M24Rik	833	1.03	0.17	NM_025868.1	
9430067K09Rik	42	1.03	0.22		
Pdzk8	166	1.03	0.32	XM_140761	

Galnact2	31	1.03	0.44	NM_030165.2	
1110020K19Rik	1147	1.03	0.08		
Map3k12	286	1.03	0.09	NM_009582.2	
LOC244710	629	1.03	0.27	XM_146826.2	
Zfp94	810	1.03	0.06	NM_009568.1	
Catnb	113	1.03	0.27	NM_007614.2	
4832412D13Rik	85	1.03	0.38	AK076431	
Snapap	481	1.03	0.02	NM_133854.2	
Rfxank	37	1.03	0.21	NM_011266	
Zfp346	431	1.03	0.29	NM_012017	
Styx	347	1.03	0.07	NM_019637.2	
2700063G02Rik	256	1.03	0.14	NM_177047.2	
2310047C21Rik	96	1.03	0.47	AK040124	
1600016N20Rik	393	1.03	0.10	XM_146151.2	
BC050092	61	1.03	0.46	NM_181419.2	
scl0004190.1_3	1398	1.03	0.10		
5830430H09Rik	32	1.03	0.44	AK020021	
lcmt	462	1.03	0.07	NM_133788	
Limd1	585	1.03	0.28	NM_013860.1	
Golph2	1686	1.03	0.10	NM_027307	
2310039E09Rik	124	1.03	0.12	NM_026509.1	
Vhlh	641	1.03	0.03	NM_009507	
5730453H04Rik	1262	1.03	0.16	NM_175338.2	
Mapkbp1	209	1.03	0.15	NM_011941.1	
1700009P13Rik	107	1.03	0.09	NM_144820.1	
Speer8-ps1	41	1.03	0.16	NR_001584.1	
Dnd1	162	1.03	0.28	NM_173383.1	
Myh3	126	1.03	0.19	XM_354614.1	
LOC381986	46	1.03	0.26	XM_356036.1	
3632413B07Rik	1873	1.03	0.11	NM_027230	
Leprotl1	5070	1.03	0.21	NM_026609.2	
2010321M09Rik	1448	1.03	0.05	NM_175153.2	
LOC238023	64	1.03	0.38	XM_137923.4	
4933430F16Rik	73	1.03	0.08	AK016991	
Sgpp1	5302	1.03	0.30	NM_030750.2	
Asns	13534	1.03	0.06	NM_012055.1	
LOC381297	780	1.03	0.17	XM_355238.1	
Cfl1	120	1.03	0.20	NM_007687.2	
1810073N04Rik	361	1.03	0.20	NM_024249	
Anxa4	566	1.03	0.24	NM_013471	
Rhpn1	70	1.03	0.23	NM_008164	
E130001F20Rik	122	1.03	0.12	AK087371	
Bcl2l1	293	1.03	0.50	NM_009743.2	
LOC331336	50	1.03	0.38	XM_285594.2	
LOC278147	243	1.03	0.12	XM_203216.2	
Ppp2r5c	1491	1.03	0.07	NM_012023	
0610037P05Rik	84	1.03	0.08	XM_148359.1	
Hook2	236	1.03	0.44	NM_133255	
Bcdin3	102	1.03	0.36		
Panx1	100	1.03	0.19	NM_019482.1	
Gna13	938	1.03	0.10	NM_010303.2	
Dcun1d3	184	1.03	0.23		
2310014D11Rik	33	1.03	0.23		
Cdkn1c	2768	1.03	0.16	NM_009876.2	
2210018M11Rik	2286	1.03	0.14	XM_356003.1	
9530077C05Rik	451	1.03	0.05	NM_026739.1	
1110003E12Rik	349	1.03	0.16		
D930042A21Rik	104	1.03	0.32	AK086621	
4732431J01Rik	41	1.03	0.41	AK028672	
LOC232077	45	1.03	0.15	XM_144880.1	
Tref1	82	1.03	0.20	NM_172622.1	
C530047L02Rik	58	1.03	0.14	AK049770	
Dffa	116	1.03	0.14	NM_010044.1	
Ggnbp2	6167	1.03	0.12	NM_153144.1	
Ltbp4	414	1.03	0.16	NM_175641.1	
Stat5a	125	1.03	0.27	NM_011488.2	
Amd2	956	1.03	0.22	NM_007444	
Ttc19	567	1.03	0.09	NM_028360.1	

Usp5	825	1.03	0.16	NM_013700.1	
Lck	400	1.03	0.11	NM_010693.1	
Gmps	537	1.03	0.27	XM_130877.3	
Nup133	639	1.03	0.08	NM_172288.1	
Trmt1	1525	1.03	0.09	NM_027296.1	
Zfp445	310	1.03	0.15	NM_173364.3	
5830417I10Rik	368	1.03	0.16	XM_194592	
Atp6v0a2	344	1.03	0.05	NM_011596	
Map3k11	1061	1.03	0.45	NM_022012.2	
Itga3	1551	1.03	0.08	NM_013565.2	
D630035D13Rik	123	1.03	0.24	AK085493	
Lrrc50	50	1.03	0.20		
Rragb	3225	1.03	0.12		
6430519M23Rik	52	1.03	0.42	AK032318	
LOC227092	51	1.03	0.38	XM_123660.2	
2310047D13Rik	1004	1.03	0.14	XM_282971	
39699	506	1.03	0.11		
Ddx23	44	1.03	0.08	XM_128190.3	
Pcdhb20	41	1.03	0.49	NM_053145.1	
Hoxa4	66	1.03	0.28	NM_008265.2	
LOC384387	44	1.03	0.41	XM_357615.1	
LOC269859	3178	1.03	0.24	XM_195629.1	
Wsb2	4687	1.03	0.08	NM_021539.3	
A830073O21Rik	426	1.03	0.15	NM_177118.2	
Snap23	460	1.03	0.18	NM_009222.2	
9130201F22Rik	941	1.03	0.12	AK033610	
Golga3	602	1.03	0.18	NM_008146.3	
Pi4k2a	1543	1.03	0.25	NM_145501.1	
2610024N24Rik	592	1.03	0.18	XM_128698.5	
Atad4	964	1.03	0.30		
Pols	668	1.03	0.26	NM_198600.1	
Set	120	1.03	0.20	AK014291	
Raf1	873	1.03	0.09	AK036317	
Acsl1	688	1.03	0.06	NM_007981.2	
scl0002445.1_75	130	1.03	0.11		
A930034L06Rik	40	1.03	0.26	NM_175692.2	
Tmed10	4520	1.03	0.26		
Mrp63	128	1.03	0.26	NM_026401.1	
Rab21	818	1.03	0.15	NM_024454.1	
E230008O15Rik	118	1.03	0.13	AK053983	
D15Bwg0759e	109	1.03	0.37		
Gan	89	1.03	0.21	XM_146539.4	
Zfp512	548	1.03	0.06	NM_172993	
Zcchc12	360	1.03	0.04	NM_028325.1	
A930004K21Rik	58	1.03	0.15	NM_172673.1	
Lrrc29	93	1.03	0.24	NM_177449	
1700051112Rik	80	1.03	0.16	XM_181390.2	
2610019N13Rik	820	1.03	0.04	AK011472	
Rab2	13877	1.03	0.07	NM_021518.2	
Clk4	1472	1.03	0.10	AK051099	
Pip5k1b	1206	1.03	0.13	NM_008847.2	
Dhdds	107	1.03	0.04	NM_026144.2	
Adrbk1	2631	1.03	0.22	NM_130863	
Smyd5	437	1.03	0.06	NM_144918.1	
Cables1	636	1.03	0.11	NM_022021.1	
scl0002312.1_1	95	1.03	0.29		
Dll3	77	1.03	0.08	NM_007866.1	
Grb2	76	1.03	0.09	NM_008163.2	
Mmp2	306	1.03	0.09	NM_008610.1	
1110014L17Rik	2184	1.03	0.07	NM_134020.1	
Gsk3a	158	1.03	0.45		
9130207N01	463	1.03	0.48	NM_177605.2	
2310020P08Rik	88	1.03	0.25	NM_027134.1	
Ccnb3	37	1.03	0.43	NM_183015	
C230022P08Rik	51	1.03	0.10	AK082204	
Gripap1	619	1.03	0.06		
Arl5b	48	1.03	0.25		
Tbcd	1869	1.03	0.15		

LOC242425	55	1.03	0.15	XM_143750.3	
Ick	401	1.03	0.13	NM_019987.1	
Syn1	2914	1.03	0.21	NM_013680.1	
Sp2	37	1.03	0.66	NM_030220	
Dhfr	47	1.03	0.53	NM_010049	
Nr2f1	2077	1.03	0.11	NM_010151.1	
Tmem32	890	1.03	0.20	NM_146234.2	
Rxra	51	1.03	0.36	NM_011305.2	
2610002M06Rik	554	1.03	0.02	NM_025921.1	
scl000309.1_341	30	1.03	0.41		
Tmc6	453	1.03	0.26	NM_181321.2	
LOC380718	404	1.03	0.06	XM_354636.1	
Al790326	310	1.03	0.08	NM_134003	
A830062E06Rik	129	1.03	0.18	AK043977	
Brf1	490	1.03	0.18	NM_028193.1	
Narfl	37	1.03	0.11	NM_026238.2	
Tmem150	50	1.03	0.12		
Kctd10	1789	1.03	0.04	NM_026145.2	
Map2k7	118	1.03	0.20	NM_011944.1	
B930096N04Rik	49	1.03	0.23	AK047599	
LOC434459	139	1.03	0.24		
2410004F06Rik	106	1.03	0.24	NM_028034.1	
Ppp2cz	47	1.03	0.10	NM_027982.1	
2310002A08Rik	41	1.03	0.16	AK049465	
Hc	90	1.03	0.08	NM_010406.1	
Ppp3r1	1189	1.03	0.14	NM_024459.1	
LOC381034	61	1.03	0.08	XM_354943.1	
Mthfd2	8209	1.03	0.12	NM_008638	
1500005N04Rik	67	1.03	0.42	AK005166	
0610040J01Rik	320	1.03	0.18	NM_029554.2	
Lgals9	88	1.03	0.28	NM_010708	
4933403L16Rik	140	1.03	0.21	XM_205476.3	
Dctn4	2061	1.03	0.18	NM_026302.2	
BC026778	55	1.03	0.29	NM_198604.1	
6330548O06Rik	641	1.03	0.20	NM_172994.2	
Klk24	61	1.03	0.44	NM_010643.1	
Fgd6	1385	1.03	0.23	NM_053072	
Ap4m1	465	1.03	0.09	NM_021392.2	
Stard6	213	1.03	0.14	NM_029019.2	
6530401I16Rik	104	1.03	0.34	AK078333	
Plxna2	352	1.03	0.28	NM_008882	
9430010O03Rik	2440	1.03	0.04	NM_176849	
Acsl6	207	1.03	0.07	NM_144823.1	
Zfp99	985	1.03	0.17	AK009842	
Pspc1	91	1.03	0.04	NM_025682	
2410127L17Rik	94	1.03	0.25	NM_026120	
Fbxl8	136	1.03	0.26	NM_015821.1	
1200014P03Rik	331	1.03	0.32	NM_029091.1	
Brap	155	1.03	0.26	NM_028227.1	
Unc5a	136	1.03	0.32	NM_153131.1	
Ovol2	92	1.03	0.20		
Ssbp2	521	1.02	0.13	NM_024272.1	
Rsu1	91	1.02	0.45	NM_009105	
D2Ert435e	183	1.02	0.40	NM_153387	
Nktr	155	1.02	0.26	AK088056	
Ddr2	52	1.02	0.19	NM_022563.1	
1300006N24Rik	510	1.02	0.23	NM_027911.2	
Tmco4	43	1.02	0.10		
Cxx1c	61	1.02	0.29		
4930563C04Rik	37	1.02	0.22	AK016197	
9630058C17Rik	37	1.02	0.37	AK036326	
Hdac3	1415	1.02	0.16	NM_010411.1	
LOC238321	51	1.02	0.26	XM_138094.2	
Gps1	1181	1.02	0.12	NM_145370.1	
Rnf144	58	1.02	0.36	NM_080563.2	
Tmem49	421	1.02	0.07		
2900052M09Rik	38	1.02	0.16	AK028243	
C130002K18Rik	50	1.02	0.24	XM_358371.1	

2310044G17Rik	1270	1.02	0.22	NM_173735.2	
4933408F15	35	1.02	0.31	NM_172715.1	
Pip5k2c	4511	1.02	0.14	NM_054097.2	
Napg	3411	1.02	0.21	XM_355095	
Casp9	302	1.02	0.07	AK085561	
9930014A18Rik	225	1.02	0.18	NM_177166.2	
Hcfc1	2689	1.02	0.12	NM_008224.2	
Apba2bp	45	1.02	0.54	NM_021546	
D330050B18Rik	99	1.02	0.40	AK084830	
Crsp2	348	1.02	0.29	NM_012005	
C130020C13Rik	329	1.02	0.14		
2900054D09Rik	429	1.02	0.19		
Sox12	744	1.02	0.20	NM_011438	
Fbxw7	276	1.02	0.01	NM_080428	
2310067E08Rik	553	1.02	0.29	NM_028013.1	
Cugbp1	1512	1.02	0.08	NM_198683.1	
4732496O08Rik	1212	1.02	0.10	NM_172877.1	
E130107N23Rik	2130	1.02	0.23	NM_173038.1	
Nkiras2	1095	1.02	0.26	NM_028024.1	
Nxf	36	1.02	0.45	NM_153553.1	
Prrx2	38	1.02	0.56	XM_149096.1	
G630013P12Rik	30	1.02	0.35	XM_127501	
Drg1	916	1.02	0.04	NM_007879.1	
scl0003608.1_34	115	1.02	0.48		
Gnas	1931	1.02	0.14	NM_010310.1	
1700030G05Rik	189	1.02	0.37	AK006544	
4933411K16Rik	43	1.02	0.40		
Fbxw2	154	1.02	0.04	AK005103	
2610207I05Rik	951	1.02	0.10		
6030408B16Rik	40	1.02	0.11	XM_358478.1	
Calr3	50	1.02	0.19	NM_028500	
Zcchc8	1157	1.02	0.12	NM_027494.1	
Abp1	63	1.02	0.47	NM_029638.1	
Tra1	15378	1.02	0.10	NM_011631.1	
Pitx2	154	1.02	0.08	NM_011098.2	
Itsn1	456	1.02	0.01	NM_010587	
Bid	386	1.02	0.15	NM_007544.2	
E430021A19Rik	176	1.02	0.34	AK088592	
2610018O07Rik	701	1.02	0.27		
A730045A15Rik	1544	1.02	0.24	AK042980	
LOC382010	613	1.02	0.06	XM_356076.1	
Pum1	1241	1.02	0.15	NM_030722.1	
Stim2	235	1.02	0.22	XM_132038	
D11Lgp2e	104	1.02	0.18	NM_030150	
2310006J04Rik	978	1.02	0.27	XM_134163.1	
Frap1	325	1.02	0.05	AK036004	
Traf2	189	1.02	0.16	NM_009422.1	
Plekhf2	803	1.02	0.11	NM_175175.3	
Nck1	431	1.02	0.26	NM_010878	
1810007P19Rik	150	1.02	0.46	NM_172701.1	
Dusp1	2854	1.02	0.12	NM_013642.1	
2310047K21Rik	684	1.02	0.17	XM_488951	
Man1b	132	1.02	0.21	NM_010763.1	
LOC432637	46	1.02	0.38		
2210408O09Rik	133	1.02	0.14	NM_028212.1	
Usp36	1242	1.02	0.26	XM_126772.3	
Epc1	619	1.02	0.10	NM_027497.1	
Phf10	4999	1.02	0.06	NM_024250.3	
Pold3	1694	1.02	0.01	NM_133692.1	
BC031601	3292	1.02	0.14	XM_486265	
scl0004214.1_77	201	1.02	0.17		
Rccd1	87	1.02	0.19		
Fez2	323	1.02	0.14	NM_199448.1	
B430202K04Rik	57	1.02	0.17	AK046601	
9330180L10Rik	1265	1.02	0.12		
C630049M13	90	1.02	0.56	NM_172832.1	
Tmem176a	153	1.02	0.53		
Zmat2	64	1.02	0.18	NM_025594.2	



6430526N21Rik	82	1.02	0.14	AK032361	
LOC381138	34	1.02	0.90	XM_358512.1	
Mklin1	2109	1.02	0.13	AK037967	
Senp5	182	1.02	0.16	NM_177103.2	
Sdc2	1466	1.02	0.11	NM_008304.1	
D19Wsu162e	3396	1.02	0.16	NM_146099	
AI840980	250	1.02	0.44	NM_153119.2	
LOC383036	159	1.02	0.23	XM_356814.1	
Spaca4	50	1.02	0.06		
4930555L03Rik	393	1.02	0.21	XM_204030.1	
Hlf	67	1.02	0.22	NM_172563.2	
D9Ert392e	1816	1.02	0.16	NM_028181	
Ensa	454	1.02	0.10	NM_019561	
Timeless	207	1.02	0.28	NM_011589	
2600002E23Rik	2509	1.02	0.18	NM_026441.2	
Ddb2	153	1.02	0.14	NM_028119.2	
LOC240053	59	1.02	0.17	XM_139909.2	
Alg9	254	1.02	0.12		
LOC228730	2251	1.02	0.07	XM_130476.4	
BC062185	734	1.02	0.07	NM_199147.1	
Ap1g2	98	1.02	0.14	NM_007455.1	
9130202B12Rik	956	1.02	0.15	AK033615	
Rsn	1562	1.02	0.12	NM_019765.2	
Fto	993	1.02	0.09	AK046935	
2610019A05Rik	66	1.02	0.38	NM_028126.1	
D15Ert366e	252	1.02	0.03	NM_023063.1	
2610033C09Rik	2051	1.02	0.20	NM_026407.2	
Azi2	264	1.02	0.06	AK013480	
gamma glutamyl tr	33	1.02	0.28		
Osbp12	2787	1.02	0.14	NM_144500.1	
9530068E07Rik	2053	1.02	0.04	XM_203329.2	
Tcf20	36	1.02	0.32	NM_013836.2	
AI413414	104	1.02	0.30	XM_134249.4	
Dicer1	696	1.02	0.11	NM_148948.1	
Hps4	62	1.02	0.50	NM_138646.2	
C130091E20	636	1.02	0.11		
Rbm10	281	1.02	0.17	NM_145627	
A630014C11Rik	36	1.02	0.58	AK041481	
Thap1	195	1.02	0.08	NM_199042.1	
LOC381996	529	1.02	0.14	XM_358686.1	
LOC383825	77	1.02	0.29	XM_357279.1	
Bet1	91	1.02	0.34	NM_009748.2	
Chst12	92	1.02	0.30	NM_021528.2	
2610529H08Rik	627	1.02	0.04	AK016827	
Clip1	1328	1.02	0.07		
Bckdk	1108	1.02	0.16	NM_009739.2	
Slc23a2	439	1.02	0.21	NM_018824.2	
Aoc3	92	1.02	0.29	AK040729	
C920011N12Rik	996	1.02	0.18	AK050603	
6330509M05Rik	1394	1.02	0.05		
Wdr68	7669	1.02	0.11		
Sh2b3	356	1.02	0.04		
Klk7	45	1.02	0.13	NM_011872.2	
LOC381527	157	1.02	0.16	XM_355488.1	
Trim44	111	1.02	0.20	NM_020267.1	
Mkrn3	398	1.02	0.13	NM_011746.1	
1600012H06Rik	230	1.02	0.06	NM_026451.1	
E030026I10Rik	3239	1.02	0.25	NM_175553	
LOC381431	252	1.02	0.07	XM_355389.1	
Fbxo18	370	1.02	0.22	AK083118	
LOC384028	58	1.02	0.20	XM_357379.1	
Tjap1	245	1.02	0.42		
Numbl	45	1.02	0.14	NM_010950.1	
Smpd3	710	1.02	0.03	NM_021491.2	
1110054H05Rik	1141	1.02	0.04	XM_126489	
Olf1437	56	1.02	0.33		
Nup205	9265	1.02	0.03	XM_133073.4	
Hsf2	208	1.02	0.19	AK053976	

A230062G08Rik	862	1.02	0.28	NM_173765.1
2900002H16Rik	165	1.02	0.21	NM_021430.2
2610024A01Rik	52	1.02	0.45	XM_129450.3
D330001F17Rik	1805	1.02	0.23	XM_283282.2
Akr1c12	94	1.02	0.13	NM_013777
B830009D23Rik	661	1.02	0.08	NM_175285.2
LOC241322	75	1.02	0.43	XM_140950.1
Drctnnb1a	1891	1.02	0.19	NM_053090
MJ-8000-187_775	32	1.02	0.55	
Scfd1	390	1.02	0.27	XM_126906.2
Slc26a4	96	1.02	0.27	NM_011867.1
4933417O08Rik	92	1.02	0.08	XM_203553.3
LOC233637	2513	1.02	0.15	XM_133608.3
Ddx18	4615	1.02	0.16	NM_025860
Oas1d	31	1.02	0.17	NM_133893.1
Narg2	155	1.02	0.34	NM_145618.3
Sema5b	118	1.02	0.30	XM_147227.1
Kras2	1939	1.02	0.19	NM_021284
Scamp1	12674	1.02	0.20	XM_484305
9330177B18Rik	53	1.02	0.19	AK020384
4930513D10Rik	31	1.02	0.34	XM_142762
LOC224087	1276	1.02	0.20	XM_148700.4
AA536749	458	1.02	0.10	NM_201245.1
Extl1	87	1.02	0.13	NM_019578
AL022832	14613	1.02	0.04	NM_013916.1
Adar	413	1.02	0.03	NM_019655
scl0003828.1_8	309	1.02	0.18	
1810015C11Rik	715	1.02	0.11	
Gtf3c1	326	1.02	0.30	XM_133826.5
Sbno1	282	1.02	0.23	XM_355637
1810020C02Rik	191	1.02	0.10	AK007556
Cbx2	744	1.02	0.29	NM_007623.2
Coro2b	173	1.02	0.35	NM_175484.1
BC004022	561	1.02	0.25	XM_134557.1
Stx17	201	1.02	0.03	NM_026343
4833414E09Rik	159	1.02	0.42	NM_027845.1
1110007C02Rik	1862	1.02	0.19	NM_027923.1
1810057C19Rik	34	1.02	0.37	NM_026433.1
2610101N10Rik	3510	1.02	0.20	NM_026476.1
Exosc10	738	1.02	0.12	NM_016699.1
Bid3	156	1.02	0.41	NM_007545.1
E430027N06Rik	1234	1.02	0.04	AK088835
Gylt1b	1979	1.02	0.10	NM_172670.1
Mtap2	600	1.02	0.20	AK086484
Pdhb	627	1.02	0.14	AK084507
2010013H21Rik	44	1.02	0.38	XM_128948.2
C030026E19Rik	1512	1.02	0.04	
4931415C17Rik	121	1.02	0.06	AK088235
Wrd43	601	1.02	0.17	XM_484662
Cherp	947	1.02	0.02	NM_138585.2
D2Erttd391e	638	1.02	0.29	NM_145528.1
Zfp398	111	1.02	0.03	NM_027477
Fgd2	1226	1.02	0.19	NM_013710.1
Figl1	1159	1.02	0.18	NM_021891.2
Gm111	105	1.02	0.36	NM_207234.1
Mat2a	3749	1.02	0.10	NM_145569
Al429613	83	1.02	0.06	NM_134000.2
Scamp5	717	1.02	0.20	NM_020270.2
Rab6	838	1.02	0.11	BC019118
LOC234413	89	1.02	0.24	XM_134273.2
Pcdhb6	99	1.02	0.21	NM_053131
Lin54	2551	1.02	0.26	
Slc39a11	3383	1.02	0.03	NM_027216.2
Inpp5e	99	1.02	0.03	AK047245
Elf2c2	217	1.02	0.23	NM_153178.2
scl0002759.1_7	669	1.02	0.10	
Nfyc	1768	1.02	0.06	NM_008692.2
Brd4	835	1.02	0.04	NM_198094.1

D4Ertid432e	585	1.02	0.03	XM_112612.3	
Csnk2a1	184	1.02	0.21	NM_007788.2	
Crk7	48	1.02	0.33	NM_026952.1	
Kdelr2	1228	1.02	0.20	NM_025841.1	
Slc4a3	402	1.02	0.02	NM_009208.1	
Ctns	246	1.02	0.17	NM_031251.2	
Pde8a	710	1.02	0.18	NM_008803.1	
A330066M24Rik	140	1.02	0.52	XM_355247.1	
Tcf25	3135	1.02	0.08		
Ptprn	226	1.02	0.20	NM_008985.1	
Phf2	1192	1.02	0.31	NM_172992.2	
Ap2m1	3345	1.02	0.17	NM_009679.1	
B230205C01Rik	275	1.02	0.18	AK045461	
2410014A08Rik	449	1.01	0.08	NM_175403.2	
Ncoa5	2082	1.01	0.14	NM_144892.1	
Kbtbd9	59	1.01	0.21	XM_126847.4	
Map2k5	197	1.01	0.17	NM_011840.1	
Eif2s3x	2083	1.01	0.24	NM_012010	
Gpr1	39	1.01	0.15	NM_146250	
Yaf2	510	1.01	0.09	NM_024189.4	
Nr2f6	626	1.01	0.14	NM_010150.1	
LOC215090	372	1.01	0.11	XM_112294.2	
Rnf14	1495	1.01	0.05	NM_020012.1	
Fgl1	42	1.01	0.38	NM_145594	
A730017D01Rik	507	1.01	0.02		
Abi2	2891	1.01	0.16	NM_198127.1	
C630002B14Rik	163	1.01	0.10	NM_175331.2	
Adpgk	88	1.01	0.13	NM_028121.1	
Mdn1	441	1.01	0.23	NM_133874.1	
5730601F06Rik	262	1.01	0.04	XM_486197	
Zdhhc13	1547	1.01	0.15	NM_028031.1	
Rab12	598	1.01	0.09	NM_024448	
Stard5	997	1.01	0.06	NM_023377.4	
9630034F02Rik	75	1.01	0.19	AK079344	
BC024659	370	1.01	0.02	XM_488673	
AI837181	169	1.01	0.33	NM_134149.1	
LOC231663	104	1.01	0.36	XM_124621.2	
Ask-pending	34	1.01	0.40	AK083650	
A930101O15Rik	60	1.01	0.29	AK080758	
Nucb2	68	1.01	0.21	NM_016773.1	
Stxbp5	624	1.01	0.19	XM_125517	
BC016198	763	1.01	0.21	NM_203507.1	
Wnt5b	30	1.01	0.64	NM_009525.2	
Prmt6	334	1.01	0.15		
1110036D12Rik	58	1.01	0.28		
Hoxa2	55	1.01	0.09	NM_010451.1	
Tmem170	97	1.01	0.15		
BC016608	88	1.01	0.42	NM_146080.1	
Fip111	329	1.01	0.29	NM_024183.3	
Fbxo25	2396	1.01	0.06	NM_025785.1	
St7l	625	1.01	0.12	NM_153091.2	
A630097K09Rik	110	1.01	0.10	AK042505	
5830457O10Rik	364	1.01	0.06	NM_145412.2	
Psat1	6570	1.01	0.07	XM_129211.2	
2310047C04Rik	91	1.01	0.14	XM_358866	
Per2	245	1.01	0.07	NM_011066.1	
Brpf1	1161	1.01	0.18	NM_030178.1	
Chga	10297	1.01	0.12	NM_007693.1	
Akap7	166	1.01	0.06	NM_018747	
Pla2g2d	86	1.01	0.16	NM_011109.1	
Lztr1	2800	1.01	0.11	NM_025808.2	
Psm12	2773	1.01	0.04	NM_025894.1	
D6Ertid365e	845	1.01	0.05	NM_199143	
Mpp5	166	1.01	0.17	NM_019579.1	
Vrk2	151	1.01	0.02	NM_027260.1	
D830039C14Rik	54	1.01	0.45	AK052914	
Olf1500	45	1.01	0.52		
A730020E08Rik	76	1.01	0.24	XM_489138	

9430097H08Rik	525	1.01	0.17	NM_153600.2	
463141611Rik	52	1.01	0.50	AK014523	
Slc38a1	77	1.01	0.24	NM_134086.2	
1700108N18Rik	30	1.01	0.24	AK007145	
Cenph	97	1.01	0.13	AK011739	
LOC386263	35	1.01	0.26	XM_359146.1	
D830027H13Rik	88	1.01	0.15	AK085906	
2410024A21Rik	2299	1.01	0.24	NM_029654.3	
Slc39a9	387	1.01	0.06	XM_484158	
LOC382190	186	1.01	0.11	XM_356296.1	
2310051D06Rik	95	1.01	0.04	NM_028009.1	
Tjp3	38	1.01	0.25	NM_013769.1	
Tex10	471	1.01	0.02	XM_485378	
Arhgef16	291	1.01	0.14	XM_149562.4	
5230400G24Rik	629	1.01	0.08	AK083056	
2810011L19Rik	53	1.01	0.13		
0610037M15Rik	89	1.01	0.14		
Ros1	41	1.01	0.55	NM_011282.1	
Zfp629	218	1.01	0.17	NM_177226.4	
A430033K04	64	1.01	0.18	NM_183025.1	
Golph4	257	1.01	0.11	NM_175193	
Jarid1c	73	1.01	0.26	NM_013668	
BC059842	220	1.01	0.20	NM_198170.2	
Plekhh1	1872	1.01	0.27	XM_126961.4	
LOC383125	6786	1.01	0.13	XM_356890.1	
Pygo1	61	1.01	0.16	XM_134865.1	
Gpr30	4540	1.01	0.08	XM_355659.1	
Ankhd1	515	1.01	0.11		
Fmr1	111	1.01	0.14	NM_008031.1	
Cdc42bpa	267	1.01	0.25	XM_283677.2	
2810038K19Rik	232	1.01	0.21	NM_023684.1	
Adam23	131	1.01	0.16	NM_011780.1	
B230114J08Rik	1605	1.01	0.06	NM_030018.2	
Zfp294	230	1.01	0.29	XM_358881.1	
Narg1l	259	1.01	0.07		
LOC211832	44	1.01	0.41	XM_139641.2	
Mmp24	1221	1.01	0.07	NM_010808	
Wasl	5238	1.01	0.23	XM_133026.3	
Stau1	1124	1.01	0.19	NM_011490.1	
4930538D17Rik	493	1.01	0.44	NM_029186.1	
LOC242459	78	1.01	0.12	XM_143768.3	
Syt4	4930	1.01	0.10	NM_009308	
Al593442	69	1.01	0.15	NM_178906.2	
6330417K15Rik	765	1.01	0.11		
Nipsnap3b	311	1.01	0.20	NM_025623.1	
Vps18	1414	1.01	0.03	NM_172269.2	
1700001C19Rik	65	1.01	0.19	XM_128669.1	
Srp54	495	1.01	0.14	NM_011899.2	
1110048D14Rik	338	1.01	0.08	NM_183120.1	
C130052I12Rik	4157	1.01	0.10	NM_146047.1	
2310016G11Rik	62	1.01	0.37	XM_133426.3	
Gosr2	1157	1.01	0.04	NM_019650.2	
Tagap	440	1.01	0.15	NM_147155	
2210016F16Rik	120	1.01	0.16	XM_354755.1	
Ezh2	858	1.01	0.02	NM_007971.1	
1110028E10Rik	570	1.01	0.07	NM_152808.1	
Fuk	122	1.01	0.09	NM_172283.2	
Klk1b27	2401	1.01	0.29		
D130054A02Rik	38	1.01	0.39	AK051511	
OTTMUSG000000	41	1.01	0.24		
Rgs11	367	1.01	0.07	XM_128488.3	
9830163H01Rik	39	1.01	0.65		
Rcor3	207	1.01	0.43	NM_144814.1	
D14Ert500e	98	1.01	0.47	NM_145462.1	
4930429A08Rik	156	1.01	0.08	AK015229	
LOC219029	156	1.01	0.35	XM_127694.5	
LOC215999	267	1.01	0.20	XM_125687.3	
4932442K08Rik	215	1.01	0.19	NM_024203.1	

scl0002223.1_98	49	1.01	0.12		
Eif3s8	2754	1.01	0.23	NM_146200	
LOC383951	71	1.01	0.24	XM_357344.1	
Dgcr2	1882	1.01	0.04	NM_010048	
Padi1	1361	1.01	0.40	NM_011059.1	
Cacna2d1	4622	1.01	0.05	AK084101	
Rph3al	30	1.01	0.88	NM_029548.1	
Parn	476	1.01	0.06	AK041044	
Rtn3	3627	1.01	0.06	NM_001003930	
Sall2	189	1.01	0.33	NM_015772.1	
LOC381546	60	1.01	0.42	XM_355512.1	
Iqce	690	1.01	0.10	NM_028833	
Six4	64	1.01	0.30	NM_011382.1	
9330158N06Rik	284	1.01	0.21	AK034130	
4930488P06Rik	2071	1.01	0.16	NM_178761.2	
Nek3	384	1.01	0.10	NM_011848.1	
Tle1	435	1.01	0.17	NM_011599.2	
Becn1	1283	1.01	0.03	NM_019584.2	
Prkx	1121	1.01	0.16	NM_016979.1	
9330140G23	54	1.01	0.12	NM_177647.2	
Skz1-pending	103	1.01	0.04	AK050028	
C76566	87	1.01	0.09	NM_178879.2	
Dnase111	74	1.01	0.20	NM_027109.1	
Fin14	742	1.01	0.13		
2310009E07Rik	202	1.01	0.35	NM_027115.1	
5930412E23Rik	1283	1.01	0.09	NM_178632	
Dpp8	1143	1.01	0.06	NM_028906.2	
Tob1	1951	1.01	0.07	NM_009427.1	
Inpp5f	372	1.01	0.23	BC067200	
1810024B03Rik	32	1.01	0.22	NM_198630.1	
B230333C21Rik	1083	1.01	0.22	XM_111900	
Pip5kl1	34	1.01	0.22	NM_198191.1	
Sf1	619	1.01	0.25		
A630026F21Rik	128	1.01	0.45	NM_199025	
Gnat1	96	1.01	0.22	NM_008140.2	
6430587E11Rik	85	1.01	0.16	AK032541	
4930447C04Rik	48	1.01	0.77	NM_029444.1	
B4galt6	174	1.01	0.07	NM_019737.1	
DXImx39e	77	1.01	0.17	XM_125370.1	
Aqr	273	1.01	0.26	AK020468	
LOC270491	1034	1.01	0.40	XM_194577.3	
Flii	326	1.01	0.23		
Cxcl13	55	1.01	0.71	NM_018866.1	
BC013491	235	1.01	0.08	XM_133435.2	
LOC382853	40	1.01	0.22	XM_356711.1	
Rnf167	578	1.01	0.17		
Ubx3	349	1.01	0.22	NM_178671.2	
Map2k4	1009	1.01	0.04	NM_009157	
Aifm1	290	1.01	0.05		
Upf3b	31	1.01	0.07	XM_110787.2	
Ccdc93	51	1.01	0.38		
Cdc16	2510	1.01	0.14	NM_027276.1	
Zfp264	35	1.01	0.33	XM_486050	
Elf2	151	1.01	0.18	NM_023502.1	
LOC383249	2046	1.01	0.20	XM_356944.1	
Rsf1	270	1.01	0.25		
Phf2	491	1.01	0.38	NM_011078.2	
A830094I09Rik	198	1.01	0.11	NM_177225.2	
Dnali1	44	1.01	0.31	NM_175223.2	
F630107D10Rik	40	1.01	0.35	AK089256	
AW061290	44	1.01	0.45	NM_201361.1	
0610040B21Rik	2556	1.01	0.17	NM_025334.2	
Zfp93	107	1.01	0.07	NM_009567.2	
Rnf148	68	1.01	0.41		
A330042I21Rik	36	1.01	0.52		
Myo1c	108	1.01	0.02	NM_008659.2	
Grem2	32	1.01	0.43	NM_011825.1	
Rgl3	78	1.01	0.18	NM_023622.2	

Ss18	997	1.01	0.08	AK039430	
Gsk3b	1595	1.01	0.16	NM_019827.2	
Sdh1	68	1.01	0.34	NM_146126.1	
BC059177	218	1.01	0.23	NM_198248	
5830472H07Rik	35	1.01	0.44	NM_175233.2	
Arhgap4	35	1.01	0.57	NM_138630.1	
Neu2	123	1.01	0.09	NM_015750.1	
Hmox1	85	1.01	0.73	NM_010442.1	
AL022779	694	1.01	0.12	XM_127436.3	
D11Ert603e	974	1.01	0.07	NM_026023.3	
scl00001.1_0_RE\	394	1.01	0.15		
Hnrpu1	69	1.01	0.23	NM_178089.2	
Rin1	55	1.01	0.10	NM_145495.1	
BC039161	894	1.01	0.33	XM_127719.4	
Ccndbp1	855	1.01	0.08	NM_010761.1	
Zfp92	54	1.01	0.34	NM_009566.1	
Fpgt	374	1.01	0.18	XM_131241.3	
2210013K02Rik	112	1.01	0.15	NM_023712	
Zdhhc6	850	1.01	0.09	NM_025883.2	
Smarce1	1719	1.01	0.13	NM_020618.3	
B930063N02Rik	39	1.01	0.31	AK047447	
D330037A14Rik	157	1.01	0.10	NM_153537.3	
Adrb2	190	1.01	0.14	NM_007420.2	
1810013L24Rik	2256	1.01	0.09	XM_148044.3	
2310036I02Rik	492	1.01	0.06	AK009650	
LOC383295	1385	1.01	0.01	XM_356970.1	
Arfgef1	4974	1.01	0.16	XM_129376.3	
LOC385021	37	1.01	0.21	XM_357997.1	
A930015D01Rik	32	1.01	0.16	AK044478	
2700031B12Rik	6329	1.01	0.04	AK012306	
E130302P19Rik	118	1.01	0.11	AK087474	
LOC381640	205	1.00	0.26	XM_355602.1	
Ndel1	2672	1.00	0.12	NM_023668.1	
Eya3	208	1.00	0.10	NM_010166.2	
Creg2	47	1.00	0.43	NM_170597.2	
Pgcp	889	1.00	0.10	NM_176073.2	
Tbp	446	1.00	0.03	NM_013684	
Ap2a2	1010	1.00	0.08	NM_007459.2	
D1Bwg0491e	2273	1.00	0.24	NM_018872.1	
B930006L02Rik	236	1.00	0.19	NM_178764.2	
Doc2b	79	1.00	0.04	NM_007873.2	
Fbxo30	121	1.00	0.21	XM_125493.4	
Ppp1r2	1987	1.00	0.04	NM_025800.1	
Ctnn	159	1.00	0.17	NM_007803.1	
Amigo	143	1.00	0.04	NM_146137.1	
Ppp1r12c	86	1.00	0.09	NM_029834.1	
C730026J16	1940	1.00	0.18		
3110068G20Rik	897	1.00	0.12		
2310004L02Rik	548	1.00	0.30	NM_025504.2	
2410004H02Rik	109	1.00	0.14	NM_145954.1	
Rbm16	207	1.00	0.25	NM_134123.2	
Nope	1270	1.00	0.07	NM_020043.1	
Bfar	1320	1.00	0.03	XM_148088.1	
Kif3a	1349	1.00	0.07	NM_008443.2	
A930021H16Rik	113	1.00	0.11	NM_174850.2	
D930015E06Rik	839	1.00	0.11	NM_172681.2	
LOC245000	728	1.00	0.13	XM_147046.2	
Paf1	349	1.00	0.19		
2610001J05Rik	104	1.00	0.06	NM_183258.1	
4933407H13Rik	591	1.00	0.03	AK030163	
1810031K02Rik	2660	1.00	0.09	NM_133716.2	
Ddi2	136	1.00	0.10		
D6Bwg1452e	63	1.00	0.34	XM_143984	
Gnaz	669	1.00	0.18		
Qdpr	1742	1.00	0.23	NM_024236.1	
B130040C13Rik	43	1.00	0.28	AK045144	
4833420G11Rik	1748	1.00	0.02		
Ubx1	413	1.00	0.15	NM_024432.2	

Pldn	958	1.00	0.12	NM_019788.2	
E2f3	119	1.00	0.23	XM_127250	
1810048J11Rik	125	1.00	0.04	NM_026327	
Naglu	184	1.00	0.31	AK044668	
Soat1	155	1.00	0.24	NM_009230	
C130039O16Rik	43	1.00	0.32	XM_138091.3	
Sh2bpsm1	544	1.00	0.31	NM_011363.1	
Lig3	476	1.00	0.16	AK010719	
Rnf12	409	1.00	0.36	NM_011276.2	
C230074H09Rik	105	1.00	0.25	AK048840	
Trpc2	170	1.00	0.24	NM_011644.1	
1200009B18Rik	1187	1.00	0.10	NM_026168.1	
3930401K13Rik	108	1.00	0.25	NM_028720.1	
1700052N19Rik	402	1.00	0.10	NM_024261.1	
Pml	162	1.00	0.10	NM_008884.2	
Slc7a3	2244	1.00	0.04	NM_007515.1	
D930024H10Rik	46	1.00	0.26	AK086373	
4732493F09Rik	1644	1.00	0.12	NM_178690.2	
2810449K13Rik	37	1.00	0.12	AK013314	
Dtnb	116	1.00	0.16	AK085675	
1110018J18Rik	139	1.00	0.15	NM_025370.1	
D130047L08Rik	78	1.00	0.17	AK051418	
Armc4	35	1.00	0.12	XM_148860.2	
Eno3	122	1.00	0.17	NM_007933.2	
E330031D07Rik	50	1.00	0.05	AK054484	
Bat3	1928	1.00	0.07	NM_057171	
Slc35a1	1687	1.00	0.05	NM_011895.2	
2810474O19Rik	149	1.00	0.08	XM_132966.3	
Actn1	1604	1.00	0.39		
Mtbp	475	1.00	0.22	NM_134092.2	
Pias3	150	1.00	0.11	NM_146135.1	
Pxt1	97	1.00	0.18	NM_153390.1	
Cerk	2551	1.00	0.14	NM_145475	
Irak4	51	1.00	0.31	NM_029926.3	
Trmt1	108	1.00	0.21	NM_028063.1	
LOC386260	44	1.00	0.37	XM_359144.1	
Osbp	160	1.00	0.12	XM_148904	
Zc3hav1	60	1.00	0.65	NM_028864.1	
Amfr	2236	1.00	0.26	NM_011787.1	
Slc1a5	183	1.00	0.07	NM_009201.1	
4933425L03Rik	428	1.00	0.05	XM_484121	
1110008L16Rik	867	1.00	0.11	XM_126928.4	
Sf4	2953	1.00	0.13	NM_027481.1	
9430088P09Rik	156	1.00	0.38	AK035109	
AW060766	987	1.00	0.11	NM_198033.1	
9330177P18Rik	51	1.00	0.16	AK034324	
Nesg1	116	1.00	0.22	XM_355284.1	
4933402K11Rik	42	1.00	0.38	AK030155	
Slc39a6	6319	1.00	0.11	NM_139143.1	
Vps45	637	1.00	0.08	NM_013841.1	
Clk2	526	1.00	0.21	NM_007712.1	
BC019731	1918	1.00	0.09	NM_144914.2	
Lrrn2	77	1.00	0.45	XM_136224.2	
C030004A17Rik	88	1.00	0.10	NM_194257.1	
1110037P11Rik	72	1.00	0.26	XM_131077.2	
Trim39	1155	1.00	0.08	NM_024468.1	
Hist1h4d	36	1.00	0.61	NM_175654.1	
LOC380744	34	1.00	0.17	XM_354658.1	
Fdps	4329	1.00	0.29	NM_134469.2	
BC057079	1546	1.00	0.17	XM_283973.2	
Rpo1-2	228	1.00	0.06	AK052672	
Ywhae	385	1.00	0.06	NM_009536.2	
scl0002000.1_2	35	1.00	0.54		
Zfp496	2375	1.00	0.08	NM_172941	
Clcn7	468	1.00	0.04	NM_011930.2	
Stac	66	1.00	0.08	NM_016853.1	
Klk5	995	1.00	0.40	NM_008456.1	
Smad9	53	1.00	0.27	NM_019483	

Accn2	327	1.00	0.58	NM_009597.1	
Cdc42se1	206	1.00	0.33		
Rbm5	2597	1.00	0.17	NM_148930.2	
LOC381132	794	1.00	0.14	XM_355049.1	
Rutbc1	105	1.00	0.35	NM_197943.1	
A430038O04Rik	35	1.00	0.32	AK039979	
2310026J01Rik	44	1.00	0.14	NM_177845	
LOC232787	131	1.00	0.02	XM_133120.4	
Oact1	100	1.00	0.21	NM_153546.1	
Bbs1	114	1.00	0.19	XM_355129.1	
Pigh	232	1.00	0.15	NM_029988.1	
Sin3b	889	1.00	0.13	NM_009188.1	
AI467606	1571	1.00	0.21	NM_178901.2	
MGC106740	1302	1.00	0.03		
Hsd3b2	211	1.00	0.07	NM_153193.2	
A930008A22Rik	462	1.00	0.16	NM_172768	
2210009G21Rik	96	1.00	0.06	NM_028834.1	
Trio	4015	1.00	0.10		
4732495E13Rik	4482	1.00	0.17	XM_128300.4	
LOC386082	309	1.00	0.14	XM_359061.1	
Klf2	277	1.00	0.37	NM_008452.1	
Ihpk1	1311	1.00	0.08	NM_013785.2	
Kntc1	1486	1.00	0.19	XM_132322.4	
Lmx1a	219	1.00	0.12	NM_033652.2	
Frg1	44	1.00	0.43	NM_013522.1	
Mttrr4	131	1.00	0.17	NM_133215.1	
1110060I01Rik	75	1.00	0.37		
LOC386218	1227	1.00	0.21	XM_359123.1	
2610528C06Rik	453	1.00	0.12	AK012163	
Gstm1	142	1.00	0.16	NM_010358.2	
Dcun1d2	429	1.00	0.20		
Fbxl2	159	1.00	0.05	NM_178624	
Dnajc11	43	1.00	0.20	NM_172704	
AI429612	921	1.00	0.16	XM_128606.4	
Fbxl10	405	1.00	0.03		
Trp53inp1	3092	1.00	0.10	NM_021897.1	
Klk6	3699	1.00	0.21	NM_010639.5	
Nxf1	430	1.00	0.12	NM_016813.2	
Zfp385	42	1.00	0.23	NM_013866.1	
Plekha3	705	1.00	0.16	NM_031256.2	
Sppl3	2565	1.00	0.19	NM_029012.1	
4931408A02Rik	60	1.00	0.16	AK016443	
A930013G23Rik	85	1.00	0.23	AK044444	
Vac14	190	1.00	0.03		
Nudcd3	93	1.00	0.27		
Slc2a1	5536	1.00	0.23	NM_011400.1	
Eftud2	1786	1.00	0.08		
BC002199	3849	1.00	0.05	NM_145964.1	
AF322649	325	1.00	0.05	NM_153134.2	
Bms1l	225	1.00	0.27	NM_194339.1	
Acox1	182	1.00	0.27	NM_028765.1	
Atg5	1688	1.00	0.15		
C130023K05Rik	9462	1.00	0.13	AK047958	
Hmg20a	100	1.00	0.08	AK051678	
Rabgef1	3322	1.00	0.31	NM_019983.2	
B130047N10Rik	39	1.00	0.42	AK045211	
Xpo5	299	1.00	0.28	NM_028198.1	
scl000338.1_51	526	1.00	0.37		
C730049P21	72	1.00	0.36	NM_177800.2	
Il13ra1	440	1.00	0.27	NM_133990.3	
Cacnb1	41	1.00	0.22	NM_145121.1	
2610312E17Rik	94	1.00	0.21	AK012014	
Rufy1	466	1.00	0.10	NM_172557.1	
Kptn	238	1.00	0.43	NM_133727.1	
Fcgrt	32	1.00	0.17	NM_010189	
A430107D22Rik	200	1.00	0.27	NM_178785.2	
Isca1	1836	1.00	0.07		
Ebag9	123	1.00	0.14	NM_019480.3	



Rbpjl	48	1.00	0.21		
LOC211870	64	1.00	0.13	XM_137113.4	
5830415F09Rik	93	1.00	0.36	XM_131394.3	
Hars	41	1.00	0.11	AK077437	
1110029I05Rik	742	1.00	0.36		
D630004N19Rik	34	1.00	0.51	NM_207274.1	
Nsg2	49	1.00	0.40	AK049679	
2900005I04Rik	39	1.00	0.42	XM_358388.1	
Cept1	586	1.00	0.12	NM_133869.2	
Hip1r	286	1.00	0.13	NM_145070.2	
4930418P06Rik	2410	1.00	0.10	NM_029777.2	
D12Erd771e	741	1.00	0.17	NM_028262.1	
D630043K02Rik	40	1.00	0.23	AK085580	
2810453H10Rik	71	1.00	0.27	AK013337	
Dnajc10	1856	1.00	0.27	NM_024181.1	
5430411K18Rik	452	1.00	0.10	XM_140491.4	
Fgfr1op2	1028	1.00	0.25	NM_026218.1	
Map2k1	306	1.00	0.24	NM_008927.1	
AY078069	85	1.00	0.16	NM_172142.1	
LOC239727	2410	1.00	0.20	XM_156408.2	
Crkl	2239	1.00	0.14	NM_007764	
Orm1	33	1.00	0.62	NM_008768.1	
Rbbp5	391	1.00	0.11	NM_172517	
Lace1	369	1.00	0.09	NM_145743.1	
4930422G04Rik	173	1.00	0.24	NM_197997.1	
1110014K05Rik	40	1.00	0.20	NM_028622.1	
Sgcb	1395	1.00	0.11	NM_011890.2	
Irf7	39	1.00	0.24	NM_016850.1	
D130084E01Rik	45	1.00	0.11	AK084078	
Znrf1	115	1.00	0.15	NM_133206.1	
A930010I20Rik	40	1.00	0.29	NM_177857	
Ncam1	61	1.00	0.16	NM_010875	
B130020A07Rik	216	1.00	0.18	AK045021	
Chd1	329	1.00	0.21	AK021188	
Prdm10	82	1.00	0.15		
2410127E18Rik	10658	1.00	0.16	XM_133019	
Bckdha	1251	1.00	0.18	NM_007533.2	
B930095G10Rik	61	1.00	0.06	AK047586	
Rps6ka2	255	1.00	0.19	AK050996	
Nrp	651	1.00	0.03	NM_008737.1	
LOC236533	56	1.00	0.21	XM_143031.3	
Pparbp	237	1.00	0.30	NM_013634.1	
AW107703	1508	1.00	0.03	NM_198307.1	
Nxf7	643	1.00	0.53	NM_130888.1	
D630036H09Rik	675	1.00	0.03	AK085516	
Tmem183a	966	1.00	0.10		
LOC380769	52	1.00	0.26	XM_354682.1	
Trpv2	418	1.00	0.14	NM_011706.1	
limk2b	59	1.00	0.25	AB005132	
Sec23ip	202	1.00	0.41	XM_133737.4	
Tlk2	1779	1.00	0.05	NM_011903	
Ankrd54	648	1.00	0.09		
Tmem24	967	1.00	0.18	XM_134795.3	
Nisch	4790	1.00	0.05	AK004628	
Bcap29	2044	1.00	0.11	NM_007530.2	
Morc3	3449	1.00	0.26		
Mvk	88	0.99	0.03	NM_023556.2	
Fhl2	36	0.99	0.25	NM_010212	
Tob2	184	0.99	0.32	NM_020507	
Lrdd	197	0.99	0.11	NM_022654.1	
Frag1	277	0.99	0.11	NM_145583.1	
Apg7l	66	0.99	0.34	NM_028835.1	
6330414G02Rik	3440	0.99	0.25		
Trpm7	31	0.99	0.31	NM_021450.1	
Cdca7	5719	0.99	0.13	NM_025866.1	
Zfp449	130	0.99	0.04	NM_030139.1	
Slc41a2	944	0.99	0.14	NM_177388.2	
Ubd	45	0.99	0.12	NM_023137.2	

Limk2	235	0.99	0.16	NM_010718.1	
Sdcbp	2172	0.99	0.13	NM_016807	
Spef1	96	0.99	0.11		
Kif3c	1249	0.99	0.18	NM_008445.1	
Ipo9	3697	0.99	0.19	XM_129442.3	
2510049I19Rik	47	0.99	0.25	NM_026455.2	
Suv420h2	2269	0.99	0.13	NM_146177.1	
Ankrd23	96	0.99	0.22	NM_153502.2	
Bbx	1033	0.99	0.19	BC066821	
A630052C17Rik	231	0.99	0.20	NM_177255.2	
Tubd1	177	0.99	0.05	NM_019756	
Crif3	671	0.99	0.13	NM_018776.1	
2510001I10Rik	431	0.99	0.10	NM_178398	
Nol9	152	0.99	0.28		
Wins2	310	0.99	0.13	NM_152815.1	
Prosapip1	377	0.99	0.32	NM_197945.2	
Pabpc1	3361	0.99	0.14	NM_008774.2	
Sel1l	540	0.99	0.17		
LOC383303	34	0.99	0.24	XM_356974.1	
Cog4	191	0.99	0.24	NM_133973.1	
6430404H03Rik	58	0.99	0.40	AK078182	
Olfir748	92	0.99	0.14		
5930404L04Rik	37	0.99	0.20	AK020027	
Gsta4	53	0.99	0.20	NM_010357.1	
Crsp7	1240	0.99	0.12	NM_027485.1	
LOC433801	52	0.99	0.46		
Arf2	2576	0.99	0.19	NM_007477.2	
Ube2d2	8465	0.99	0.15	NM_019912.1	
Adcy6	49	0.99	0.08	NM_007405.1	
Foxj2	392	0.99	0.18	NM_021899.2	
Ppp4r1	2139	0.99	0.06	NM_146081.1	
Mll5	1130	0.99	0.17	XM_485570	
Phactr4	3085	0.99	0.11	NM_175306.2	
F730014I05Rik	286	0.99	0.17	NM_146129.2	
Sez6	49	0.99	0.16	AK032277	
AW212394	3395	0.99	0.16	NM_133829	
Eif1a	5558	0.99	0.15	NM_010120.3	
LOC217246	150	0.99	0.20	XM_110936.3	
4930577N17Rik	36	0.99	0.59		
3632431M01Rik	270	0.99	0.24	XM_132843	
0610005I04	31	0.99	0.14	NM_177579.2	
Ccnc	847	0.99	0.06	AK009615	
LOC383907	67	0.99	0.13	XM_357317.1	
Foxk1	73	0.99	0.32	NM_199068.1	
Chordc1	2833	0.99	0.22	NM_025844.1	
LOC383483	517	0.99	0.10	XM_357088.1	
C030003J12Rik	44	0.99	0.11	XM_131233.5	
2700033K02Rik	49	0.99	0.28	NM_183261.1	
Lbcl1	715	0.99	0.15	AK035683	
Cd164	19917	0.99	0.27	NM_016898.1	
2210013I18Rik	83	0.99	0.40	XM_150116.1	
2900036G02Rik	414	0.99	0.10	XM_358311.1	
Cdc42bpb	2407	0.99	0.18	NM_183016.1	
Hyal3	33	0.99	0.24	NM_178020.2	
E130308C19Rik	229	0.99	0.05	XM_139378.3	
B230209E15Rik	5307	0.99	0.38	XM_489182	
9430090I01Rik	99	0.99	0.46	AK079154	
D8Erttd354e	1277	0.99	0.24	NM_133970	
Wdr70	109	0.99	0.44		
2310037I24Rik	1893	0.99	0.08	NM_133714.2	
Actr5	348	0.99	0.23	NM_175419.3	
D8Erttd319e	291	0.99	0.08	NM_026792.2	
Ylpm1	584	0.99	0.23	NM_178363.2	
Stk35	96	0.99	0.19	NM_183262.1	
1700019G17Rik	89	0.99	0.10	NM_029331.2	
Usp54	531	0.99	0.17	NM_030180.1	
LOC329394	32	0.99	0.08	XM_283726.2	
AI597468	1174	0.99	0.10		

BC003498	119	0.99	0.28	NM_030263.2	
Ncaph	2847	0.99	0.07		
Nvl	401	0.99	0.13	NM_026171.1	
Mapk1ip1	828	0.99	0.29		
LOC382814	63	0.99	0.27	XM_358731.1	
Tmem2	524	0.99	0.18	NM_031997.2	
Smad5	189	0.99	0.19	NM_008541.2	
Tnfaip3	119	0.99	0.22	NM_009397.2	
Trak1	493	0.99	0.13		
Tmem8	420	0.99	0.02	NM_021793.1	
Olfrl1390	39	0.99	0.28		
Rtn4r	33	0.99	0.32	NM_022982.1	
Tarbp2	302	0.99	0.36	NM_009319.1	
4933427L07Rik	2862	0.99	0.08	NM_027727.1	
Mcm3	3499	0.99	0.17	NM_008563.1	
Orc2l	116	0.99	0.12	NM_008765.2	
D10Ert610e	498	0.99	0.13	NM_028027.1	
B430315C20Rik	301	0.99	0.27	NM_178795.3	
4732488M06Rik	53	0.99	0.24	AK029073	
A830007P12Rik	55	0.99	0.34	NM_146115.2	
Mst1	33	0.99	0.52	NM_008243.2	
1810038L18Rik	3355	0.99	0.20	XM_483957	
Slc12a7	67	0.99	0.22	AK052910	
Dnaic1	135	0.99	0.19	NM_175138.2	
Arih2	851	0.99	0.28	NM_011790.2	
Mbp	1191	0.99	0.04	NM_010777.1	
BC027061	865	0.99	0.18	NM_183165	
Anks6	347	0.99	0.32		
C030048B08Rik	849	0.99	0.09	NM_172991.2	
Dclre1b	352	0.99	0.15	NM_133865	
LOC386117	90	0.99	0.06	XM_359075.1	
Ankrd7	45	0.99	0.30		
1300013D05Rik	80	0.99	0.28	NM_026186	
Pawr	554	0.99	0.05	XM_125814.2	
Gramd2	37	0.99	0.21		
Rrm1	1381	0.99	0.20	AK049601	
5330408N05Rik	203	0.99	0.16	AK030411	
Dnajc12	972	0.99	0.24	NM_013888.1	
5530401J07Rik	1507	0.99	0.36		
2010005J08Rik	149	0.99	0.12	NM_178623.2	
Hbs1l	1975	0.99	0.08	NM_019702	
scl0001946.1_187	75	0.99	0.04		
Snag1	1345	0.99	0.21	NM_130796.1	
D430002C13Rik	206	0.99	0.12	AK052398	
Hp1bp3	11442	0.99	0.14	NM_010470.1	
Ent2	37	0.99	0.28	AF183397	
Stk17b	1326	0.99	0.24	NM_133810.2	
Sypl	1829	0.99	0.04	NM_013635.2	
Rnf10	2603	0.99	0.29	NM_016698	
9930116P15Rik	2305	0.99	0.27	XM_127961.3	
Igsf8	94	0.99	0.13	NM_080419.1	
2700050L05Rik	167	0.99	0.07	NM_178115.2	
C330008I15Rik	111	0.99	0.20	NM_144917.2	
2700094F01Rik	663	0.99	0.09	NM_178625.3	
Parp8	137	0.99	0.31	NM_027272.3	
Hes6	2624	0.99	0.20	NM_019479.2	
Cpm	622	0.99	0.18	XM_125830.3	
Hn1l	1242	0.99	0.09		
Copa	3617	0.99	0.13	NM_009938.2	
Klf7	4348	0.99	0.13	NM_033563	
4631423B10Rik	121	0.99	0.26	NM_175422.2	
Trub2	5366	0.99	0.06		
Zfp422-rs1	113	0.99	0.26	NM_029952.2	
Ager	40	0.99	0.53	NM_007425.1	
A430083B19Rik	32	0.99	0.16	NM_177624.2	
Sp8	222	0.99	0.13	NM_177082.3	
Pnpla1	70	0.99	0.29		
Atf7ip	572	0.99	0.13	NM_175182.2	

Rnh2	67	0.99	0.34	NM_031389.1	
Top3b	491	0.99	0.04	NM_011624.2	
Oc90	82	0.99	0.09	NM_010953.1	
Pard3b	31	0.99	0.30		
Tmem30b	180	0.99	0.45	NM_178715.2	
Stab2	179	0.99	0.24	NM_138673.1	
AI842396	71	0.99	0.09	XM_147543.4	
4930506M07Rik	98	0.99	0.30	BC030338	
Pet112l	420	0.99	0.04	NM_144896.2	
Slc9a8	227	0.99	0.12	NM_148929.2	
1700054N08Rik	312	0.99	0.04	XM_134542.2	
Stat1	340	0.99	0.11	NM_009283.2	
Dhx33	660	0.99	0.18	NM_178367.3	
Zfp238	1250	0.99	0.12	NM_013915.1	
Kcmf1	648	0.99	0.30	NM_019715.1	
LOC545007	1735	0.99	0.17		
D030049N18Rik	153	0.99	0.09	AK050983	
4121402D02Rik	503	0.99	0.21	NM_028722.1	
1810013C15Rik	199	0.99	0.14		
LOC384359	41	0.99	0.38	XM_357597.1	
A230078H02Rik	78	0.99	0.22	AK038954	
Panx3	136	0.99	0.13	NM_172454.1	
Sqrdl	340	0.99	0.11	NM_021507.4	
BC017643	833	0.99	0.05	NM_144832.1	
Rfx2	819	0.99	0.02	NM_009056.1	
Cdc42	269	0.99	0.06	NM_009861	
9630011N22Rik	40	0.99	0.12	NM_177252.2	
Apoc2	45	0.99	0.14	NM_009695.2	
Mib1	353	0.99	0.24	NM_144860.2	
1500041J02Rik	92	0.99	0.08	NM_026424	
Lrrc20	298	0.99	0.12	NM_153542.1	
Ganab	1341	0.99	0.08	NM_008060.1	
Hdac7a	142	0.99	0.12	NM_019572.2	
C330001K17Rik	68	0.99	0.20	AK021166	
Sos1	75	0.99	0.26	NM_009231.1	
Krtap5-1	77	0.99	0.24	NM_015808	
9030605E16Rik	50	0.99	0.40	NM_029417.1	
LOC226864	78	0.99	0.08	XM_136530.2	
Rims3	1673	0.99	0.27	NM_182929	
Sec15l2	964	0.99	0.12	XM_355790.1	
D330037H01Rik	34	0.99	0.40	AK052357	
LOC380679	43	0.99	0.61	XM_354589.1	
Rnf134	1641	0.99	0.09	NM_027654.1	
1810043J12Rik	1373	0.99	0.06	NM_028067.1	
Npn1	34	0.99	0.04	NM_021276	
Clp1	862	0.99	0.09	NM_138753.1	
Havcr1	46	0.99	0.36	NM_134248.1	
Gnpat	523	0.99	0.11	NM_010322.2	
Tuba7	282	0.99	0.29	NM_009449.2	
Stk4	1280	0.99	0.11	NM_021420.2	
Ttyh3	426	0.99	0.12	NM_175274.2	
ORF28	346	0.99	0.13	NM_138664	
Gnpda1	346	0.99	0.19	NM_011937	
LOC384008	73	0.99	0.27	XM_131339.3	
AA673488	709	0.99	0.10	XM_133935.5	
scl0002116.1_6	112	0.99	0.13		
Lzts2	1049	0.99	0.29	NM_145503.1	
4732466D17Rik	34	0.99	0.41	XM_129420.4	
Ppard	629	0.99	0.24	NM_011145.1	
9530095N04Rik	65	0.99	0.14	AK079300	
LOC384348	2495	0.99	0.23	XM_357593.1	
LOC242051	4269	0.99	0.13	XM_143255.3	
LOC225927	533	0.99	0.03	XM_129198.4	
1810033B17Rik	57	0.99	0.23	XM_110690.2	
Dlg3	323	0.99	0.20		
LOC224055	393	0.99	0.06	XM_155900.3	
Npr2	1059	0.99	0.07	NM_173788.2	
Zfp709	68	0.99	0.22		

Sephs2	1314	0.99	0.07	NM_009266.1	
Mecp2	945	0.99	0.07	NM_010788.1	
Pigl	121	0.99	0.20	NM_199026.1	
G6pc	59	0.99	0.21	NM_008061.2	
C030003D03Rik	56	0.99	0.33	XM_282904.2	
Set7	213	0.98	0.08	NM_080793	
Snx2	4433	0.98	0.17	NM_026386	
A630054L15Rik	490	0.98	0.22	NM_145969	
Gnpda2	438	0.98	0.12	NM_027681	
Pdcd11	146	0.98	0.12	NM_011053	
Gns	2596	0.98	0.17	NM_029364.1	
A230005G17Rik	36	0.98	0.12	AK038411	
Yod1	511	0.98	0.10		
LOC280487	25184	0.98	0.10	XM_203701.3	
2600005O03Rik	49	0.98	0.54	NM_183089.1	
Tex2	411	0.98	0.06	NM_198292.2	
Tnpo3	763	0.98	0.16	NM_177296	
Tiam1	3940	0.98	0.16	NM_009384.1	
D130064H19Rik	935	0.98	0.19	NM_172593.1	
Cmpk	1496	0.98	0.44		
D430022H17Rik	1309	0.98	0.19	AK084998	
Mboat5	1186	0.98	0.16		
4930445I03Rik	68	0.98	0.09	AK015391	
OTTMUSG000000	44	0.98	0.12		
Nfx1	181	0.98	0.13	NM_023739.2	
Dutp	636	0.98	0.35	NM_023595.3	
4931433E08Rik	1720	0.98	0.27	XM_484765	
Mtssk	42	0.98	0.55	AK086418	
Neurl	6903	0.98	0.22	AK046382	
Ghrh	99	0.98	0.03	NM_010285.1	
D330001F19Rik	105	0.98	0.26	AK052154	
LOC386123	126	0.98	0.30	XM_359079.1	
Bnip2	227	0.98	0.05	AK014659	
Serpinb6a	169	0.98	0.56	NM_009254	
C230096C10Rik	61	0.98	0.16	NM_146157.2	
Txndc9	163	0.98	0.31	NM_172054.2	
LOC386254	35	0.98	0.20	XM_359141.1	
Pscd1	175	0.98	0.17	AK078502	
Ppapdc1	536	0.98	0.05	XM_134059.2	
Artn	61	0.98	0.18	NM_009711.2	
LOC385659	330	0.98	0.18	XM_358862.1	
Mtmr9	223	0.98	0.16	NM_177594.1	
Oas1g	71	0.98	0.14	NM_011852	
C920008O22Rik	420	0.98	0.06	AK050594	
A530092L01Rik	246	0.98	0.14	AK041221	
Dncl1	452	0.98	0.10	NM_146229.1	
Pycr1	184	0.98	0.08	NM_144795.1	
Cops2	2467	0.98	0.24	NM_009939	
Sel1h	1612	0.98	0.15	NM_011344.1	
Olf786	50	0.98	0.21	NM_146549.1	
1110037P13Rik	56	0.98	0.81	AK075652	
mtDNA_ND4L	5028	0.98	0.34		
2810470K03Rik	2341	0.98	0.28		
Xbp1	6197	0.98	0.14	NM_013842.2	
Nedl1	31	0.98	0.29	XM_484217	
Usp47	975	0.98	0.18	NM_133758	
D630047N04Rik	38	0.98	0.26	AK085620	
Pou2f1	275	0.98	0.46	NM_011137	
scl000728.1_50	295	0.98	0.22		
LOC382391	48	0.98	0.46	XM_356482.1	
Dcamk1	70	0.98	0.45	NM_019978.1	
Casp7	209	0.98	0.18	NM_007611.1	
LOC385274	31	0.98	0.67	XM_358163.1	
Atp2c1	469	0.98	0.22	NM_175025.2	
Ywhab	7161	0.98	0.06	NM_018753.3	
1110013L07Rik	490	0.98	0.40	XM_130939.2	
Tpd52	4775	0.98	0.11	NM_009412	
Pim2	50	0.98	0.30	NM_138606.1	

Prc1	4178	0.98	0.21	NM_145150.1	
9430029P12Rik	170	0.98	0.26	AK034732	
9230102G06Rik	1001	0.98	0.07	AK078990	
R3hdm	242	0.98	0.21	NM_181750	
B130055N23Rik	56	0.98	0.19	XM_127501.4	
9930024G20Rik	69	0.98	0.31	AK036917	
Lrrc57	1107	0.98	0.12		
4732456P10Rik	82	0.98	0.31	AK028794	
2810403A07Rik	2977	0.98	0.07	NM_028814.1	
BC011248	80	0.98	0.33	NM_144857.1	
Skiv2l	902	0.98	0.14	NM_178062.2	
5033403D15Rik	2220	0.98	0.21		
Adam17	570	0.98	0.22	NM_009615.4	
2610528O22Rik	901	0.98	0.15	NM_153395.1	
Arpc5	7053	0.98	0.05	XM_123523.1	
Gle1l	239	0.98	0.14	XM_130106.3	
1810008K03Rik	11955	0.98	0.16	NM_026929.2	
Gemin4	332	0.98	0.14	NM_177367.2	
Man2a1	1450	0.98	0.19	NM_008549.1	
Eif4enif1	897	0.98	0.07	NM_023743.1	
Ppgb	170	0.98	0.12	NM_008906.2	
AU021838	2709	0.98	0.12		
Zfp131	1084	0.98	0.13	NM_028245.1	
D5Ert40e	54	0.98	0.33		
2610037P13Rik	401	0.98	0.08		
4933415A04Rik	32	0.98	0.30		
E030003N15Rik	684	0.98	0.28	XM_128129.4	
Gabpb1	191	0.98	0.09	NM_010249	
AA792894	1125	0.98	0.13	NM_145568.2	
Cab39l	183	0.98	0.18	NM_026908.2	
4931403I22Rik	146	0.98	0.20	AK081238	
4930477M19	286	0.98	0.11	NM_177729.2	
Attp	227	0.98	0.17	NM_016855	
Btbd1	2427	0.98	0.06	NM_146193	
A430110M15Rik	57	0.98	0.31		
4932417I16Rik	593	0.98	0.10	XM_134593.3	
5730568A12Rik	148	0.98	0.13	NM_025689.1	
Nxph1	1973	0.98	0.16	NM_008751.2	
Msr2	554	0.98	0.20		
9130416N05Rik	872	0.98	0.43	XM_129827.2	
4732435K05Rik	423	0.98	0.31	AK028687	
Ap3s2	297	0.98	0.09	NM_009682.2	
Man1a2	469	0.98	0.17		
1200014J11Rik	1638	0.98	0.17	NM_025818.1	
4930431L18Rik	560	0.98	0.19	XM_194424.2	
Kihl17	678	0.98	0.09	NM_198305.1	
Glg1	5693	0.98	0.10	NM_009149	
Adamts8	31	0.98	0.43	NM_013906.1	
Git2	198	0.98	0.13	NM_019834.2	
Zfp646	82	0.98	0.18		
Nanos1	1137	0.98	0.08	NM_178421.2	
Skil	1049	0.98	0.14	NM_011386	
1110019C08Rik	597	0.98	0.39	NM_171826	
5830468K18Rik	216	0.98	0.09	NM_172644	
BC057627	957	0.98	0.11	NM_198631	
4632412N22Rik	30	0.98	0.35	NM_177087.2	
Gprk5	133	0.98	0.36	NM_018869.2	
Rab5a	1883	0.98	0.13	NM_025887.2	
Olf1065	46	0.98	0.08	NM_146408.1	
G430055L02Rik	75	0.98	0.13	NM_145520	
Ppl	135	0.98	0.06	XM_148334.1	
Plekhc1	3721	0.98	0.08	NM_146054.1	
Kpna1	2672	0.98	0.21	NM_008465.2	
5930404A08Rik	46	0.98	0.22	AK031091	
Mthfd1	748	0.98	0.09	NM_138745	
C78339	1795	0.98	0.08	XM_127312.4	
Mobk1b	410	0.98	0.14	NM_145571.1	
Slc4a2	766	0.98	0.05	NM_009207.1	

Acad9	278	0.98	0.18	NM_172678.2	
4930429A22Rik	306	0.98	0.09	AK029652	
D230025D16Rik	181	0.98	0.21	NM_145604.1	
LOC381332	169	0.98	0.18	XM_355290.1	
Mep1b	35	0.98	0.14	NM_008586	
Idua	105	0.98	0.07	NM_008325.1	
Ccbl1	536	0.98	0.27	NM_172404.2	
BC053749	147	0.98	0.18	NM_183321.1	
Pstpip2	98	0.98	0.20	AK033996	
Ascc3l1	869	0.98	0.05	NM_177214.3	
C030018G13Rik	88	0.98	0.22	NM_175510.2	
LOC271490	1467	0.98	0.18	XM_195069.2	
Siah2	439	0.98	0.40	NM_009174.2	
2010209O12Rik	42	0.98	0.50	NM_133913.1	
Rgl2	920	0.98	0.24	NM_009059.2	
A830050C03Rik	31	0.98	0.20	AK043914	
Nup107	848	0.98	0.19	NM_134010.1	
Ube2b	3173	0.98	0.04	NM_009458.2	
Daam1	334	0.98	0.15	NM_172464.1	
Hmgb2l1	1109	0.98	0.12	NM_178017.1	
2610021K21Rik	144	0.98	0.03	XM_354690	
Chd2	390	0.98	0.13	XM_145698.4	
1190005F20Rik	1826	0.98	0.11	XM_355244	
Gga2	811	0.98	0.14	XM_133801.3	
Ufd1l	583	0.98	0.06	XM_147231.1	
Ott	885	0.98	0.11	NM_011022.1	
Bmp5	33	0.98	0.51	NM_007555.1	
Cox15	1052	0.98	0.13	NM_144874	
Atp2b1	472	0.98	0.05		
E130206E21Rik	235	0.98	0.08	AK053690	
Casp8	2657	0.98	0.09	NM_009812.1	
Fxr1h	318	0.98	0.20	NM_008053	
Afmid	117	0.98	0.25	NM_027827.2	
G430022H21Rik	108	0.98	0.17	NM_201638.1	
Txndc4	103	0.98	0.07	NM_029572.1	
AK129302	320	0.98	0.19		
Gldc	79	0.98	0.25	NM_138595.1	
Cdkl2	939	0.98	0.07	NM_016912.1	
mtDNA_ND5	8958	0.98	0.04		
Fnbp2	88	0.98	0.05	XM_129445	
Ptgrn	31	0.98	0.25	NM_011197	
Olfml2b	665	0.98	0.11	NM_177068.3	
Ppap2a	590	0.98	0.22	NM_008247.1	
2410118l19Rik	2150	0.98	0.14	XM_129726	
D830005N24Rik	60	0.98	0.01	AK085766	
2810439K08Rik	125	0.98	0.30	NM_028343.2	
Snx1	831	0.98	0.15	NM_019727.1	
Insig2	733	0.98	0.14	NM_133748.1	
Tpm4	4505	0.98	0.10	XM_134274.3	
BC034507	345	0.98	0.26	XM_131888	
4930467B06Rik	248	0.98	0.05	NM_029786.1	
2610200G18Rik	36	0.98	0.20	NM_025998.1	
Sfmbt1	387	0.98	0.21	NM_019460.1	
A730020L20Rik	31	0.98	0.64	AK042744	
Pard6b	76	0.98	0.03	XM_141543.1	
A230061B10Rik	77	0.98	0.11	AK038766	
1110056N09Rik	209	0.98	0.24	NM_133700.1	
C230079O04Rik	79	0.98	0.17	AK048900	
Usp7	1399	0.98	0.04	NM_001003918	
Ahcy	481	0.98	0.03	NM_016661.1	
LOC381928	53	0.98	0.15	XM_355949.1	
5430405G24Rik	2609	0.98	0.08	XM_152907.3	
D14Ert231e	101	0.98	0.27	NM_153414.2	
E130209G04Rik	222	0.98	0.19	XM_358323.1	
Zfp597	871	0.98	0.17		
A630049I22Rik	31	0.98	0.24	AK080309	
Herpud1	4528	0.98	0.07	NM_022331.1	
Grsf1	4841	0.98	0.12	NM_178700.2	

Nptn	4592	0.98	0.06		
Fgf22	210	0.98	0.23	NM_023304.1	
D030070L09Rik	583	0.98	0.09	NM_172625.1	
Tes3	448	0.98	0.08	NM_033623.1	
1700015L13Rik	45	0.98	0.36	AK006001	
Hoxd4	93	0.98	0.20	NM_010469.1	
Abcb10	142	0.98	0.10	NM_019552.1	
Arhgef3	412	0.98	0.17	NM_027871.1	
Zfp162	220	0.98	0.30	NM_011750	
Ddx20	347	0.98	0.06	NM_017397.2	
Myo5c	150	0.98	0.33	XM_198225.3	
Tmem77	221	0.98	0.12		
Tdg	395	0.98	0.09	NM_172552.1	
4930485D02Rik	381	0.98	0.24	NM_175225.2	
9530053J19Rik	535	0.98	0.06		
Fiz1	1333	0.98	0.28	NM_011813.2	
Ubp1	1527	0.98	0.16	NM_013699	
Ppm1g	6029	0.98	0.07	NM_008014.2	
D530033C11Rik	485	0.98	0.09	NM_030132.2	
Crem	102	0.98	0.18	NM_013498	
Efcfbp2	232	0.98	0.21	NM_054095.1	
Phtf1	507	0.98	0.06	XM_356222.1	
4933434I20Rik	37	0.98	0.10	NM_026233.1	
LOC381313	113	0.98	0.32	XM_355260.1	
Rnf11	4826	0.98	0.07	NM_013876.2	
Phkg2	204	0.98	0.20	AK079680	
Ank	2650	0.98	0.04	NM_020332.2	
LOC384934	68	0.98	0.26	XM_357946.1	
Shmt1	362	0.98	0.12	NM_009171.1	
Rbm12	365	0.98	0.17	NM_029397.2	
Stk25	521	0.98	0.17	NM_021537.2	
E030040L08Rik	48	0.97	0.05	AK087265	
LOC381453	33	0.97	0.20	XM_355405.1	
Junb	376	0.97	0.44	AK044253	
Tssc8	146	0.97	0.23		
4922505G16Rik	31	0.97	0.13		
Mxi1	134	0.97	0.13	NM_010847.1	
Sfrs1	9043	0.97	0.12	NM_173374.2	
BC033596	1391	0.97	0.27	XM_147426.3	
2700055A20Rik	726	0.97	0.19	NM_027314.2	
Vps39	285	0.97	0.12	NM_147153.2	
Snx26	38	0.97	0.49	NM_178252.2	
E430033C13Rik	51	0.97	0.08	AK088949	
Paqr3	144	0.97	0.07	NM_198422.1	
Prosc	229	0.97	0.17	NM_054057.1	
4933434G05Rik	94	0.97	0.37	XM_126681.3	
D1Bwg0212e	649	0.97	0.11	NM_028043.2	
Htatsf1	3941	0.97	0.16	NM_028242.1	
E030038D23Rik	232	0.97	0.11	AK087243	
Cdyl	93	0.97	0.17	NM_009881	
Ccdc64	247	0.97	0.17		
Ppp2r1a	4553	0.97	0.10	NM_016891.2	
Csmd2	209	0.97	0.23		
Apba1	39	0.97	0.46	NM_177034.2	
Ankrd10	1537	0.97	0.08	NM_133971.1	
Bmp1	484	0.97	0.17	NM_009755.2	
Rtn4r1	250	0.97	0.17	NM_177708.3	
Tnks1bp1	110	0.97	0.46	XM_130286.2	
5830476B15Rik	101	0.97	0.08	AK030986	
Scoc	2216	0.97	0.08	NM_019708	
LOC385792	567	0.97	0.21	XM_358947.1	
B430206E18Rik	34	0.97	0.18	XM_284398.1	
Ing1l	221	0.97	0.08	NM_023503.2	
6720407G21Rik	172	0.97	0.07	XM_133272.4	
Atp6v1h	15158	0.97	0.06	NM_133826.2	
Wdr33	222	0.97	0.16		
Ccnk	98	0.97	0.08	NM_009832.1	
Metap2	333	0.97	0.23	NM_019648.2	



1300007L22Rik	155	0.97	0.03	NM_027917.1	
Stau2	3203	0.97	0.08	NM_025303	
Acate2	113	0.97	0.10	NM_019736.2	
Nol8	2933	0.97	0.08	XM_484255	
1110011C06Rik	1368	0.97	0.11		
Bhlhb2	889	0.97	0.38	NM_011498.2	
Il6ra	47	0.97	0.32	NM_010559	
Nin	413	0.97	0.13	NM_008697.1	
Mbc2	928	0.97	0.31	NM_011843.1	
Recc1	3083	0.97	0.11	NM_011258.1	
Usp22	1545	0.97	0.05	NM_001004143	
Mtyh	77	0.97	0.34	NM_133250	
Tfg	5223	0.97	0.15	NM_019678.1	
2210010A19Rik	1644	0.97	0.07		
M6a-pending	33	0.97	0.12	AK035061	
Laptm4b	217	0.97	0.09	NM_033521.2	
Asah2	60	0.97	0.17	AK047692	
scl0001416.1_21	62	0.97	0.22		
LOC545013	172	0.97	0.21		
Gtf3c4	529	0.97	0.17	NM_172977	
B230340J04Rik	42	0.97	0.07	NM_177234	
A530064L23Rik	169	0.97	0.15	AK080118	
Gtl7	283	0.97	0.06	XM_283757.2	
Sulf1	146	0.97	0.05	NM_172294	
Mcoln2	57	0.97	0.10	NM_026656.2	
Wdr11	188	0.97	0.13	NM_172255.1	
Creb3l1	90	0.97	0.54	NM_011957.1	
LOC381140	1642	0.97	0.41	XM_355056.1	
C230078M08Rik	752	0.97	0.11	NM_176995.2	
Ube1dc1	2627	0.97	0.10	NM_025692.1	
C820002F04Rik	36	0.97	0.25	AK050476	
Mgea6	4869	0.97	0.21	NM_146034.1	
2810036L13Rik	2255	0.97	0.13	NM_144802.2	
A030003K02Rik	34	0.97	0.38		
Orc4	91	0.97	0.27	AK012669	
6330545A04Rik	48	0.97	0.42		
Xrn2	210	0.97	0.12	NM_011917	
Sos2	446	0.97	0.34	XM_127051.3	
Foxred2	67	0.97	0.41		
E030022H21	305	0.97	0.32	XM_126779.5	
Ccna2	47	0.97	0.19	NM_009828.1	
Adam22	35	0.97	0.09	XM_131876.3	
Tpcn2	192	0.97	0.21	NM_146206.2	
C130027E04Rik	301	0.97	0.18		
Tnfrsf1a	399	0.97	0.57	NM_011609.2	
LOC237749	34	0.97	0.23	XM_111219.3	
Smarcc1	684	0.97	0.12	NM_009211.1	
LOC433886	92	0.97	0.14		
Al451006	137	0.97	0.14	NM_178919.2	
Hnrpu	107	0.97	0.25	NM_016805.1	
Ctdsp2	698	0.97	0.21	NM_146012.1	
Vil2	637	0.97	0.23	NM_009510	
2610507N02Rik	294	0.97	0.14		
LOC632687	198	0.97	0.13		
LOC332788	2556	0.97	0.26	XM_285750.2	
Gpatc1	129	0.97	0.11	NM_026181.1	
4832436M01Rik	43	0.97	0.71	AK029335	
BC025462	98	0.97	0.27	NM_145946.1	
0610009J05Rik	107	0.97	0.10	AK002411	
4930438O05Rik	168	0.97	0.09	NM_030184.1	
LOC241944	220	0.97	0.31	XM_143175.2	
Pald	577	0.97	0.18	NM_013753.1	
Zdhhc1	37	0.97	0.39	NM_175160.2	
Elf3s9	2416	0.97	0.09	NM_133916.1	
Mapk9	919	0.97	0.14	AK043169	
Cct7	104	0.97	0.24	NM_007638.2	
Slc6a8	1362	0.97	0.05	NM_133987.1	
Tfb2m	281	0.97	0.06	NM_008249	

D030074E01Rik	106	0.97	0.08		
LOC195071	31	0.97	0.01	XM_111200.1	
Upf2	4010	0.97	0.10	XM_140801.3	
Fmn13	146	0.97	0.19	NM_011711.1	
Acad10	105	0.97	0.17		
Serpinf1	67	0.97	0.24	NM_011340.2	
4831413G18Rik	70	0.97	0.12	AK029196	
2610312B22Rik	1480	0.97	0.07	NM_026934.2	
C030014F05Rik	150	0.97	0.08	AK021080	
C630002N04Rik	392	0.97	0.23	AK049839	
Inadl	33	0.97	0.20		
Ube1c	739	0.97	0.25		
1700066F09Rik	547	0.97	0.12	AK006902	
Cpsf1	260	0.97	0.03	NM_053193	
Psme3	3433	0.97	0.38	NM_011192.2	
B230344N16	180	0.97	0.07	XM_355941.1	
Zfp261	616	0.97	0.26	NM_019831	
C330002I19Rik	2442	0.97	0.17	AK021172	
B930074N03Rik	595	0.97	0.33	AK047478	
0610008F07Rik	31	0.97	0.35	NM_197983.1	
Rsrc2	1889	0.97	0.06		
Enpp4	1035	0.97	0.14	NM_199016.1	
Osbpl11	236	0.97	0.20	NM_176840.2	
LOC212963	265	0.97	0.18	XM_159721.1	
9830132G07Rik	386	0.97	0.24	NM_172643.1	
LOC386484	426	0.97	0.18	XM_359323.1	
Pink1	262	0.97	0.13	NM_026880	
A730054J21Rik	88	0.97	0.15		
Bcl7b	106	0.97	0.19	NM_009745.1	
Helz	291	0.97	0.15	NM_198298	
A730098D12Rik	1507	0.97	0.16	NM_177680.2	
Gimap8	141	0.97	0.26		
2510006C20Rik	48	0.97	0.23	NM_026527.1	
MAp19	254	0.97	0.08	XM_358353.1	
5031425E22Rik	402	0.97	0.16	XM_149592.1	
Tegt	7704	0.97	0.11	NM_026669.2	
Smc1a	2269	0.97	0.12		
4930435M24Rik	43	0.97	0.34	AK015327	
Ap3b1	420	0.97	0.08	NM_009680.2	
Bcar1	180	0.97	0.17	NM_009954.2	
Rwdd3	97	0.97	0.25	NM_028456	
3321401G04Rik	633	0.97	0.22	XM_133096.5	
Skiip	153	0.97	0.02	NM_025507.1	
Hdac6	290	0.97	0.28	NM_010413	
LOC226955	35	0.97	0.39	XM_136701.2	
1200016E24Rik	873	0.97	0.15	XM_489305	
Lt1	2281	0.97	0.21		
Hsd17b12	899	0.97	0.13	NM_019657.2	
1700019D03Rik	1754	0.97	0.14	NM_144953.1	
Pcdhb14	207	0.97	0.27	NM_053139.2	
Trp53inp2	1848	0.97	0.14	NM_178111.2	
Dgkz	1088	0.97	0.24	NM_138306.1	
Esrrb1	64	0.97	0.13	NM_028680	
Denr	430	0.97	0.10	NM_026603.1	
2410142K10Rik	36	0.97	0.72	AK010807	
Ipo4	1411	0.97	0.06	NM_024267.4	
LOC277234	37	0.97	0.27	XM_203694.2	
Tp120a-pending	8298	0.97	0.19	AK009683	
Olf1349	38	0.97	0.04		
Epn2	462	0.97	0.12	NM_010148	
LOC381042	641	0.97	0.17	XM_354958.1	
Fa2h	42	0.97	0.42	NM_178086.2	
Smcr7l	616	0.97	0.09		
Card4	163	0.97	0.08	NM_172729.1	
LOC381815	39	0.97	0.20	XM_355818.1	
1700024K14Rik	69	0.97	0.12	NM_030179	
Dpp9	152	0.97	0.17	NM_172624.1	
9430045C13Rik	44	0.97	0.38	AK034833	

1200015P04Rik	44	0.97	0.14	AK004798	
Trim25	1034	0.97	0.07	XM_126545.2	
4732468D17Rik	55	0.97	0.56	XM_354861.1	
Ddx1	4035	0.97	0.20	NM_134040.1	
Dhx32	3592	0.97	0.11	NM_133941.1	
scl0002395.1_4	456	0.97	0.33		
Elavl2	2737	0.97	0.06	NM_207686.1	
Cap1	1511	0.97	0.04	NM_007598.2	
Mknk2	1953	0.97	0.21	NM_021462.2	
Fgfr1op	282	0.97	0.21	XM_354977.1	
LOC381692	42	0.97	0.32	XM_355667.1	
Icam1	148	0.97	0.74	NM_010493.2	
Sirt5	81	0.97	0.34	NM_178848.2	
Rps15a	154	0.97	0.08	NM_170669.2	
2210403N09Rik	153	0.97	0.61	XM_132372.2	
4930556B16Rik	124	0.97	0.29	AK080679	
D10Wsu93e	94	0.97	0.12	NM_033072	
LOC195418	90	0.97	0.16	XM_110848.2	
BC032203	1800	0.97	0.10	XM_140041.3	
4930579E17Rik	100	0.97	0.08	NM_178629	
Nlr1x1	69	0.97	0.13		
Zfp265	2350	0.97	0.14		
2310007B03Rik	30	0.97	0.20	NM_172411.1	
Pja1	3162	0.97	0.01	NM_008853.1	
Nsf	790	0.97	0.14	NM_008740.2	
Aacs	4657	0.97	0.15	NM_030210.1	
Tulp3	84	0.97	0.29	AK035363	
Eif2ak1	631	0.97	0.10	NM_013557.1	
Slc35b4	1954	0.97	0.12	NM_021435.1	
Cryba4	73	0.97	0.52	NM_021351.1	
Golga4	367	0.97	0.24	NM_018748.2	
2700032M20Rik	95	0.97	0.22	AK012311	
Recql5	187	0.97	0.13	NM_130454.1	
Ube2i	102	0.97	0.32	NM_011665.2	
Ube1x	3820	0.97	0.09	NM_009457.2	
Etfhdh	493	0.97	0.25	NM_025794.1	
Diap1	251	0.97	0.12	NM_007858.1	
LOC333751	438	0.97	0.13	XM_289869.2	
1200003O06Rik	970	0.97	0.29	NM_025813.1	
LOC232974	55	0.97	0.18	XM_145453.3	
Abi1	1067	0.97	0.07	NM_007380	
1700029G01Rik	731	0.97	0.16	NM_025856.1	
Rragd	904	0.97	0.09	NM_027491	
Cyp20a1	115	0.97	0.16	XM_129747.4	
LOC328932	49	0.97	0.20	XM_283485.2	
Dhx29	231	0.97	0.28	NM_172594.2	
Arl10b	8962	0.96	0.07	NM_026823.1	
Mark3	971	0.96	0.29	AK083683	
Ppm1d	513	0.96	0.15	AK051509	
9530077A17Rik	41	0.96	0.61	AK020647	
1500005K14Rik	50	0.96	0.23	XM_203453.1	
Mbd1	322	0.96	0.32	AK007371	
Gtpbp1	793	0.96	0.05	NM_013818	
scl0002540.1_6	5552	0.96	0.10		
Fntb	7410	0.96	0.08	NM_145927.1	
Arl8b	1912	0.96	0.14		
Apc7-pending	50	0.96	0.12	AK049968	
Ube3b	1340	0.96	0.17	NM_054093.1	
6330403E01Rik	786	0.96	0.19	AK031808	
D430024I10Rik	33	0.96	0.18	AK085011	
Fbxl20	996	0.96	0.09	XM_126674.3	
5730589K01Rik	1192	0.96	0.08	NM_023434	
Zfp31	92	0.96	0.14	NM_177758.3	
C030030G16Rik	94	0.96	0.24	NM_175462.2	
1500019C06Rik	79	0.96	0.57	NM_177323.2	
5730555F13Rik	1365	0.96	0.26	NM_025690	
Anxa6	788	0.96	0.21	AK013026	
6430548M08Rik	1012	0.96	0.15	NM_172286	

A930025D01Rik	286	0.96	0.07	NM_178762.2	
Gm1805	111	0.96	0.03		
Ripk4	4146	0.96	0.21	NM_023663	
39696	1069	0.96	0.49		
4933421G18Rik	2046	0.96	0.05	NM_027707	
Klh10	34	0.96	0.31	NM_025727.1	
Al480556	891	0.96	0.39	XM_133474.4	
9630020I24Rik	61	0.96	0.32	AK079319	
AL024210	846	0.96	0.20	NM_134052.1	
Zfp532	867	0.96	0.05	NM_207255.1	
Tardbp	321	0.96	0.02	NM_145556.2	
Prox1	646	0.96	0.21	NM_008937.2	
Scn5a	57	0.96	0.28	NM_021544	
Tnpo2	174	0.96	0.18	NM_145390.1	
A830087C18Rik	38	0.96	0.32	AK044072	
C330006P03Rik	720	0.96	0.30		
Ccng1	3953	0.96	0.13	NM_009831	
Mterf-pending	322	0.96	0.06	XM_110555.3	
8030499H02Rik	414	0.96	0.18	NM_030732.2	
A530023P05Rik	670	0.96	0.05	AK079952	
BC088983	388	0.96	0.14		
D630046D15Rik	89	0.96	0.26	AK052765	
9630046K23Rik	4185	0.96	0.19	NM_172380.1	
4833425P12Rik	337	0.96	0.06	AK039879	
A730042J05Rik	161	0.96	0.13	NM_178708	
Zdhhc3	240	0.96	0.20	NM_026917.4	
Meis1	169	0.96	0.15	NM_010789.1	
Samd10	693	0.96	0.16	NM_172676.2	
Al747699	266	0.96	0.05		
Flot2	1013	0.96	0.05	NM_008028.1	
Ches1	222	0.96	0.14	XM_127089.2	
9230112E08Rik	97	0.96	0.09	NM_177264	
E530020K13Rik	199	0.96	0.20	AK089161	
Ift140	297	0.96	0.12		
Slc41a3	50	0.96	0.26	XM_132686.3	
BC024537	820	0.96	0.11	NM_146237.1	
Fvt1	1142	0.96	0.05	XM_203753.2	
B930085C24Rik	82	0.96	0.42	AK081093	
Rab7	1706	0.96	0.11	NM_009005.1	
Peo1	231	0.96	0.03	NM_153796	
BC034054	1523	0.96	0.17	NM_178049.2	
D3Ucla1	3395	0.96	0.13	NM_030685.1	
Ctnnb1	5466	0.96	0.04		
B230342M21Rik	533	0.96	0.11	NM_133898.1	
2410015B03Rik	197	0.96	0.24	NM_028036.2	
2310007D09Rik	478	0.96	0.28	XM_130601.3	
Sqle	2924	0.96	0.25	AK041198	
Mfhas1	221	0.96	0.10	XM_356068	
Bace1	561	0.96	0.42	NM_011792.3	
4930544D05Rik	45	0.96	0.20	XM_147503.1	
Actr3b	167	0.96	0.29		
D5Erd135e	148	0.96	0.21	NM_172490	
Socs3	1427	0.96	0.37	NM_007707.2	
Abcc8	176	0.96	0.08	NM_011510.1	
Mcl1	4043	0.96	0.22	NM_008562.2	
Zfp251	657	0.96	0.12	XM_147946	
D430039N05Rik	129	0.96	0.34	NM_175514	
Depdc6	129	0.96	0.04		
4933405A16Rik	227	0.96	0.22	NM_028943.1	
Adrbk2	116	0.96	0.10	NM_177078.2	
B230339H12Rik	351	0.96	0.03	NM_172282.1	
scl000260.1_64	77	0.96	0.19		
Hexdc	402	0.96	0.35		
Rnf138	411	0.96	0.09	NM_207623.1	
Adprh1	35	0.96	0.26	NM_172750.1	
scl0003651.1_17	514	0.96	0.32		
H6pd	1071	0.96	0.06	NM_173371.2	
Stxbp1	1610	0.96	0.08	NM_009295.1	

Olf1384	38	0.96	0.28	NM_146472.1	
A130023A14Rik	31	0.96	0.26	AK037516	
Phka2	222	0.96	0.03	NM_172783.1	
2010002H18Rik	1338	0.96	0.04	NM_198653.1	
9230115A19Rik	1994	0.96	0.24	XM_110546.2	
Osbpl6	1817	0.96	0.15	NM_145525.1	
Ppp1r15b	187	0.96	0.15	XM_148953.1	
LOC545471	107	0.96	0.06		
Rab22a	206	0.96	0.06	NM_024436	
Igsf9	708	0.96	0.14	NM_033608	
6030423D04Rik	60	0.96	0.28	NM_153137.2	
Stat3	1919	0.96	0.11	NM_011486.2	
2900057D21Rik	1311	0.96	0.19	NM_145221.1	
Zdhhc5	292	0.96	0.21	NM_144887.3	
3110018K12Rik	4673	0.96	0.08	XM_129857.4	
Pglyrp1	32	0.96	0.26	NM_009402.1	
Reck	54	0.96	0.11	NM_016678	
Tlk1	8099	0.96	0.17	NM_172664.2	
Eml1	1233	0.96	0.11	XM_127139.5	
Lhx1	118	0.96	0.16	NM_008498	
Ywhaz	6092	0.96	0.17	AK050511	
Mobkl2a	216	0.96	0.21		
Zcchc4	64	0.96	0.09	XM_132052	
Tro	1153	0.96	0.05	NM_001002272	
LOC238943	2053	0.96	0.06	XM_138902.2	
Tm7sf3	134	0.96	0.15	XM_132970.3	
Sfrs6	3667	0.96	0.13	NM_026499.2	
Pdlim5	74	0.96	0.19		
9630029G12Rik	60	0.96	0.27	AK036041	
Magi1	112	0.96	0.09	NM_172546.1	
C030046E11Rik	233	0.96	0.28		
2610209N15Rik	75	0.96	0.38	NM_183286	
4933439J20Rik	150	0.96	0.09	AK030267	
Pccb	144	0.96	0.14	NM_025835.1	
D5Ert689e	1040	0.96	0.02	XM_358356.1	
Rad51	400	0.96	0.17	NM_011234.2	
Sprl1	43	0.96	0.18	NM_033175.1	
Dnajc7	695	0.96	0.45	NM_019795.3	
Zfp36l2	47	0.96	0.21	NM_007565.1	
LOC242235	30	0.96	0.20	XM_143529.2	
2410081M15Rik	54	0.96	0.34	NM_028603.1	
Dedd2	478	0.96	0.21	NM_207677.1	
Slitr1	32	0.96	0.04	NM_199065	
AA960558	4792	0.96	0.23	NM_133942.1	
Thop1	1362	0.96	0.15	NM_022653.2	
Rutbc3	512	0.96	0.24	NM_134091.1	
C230080I20Rik	202	0.96	0.39	AK048908	
LOC382145	111	0.96	0.14	XM_356241.1	
Glb1l	80	0.96	0.22		
Sp4	159	0.96	0.16	NM_009239.1	
B230378H13Rik	48	0.96	0.09	NM_177089.3	
AV006891	38	0.96	0.36	NM_178084.2	
Mfap3	1323	0.96	0.04	NM_145426.1	
Pik3ca	205	0.96	0.33	NM_008839.1	
Tmem65	5225	0.96	0.29		
Man2b2	150	0.96	0.17	AK075649	
5430432P15Rik	1748	0.96	0.05	XM_129246.4	
5033413H12Rik	256	0.96	0.08	NM_173015	
TRBV21_X16691	31	0.96	0.02		
LOC383833	41	0.96	0.26	XM_357282.1	
B130064I06Rik	148	0.96	0.06	AK045308	
4933432H23Rik	86	0.96	0.20	XM_125678.1	
Trip13	39	0.96	0.35	XM_127444.3	
Plekha2	3504	0.96	0.04	NM_031257.2	
4930452B06Rik	819	0.96	0.15	NM_028934.2	
3010002L02Rik	88	0.96	0.15	AK013891	
LOC278105	62	0.96	0.33	XM_204369.2	
3010015K02Rik	242	0.96	0.08		

Drp2	143	0.96	0.24	XM_142131.1	
Ythdf1	2389	0.96	0.02	NM_173761.3	
4933407P14Rik	56	0.96	0.19	NM_199019.1	
Cyp7b1	414	0.96	0.15	NM_007825.1	
Map3k14	74	0.96	0.09	NM_016896.2	
4932441P04Rik	175	0.96	0.29	AK016563	
Msn	373	0.96	0.13	AK087001	
9130020K20Rik	167	0.96	0.26		
Zranb1	635	0.96	0.12	XM_355951.1	
3010022N24Rik	170	0.96	0.62	XM_149833.1	
Rars	3844	0.96	0.18	NM_025936.1	
Rnf20	146	0.96	0.30	NM_182999.1	
A230070D14Rik	926	0.96	0.13	AK038871	
BC013481	334	0.96	0.10	NM_178446.2	
Sec61a2	906	0.96	0.08	NM_021305.2	
lsg20l1	78	0.96	0.17		
Ddo	845	0.96	0.07		
Acyp1	54	0.96	0.19	NM_025421.1	
Llglh2	3308	0.96	0.27	NM_145438.1	
Smyd4	170	0.96	0.36	NM_177009.1	
Agps	1698	0.96	0.15	NM_172666.2	
B230213E18Rik	48	0.96	0.45	AK045580	
4921532D18Rik	837	0.96	0.13	AK014994	
C330004K01Rik	145	0.96	0.09	AK021175	
Arih1	306	0.96	0.29	NM_019927.1	
Zswim3	335	0.96	0.11	NM_178375.2	
Nfix	68	0.96	0.20	NM_010906.1	
Epb4.1	2196	0.96	0.11	NM_183428.2	
Hrb2	387	0.96	0.13	NM_178610	
LOC381249	35	0.96	0.03	XM_355191.1	
Axl	62	0.96	0.27	AK033237	
AU040320	1462	0.96	0.19	NM_133886.1	
Xylt2	115	0.96	0.16	NM_145828.1	
Pcna	613	0.96	0.31	NM_011045.1	
E430039K05Rik	255	0.96	0.28	NM_177318.2	
Pfdn1	50	0.96	0.22	NM_026027.1	
Rgag4	31	0.96	0.05		
Reg1	38	0.96	0.42	NM_009042.1	
C330021A05Rik	183	0.96	0.07	NM_153082.1	
6430567L13Rik	36	0.96	0.54	AK078283	
4930506D23Rik	309	0.96	0.18	NM_175215.2	
Pls3	412	0.96	0.34	NM_145629.1	
Acot11	51	0.96	0.16		
3110053B16Rik	49	0.96	0.14		
Pcx	51	0.96	0.22	NM_008797.1	
Rragc	4143	0.96	0.03	NM_017475	
LOC212815	199	0.96	0.17	XM_137024.2	
1500041O16Rik	1393	0.96	0.33		
1110012J17Rik	420	0.96	0.17	NM_172963.3	
2310047L21Rik	1397	0.96	0.06	AK009885	
Hspca	2069	0.96	0.13	NM_010480	
Snapc1	221	0.96	0.34	NM_178392.2	
Apg16l	1478	0.96	0.06	NM_029846.2	
Tdrd6	35	0.96	0.29	NM_198418.1	
2610318C08Rik	2659	0.96	0.24	XM_149213.1	
Six5	50	0.96	0.17	XM_133221.2	
Pnliprp2	1510	0.96	0.10	NM_011128.1	
Twsg1	1285	0.96	0.22	NM_023053.1	
Mnt	71	0.96	0.44	NM_010813	
BC018507	428	0.96	0.26	XM_358313.1	
Gpr133	291	0.96	0.11	NM_177734.2	
9330132E09Rik	263	0.96	0.16	XM_283635.2	
Cdkal1	123	0.95	0.40	NM_144536.1	
Kihl11	40	0.95	0.16	NM_172565.1	
Ptpn2	116	0.95	0.04	NM_008977.1	
Nfe2l2	267	0.95	0.02	NM_010902.2	
1100001D10Rik	2024	0.95	0.05	XM_358359.1	
Tpbp	362	0.95	0.29	NM_011627	

Rbm35a	5015	0.95	0.35		
Rarg	43	0.95	0.20	NM_011244.2	
Tigd2	1000	0.95	0.04	XM_144820.3	
Espnl	370	0.95	0.04		
Rab6b	2994	0.95	0.10	NM_173781.3	
5730405I09Rik	721	0.95	0.16	NM_026484	
Sephs1	90	0.95	0.08	NM_175400.5	
D8Erttd325e	6495	0.95	0.09	NM_025804	
Izumo1	137	0.95	0.15		
Gtf2i	4081	0.95	0.28	AK006796	
Zgpat	137	0.95	0.16		
Mttp	56	0.95	0.13	NM_008642.1	
Bat8	863	0.95	0.11	NM_145830.1	
1700020N18Rik	68	0.95	0.34		
LOC245522	266	0.95	0.10	XM_141965.5	
E130203E12Rik	57	0.95	0.19	AK053686	
C230075L19Rik	2275	0.95	0.21	NM_178694.3	
5730577I03Rik	31	0.95	0.47	NM_175110.2	
Rps6ka3	616	0.95	0.26	NM_148945.1	
2410025L10Rik	1064	0.95	0.25	XM_132259.5	
Ccar1	2458	0.95	0.34	NM_026201	
Brd3	3722	0.95	0.13	NM_023336	
9330175B01Rik	574	0.95	0.19	XM_128267	
LOC381468	69	0.95	0.33	XM_358588.1	
LOC210457	63	0.95	0.25	XM_141682.1	
4933426I21Rik	62	0.95	0.43	XM_359328.1	
Msl2-pending	260	0.95	0.27	XM_150227.4	
Jag2	580	0.95	0.16	NM_010588.1	
Setdb1	567	0.95	0.06	NM_018877.1	
LOC384941	30	0.95	0.31	XM_357951.1	
Zfp239	124	0.95	0.09	NM_001001792	
Pias4	949	0.95	0.18	NM_021501.1	
Krt7	1580	0.95	0.20		
2810432L12Rik	52	0.95	0.44	NM_025944.2	
Caskin1	166	0.95	0.20	NM_027937	
Prkwnk1	1260	0.95	0.12	NM_198703.1	
Tnrc6	934	0.95	0.04	XM_149986.1	
Fmip	921	0.95	0.06	NM_172438.1	
Ankrd13d	72	0.95	0.86		
Gzf1	993	0.95	0.23		
Mlit2h	99	0.95	0.27	NM_133919	
2610019F03Rik	761	0.95	0.08	NM_173744.2	
Fcmd	428	0.95	0.09	NM_139309	
Map4k4	636	0.95	0.07	NM_008696.1	
1300018J18Rik	361	0.95	0.14	NM_027905.1	
Setmar	114	0.95	0.36	NM_178391.2	
Cai	6729	0.95	0.17	NM_009787.1	
sci0002644.1_116	2791	0.95	0.20		
Stat2	188	0.95	0.04	NM_019963.1	
Xpot	3374	0.95	0.22	XM_125902.4	
Mmp9	37	0.95	0.19	NM_013599.2	
Cwf19l2	965	0.95	0.32	NM_027545.1	
LOC383455	31	0.95	0.48	XM_357071.1	
Maged3l	47	0.95	0.30	AK047777	
Gdi3	669	0.95	0.27	NM_008112.2	
Bcl2l12	35	0.95	0.32	NM_029410.1	
LOC385177	64	0.95	0.61	XM_358102.1	
A630059F13Rik	47	0.95	0.19	AK080344	
Ilgal	185	0.95	0.16	NM_008400.1	
L1td1	34	0.95	0.70		
Kpna2	872	0.95	0.27	XM_130821.1	
A130029H05Rik	2626	0.95	0.06	AK037607	
sci0003949.1_31	115	0.95	0.15		
Gpr162	107	0.95	0.23		
2610036C07Rik	600	0.95	0.09	AK011690	
Gopc	217	0.95	0.41	NM_053187.2	
Olf1r351	31	0.95	0.11	NM_146942.1	
Dag1	48	0.95	0.36	NM_010017.1	

Pcdhb10	108	0.95	0.03	NM_053135.1
Wif1	34	0.95	0.82	NM_011915.1
Atic	851	0.95	0.26	AK051020
LOC224276	503	0.95	0.20	XM_147217.2
9630025I21Rik	41	0.95	0.19	AK079330
5530401A10Rik	54	0.95	0.32	XM_355123.1
Tbc1d9	255	0.95	0.21	
Irf2	1876	0.95	0.03	NM_008391.2
Txndc7	1267	0.95	0.18	XM_126809.3
Cacybp	362	0.95	0.17	NM_009786.1
Dyrk3	1088	0.95	0.13	NM_145508.1
LOC386021	1249	0.95	0.10	XM_359035.1
scl000098.1_12_F	466	0.95	0.09	
Strn4	1008	0.95	0.06	NM_133789.1
2310015N21Rik	191	0.95	0.16	NM_181397
Gpr125	162	0.95	0.21	XM_132089.2
A730049B06Rik	47	0.95	0.28	AK043026
Slc2a5	79	0.95	0.20	NM_019741.2
A530026H04Rik	289	0.95	0.22	AK040807
Acp2	326	0.95	0.13	NM_007387
ORF21	110	0.95	0.19	NM_145482.1
Mak10	1724	0.95	0.01	NM_030153.1
Cog2	365	0.95	0.13	NM_029746.2
6720425G15Rik	1953	0.95	0.19	NM_198165.1
Zbtb40	80	0.95	0.29	
Krtap8-2	58	0.95	0.49	NM_010676.1
9630041C05	89	0.95	0.26	
Nedd4l	2279	0.95	0.10	NM_031881.1
Ptk2	2827	0.95	0.20	NM_007982.1
A530061E12Rik	145	0.95	0.14	AK080103
Ppp4r2	80	0.95	0.28	NM_182939
LOC277016	19671	0.95	0.05	XM_203231.2
Stard7	2628	0.95	0.10	NM_139308.1
Zfp36	667	0.95	0.27	
Eps15	768	0.95	0.30	NM_007943
BC061928	698	0.95	0.08	NM_172861.2
Zfp297b	42	0.95	0.18	NM_027947.1
Cggbp1	7476	0.95	0.30	NM_178647.2
9230106L18Rik	51	0.95	0.13	NM_033145.1
LOC381000	188	0.95	0.20	XM_354911.1
Prr11	89	0.95	0.20	
1190002H09Rik	119	0.95	0.37	XM_355059.1
4930463P07Rik	866	0.95	0.14	
Myh8	30	0.95	0.24	XM_354617
Dstn	4415	0.95	0.13	NM_019771.1
3110018K01Rik	2780	0.95	0.15	
LOC331423	45	0.95	0.43	XM_285463.2
Iars	1205	0.95	0.10	NM_172015.1
Zbtb5	312	0.95	0.26	NM_173399.2
2610111M03Rik	725	0.95	0.10	NM_029738.1
Bai1	59	0.95	0.36	NM_174991.2
Zfp262	726	0.95	0.14	XM_355521
Ppp2r2d	2401	0.95	0.11	NM_026391.2
A830053O21Rik	58	0.95	0.16	NM_177182.3
4930564D02Rik	31	0.95	0.37	XM_355416.1
LOC223782	32	0.95	0.56	XM_139520.2
E030015N22Rik	65	0.95	0.28	AK053146
Cylc1	33	0.95	0.34	XM_285518.2
Nup88	1521	0.95	0.10	NM_172394.1
Plekhk1	134	0.95	0.19	XM_483915
Zfp82	101	0.95	0.08	NM_177889.2
4932410M19Rik	96	0.95	0.17	AK029954
AW049829	40	0.95	0.31	NM_153571.1
C430016J18Rik	55	0.95	0.23	AK049487
C430003P19Rik	988	0.95	0.10	NM_198017.1
Dcp1b	390	0.95	0.14	
Sptlc1	1375	0.95	0.12	NM_009269.2
1700001P01Rik	31	0.95	0.15	XM_126645.3



A130038D03Rik	63	0.95	0.17	AK037693	
Ypel5	550	0.95	0.12	NM_027166	
Al415330	680	0.95	0.12	NM_178114	
Hexb	506	0.95	0.11	NM_010422.1	
4833413E03Rik	30	0.95	0.18	XM_358501.1	
Lrp8	405	0.95	0.17	NM_053073.1	
Mia1	37	0.95	0.03	NM_019394	
Tm7sf1	58	0.95	0.18	NM_031999	
BC034090	555	0.95	0.26	XM_148974.3	
Spata6	553	0.95	0.17	NM_026470.2	
C230050J15Rik	981	0.95	0.42	AK048763	
Impact	2310	0.95	0.12	NM_008378.1	
BC006779	201	0.95	0.03	XM_485132	
Psmc1	7603	0.95	0.19		
Celsr1	144	0.95	0.13	NM_009886.1	
LOC384337	158	0.95	0.21	XM_357583.1	
BC035295	2447	0.95	0.13	NM_153407.1	
Bsg	35	0.95	0.64	NM_009768.1	
Kpnb3	746	0.95	0.09	NM_023579.2	
Rffl	281	0.95	0.24		
1600013E24Rik	369	0.95	0.29	AK005439	
LOC381529	142	0.95	0.26	XM_355490.1	
Rab13	1594	0.95	0.05	NM_026297.1	
Plcb3	295	0.95	0.04	NM_008874.2	
LOC383940	131	0.95	0.57	XM_357336.1	
0610030E20Rik	167	0.95	0.22	XM_132614.3	
Xkr7	31	0.95	0.47		
Vps33b	231	0.95	0.09	NM_178070.2	
Usp3	730	0.95	0.15	NM_144937.2	
Dnmt3b	138	0.95	0.08	NM_010068.1	
Ralgps1	195	0.95	0.11	NM_175211	
Sec61a	34	0.95	0.26	AK054318	
2500001H09Rik	49	0.95	0.26	NM_029078	
LOC380701	65	0.95	0.34	XM_354611.1	
2610103N14Rik	63	0.95	0.34	AK011813	
Trpv4	83	0.95	0.06	NM_022017.1	
2610528A15Rik	2584	0.95	0.15	NM_028151.1	
Cds2	131	0.95	0.34	NM_138651.2	
Rdh11	2824	0.95	0.14	NM_021557	
Prickle1	207	0.95	0.15	XM_128308.4	
Prdm4	4981	0.95	0.16	XM_125812	
2310008I22Rik	435	0.95	0.14	AK009232	
Slc2a8	77	0.95	0.11	NM_019488.2	
Snai3	110	0.95	0.48	NM_013914.2	
AU024582	1836	0.95	0.29	NM_153125.1	
Rab33b	473	0.95	0.06	NM_016858.1	
Ap4e1	236	0.95	0.20	XM_485064	
Ccdc100	3390	0.95	0.10		
B130055D15Rik	2954	0.95	0.05	NM_178113.2	
1700071A11Rik	47	0.95	0.43	XM_489271	
Hcn2	3037	0.95	0.20	NM_008226.1	
Alg6	423	0.95	0.19	NM_178784.2	
1110020M19Rik	257	0.95	0.06	NM_027927.2	
Zfp764	133	0.95	0.22		
LOC227384	830	0.95	0.17	XM_129974.3	
Ttyh1	266	0.95	0.05	NM_001001454	
9430067K14Rik	95	0.95	0.18	NM_175509.3	
AB182283	527	0.95	0.27		
5830435C13Rik	357	0.95	0.11		
Pkn1	71	0.95	0.05	NM_177262	
Pogk	407	0.95	0.06	NM_175170.2	
Olfir310	37	0.95	0.12		
Tnfai3	37	0.95	0.24	NM_134131.1	
Suhw2	436	0.95	0.39	NM_177475.2	
Atp6v1c1	1825	0.95	0.06	NM_025494	
6330407G11Rik	6656	0.95	0.05	XM_124343.1	
LOC383347	50	0.95	0.35	XM_356997.1	
Faim2	279	0.95	0.09	NM_028224.2	

Rab11fip3	916	0.95	0.20	NM_153140.1	
Tada3l	133	0.95	0.09	NM_133932.1	
2700008N14Rik	352	0.95	0.11	XM_109880.4	
EG665378	195	0.94	0.17		
4930455F23Rik	3105	0.94	0.04	NM_029115	
Ddx50	1159	0.94	0.12	NM_053183.1	
E130102H24Rik	269	0.94	0.11	XM_149469.3	
BC027309	192	0.94	0.09	NM_177736	
2810457M08Rik	154	0.94	0.06	NM_172284.1	
Dok4	61	0.94	0.20	NM_053246.1	
Lrsam1	92	0.94	0.06	NM_199302.1	
Wdr10	349	0.94	0.17	NM_031177.1	
9430093l07Rik	320	0.94	0.17		
0610031G08Rik	59	0.94	0.22		
LOC215879	814	0.94	0.22	XM_121997.2	
Ctdp1	139	0.94	0.02	NM_026295.2	
Cpe	16735	0.94	0.14	NM_013494.2	
5330431K02Rik	2012	0.94	0.07	NM_026606.1	
Casp2	2418	0.94	0.25	NM_007610.1	
Large	438	0.94	0.25	AK078444	
Trb	241	0.94	0.31	AK077789	
Eif4a2	4973	0.94	0.10	NM_013506	
MGC67181	32	0.94	0.08	NM_198619	
Polk	443	0.94	0.12	NM_012048.1	
Slc31a1	1231	0.94	0.06	NM_175090.2	Ctrl
Lig1	1210	0.94	0.03	NM_010715.1	
C130019M09Rik	50	0.94	0.09	AK081472	
Hira	102	0.94	0.23	NM_010435.1	
BC038286	6105	0.94	0.20	NM_170755.1	
1300019J08Rik	180	0.94	0.17	XM_125854.2	
1810062O14Rik	50	0.94	0.14	NM_178650.2	
Dars	4207	0.94	0.08	NM_145507.1	
Olfr168	40	0.94	0.21	NM_146357.1	
Egfl5	423	0.94	0.09	NM_172694.1	
Ribc1	652	0.94	0.23	NM_025660.1	
D230047F17Rik	93	0.94	0.24	AK084442	
LOC385236	38	0.94	0.38	XM_358135.1	
Dhcr7	151	0.94	0.37	NM_007856.2	
Lats1	125	0.94	0.10	XM_194716.2	
C430014D17Rik	258	0.94	0.34	NM_139304	
Lars	6626	0.94	0.08	XM_357008.1	
Spg4	828	0.94	0.09	NM_016962	
LOC229875	32	0.94	0.23	XM_131256.3	
Vps26	1875	0.94	0.05	NM_133672.1	
2610300B10Rik	1701	0.94	0.13	XM_283661	
scl000605.1_87	47	0.94	0.16		
Cblb	251	0.94	0.14	XM_358863.1	
Mll	3448	0.94	0.09	XM_110671.2	
A430069M06Rik	82	0.94	0.09	AK040145	
Tdrd7	1095	0.94	0.12	NM_146142.1	
1700028G04Rik	33	0.94	0.27	AK006458	
2810407P21Rik	1357	0.94	0.10	XM_132150.5	
1110070O15Rik	221	0.94	0.13	AK075684	
Pcnx13	53	0.94	0.37	NM_144868	
Btd	131	0.94	0.31	NM_025295.1	
Al255170	65	0.94	0.33	XM_128733.4	
4933428G20Rik	108	0.94	0.33	NM_021493.1	
Clock	1295	0.94	0.17	NM_007715.4	
D030034l04Rik	781	0.94	0.11	AK050914	
LOC382210	479	0.94	0.27	XM_356322.1	
9330159F19Rik	174	0.94	0.30	XM_137017.3	
Zfp128	31	0.94	0.28	NM_153802	
LOC381981	89	0.94	0.20	XM_356027.1	
2810405l11Rik	905	0.94	0.03	NM_024190	
scl0001076.1_117	66	0.94	0.46		
2810451E09Rik	40	0.94	0.43		
Dhrs4	30	0.94	0.32	NM_030686.1	
D430042O09Rik	281	0.94	0.21	AK052528	

LOC381684	102	0.94	0.23	XM_355660.1	
Marveld3	95	0.94	0.24	NM_028584.1	
4932416N17Rik	189	0.94	0.02	XM_359229	
1110008P08Rik	651	0.94	0.29		
scl0001627.1_140	620	0.94	0.33		
1810011E08Rik	1444	0.94	0.32	AK007432	
Mapk6	1109	0.94	0.08	NM_015806.2	
Mapkapk2	208	0.94	0.15	NM_008551.1	
Rdh7	38	0.94	0.36	NM_017473.1	
Actr6	109	0.94	0.15	NM_025914.1	
Rfwd3	563	0.94	0.10		
Sdk1	725	0.94	0.10	NM_177879.3	
1110057K04Rik	1250	0.94	0.02	NM_172401.2	
Mreg	1993	0.94	0.14		
Nfib	741	0.94	0.23	Y07685	
Top2a	1320	0.94	0.13	NM_011623.1	
AU014645	2071	0.94	0.03		
B430108F07Rik	51	0.94	0.39	NM_175275.2	
9530019D23Rik	30	0.94	0.38	AK035337	
Seh1l	355	0.94	0.12	NM_028112.1	
lsgf3g	78	0.94	0.18	NM_008394.2	
Clk1	772	0.94	0.03	NM_009905.1	
Pcdhb4	49	0.94	0.33	NM_053129.2	
Elavl3	372	0.94	0.42	NM_010487.1	
AW046396	1410	0.94	0.39	NM_177836.2	
Cacng7	66	0.94	0.53	NM_133189	
Tial1	195	0.94	0.10	NM_009383	
Cacna1a	72	0.94	0.33	NM_007578	
Caskin2	395	0.94	0.20	NM_080643	
3002006F17Rik	2121	0.94	0.10	AK028251	
9430023B20Rik	577	0.94	0.34	NM_177595.2	
Khdrbs1	1845	0.94	0.06	NM_011317.2	
E430026A01Rik	1475	0.94	0.13	XM_132514.4	
Rtp2	2011	0.94	0.11		
Kcnp3	408	0.94	0.19		
Srp72	698	0.94	0.23	XM_132143.3	
D15Ert621e	4439	0.94	0.32	NM_145959.1	
Brwd1	807	0.94	0.10		
Cugbp2	517	0.94	0.08	NM_010160.1	
Ndst2	359	0.94	0.14	NM_010811.1	
Csnk1g1	251	0.94	0.14	NM_173185	
2210409D07Rik	30	0.94	0.20	XM_358519.1	
C330016H24Rik	319	0.94	0.14	NM_026563	
9330133O14Rik	31	0.94	0.10	NM_176948.2	
Clasp1	124	0.94	0.30		
Eftud1	363	0.94	0.12	NM_175317.2	
Olfir1112	31	0.94	0.44	NM_146661.1	
Rhobtb3	869	0.94	0.30	NM_028493.1	
Cnksr1	173	0.94	0.04	XM_110525.3	
D430015B01Rik	73	0.94	0.38	NM_153574	
Icosl	37	0.94	0.29	NM_015790.2	
2210412K09Rik	389	0.94	0.08	NM_029814.1	
4732477C12Rik	10393	0.94	0.09		
Csrp2	70	0.94	0.16	NM_007792.2	
scl0001534.1_16	95	0.94	0.22		
Hnrph2	65	0.94	0.25	NM_019868.2	
6820449I09Rik	1596	0.94	0.13	NM_177128.2	
E130308A19Rik	115	0.94	0.08	NM_153158.1	
AI449175	264	0.94	0.07	NM_172754.1	
0710007C18Rik	41	0.94	0.30	AK003009	
Swap70	63	0.94	0.06	AK045295	
Mtmr3	121	0.94	0.08	NM_028860.1	
4930579J09Rik	35	0.94	0.12	NM_133689	
2900052P03Rik	155	0.94	0.07		
Ptpns1	1529	0.94	0.11	XM_149178.1	
LOC216443	4018	0.94	0.17	XM_125952.4	
A530082C11Rik	477	0.94	0.18	NM_177186.3	
1110067D22Rik	219	0.94	0.29	NM_173752	

D12Wsu95e	2062	0.94	0.22	NM_198023.1	
LOC381525	43	0.94	0.22	XM_355485.1	
Klf3	378	0.94	0.05	NM_008453	
Hsd3b7	2418	0.94	0.04	NM_133943	
Pcdhb7	91	0.94	0.08	NM_053132.2	
Ncapd2	703	0.94	0.07		
LOC381010	32	0.94	0.40	XM_354919.1	
2610304G08Rik	417	0.94	0.02	NM_027434	
D930008O12Rik	36	0.94	0.26		
Capn9	129	0.94	0.19	NM_023709.2	
Son	258	0.94	0.22	NM_019973.1	
Socs4	614	0.94	0.05	NM_080843.1	
Map3k1	1641	0.94	0.10	NM_011945.1	
Cpeb3	414	0.94	0.15	NM_198300	
D130059O18Rik	219	0.94	0.12	AK051608	
Epb4.114b	683	0.94	0.06	NM_019427	
Gm833	144	0.94	0.02		
C430014N20Rik	532	0.94	0.24	XM_136108.3	
D030051N19Rik	334	0.94	0.14	NM_172669	
scl0003976.1_30	178	0.94	0.09		
A530090C09Rik	133	0.94	0.03	AK041201	
Dub1a	41	0.94	0.30	NM_201409.1	
LOC245545	37	0.94	0.14	XM_141989.3	
Ercc4	117	0.94	0.22	AK043366	
Scmh1	302	0.94	0.07	NM_013883.1	
Brms1l	1507	0.94	0.02	NM_027867.2	
Camkk2	123	0.94	0.12	NM_145358.1	
D11Etd18e	101	0.94	0.34	NM_026740.1	
Cyb5r4	975	0.94	0.07		
Fbxl17	667	0.94	0.17	XM_128716.2	
AK122209	345	0.94	0.04		
Olfir206	52	0.94	0.20	NM_146991.1	
A030009H04Rik	71	0.94	0.12	NM_020591.1	
9330112E13Rik	2080	0.94	0.21	AK033896	
Tfpi	48	0.94	0.12	NM_011576	
Uble1b	3208	0.94	0.03		
BC024063	36	0.94	0.16	XM_483927	
5930434B04Rik	328	0.94	0.09	XM_355322	
A130022A09Rik	220	0.94	0.22	AK037499	
Sh3glb1	483	0.94	0.09	NM_019464.1	
Cfl2	238	0.94	0.06	NM_007688.1	
Tbc1d5	647	0.94	0.21	NM_028162.2	
Ppil6	178	0.94	0.29		
2610028H07Rik	1152	0.94	0.13	AK011590	
LOC230765	595	0.94	0.14		
V1rc33	31	0.94	0.25	NM_134436.1	
Golga1	698	0.94	0.13	NM_029793.1	
Ppp2r5a	1924	0.94	0.19	NM_144880.1	
Nr4a2	635	0.94	0.24	NM_013613	
AW544865	250	0.94	0.40	NM_178918.2	
Ppp1r12a	673	0.94	0.15	XM_137239.3	
LOC242555	51	0.94	0.48	XM_143909.3	
Kif1b	891	0.94	0.05	NM_008441.1	
Depdc5	90	0.94	0.06	NM_177786.2	
Gabarapl2	61	0.94	0.22	NM_026693.2	
Prrt3	1107	0.94	0.19		
Rnf19	6692	0.94	0.08	NM_013923.1	
9930012K11Rik	51	0.94	0.52	XM_193767.2	
Dgke	138	0.94	0.29	NM_019505.1	
Kif3b	335	0.94	0.08	NM_008444.2	
Ap1g1	384	0.94	0.07	NM_009677	
Ckap2	1302	0.94	0.07	XM_134100.3	
Tbk1	4493	0.94	0.16	NM_019786.2	
Mycbpap	333	0.94	0.01	NM_170671.1	
Spag5	814	0.94	0.21	NM_017407.1	
Gpkow	120	0.94	0.10	NM_173747.2	
1520402A20Rik	69	0.94	0.03	AK028065	
Casp3	64	0.94	0.12	AK014231	

Thoc1	566	0.94	0.19	NM_153552.2	
Man2c1	1036	0.94	0.11	NM_028636.1	
Zfp382	169	0.94	0.17		
LOC381826	77	0.94	0.28	XM_355827.1	
Smtn	96	0.93	0.09	NM_013870.1	
Siah1a	254	0.93	0.21	NM_009172.1	
Btbd4	307	0.93	0.14	NM_028125	
A930016D02Rik	30	0.93	0.37	NM_176920.2	
Mtap6	126	0.93	0.10	AK087413	
LOC381757	36	0.93	0.12	XM_355752.1	
Leng1	52	0.93	0.18	NM_027203.2	
Shank3	61	0.93	0.25	NM_021423.1	
Phyhip	31	0.93	0.16	NM_145981.1	
Sdccag1	361	0.93	0.25	NM_181665.1	
Ikbkap	522	0.93	0.25	NM_026079.1	
6230400I06Rik	908	0.93	0.27		
6330444G18Rik	365	0.93	0.37	AK078102	
2600001J17Rik	611	0.93	0.17	NM_027411.1	
Prkcz	1076	0.93	0.17	NM_008860	
Cep63	284	0.93	0.18		
Wfikkn1	45	0.93	0.09	XM_128578.2	
Ovgp1	31	0.93	0.47	NM_007696.2	
Epc2	1751	0.93	0.20	NM_172663.2	
B230363H02Rik	823	0.93	0.03	AK046269	
1190009E20Rik	1173	0.93	0.06		
Rnmt	269	0.93	0.09	NM_026440.2	
D930050A07Rik	48	0.93	0.22		
2810030E01Rik	65	0.93	0.12	XM_140828.4	
Wasf2	1433	0.93	0.27	NM_153423	
Ctbp2	325	0.93	0.06	BC017520	
5330416C01Rik	98	0.93	0.10	NM_207528	
Zfp598	200	0.93	0.20	NM_183149.1	
BC008163	899	0.93	0.23	NM_145553.1	
Tuba1	6275	0.93	0.23	NM_011653	
scl0002879.1_64	37	0.93	0.21		
Rbm6	188	0.93	0.13	NM_011251.1	
Vps11	213	0.93	0.23	XM_134794.3	
Ptpn9	56	0.93	0.18	NM_019651	
Ppox	149	0.93	0.09	NM_008911.1	
5830431I15Rik	69	0.93	0.06	AK017959	
Rbbp4	1016	0.93	0.06	NM_009030	
Rel	31	0.93	1.05	NM_009044.1	
scl000073.1_22_F	82	0.93	0.41		
Gpt2	1698	0.93	0.23	NM_173866.1	
Tmprss4	823	0.93	0.10	NM_145403.1	
Dvl1	1692	0.93	0.15	NM_010091.2	
2610203E10Rik	346	0.93	0.05	NM_183220	
D14Ert668e	43	0.93	0.31	NM_199015.1	
9030205A07Rik	815	0.93	0.11	XM_484173	
Timp3	110	0.93	0.17	NM_011595.1	
6330505F04Rik	329	0.93	0.18	NM_172779.1	
Ctnna1	8196	0.93	0.03		
Psm5	389	0.93	0.12	NM_080554.1	
LOC384349	276	0.93	0.33	XM_357594.1	
LOC218726	61	0.93	0.28	XM_127573.4	
Hel308	244	0.93	0.19	XM_132236	
4732441L20Rik	51	0.93	0.27	XM_485425	
Bcr	107	0.93	0.09	XM_125706.5	
2210409E12Rik	174	0.93	0.28	NM_028218.1	
A230048G03Rik	56	0.93	0.29	NM_177332.2	
Cacng4	415	0.93	0.15	NM_019431.1	
Socs5	312	0.93	0.16	NM_019654.2	
Pprc1	1248	0.93	0.36	XM_359412.1	
Prkch	161	0.93	0.08	NM_008856.2	
Tmod4	131	0.93	0.08	NM_016712.1	
Ing3	338	0.93	0.03	NM_023626.3	
Dcbl2	165	0.93	0.36	NM_028523	
Elf2c3	66	0.93	0.23	NM_153402	

Rasa2	149	0.93	0.31	AK082530	
Pcdhb22	231	0.93	0.12	NM_053147.2	
4930420O11Rik	86	0.93	0.08	AK044801	
Nrd1	9254	0.93	0.15	NM_146150.2	
A430079D01Rik	33	0.93	0.26	AK079833	
6330407J23Rik	491	0.93	0.21	NM_026138.1	
BC042513	59	0.93	0.14	NM_173388	
Lgals8	473	0.93	0.16	NM_018886.2	
Ndst1	394	0.93	0.07	NM_008306	
Kctd3	1158	0.93	0.19	NM_172650.2	
Tubgcp2	2638	0.93	0.08	NM_133755.1	
1110067B18Rik	170	0.93	0.08		
Lrrc5	5829	0.93	0.11	NM_178701.2	
Nolc1	67	0.93	0.31	NM_053086.1	
Ube4b	2111	0.93	0.07	NM_022022.1	
8430427H17Rik	316	0.93	0.10	NM_001001986	
Zfp41	792	0.93	0.07	NM_011759.1	
C80913	992	0.93	0.04	NM_011274.2	
2900045N06Rik	603	0.93	0.25	NM_028385.1	
Kifc2	37	0.93	0.32	NM_010630.1	
Mmp1a	45	0.93	0.18	NM_032006.2	
Cdc42ep3	1862	0.93	0.10	NM_026514	
D930005D10Rik	41	0.93	0.26	NM_178702.2	
AF233884	481	0.93	0.15	NM_021315.1	
Mdh1b	584	0.93	0.04	NM_029696.2	
4930432J16Rik	281	0.93	0.19	XM_148426.2	
9330102E08Rik	63	0.93	0.30	XM_489154	
1110001A05Rik	46	0.93	0.14	NM_022554.1	
Hsn2	38	0.93	0.28		
Cct6b	37	0.93	0.56	NM_009839.1	
Enpp2	94	0.93	0.08	NM_015744	
1110067I12Rik	45	0.93	0.17	XM_484769	
Ccdc2	71	0.93	0.14	NM_026319.1	
Ush1g	526	0.93	0.12	NM_176847.2	
D5Erttd606e	7145	0.93	0.03		
4930563E22Rik	73	0.93	0.14	AK043242	
Ddx19	164	0.93	0.51	NM_007916.1	
C130076O07Rik	873	0.93	0.03	AK048567	
Freq	70	0.93	0.05	NM_019681	
Tube1	158	0.93	0.18	XM_125543.4	
Ncoa1	219	0.93	0.29	NM_010881	
Slk	1064	0.93	0.20		
4933412A02Rik	256	0.93	0.26	AK016783	
Abca2	302	0.93	0.24	NM_007379.1	
Rbmy1a1	56	0.93	0.19	NM_011253.1	
5730455P16Rik	269	0.93	0.05	XM_126361.2	
Slc30a4	86	0.93	0.11	NM_011774	
Spcs3	2743	0.93	0.28		
A730004F22Rik	508	0.93	0.30		
Gpr85	186	0.93	0.19	NM_145066	
Picalm	1134	0.93	0.18	NM_146194	
LOC386112	439	0.93	0.18	XM_359073.1	
4930427E19Rik	43	0.93	0.13	AK015210	
Mfap1b	2326	0.93	0.11		
Pvrl2	205	0.93	0.27	NM_008990.2	
Cask	2164	0.93	0.12	NM_009806	
A930008K15Rik	65	0.93	0.15	XM_130065.4	
F630107L03Rik	155	0.93	0.06	AK089261	
F730003H07Rik	668	0.93	0.05	AK089303	
2010013E08Rik	56	0.93	0.40	NM_175152.2	
Stk11ip	313	0.93	0.09	NM_027886.2	
4930512K19Rik	87	0.93	0.32	AK015776	
Serpnb6c	44	0.93	0.12	NM_148942.1	
8030404L10Rik	118	0.93	0.14		
Gprk6	315	0.93	0.12	NM_011938	
Oxct	3523	0.93	0.12	AK010029	
Camk2a	53	0.93	0.10	NM_009792.1	
Hdlbp	2375	0.93	0.24	NM_133808.2	

LOC384292	32	0.93	0.34	XM_357548.1	
LOC384307	78	0.93	0.13	XM_357558.1	
Cit	87	0.93	0.12	NM_007708.1	
Ttc3	4738	0.93	0.07	NM_009441.1	
Kcnh2	800	0.93	0.12	NM_013569.1	
C730029F17Rik	512	0.93	0.32	AK050233	
Rnf44	5724	0.93	0.15	NM_134064.1	
Epn1	44	0.93	0.34	NM_010147	
Slc25a17	1451	0.93	0.04	NM_011399.1	
Rgs9	1449	0.93	0.14	NM_011268.1	
Slc43a1	233	0.93	0.07	XM_130259.4	
Guca1b	47	0.93	0.17	NM_146079.1	
Ttf2	371	0.93	0.13	XM_131118	
LOC382050	143	0.93	0.22	XM_356123.1	
Lta4h	104	0.93	0.10	NM_008517.1	
Mepe	44	0.93	0.03	NM_053172.1	
Dhdh1	235	0.93	0.08	NM_176845	
1810044O22Rik	4568	0.93	0.08	NM_025558.2	
Rala	95	0.93	0.15	NM_019491.4	
Ivd	421	0.93	0.11	NM_019826	
Cdk2	2231	0.93	0.14	NM_016756.1	
C430010C01	35	0.93	0.67		
Triobp	3263	0.93	0.18	NM_138579.2	
Mapk14	2229	0.93	0.11	NM_011951	
Dnchc1	2711	0.93	0.13	NM_030238.1	
AW539964	1456	0.93	0.16	NM_173432.2	
Tulp4	3348	0.93	0.16	NM_054040.1	
Lmyc1	1028	0.93	0.18	NM_008506.2	
Zw10	353	0.93	0.10	NM_012039.1	
Rassf3	86	0.93	0.22	NM_138956	
Nlgn2	513	0.93	0.09	NM_198862.1	
Mcph1	209	0.93	0.12	NM_173189.2	
BC037708	1134	0.93	0.11	NM_172150	
LOC330052	85	0.93	0.25		
Galnt11	1672	0.93	0.15	NM_144908.1	
Ildr1	277	0.93	0.04		
4632417K18Rik	2649	0.93	0.18	NM_026640.1	
5730489J12Rik	416	0.93	0.14	AK017714	
1300006C19Rik	9991	0.93	0.06	AK018758	
Kbtbd2	2368	0.93	0.24	NM_145958.1	
Pole	319	0.93	0.17	NM_011132.1	
LOC385935	60	0.93	0.03	XM_359005.1	
1700021K19Rik	1473	0.93	0.03	NM_172615.1	
Herc1	112	0.93	0.13	XM_358383.1	
Ndrp1	3127	0.93	0.15	NM_010884.1	
Tgfb1i4	675	0.93	0.12	NM_207652.1	
LOC237459	73	0.93	0.37	XM_137290.1	
1110064N10Rik	1014	0.93	0.03	NM_026396.2	
Mbd4	246	0.93	0.09	NM_010774.1	
2810402K13Rik	485	0.93	0.21		
1700039D13Rik	74	0.93	0.47	XM_126497.3	
Zbed4	603	0.93	0.25	NM_181412.2	
LOC332175	40	0.93	0.50	XM_285173.2	
Chpt1	100	0.93	0.10	NM_144807.2	
Pfkip	3096	0.93	0.15	NM_019703	
5830411G16Rik	2319	0.93	0.23	XM_132538.3	
Luc7l2	384	0.93	0.09	NM_138680	
Nppb	4069	0.93	0.11	NM_008726.2	
LOC386192	1855	0.93	0.11	XM_359111.1	
LOC381269	468	0.93	0.26	XM_355212.1	
Sh3md2	163	0.93	0.19	NM_198678.1	
Wdr45	519	0.93	0.15		
Zfand6	957	0.93	0.17		
Foxm1	297	0.93	0.16	NM_008021.2	
Myt1l	92	0.93	0.10	AK012660	
C130021I20	452	0.93	0.28	NM_177842.2	
D15Ert528e	99	0.93	0.16		
Cenpj	181	0.93	0.50	XM_127861.2	

Centb1	34	0.93	0.37	NM_153788.2	
AU040829	386	0.93	0.11	NM_175003.2	
Wdt3-pending	652	0.93	0.14	XM_282971.1	
Mbtps1	410	0.93	0.05	AK002809	
Abca7	1030	0.93	0.26	NM_013850.1	
scl0001709.1_980	1327	0.93	0.17		
Miz1	271	0.93	0.13	NM_008602	
Zfp202	448	0.93	0.18	NM_030713.1	
Wdr5b	64	0.93	0.16	NM_027113	
Cnm3	153	0.93	0.11	NM_053186.1	
2310051N18Rik	341	0.93	0.18	XM_134026.4	
Dnajc13	1201	0.93	0.04	XM_135146.4	
LOC381632	1277	0.93	0.15	XM_355597.1	
Thra	204	0.93	0.31	NM_178060.2	
Cpa4	33	0.93	0.32	NM_027926.1	
Foxj3	596	0.93	0.05		
Zzef1	384	0.93	0.31	XM_111053	
Ppp1r13b	189	0.93	0.17	NM_011625.1	
4432406C08Rik	31	0.93	0.96	XM_149937.3	
Tbc1d17	516	0.93	0.15	NM_144924	
Mtap1b	1111	0.92	0.04	NM_008634.1	
1810055E12Rik	491	0.92	0.01	NM_026437.1	
Vps24	640	0.92	0.17	NM_025783.2	
Ift52	1164	0.92	0.07		
Aldoc	913	0.92	0.22	XM_126120.5	
9330160M08Rik	33	0.92	0.30	AK079082	
Sox5	229	0.92	0.21	AK081802	
Sars1	413	0.92	0.16	NM_011319	
Mier1	661	0.92	0.13		
Scarb1	161	0.92	0.29	NM_016741.1	
scl000788.1_77	37	0.92	0.15		
1110061O04Rik	522	0.92	0.05	NM_026849.1	
Asah1	1947	0.92	0.11	NM_019734.1	
Ppp2r3c	284	0.92	0.05		
A630020I15Rik	33	0.92	0.19	AK041549	
Arfp1	4600	0.92	0.23	XM_130985.2	
Ddx46	799	0.92	0.16	NM_145975.1	
Zfp50	882	0.92	0.19	XM_127016.2	
A530046H20Rik	577	0.92	0.23	NM_172310.1	
Neo1	421	0.92	0.04	AK084609	
2610206C24Rik	69	0.92	0.04	AK011898	
BC035954	1183	0.92	0.11	NM_177569.2	
9030624J02Rik	699	0.92	0.11	NM_027815.1	
scl0002770.1_125	85	0.92	0.09		
Pms2	486	0.92	0.05	NM_008886.1	
BC023741	475	0.92	0.06	XM_148582.3	
LOC380836	256	0.92	0.08	XM_354744.1	
2410018M08Rik	304	0.92	0.16	NM_183088.1	
Cul2	223	0.92	0.30	NM_029402.1	
Rad50	364	0.92	0.12	NM_009012.1	
Mdm4	70	0.92	0.23	AK049576	
LOC381743	313	0.92	0.07	XM_355728.1	
Tram1	8008	0.92	0.12	NM_028173.1	
Zcchc6	1675	0.92	0.14	NM_153538.1	
Tmem20	3837	0.92	0.11	NM_175507.2	
Ncoa6	534	0.92	0.16	NM_019825.1	
9030612M13Rik	144	0.92	0.16	NM_172458.2	
9930033H14Rik	764	0.92	0.14	XM_126551.4	
2610528B01Rik	475	0.92	0.11		
2210407C18Rik	982	0.92	0.27	NM_144544.1	
BC018601	373	0.92	0.25	NM_134033.1	
Apbb2	323	0.92	0.01	NM_009686.1	
Dm15	2150	0.92	0.16	NM_032418.1	
DXImx50e	1320	0.92	0.04	NM_207202.1	
LOC380764	101	0.92	0.02	XM_354676.1	
1700020O03Rik	42	0.92	0.11	NM_027405.2	
1700012H17Rik	537	0.92	0.23	NM_173426	
Zym2	996	0.92	0.29		



Kpnb1	2752	0.92	0.17	NM_008379.2	
Al847670	1590	0.92	0.05	NM_177869.2	
C330029B10Rik	525	0.92	0.17	NM_183033	
Ttid	707	0.92	0.07	NM_021484.2	
scl0001708.1_442	451	0.92	0.16		
Oxct1	2925	0.92	0.11	NM_024188.3	
Arfl4	40	0.92	0.44	NM_025404.1	
Lrmp	36	0.92	0.48	NM_008511	
E230015L20Rik	180	0.92	0.32	NM_177111.1	
Vegfa	2494	0.92	0.16	NM_009505.2	
Zcwpw1	315	0.92	0.11		
Ide	968	0.92	0.11	NM_031156.1	
5830417C01Rik	308	0.92	0.19	NM_024282.2	
C130022E19Rik	117	0.92	0.12	AK047931	
Dlat	161	0.92	0.26	NM_145614.2	
Lonrf1	127	0.92	0.18		
Pik4cb	380	0.92	0.08	NM_175356.1	
Lrch4	71	0.92	0.20	NM_146164.1	
6430590A07Rik	33	0.92	0.48	AK078307	
5430425C04Rik	700	0.92	0.21	NM_178381.2	
Csde1	1540	0.92	0.19		
2610042L04Rik	81	0.92	0.17	NM_025940.3	
Sh2bp1	366	0.92	0.10	NM_009431.1	
BC025546	2005	0.92	0.19	NM_146215.2	
1700016A15Rik	3042	0.92	0.02	XM_127067.4	
Pcnx	447	0.92	0.21	NM_018814.1	
Sec8l1	1125	0.92	0.14	NM_009148.1	
6430403C09Rik	33	0.92	0.13	AK032153	
9430077D24Rik	354	0.92	0.10	AK020492	
A230102O09Rik	1884	0.92	0.04		
Capn1	66	0.92	0.54	NM_007600.2	
Pes1	1443	0.92	0.03	NM_022889.2	
Nek4	141	0.92	0.16	NM_011849.1	
LOC384200	33	0.92	0.06	XM_357483.1	
D5Wsu178e	1341	0.92	0.08	NM_027652.1	
Ss18l1	103	0.92	0.24	NM_178750.4	
scl0003332.1_66	210	0.92	0.28		
LOC329706	120	0.92	0.06	XM_203164.3	
D8Erttd457e	208	0.92	0.22	NM_181854.1	
2810422M04Rik	110	0.92	0.59	NM_025640	
Bbs4	565	0.92	0.13	NM_175325.2	
Elmo3	220	0.92	0.10	NM_172760.1	
Fosl2	540	0.92	0.20	NM_008037.3	
Satb1	421	0.92	0.08	AK040502	
2010009J12Rik	551	0.92	0.08	AK008164	
LOC386078	1566	0.92	0.07	XM_359058.1	
1700001A24Rik	6097	0.92	0.09	NM_175395.2	
Pmpca	40	0.92	0.35	NM_173180.2	
B430201F14	67	0.92	0.20		
C130078A06Rik	134	0.92	0.17	AK081792	
Gpr45	44	0.92	0.35	NM_053107.2	
Rnf170	317	0.92	0.04		
R3hdm1	4573	0.92	0.11		
Ppp3cb	2597	0.92	0.25	NM_008914	
Smc5l1	936	0.92	0.22	NM_153808.1	
E330036C13Rik	108	0.92	0.33	AK054519	
Elf3	1100	0.92	0.23	NM_007921.1	
BC030867	101	0.92	0.30	NM_153544.2	
4921514E18Rik	2071	0.92	0.15	AK029530	
Vps33a	1090	0.92	0.10	NM_029929.2	
2900024O10Rik	101	0.92	0.13	AK013594	
Rpp14	1598	0.92	0.11	NM_025938.1	
sty	3516	0.92	0.13	U21209	
BC023882	96	0.92	0.11	NM_146159.1	
Tebp	1630	0.92	0.17	NM_019766.2	
Zfp513	94	0.92	0.24	NM_175311.3	
Tceb1	2193	0.92	0.31	NM_026456.2	
Tilz3c	171	0.92	0.21	AF201289	

Polh	433	0.92	0.10	NM_030715.2	
Adipor1	4110	0.92	0.18	NM_028320.2	
Tsg101	554	0.92	0.27	NM_021884.1	
D030041I09Rik	39	0.92	0.15	NM_175460.2	
E430027O22Rik	2242	0.92	0.24	XM_129248.4	
Cdcp1	270	0.92	0.10		
D430043P15Rik	168	0.92	0.24	AK085149	
Pip5k2a	2142	0.92	0.22	NM_008845.2	
Usp10	296	0.92	0.05	NM_009462.1	
Prpsap2	183	0.92	0.17	NM_144806.1	
Myef2	995	0.92	0.07	NM_010852.1	
2610024B07Rik	1481	0.92	0.06		
LOC245670	871	0.92	0.18	XM_142239.2	
Brd8	158	0.92	0.33	NM_144864.1	
Kif5a	117	0.92	0.16	NM_008447.2	
Hhat	38	0.92	0.18		
AW490415	289	0.92	0.23		
D430019N05Rik	45	0.92	0.37	AK084962	
Ptch1	238	0.92	0.12	NM_008957.1	
Slc19a2	1692	0.92	0.30	NM_054087.1	
2210037E17Rik	126	0.92	0.29		
Ubg	24130	0.92	0.10		
Mmp14	41	0.92	0.31	AK040968	
D530006B18Rik	121	0.92	0.04	XM_133180.3	
B230380D07Rik	1284	0.92	0.30	NM_172772.1	
A530030G15Rik	477	0.92	0.31	AK079972	
AW112037	1702	0.92	0.09		
Pde4d	107	0.92	0.09	NM_011056.1	
Phr1	638	0.92	0.17	NM_207215	
F830002E14Rik	1359	0.92	0.34	AK089567	
LOC574405	33	0.92	0.06		
Zfp260	1430	0.92	0.21	NM_011981	
Zfp85-rs1	63	0.92	0.08		
Ccnt2	460	0.92	0.14	AK013634	
2700091N06Rik	444	0.92	0.11	NM_026028.1	
Zrf2	2760	0.92	0.09	NM_009584	
Mcrs1	233	0.92	0.10	NM_016766.2	
2810004N23Rik	99	0.92	0.18		
Zfp275	1269	0.92	0.25	NM_031494.1	
Jph3	189	0.92	0.06	NM_020605.1	
Elmo2	116	0.92	0.23	NM_207705.1	
Srrm1	55	0.92	0.29	NM_016799.1	
BC021513	49	0.92	0.56	NM_144894.2	
Fchsd2	624	0.92	0.20	NM_199012.1	
Wdr20a	516	0.92	0.14		
Sfrs2ip	1511	0.92	0.03	XM_128178.5	
Kik10	53	0.92	0.15	NM_133712.1	
3230401M21Rik	335	0.92	0.27	XM_128557.2	
5430434G16Rik	349	0.92	0.09		
Matr3	7378	0.92	0.26	NM_010771.3	
Zfp2	184	0.92	0.28	NM_009550	
D430029G22Rik	64	0.92	0.20	AK052461	
Rab3ip	417	0.92	0.04	XM_125875.5	
Hrb	3696	0.92	0.22	NM_010472	
Gyg1	399	0.92	0.06	NM_013755.1	
1300007C21Rik	283	0.92	0.28	NM_175119.1	
Neurod1	353	0.92	0.10	NM_010894.1	
Exo1	51	0.92	0.28	NM_012012.2	
LOC271505	1318	0.92	0.17	XM_195066.3	
BC031748	233	0.92	0.16	NM_146261.1	
Susd2	35	0.92	0.15	NM_027890.3	
6330409N04Rik	181	0.92	0.13	NM_025697.1	
Neurog1	45	0.92	0.18	NM_010896.1	
Ddx5	708	0.92	0.22	NM_007840.1	
Osbpl10	264	0.92	0.25	NM_148958.1	
6330412F12Rik	1639	0.92	0.19	NM_016736.1	
BC062951	170	0.92	0.32	NM_199032.1	
6430562A12Rik	180	0.92	0.15	AK032481	

Rnasen	1401	0.92	0.13		
Taar3	52	0.92	0.27		
Bzw1	4332	0.92	0.14	NM_025824	
Bbs2	327	0.92	0.15	NM_026116.2	
Zfp446	204	0.92	0.12		
Snph	84	0.92	0.24	NM_198214.1	
4632413C10Rik	491	0.92	0.13	AK028513	
Rnf4	3883	0.92	0.12	NM_011278.1	
Kif1a	373	0.92	0.06	NM_008440.1	
2210409M21Rik	351	0.92	0.10	NM_133728.2	
Pcnt2	221	0.92	0.16	NM_008787.2	
AU016693	450	0.92	0.23	NM_178686.2	
Zyg11b	124	0.92	0.40		
C130065N10Rik	1691	0.92	0.17		
Grit	876	0.92	0.18	NM_177379.2	
6030490K01Rik	86	0.92	0.33	AK031688	
Zfp248	111	0.92	0.07	XM_132810.4	
Prkca	66	0.92	0.17	NM_011101.1	
LOC383893	32	0.92	0.26	XM_357313.1	
Sh3yl1	375	0.91	0.14	NM_013709.2	
Fbxl4	379	0.91	0.10	NM_172988	
2310038K02Rik	88	0.91	0.20	NM_146186.2	
D13Bwg1146e	46	0.91	0.34	NM_029879	
Smek1	938	0.91	0.15		
Dhx15	6213	0.91	0.10	NM_007839.1	
D6Wsu163e	609	0.91	0.05	NM_138594.2	
A630097D09Rik	739	0.91	0.15	AK042500	
Zfp397	644	0.91	0.03	NM_027007	
Pcdha11	364	0.91	0.15	NM_009960	
G3bp2	8484	0.91	0.05		
2810021B07Rik	227	0.91	0.10	NM_025479.2	
Atp2b2	74	0.91	0.16	NM_009723.1	
AW228700	662	0.91	0.17		
2700059D21Rik	932	0.91	0.03	XM_358352.1	
Bub1b	1244	0.91	0.08	NM_009773	
Hist1h1b	87	0.91	0.18	NM_020034.1	
4930488B01Rik	1157	0.91	0.05		
AW550801	374	0.91	0.21	NM_177325	
LOC385632	356	0.91	0.18	XM_358812.1	
Defb17	37	0.91	0.13		
Metap1	1568	0.91	0.08	NM_175224.2	
LOC380626	243	0.91	0.25	XM_134575.5	
Ube3c	2186	0.91	0.27	NM_133907.1	
Hrpt2	556	0.91	0.22	NM_145991	
B430214A04Rik	655	0.91	0.21	NM_146018.1	
1700025J14Rik	123	0.91	0.22	NM_026450.2	
Rhof	118	0.91	0.14	NM_175092.2	
Trim59	303	0.91	0.30	NM_025863.2	
2010319A12Rik	588	0.91	0.09	AK008582	
6820402O20Rik	498	0.91	0.08	XM_133187	
1500003O03Rik	1767	0.91	0.29	NM_019769	
Ccm2	210	0.91	0.09	NM_146014.1	
Insm1	6472	0.91	0.18	NM_016889.1	
5430438H03Rik	39	0.91	0.16	NM_176951.2	
Eif3s10	731	0.91	0.17	NM_010123.2	
Pcyt2	694	0.91	0.09	NM_024229.2	
Stk2	537	0.91	0.20	NM_009289.1	
Hivep1	68	0.91	0.20	NM_007772.1	
4931408L03Rik	109	0.91	0.47	NM_030074.1	
Bicd1	86	0.91	0.22	NM_009753	
Myst2	1068	0.91	0.09	NM_177619.2	
Pogz	57	0.91	0.06	NM_172683.1	
AW413632	637	0.91	0.21	NM_177588.1	
Ralbp1	3103	0.91	0.16	NM_009067.1	
Kcnv2	97	0.91	0.32	NM_183179.1	
D8Ert82e	76	0.91	0.31	NM_172911.1	
Fgf12	109	0.91	0.17	NM_183064.1	
scl0001602.1_506	41	0.91	0.22		

LOC385192	39	0.91	0.25	XM_358110.1	
2010106G01Rik	225	0.91	0.27	NM_023220.1	
Cdc2l5	342	0.91	0.08	XM_127221	
Arnt	302	0.91	0.15	NM_009709	
2810449M09Rik	41	0.91	0.17		
Cri1	131	0.91	0.37	NM_025613.1	
A930039H18Rik	49	0.91	0.10	AK044751	
AW060207	480	0.91	0.08	NM_144911.1	
LOC236311	51	0.91	0.13	XM_135607.2	
Frs2	297	0.91	0.07	NM_177798	
B930044G13Rik	116	0.91	0.05	AK047270	
Tenc1	36	0.91	0.17	BC042190	
C030044K08Rik	83	0.91	0.17	AK047795	
D630045E04Rik	2168	0.91	0.03	NM_153521.1	
Lifr	60	0.91	0.23	NM_013584.1	
lft88	586	0.91	0.06		
Rgma	159	0.91	0.07	NM_177740.2	
6720463L11Rik	1697	0.91	0.12	AK032861	
Fin15	108	0.91	0.35	NM_008016	
4833439L19Rik	789	0.91	0.14	NM_133797	
Dnajc14	102	0.91	0.10	NM_028873.2	
Kdt1	511	0.91	0.29	NM_175088.2	
LOC224576	33	0.91	0.27	XM_139792.3	
LOC380689	43	0.91	0.15	XM_358405.1	
2410007P03Rik	58	0.91	0.45	NM_025475.1	
C330017I15Rik	394	0.91	0.13	NM_178403.2	
4430402I18Rik	34	0.91	0.26	NM_198651.1	
Cnot2	1435	0.91	0.14	BC063105	
Hvcn1	174	0.91	0.07		
Dio1	163	0.91	0.14	NM_007860	
Tmem88	46	0.91	0.08		
D930007M19Rik	41	0.91	0.20	AK086138	
LOC225518	1220	0.91	0.09	XM_128908.3	
Pnma1	388	0.91	0.30	XM_127024	
Als2cr2	459	0.91	0.04	NM_172656	
Nkx2-2	271	0.91	0.56	NM_010919.1	
mKIAA1429	36	0.91	0.62	AK122509	
Hdac2	6802	0.91	0.09	AK051753	
Tacr1	54	0.91	0.18	NM_009313.2	
Farp1	829	0.91	0.10	XM_127877.4	
E330016A19Rik	47	0.91	0.15	NM_173386.1	
Tmpo	1063	0.91	0.21	NM_011605	
Acbd3	3589	0.91	0.08	NM_133225.1	
LOC383946	131	0.91	0.42	XM_357341.1	
Slc37a4	87	0.91	0.35	NM_008063.1	
Foxg1	200	0.91	0.46	AK042354	
LOC242516	87	0.91	0.17	XM_143811.3	
2010312A17Rik	88	0.91	0.14	AK008565	
Pex3	313	0.91	0.12	AK083778	
Mbnl1	2178	0.91	0.05	NM_020007.2	
D12Erd748e	376	0.91	0.11	NM_144833.1	
Fbxl11	1309	0.91	0.39	NM_001001984	
Fut8	282	0.91	0.05	AK078788	
LOC386135	35699	0.91	0.13	XM_359086.1	
Mb	110	0.91	0.20	NM_013593.2	
Papd1	966	0.91	0.17	NM_026157.1	
Ube2n	640	0.91	0.06	NM_080560.2	
Ikzf5	315	0.91	0.17		
A930013K19	41	0.91	0.49	NM_172708.1	
BC024969	820	0.91	0.09	XM_140497	
Sema3f	1635	0.91	0.20	NM_011349.2	
Tnfrsf21	1343	0.91	0.14	NM_178589	
6430540M20Rik	736	0.91	0.25	AK032418	
1200003I07Rik	289	0.91	0.21	NM_181274.2	
Edd1	3704	0.91	0.04		
AW540478	318	0.91	0.04	XM_194070.2	
Tg737Rpw	306	0.91	0.16	NM_009376	
Gnao	259	0.91	0.20	NM_010308.2	

Rgl1	153	0.91	0.26	NM_016846.2	
Snapc2	48	0.91	0.29	NM_133968.1	
B630009I04Rik	1474	0.91	0.16	XM_125617.3	
LOC211556	276	0.91	0.10	XM_131196.1	
Adamts4	87	0.91	0.24	NM_172845.1	
9030025P20Rik	192	0.91	0.06		
Lbr	1472	0.91	0.31	NM_133815.1	
Gmpr	329	0.91	0.22	NM_025508.1	
BC066140	214	0.91	0.09	XM_485999	
C630002C17Rik	109	0.91	0.07	AK049826	
Sec24b	667	0.91	0.14	XM_131192.5	
B230354O11Rik	109	0.91	0.30	AK046228	
A530032J19Rik	33	0.91	0.60	AK079976	
Bicc1	71	0.91	0.15	AK047271	
5430401O09Rik	93	0.91	0.20	NM_176923	
4732469G06Rik	261	0.91	0.05	AK028911	
LOC385275	74	0.91	0.19	XM_358164.1	
Nanos2	40	0.91	0.16	NM_194064.1	
B830015C02Rik	268	0.91	0.12	AK046820	
LOC236294	97	0.91	0.16	XM_135596.4	
Slc29a3	438	0.91	0.02	NM_023596.2	
Usp1	871	0.91	0.15	NM_146144.2	
Ndr3	71	0.91	0.18	AK029378	
2410129H14Rik	311	0.91	0.10	NM_175245.2	
LOC224054	42	0.91	0.34	XM_155898.3	
9530081N05Rik	1730	0.91	0.26	AK035655	
4933427D14Rik	120	0.91	0.22	NM_028963.1	
Elov14	1084	0.91	0.02	NM_148941.1	
Cdca2	1212	0.91	0.09	NM_175384.3	
Arfgef2	497	0.91	0.15	XM_130646	
Gpr155	206	0.91	0.06	XM_130346	
Sacm1l	1939	0.91	0.32	NM_030692	
LOC234915	73	0.91	0.47	XM_134630.2	
9630025B04Rik	1551	0.91	0.24		
LOC212390	329	0.91	0.07	XM_131360.3	
Nusap1	1049	0.91	0.22	NM_133851.1	
Ankrd27	118	0.91	0.15	NM_178263.1	
1110059F07Rik	1533	0.91	0.12	NM_172649	
C530027B15Rik	78	0.91	0.18	AK082974	
Mvd	496	0.91	0.16	NM_138656.1	
Abce1	134	0.91	0.05	NM_015751.1	
Cdon	83	0.91	0.27	AK040711	
Emp2	76	0.91	0.15	NM_007929.1	
2310045L10Rik	590	0.91	0.24	AK009826	
Taf3	187	0.91	0.14	XM_129997.5	
Atcay	50	0.91	0.22	NM_178662.2	
Lamp2	1392	0.91	0.14	NM_010685.2	
Lrp12	1616	0.91	0.19	NM_172814.1	
4832404P21Rik	77	0.91	0.18	AK029263	
Prkaa2	301	0.91	0.24	XM_131633.3	
D230040N21Rik	30	0.91	0.68		
C030011O14Rik	306	0.91	0.22	NM_174868	
Parp6	1722	0.91	0.21	XM_134863.3	
Dnajc2	293	0.91	0.14	NM_009583	
Zmynd12	53	0.91	0.14		
9130023D20Rik	355	0.91	0.10	NM_178746.3	
Syng1	41	0.91	0.12	NM_207708.1	
Fert2	253	0.91	0.10	NM_008000.1	
Gnaq	275	0.91	0.08	NM_008139	
Rev1	622	0.91	0.23		
2410005G18Rik	40	0.91	0.43	AK044329	
C130085D15Rik	715	0.91	0.12	AK081890	
5330440M15Rik	304	0.91	0.34	NM_029868.2	
Gls	258	0.91	0.22	XM_129846.4	
C730004N19Rik	31	0.91	0.21	AK050030	
Zkscan2	36	0.91	0.09		
Fundc1	869	0.91	0.11		
Wrn	519	0.91	0.29	NM_011721.2	

A930006A19Rik	136	0.91	0.13	AK044293	
Snx4	830	0.91	0.18	NM_080557	
2610020O08Rik	997	0.91	0.17	NM_025937	
8430408H12Rik	2075	0.91	0.04	NM_026236.1	
BC026996	59	0.91	0.14	NM_201407.1	
5730408I21Rik	139	0.91	0.06	XM_127397.4	
A430096A09Rik	111	0.90	0.10	AK079868	
Itn1	663	0.90	0.30	NM_008408.2	
Trip12	2626	0.90	0.09	NM_133975.2	
Vps4b	278	0.90	0.16	NM_009190	
D10Bwg1379e	503	0.90	0.20	XM_125524	
A730043L23Rik	149	0.90	0.20	AK042960	
1110014O20Rik	2630	0.90	0.03		
Ltbp3	723	0.90	0.07	AK038587	
scl0000117.1_15_	172	0.90	0.10		
Mccc1	164	0.90	0.09	NM_023644.2	
Pigk	61	0.90	0.16	NM_025662.3	
Golgb1	1464	0.90	0.04	XM_148244.4	
Hs6st3	47	0.90	0.40	NM_015820.1	
Pcdhac2	143	0.90	0.18	NM_001003672	
Crebbp	251	0.90	0.09	XM_489496	
Ubc	20366	0.90	0.19	NM_019639.2	
1810007I17Rik	2183	0.90	0.18		
LOC231630	92	0.90	0.23	XM_149654.3	
Pxk	216	0.90	0.03		
Bub3	288	0.90	0.07	AK039977	
Hnrpd1	1447	0.90	0.06	NM_016690.2	
Plaa	1352	0.90	0.06	AK081641	
Gabra4	49	0.90	0.35	NM_010251.1	
Ssx2ip	826	0.90	0.13	NM_138744.1	
Slc36a1	106	0.90	0.33	NM_153139.3	
D130060L11Rik	91	0.90	0.31	AK051623	
Mynn	193	0.90	0.22	AK030898	
LOC382339	706	0.90	0.23	XM_356457.1	
5330401P04Rik	587	0.90	0.14	NM_172654.1	
Fut10	80	0.90	0.12	NM_134161.2	
Top3a	133	0.90	0.13	NM_009410.1	
Kihl32	132	0.90	0.09		
2810035J02Rik	64	0.90	0.21	AK012859	
Cul1	1173	0.90	0.10	NM_012042.3	
Pdcd7	770	0.90	0.11	NM_016688.1	
Mmab	137	0.90	0.14	NM_029956.2	
2310014H19Rik	413	0.90	0.16	NM_028839.2	
Bbs7	746	0.90	0.14	NM_027810.1	
Zfp28	185	0.90	0.20	NM_175247.1	
Zfp364	33	0.90	0.15	NM_026406	
C630002C18Rik	435	0.90	0.34	AK049827	
Eif3s3	70	0.90	0.10	NM_080635.1	
Pou2f2	56	0.90	0.21	NM_011138.1	
Mrrf	173	0.90	0.06	NM_026422.1	
2310043N13Rik	75	0.90	0.44	NM_025534.1	
Zcchc7	778	0.90	0.07	NM_138590.2	
Galnt1	1532	0.90	0.17	NM_013814.2	
Fnbp4	104	0.90	0.28	NM_018828.1	
Gcn111	450	0.90	0.10	XM_358358.1	
Rbbp9	476	0.90	0.17	NM_015754.1	
Gtf2ird1	342	0.90	0.03	AK081801	
Dsn1	270	0.90	0.09		
LOC245069	37	0.90	0.13	XM_159529.3	
Zhx1	523	0.90	0.24	NM_009572.2	
C030009J22Rik	264	0.90	0.13		
Gtf3c3	1821	0.90	0.26		
2310047O13Rik	53	0.90	0.27	NM_024185.3	
LOC216963	119	0.90	0.28	XM_126291.5	
2810402A17Rik	146	0.90	0.04	XM_489366	
Csnk1g3	3323	0.90	0.17	NM_152809.1	
Lss	364	0.90	0.02	NM_146006	
Slc7a8	36	0.90	0.22	NM_016972.2	

Mucdhl	684	0.90	0.16	NM_028069.1	
Ssbp3	1068	0.90	0.31	NM_198438.1	
2900026H06Rik	121	0.90	0.34	NM_028392.1	
Ddx26	2097	0.90	0.19	NM_008715	
Rapsn	48	0.90	0.22	NM_009023.1	
A330089M16Rik	54	0.90	0.05	AK039696	
Nek9	1336	0.90	0.12	NM_145138.1	
E230022H04Rik	277	0.90	0.02	NM_153515.2	
Gabpa	209	0.90	0.22	NM_008065.2	
Nup155	180	0.90	0.18	NM_133227	
Cpox	33	0.90	0.39	NM_007757.1	
Chd9	215	0.90	0.34	XM_284439	
4930518I15Rik	255	0.90	0.04		
Ncor1	1526	0.90	0.01	AK013831	
2900024C23Rik	130	0.90	0.20	NM_026062.2	
Yeats2	878	0.90	0.17	XM_148273	
Homer1	177	0.90	0.29	NM_011982.1	
Cln3	1024	0.90	0.17	NM_007711.1	
Cstf2	2698	0.90	0.38	NM_133196.3	
1700093E07Rik	629	0.90	0.21	AK007048	
4930534B04Rik	93	0.90	0.16	NM_181815.1	
Mftc	141	0.90	0.35	NM_172402.1	
Rbm18	751	0.90	0.07	NM_026434.2	
Edem1	108	0.90	0.29	NM_138677.1	
Syt13	186	0.90	0.16	NM_030725.2	
Rybp	1001	0.90	0.22	XM_125333.1	
4930550C14Rik	128	0.90	0.10	NM_029247.1	
6030416D17Rik	36	0.90	0.49	AK031375	
2010001H16Rik	449	0.90	0.12		
Gpld1	203	0.90	0.06	AK081107	
C530050O22Rik	753	0.90	0.26	NM_172871.1	
Al427515	466	0.90	0.09	NM_173016.2	
Snx27	478	0.90	0.15	XM_131051.4	
App	10705	0.90	0.08	NM_007471	
5830418G11Rik	40	0.90	0.23	AK017939	
LOC385959	133	0.90	0.14	XM_359014.1	
Usp16	3150	0.90	0.18	NM_024258.1	
1700064K09Rik	338	0.90	0.07	NM_175244	
9130022K13Rik	450	0.90	0.10	XM_203652.2	
LOC226652	507	0.90	0.11	XM_129550.4	
4930547N16Rik	167	0.90	0.04	AK016062	
Krt2-4	48	0.90	0.32	NM_008475.1	
Al115600	1159	0.90	0.10	XM_134902.4	
C130074G19Rik	36	0.90	0.32	NM_178692.2	
B230113H14Rik	33	0.90	0.71	AK020974	
Adnp	4887	0.90	0.03	NM_009628.1	
Aof2	8499	0.90	0.05	NM_133872.1	
Slc35e4	88	0.90	0.26	NM_153142.2	
1810044A24Rik	89	0.90	0.19		
LOC381853	38	0.90	0.35	XM_355865.1	
2810407L07Rik	313	0.90	0.12	XM_289902.2	
Creb1	61	0.90	0.15	NM_133828.1	
Tuba1a	15804	0.90	0.14		
2810031B20Rik	76	0.90	0.23	AK012845	
Zcchc14	660	0.90	0.13	NM_080855	
Lu	49	0.90	0.22	NM_020486.1	
Suclg2	501	0.90	0.05	XM_284754.2	
Tnrc11	599	0.90	0.25	NM_021521	
Atp2a2	7248	0.90	0.08	NM_009722.1	
D930049A15Rik	36	0.90	0.58		
D830044I01Rik	33	0.90	0.11	AK052922	
Dnm2	201	0.90	0.04	NM_007871	
Sec24d	222	0.90	0.13	NM_027135.2	
Al450540	778	0.90	0.19	NM_145505.2	
Ppfibp1	378	0.90	0.16	NM_026221	
Ap1gbp1	413	0.90	0.09	NM_194341.1	
Sestd1	448	0.90	0.11	NM_175465	
LOC228094	110	0.90	0.12	XM_149165.3	

Rrm2b	194	0.90	0.22	NM_199476.1	
Cul4a	548	0.90	0.13	NM_146207.1	
8430407G10Rik	42	0.90	0.38	AK078805	
scl0003078.1_29	173	0.90	0.25		
Kcna1	32	0.90	0.47	NM_010610.1	
Ankrd28	270	0.90	0.16	XM_127673	
Cnot7	875	0.90	0.25	AK007767	
Tfdp1	4115	0.90	0.13	NM_009361.1	
lqca	34	0.90	0.21	NM_029122.1	
LOC384842	48	0.90	0.25	XM_357896.1	
LOC380854	112	0.90	0.35	XM_354759.1	
Xdh	37	0.90	0.55	NM_011723	
Tbc1d2	94	0.90	0.04	XM_283964	
Ln timer	365	0.90	0.03	NM_080795.3	
Trak2	1209	0.90	0.10		
9330151L19Rik	90	0.90	0.24	AK034052	
Cpt1b	55	0.90	0.31	NM_009948.1	
Erlin2	540	0.90	0.10		
E130115J16Rik	44	0.90	0.39	NM_172809.1	
Cdk13	92	0.90	0.28	NM_153785.1	
Wdr6	443	0.90	0.04		
B930007L02Rik	256	0.90	0.07	XM_356186.1	
LOC381510	67	0.90	0.37	XM_355469.1	
Defb4	35	0.90	0.65	NM_019728.2	
Anln	1356	0.90	0.25	NM_028390.1	
Dncic1	299	0.90	0.03	NM_010063.1	
Tdrd3	300	0.90	0.05	NM_172605.2	
Kbtbd7	192	0.90	0.20		
Nedd4	299	0.90	0.15	NM_010890.2	
LOC209706	31	0.90	0.50		
D030020M24Rik	45	0.90	0.04	AK050805	
Pte2b	71	0.90	0.06	NM_134247.2	
Sgpl1	347	0.90	0.22	NM_009163.2	
Slc30a5	1902	0.90	0.05	NM_022885.1	
Ets1	91	0.90	0.10	NM_011808.1	
D830006B12Rik	41	0.90	0.82	AK085769	
Zfp97	44	0.90	0.32	NM_011765.2	
Rab10	341	0.90	0.10	NM_016676.2	
Gdd1	31	0.90	0.23	NM_177694.2	
B230219D22Rik	1213	0.90	0.09	NM_181278.2	
4930430F08Rik	710	0.90	0.29	NM_175128	
Abhd5	596	0.90	0.17	NM_026179.1	
4430402O11Rik	213	0.90	0.08	NM_026272.2	
BC057371	825	0.90	0.24	NM_177572.3	
Smpd13a	747	0.90	0.11	NM_020561.1	
Crsp3	666	0.90	0.18	XM_358301	
1500040F11Rik	40	0.90	0.32	NM_025352.1	
BC056485	185	0.90	0.15	XM_484063	
LOC385940	17444	0.90	0.11	XM_359007.1	
AI450948	129	0.90	0.27		
Glit28d1	88	0.90	0.15	NM_026247	
2310058A11Rik	272	0.90	0.27	NM_133993.1	
E2f5	442	0.90	0.07	NM_007892.2	
1110004P21Rik	477	0.90	0.23		
LOC383800	63	0.90	0.23	XM_357261.1	
Rab1	236	0.90	0.25	NM_008996.2	
Nckip5d	75	0.90	0.23	NM_030729.1	
BC004004	74	0.90	0.24	NM_030561.2	
1700058C13Rik	50	0.90	0.14	XM_130597.1	
D030027P05Rik	108	0.90	0.19	AK050870	
Kctd9	131	0.90	0.52	NM_134073.1	
Tcfcp2l2	288	0.90	0.10	NM_145890.1	
D030044A08Rik	57	0.90	0.36	AK083553	
Btbd2	55	0.90	0.29	XM_354550.1	
scl0002335.1_101	40	0.90	0.28		
Klhl12	160	0.90	0.18	NM_153128.1	
Rai2	76	0.90	0.24	NM_198409.1	
1700011I03Rik	34	0.90	0.43		



Thrap5	649	0.90	0.23	NM_198107.1	
Brunol4	247	0.90	0.12	NM_133195.1	
Senp1	466	0.90	0.05	NM_144851.2	
Efha1	622	0.90	0.06		
Wasf3	49	0.90	0.09	NM_145155.1	
Pkn2	464	0.89	0.20	NM_178654	
Srpr	971	0.89	0.16	NM_026130.1	
Tom1	160	0.89	0.12	NM_011622	
Dck	210	0.89	0.07	NM_007832.3	
4632407F12Rik	57	0.89	0.29	XM_110709.2	
Prdx6	36	0.89	0.20	NM_007453.2	
Strn	76	0.89	0.28	NM_011500	
B930097J01Rik	43	0.89	0.24	AK047604	
LOC217741	175	0.89	0.16	XM_127111.3	
C030010B13Rik	125	0.89	0.23	XM_488973	
LOC272693	35	0.89	0.21	XM_195425.1	
LOC331490	602	0.89	0.20	XM_284729.2	
D130060C09Rik	212	0.89	0.17	NM_177054.3	
Spag9	340	0.89	0.20	NM_027569.1	
2610318G18Rik	184	0.89	0.11	NM_026013	
Hhex	49	0.89	0.48	NM_008245.2	
D630025L11Rik	154	0.89	0.11	AK052697	
Mad5	163	0.89	0.30	AK032570	
Dbf4	1433	0.89	0.03		
LOC277837	249	0.89	0.31	XM_204184.2	
Cxcl14	88	0.89	0.39	NM_019568	
9130404D08Rik	627	0.89	0.15	NM_028993.2	
Gcap3	59	0.89	0.32		
Prpf8	1176	0.89	0.15	NM_138659.1	
Zfp278	42	0.89	0.29	BC055947	
Hivep3	78	0.89	0.12	NM_010657.2	
1300007B12Rik	1923	0.89	0.07	NM_020588.1	
Aps	83	0.89	0.15	NM_018825.2	
Hlcs	1200	0.89	0.12	NM_139145.2	
Zfp148	1429	0.89	0.24	NM_011749	
Pfkfb2	141	0.89	0.23	NM_008825.2	
Atp9a	765	0.89	0.02	NM_015731.2	
D630016K15Rik	95	0.89	0.31	AK052662	
Mapk1	5063	0.89	0.05	NM_011949.2	
Mod1	2706	0.89	0.17	NM_008615	
AI848259	331	0.89	0.06	AK045725	
Enc1	1097	0.89	0.17	NM_007930.3	
Ccl11	37	0.89	0.26	NM_011330.1	
4833412L08Rik	106	0.89	0.20	NM_175376.2	
Vldlr	1296	0.89	0.07	NM_013703	
Cbara1	411	0.89	0.16	NM_144822.1	
C530015M04Rik	1015	0.89	0.24	AK082943	
Whsc1	1010	0.89	0.08	XM_132006	
0610039P13Rik	107	0.89	0.18	XM_149649.1	
Asb3	615	0.89	0.16	NM_023906.2	
Evx1	56	0.89	0.37	NM_007966.1	
Brd9	445	0.89	0.04		
Psen1	450	0.89	0.14	BC014744	
A630076G18Rik	41	0.89	0.20	AK042261	
Clcn2	67	0.89	0.03	XM_147240.1	
1110007C24Rik	4415	0.89	0.18	NM_025382.3	
Txnip	4555	0.89	0.09	NM_023719	
LOC386360	545	0.89	0.14	XM_359184.1	
4930550B20Rik	152	0.89	0.09	NM_152825.1	
LOC385923	190	0.89	0.15	XM_359000.1	
Psme4	2685	0.89	0.24	NM_134013.2	
Dpm1	76	0.89	0.20	NM_010072.2	
Clpx	688	0.89	0.03	NM_011802.1	
LOC385633	71	0.89	0.43	XM_358813.1	
Pscd4	50	0.89	0.19	NM_028195	
D5Erttd591e	795	0.89	0.05		
Zfp318	564	0.89	0.21	NM_207671.2	
Vbp1	449	0.89	0.03	AK051431	

A830007F21Rik	75	0.89	0.06	AK080590	
A130004B21Rik	51	0.89	0.36	AK037294	
LOC384533	70	0.89	0.07	XM_357696.1	
C87860	426	0.89	0.12	NM_133787	
E230017J10Rik	97	0.89	0.14	AK054093	
Gm527	69	0.89	0.01		
B9300075F07	1080	0.89	0.14		
Ibtk	954	0.89	0.28	XM_135030.4	
2400006A19Rik	118	0.89	0.20	NM_025550.2	
Il17	39	0.89	0.29	NM_010552.2	
Mterfd3	125	0.89	0.05		
0610012C01Rik	31	0.89	0.57	NM_026680.1	
Eif4g2	2226	0.89	0.39	NM_013507.2	
Cmya1	47	0.89	0.19	NM_011724.1	
LOC381200	478	0.89	0.14	XM_355131.1	
A1591476	282	0.89	0.20	NM_173406	
Ehhadh	61	0.89	0.27	NM_023737.2	
2610304I02Rik	210	0.89	0.16	AK011982	
Itpr3	1103	0.89	0.07	NM_080553.1	
B230107K20Rik	114	0.89	0.14		
4833418A01Rik	247	0.89	0.14	AK032671	
4732457N14	94	0.89	0.33	NM_183304.1	
Man1c1	32	0.89	0.21	NM_207237	
0910001A06Rik	136	0.89	0.03	NM_144846.2	
Tbc1d2b	80	0.89	0.13		
4833420G17Rik	299	0.89	0.19	AK014735	
Pak3	43	0.89	0.39	NM_008778.1	
Dcamkl2	992	0.89	0.10		
LOC384860	42	0.89	0.24	XM_357901.1	
Tpr	2556	0.89	0.07	NM_133780.2	
9430068D24Rik	47	0.89	0.19	AK034967	
C030014C12Rik	239	0.89	0.19		
LOC270225	47	0.89	0.35	XM_195298.2	
6530406M24Rik	39	0.89	0.12	NM_178630.2	
Tubb4	64	0.89	0.26	NM_009451.3	
Bcl7a	2373	0.89	0.12	NM_029850.2	
Kif2c	1457	0.89	0.12	NM_134471.2	
Lig4	67	0.89	0.19	NM_176953.2	
Prune	354	0.89	0.16		
Aof1	223	0.89	0.21	NM_172262	
4921511I16Rik	39	0.89	0.48	NM_172407.1	
Bag4	953	0.89	0.04	NM_026121.1	
4930432B04Rik	2114	0.89	0.10	XM_130287.5	
Rhot1	1880	0.89	0.14	NM_021536.5	
LOC381904	64	0.89	0.14	XM_358675.1	
B130017I01Rik	747	0.89	0.18	NM_172525	
Gs2na-pending	423	0.89	0.36	AK088570	
A730023M06Rik	54	0.89	0.36	AK042776	
Tpcn1	578	0.89	0.30	NM_145853.2	
LOC230143	45	0.89	0.08	XM_149427.2	
Acvr1	798	0.89	0.14	NM_007394.2	
Fbxl5	179	0.89	0.09	AK054009	
Scg3	4232	0.89	0.07	NM_009130.1	
4933421E11Rik	197	0.89	0.15	NM_177309	
Cdkn1b	67	0.89	0.14	NM_009875.2	
Prrt1	31	0.89	0.54		
D5Erttd579e	626	0.89	0.14	XM_485595	
AU020772	776	0.89	0.13	XM_204259.3	
1810017N16Rik	100	0.89	0.14	NM_175402.3	
Tmod2	539	0.89	0.14	NM_016711.2	
Zfp119	134	0.89	0.07	NM_144546.3	
LOC384062	36	0.89	0.15	XM_357395.1	
Rab9b	396	0.89	0.30	NM_176971.1	
LOC385644	2462	0.89	0.13	XM_358834.1	
LOC268730	3669	0.89	0.22	XM_193754.2	
1200003E16Rik	989	0.89	0.11	XM_130249.3	
Zbtb8	63	0.89	0.43	NM_153541.1	
C130067A03Rik	269	0.89	0.16	NM_177239	

Arhgef2	406	0.89	0.06	NM_008487	
3732409C05Rik	66	0.89	0.29	NM_027379.1	
Al427138	683	0.89	0.20		
1500005I02Rik	52	0.89	0.39	XM_484092	
6430540A14Rik	67	0.89	0.27	AK078251	
4921529O18Rik	109	0.89	0.27	NM_030070	
TRAV4D-2_AF259	44	0.89	0.19		
Ptma	4614	0.89	0.14	NM_008972.1	
A730062O07Rik	56	0.89	0.19	AK043167	
1700057G04Rik	43	0.89	0.35		
Coro1a	30	0.89	0.04	NM_009898.2	
SImap	736	0.89	0.24	NM_032008	
LOC380705	276	0.89	0.13	XM_354618.1	
Pcdhb8	52	0.89	0.25	NM_053133.1	
E230011J22Rik	62	0.89	0.20	AK054000	
4933435A13Rik	247	0.89	0.17	NM_028956	
1700080P15Rik	39	0.89	0.32	AK006960	
2010204I15Rik	239	0.89	0.28	NM_146133.2	
A630034I12Rik	174	0.89	0.13		
2610005L07Rik	31	0.89	0.44	XM_196548.3	
Card10	140	0.89	0.32	NM_130859.2	
9030003C19Rik	77	0.89	0.19	AK033415	
D430018E21Rik	161	0.89	0.16	AK052427	
2410005H09Rik	37	0.89	0.17	NM_146183	
Gig1	588	0.89	0.08	NM_133218.1	
Al661311	64	0.89	0.25	XM_359298.1	
1110064P04Rik	93	0.89	0.18	NM_172391.2	
6230409E13Rik	59	0.89	0.10	NM_175234	
Wdr47	103	0.89	0.21		
Slc39a3	124	0.89	0.29	NM_134135.1	
Stk38l	370	0.89	0.22	NM_172734.2	
6720463M24Rik	326	0.89	0.05	NM_175265.2	
LOC381284	91	0.89	0.06	XM_355224.1	
Akap9	2698	0.89	0.12	NM_194462.1	
LOC381092	69	0.89	0.41	XM_110216.2	
Hsd17b4	2079	0.89	0.05	NM_008292.2	
2610039E05Rik	70	0.89	0.15	NM_030176.2	
Uhrf2	1798	0.89	0.09	NM_144873.1	
scl0002690.1_1	43	0.89	0.17		
B130008D24Rik	39	0.89	0.69	AK044854	
C230070D10Rik	1781	0.89	0.11	AK082620	
Cbfb	2822	0.89	0.08	NM_022309.2	
Cln8	34	0.89	0.08	NM_012000.2	
Lpp	168	0.89	0.21	NM_178665.3	
Sfrs3	938	0.89	0.14	NM_013663.3	
Acas2	882	0.89	0.19	NM_019811.2	
C230082I21Rik	1020	0.89	0.05		
5033403J15Rik	910	0.89	0.11	XM_484707	
LOC239122	52	0.89	0.55	XM_139089.3	
Bruno16	101	0.89	0.54	NM_175235.3	
Btg1	3225	0.89	0.09	NM_007569.1	
A530024C08Rik	281	0.89	0.19	AK040772	
Armc8	536	0.89	0.14	NM_028768.1	
D130050A01Rik	143	0.89	0.10	AK051458	
A930008G19Rik	49	0.89	0.37	NM_175268.3	
Plekhg2	437	0.89	0.18		
Rabep1	199	0.89	0.23	NM_019400.1	
A930040G15Rik	444	0.89	0.22	NM_133922	
Snx16	451	0.89	0.16	NM_029068.2	
Slc9a6	39	0.89	0.44	NM_172780	
Adrb3	52	0.89	0.09	NM_013462.1	
Chek2	117	0.89	0.03	NM_016681.2	
Ep300	395	0.89	0.04	XM_484488	
Cenpi	429	0.89	0.26		
C030003H22Rik	229	0.88	0.23		
Wbscr27	59	0.88	0.22	NM_024479	
Sorbs1	103	0.88	0.05	NM_009166	
Ttc7b	631	0.88	0.10	XM_127105.4	

Mia3	71	0.88	0.03	NM_177389.2	
Mlh3	232	0.88	0.21	XM_484162	
Mapk4	111	0.88	0.19	NM_172632.1	
B230206H07Rik	55	0.88	0.24	NM_177280.2	
LOC381283	13083	0.88	0.18	XM_358544.1	
4933417E01Rik	45	0.88	0.44	NM_028954.1	
9130206N08Rik	33	0.88	0.21	XM_125729.4	
9830001H06Rik	604	0.88	0.13	XM_283804.2	
Cd97	204	0.88	0.10	NM_011925.1	
Rasgef1b	63	0.88	0.14	NM_181318.2	
0610010K06Rik	1892	0.88	0.12	AK002489	
2510003E04Rik	487	0.88	0.21	NM_028197.1	
Pitpnm1	86	0.88	0.21	NM_008851.1	
Zfp609	42	0.88	0.32	NM_172536.1	
4732418C07Rik	1077	0.88	0.04	NM_172698.2	
Arl9	43	0.88	0.17	NM_206935.1	
Bclaf1	1368	0.88	0.22	NM_153787	
Rnf34	867	0.88	0.12	NM_030564.1	
A930037O16Rik	38	0.88	0.07		
Mllt1	69	0.88	0.04	NM_022328.2	
LOC383269	39	0.88	0.11	XM_356956.1	
Cry2	89	0.88	0.13	AK037778	
Arhgef1	223	0.88	0.26	AK040093	
1110030L07Rik	34	0.88	0.35	NM_178614	
4833406C17Rik	233	0.88	0.18	AK029366	
Lars2	1344	0.88	0.05	NM_153168.1	
Mpp7	230	0.88	0.33	XM_128966.4	
Map3k3	1023	0.88	0.06	NM_011947.1	
Acpp	48	0.88	0.10	NM_207668.1	
Zfp219	772	0.88	0.16	NM_027248	
4933439C20Rik	3131	0.88	0.01	AK007420	
LOC386270	243	0.88	0.23	XM_359149.1	
Acy112	66	0.88	0.11		
E130208E03Rik	43	0.88	0.33	AK053696	
Lass4	32	0.88	0.63	NM_026058.2	
Gng7	71	0.88	0.06	NM_010319.2	
Nfkbiz	629	0.88	0.24	NM_030612	
BC003993	465	0.88	0.08	AK039942	
Prkacb	6351	0.88	0.14	NM_011100.3	
LOC329357	661	0.88	0.04	XM_131311.4	
LOC545253	31	0.88	0.25		
Jak2	214	0.88	0.24	NM_008413.1	
5730406F04Rik	167	0.88	0.08	AK077424	
LOC384301	46	0.88	0.21	XM_357554.1	
Pten	129	0.88	0.12	NM_008960.1	
LOC268663	31	0.88	0.61	XM_193722.3	
2310011G17Rik	462	0.88	0.11		
A730021C13Rik	580	0.88	0.13	AK042754	
Atp6v0a1	864	0.88	0.24	NM_016920.1	
Ntn3	54	0.88	0.15	NM_010947.2	
LOC382510	232	0.88	0.05	XM_356540.1	
Nuff2	503	0.88	0.30	NM_026532.2	
Dp1	1471	0.88	0.11	NM_007874.2	
Cpeb2	71	0.88	0.19	NM_175937.2	
Spata20	32	0.88	0.24		
9230110M18Rik	1128	0.88	0.27	XM_355515.1	
LOC229494	40	0.88	0.14	XM_143290.1	
Ptbp2	45	0.88	0.30	AK084846	
Smarcd1	36	0.88	0.18	NM_031842	
Smcx	155	0.88	0.27	AK028739	
Smc6l1	937	0.88	0.17	NM_025695.2	
Echdc1	153	0.88	0.29	NM_025855.2	
Gapvd1	1585	0.88	0.09		
Abca5	103	0.88	0.19	NM_147219.1	
A930024E05Rik	58	0.88	0.27	NM_175405.2	
Slit2	46	0.88	0.25	NM_139307	
C630029K18Rik	311	0.88	0.07	NM_144871.2	
D230045O07Rik	162	0.88	0.24	AK052099	

Tbc1d1	507	0.88	0.21	AK080526	
Tnfrsf22	82	0.88	0.12	NM_023680.2	
D430005F24Rik	203	0.88	0.09	AK084883	
A030007D23Rik	43	0.88	0.18	NM_178763.2	
Nova1	49	0.88	0.13	XM_356586	
Cnm2	1091	0.88	0.14	AK044400	
Cd1d1	90	0.88	0.17	NM_007639.1	
Ccnl1	614	0.88	0.13	NM_019937.1	
Dip3b	1527	0.88	0.02	NM_145220.1	
Mki67	1341	0.88	0.16	XM_133912.3	
Leo1	581	0.88	0.25		
2810439M11Rik	167	0.88	0.06	NM_183091.2	
Car4	34	0.88	0.25	NM_007607.1	
Pard6g	5356	0.88	0.12	NM_053117.2	
Angel2	2256	0.88	0.13		
C230043G09Rik	1505	0.88	0.06	AK048752	
Ube2q2	376	0.88	0.19		
LOC386246	385	0.88	0.27	XM_359137.1	
Podxl	484	0.88	0.24	NM_013723.2	
BC003236	176	0.88	0.11	NM_030249	
D12Ert7e	432	0.88	0.10		
Nrf1	554	0.88	0.23	NM_010938.2	
4931406P16Rik	908	0.88	0.12	NM_172741.1	
Slc24a4	60	0.88	0.16	NM_172152.1	
Slc1a4	1160	0.88	0.17	NM_018861.2	
1700009P03Rik	117	0.88	0.32	NM_134077	
Gcc2	1128	0.88	0.22		
E130014J05Rik	234	0.88	0.35	NM_145989.1	
scl0003903.1_2	1677	0.88	0.22		
Lbh	1531	0.88	0.38	NM_029999.3	
2010300G19Rik	1280	0.88	0.16	NM_028097.2	
Ankrd12	545	0.88	0.11		
KIF23	1072	0.88	0.04	AK013939	
Zc3h14	2027	0.88	0.15		
Kpna3	576	0.88	0.34	NM_008466.2	
Actn4	2187	0.88	0.15	NM_021895.2	
Ccdc96	113	0.88	0.09		
Dncic2	2571	0.88	0.10	AK019441	
Pign	149	0.88	0.22	NM_013784.1	
Mospd1	395	0.88	0.19	NM_027409	
Err1	222	0.88	0.23	AK018505	
Gphn	2010	0.88	0.05	NM_172952.1	
Rad54l	248	0.88	0.09	AK017045	
LOC232286	836	0.88	0.16	XM_132740.2	
Orc4l	103	0.88	0.27	NM_011958.2	
Nsmf	236	0.88	0.18	NM_010945.1	
B230373P09Rik	961	0.88	0.22	NM_177336.2	
Mil1-pending	138	0.88	0.10	AK052896	
Ctcf	633	0.88	0.18	NM_007794.1	
Tars	164	0.88	0.25	NM_033074.2	
Eps15-rs	469	0.88	0.17	NM_007944	
6430515G22Rik	262	0.88	0.15	AK032284	
Spnb1	47	0.88	0.11	NM_013675	
LOC333459	40	0.88	0.14	XM_285586.2	
1200013P24Rik	139	0.88	0.19	NM_029090.2	
Map3k8	35	0.88	0.29	AK041009	
Ivns1abp	1934	0.88	0.15	NM_028582	
3110002L15Rik	517	0.88	0.22	NM_026665.2	
LOC268853	75	0.88	0.27	XM_196141.2	
Neto2	679	0.88	0.29	XM_134498	
Myo5a	122	0.88	0.16	AK032713	
4930524E20Rik	37	0.88	0.11	XM_284734.1	
Pb1	472	0.88	0.23	XM_484357	
Cdk1l	31	0.88	0.35	NM_183294.1	
Slc37a1	118	0.88	0.11	AK028984	
Tmem102	94	0.88	0.28		
Pde5a	35	0.88	0.29	NM_153422.1	
LOC270589	157	0.88	0.16	XM_193524.2	

9830139D05Rik	817	0.88	0.14	AK036600	
0610009J22Rik	96	0.88	0.12	NM_027859.1	
Cyln2	174	0.88	0.13	NM_009990	
Zbtb24	1614	0.88	0.06	NM_153398.2	
A630090P18	40	0.88	0.22	NM_177633.2	
Nup50	251	0.88	0.07	NM_016714.2	
Wdr77	201	0.88	0.24		
Slc37a3	117	0.88	0.29	NM_028123.1	
Eefsec	63	0.88	0.13	AK087501	
Sgk3	699	0.88	0.20	NM_177547.2	
Ptp4a1	2229	0.88	0.02	NM_011200	
Nr2c1	203	0.88	0.08	NM_011629.2	
scl000490.1_983	1381	0.88	0.19		
BC016226	466	0.88	0.18	NM_145443.1	
1110065L07Rik	41	0.88	0.36	XM_133990	
4921521J11Rik	696	0.88	0.01	NM_027590.1	
5033413D16Rik	206	0.88	0.26		
Zfp322a	101	0.88	0.04	NM_172586.2	
Taf6l	65	0.88	0.44	NM_146092.1	
Ube2a	299	0.88	0.25	NM_019668.2	
Ddx3x	2018	0.88	0.14	NM_010028	
Aprin	2085	0.88	0.19	NM_175310.3	
Rab8b	987	0.88	0.18	NM_173413.2	
Zzz3	89	0.88	0.24	NM_198416.1	
LOC238803	42	0.88	0.25	XM_138810.2	
5730593F17Rik	342	0.88	0.30	NM_172543.1	
Epb4.1l2	172	0.88	0.16	NM_013511.1	
D2Bwg1356e	5822	0.88	0.17	XM_130523.3	
4930465M17Rik	49	0.88	0.19	XM_486083	
Tank	501	0.88	0.08	NM_011529.1	
Krt15	31	0.88	0.22		
Cyfp2	338	0.88	0.23	XM_147526.1	
Ssfa2	1873	0.88	0.06	NM_080558.3	
Pla2g6	308	0.88	0.06	NM_016915.2	
Evi5	1524	0.88	0.30	NM_007964.1	
Ankrd17	243	0.88	0.27	NM_030886.2	
Al591529	88	0.88	0.19	NM_133841.1	
D430007A19Rik	73	0.88	0.09		
9845300_5100	41	0.88	0.19		
Al481105	138	0.88	0.09	XM_130703.4	
Stard13	142	0.88	0.25	NM_146258.1	
A930002H24Rik	76	0.88	0.29	AK044233	
Snx19	105	0.88	0.21	NM_028874	
Atxn3	272	0.88	0.16		
B4galnt4	404	0.88	0.15		
Atp11b	266	0.88	0.07	XM_358349	
Bcas3	543	0.88	0.11	NM_138681.2	
Htr3a	288	0.88	0.16	NM_013561.1	
Map3k7ip3	836	0.88	0.12		
2610034H20Rik	63	0.88	0.27	NM_029585.2	
Sfxn4	44	0.88	0.11	NM_053198	
Rad18	71	0.88	0.40	NM_021385.1	
P4ha1	1408	0.88	0.11	NM_011030.1	
LOC385982	57	0.88	0.39	XM_359024.1	
Sort1	1542	0.88	0.14	NM_019972.2	
Ank3	76	0.87	0.17	NM_170728.1	
A530050N04Rik	52	0.87	0.09	AK080033	
2310036D22Rik	278	0.87	0.20	NM_027992	
C030034J23Rik	107	0.87	0.21	AK081262	
Unc84a	1947	0.87	0.11	NM_024451.1	
LOC237877	765	0.87	0.28	XM_111221.4	
Myo1e	336	0.87	0.16	NM_181072.2	
Cd47	1472	0.87	0.06	NM_010581.3	
Hook3	45	0.87	0.46	NM_207659	
2900097C17Rik	101	0.87	0.14	XM_485090	
Apg3l	662	0.87	0.10	NM_026402.1	
Ap2a1	733	0.87	0.35	NM_007458.1	
LOC386256	105	0.87	0.12	XM_359142.1	

BC027088	234	0.87	0.11	NM_146156.2	
A930004J17Rik	167	0.87	0.17		
LOC215958	185	0.87	0.15	XM_125568.1	
5530400K22Rik	725	0.87	0.25		
Mapre2	501	0.87	0.11	NM_153058.2	
Hoxc13	33	0.87	0.45	NM_010464.1	
3110050N22Rik	1000	0.87	0.25	NM_173181.1	
C330019G07Rik	241	0.87	0.20	NM_194340.1	
Tef	145	0.87	0.34	NM_153484.1	
Trim36	150	0.87	0.15	NM_178872.3	
Zfp612	199	0.87	0.04	NM_175480	
4931403M11Rik	48	0.87	0.21	NM_027621.1	
Al448196	2132	0.87	0.13	XM_136041.3	
Ric3	485	0.87	0.03		
Tyki	229	0.87	0.25	NM_020557.3	
Sft2d2	606	0.87	0.04		
BC020002	1803	0.87	0.19	NM_145374.1	
BC031575	102	0.87	0.21	NM_153549.2	
4930470O13Rik	238	0.87	0.05		
Syt14l	273	0.87	0.12	NM_172804.1	
Macf1	102	0.87	0.16	XM_110503	
4921533L14Rik	1242	0.87	0.12	NM_026604.2	
A630039F14Rik	89	0.87	0.09	XM_146705.4	
Tyw1	320	0.87	0.18		
LOC239766	244	0.87	0.15	XM_155893.4	
Nrbp	203	0.87	0.11	NM_147201.1	
C230021J06Rik	39	0.87	0.26	AK048720	
Slc35e3	183	0.87	0.14	NM_029875	
Uimc1	103	0.87	0.09		
1110038D17Rik	737	0.87	0.03	XM_483920	
Actr3	2767	0.87	0.05	NM_023735	
2700078E11Rik	130	0.87	0.21	XM_129335.2	
Slc39a10	139	0.87	0.26	NM_172653.2	
End2	88	0.87	0.30		
D030029J20Rik	242	0.87	0.15		
B930085E10Rik	33	0.87	0.49	AK081094	
Sclt1	76	0.87	0.12		
Pak1	200	0.87	0.29	NM_011035	
C430014M02Rik	51	0.87	0.44	AK049459	
D230016N13Rik	98	0.87	0.15	NM_178640	
Gucy2c	94	0.87	0.38	XM_132928.3	
BC049806	655	0.87	0.23	NM_172513.2	
LOC381219	117	0.87	0.20	XM_355157.1	
Pias1	1627	0.87	0.03	NM_019663.2	
Sstk	39	0.87	0.40	NM_032004.1	
LOC245666	283	0.87	0.17	XM_142229.4	
LOC240779	61	0.87	0.37	XM_136256.4	
Hcfc1r1	76	0.87	0.19	NM_181821.1	
LOC218805	135	0.87	0.13	NM_172379.1	
8030448M07Rik	421	0.87	0.22	AK033160	
Mpdz	128	0.87	0.13	AK036044	
LOC226036	47	0.87	0.31	XM_123387.2	
Krr1	51	0.87	0.19		
AA407452	338	0.87	0.25	XM_145140.3	
9330134C04Rik	1551	0.87	0.08		
9930031P18Rik	170	0.87	0.44		
2810485I05Rik	2248	0.87	0.17	NM_176836.2	
Sprr2a	367	0.87	0.28	NM_011468.2	
Atad1	3648	0.87	0.15	NM_026487.2	
Slc4a7	1142	0.87	0.09	XM_147798.4	
Ranbp10	798	0.87	0.17	NM_145824.3	
Nedd1	1647	0.87	0.23	NM_008682	
LOC385201	938	0.87	0.10	XM_358115.1	
2610017J04Rik	4594	0.87	0.14		
LOC211970	814	0.87	0.20	XM_125419.3	
Papln	57	0.87	0.10	NM_130887.1	
BC051142	106	0.87	0.01		
Cort	90	0.87	0.09	NM_007745.2	

4632404H22Rik	587	0.87	0.11	NM_030167.1	
AL033326	1152	0.87	0.11	NM_019705.2	
Dscr3	352	0.87	0.14	NM_007834.1	
D430017M14Rik	36	0.87	0.52	AK052425	
Rac1	950	0.87	0.13	NM_009007.1	
Atp6a1	1608	0.87	0.21	XM_147267.1	
Gal3st1	58	0.87	0.12	NM_016922.2	
Pank3	247	0.87	0.15	NM_145962.1	
B230384C22Rik	102	0.87	0.16	AK046429	
Donson	958	0.87	0.15	NM_021720.1	
Fads1	11359	0.87	0.02	NM_146094.1	
Obfc2a	772	0.87	0.26		
4122402O22Rik	113	0.87	0.14	NM_029945	
LOC383092	37	0.87	0.15	XM_356868.1	
1190012C08Rik	80	0.87	0.20	AK028016	
4921511H13Rik	66	0.87	0.19	XM_128377	
9830141K10Rik	1036	0.87	0.05	AK036615	
Mlr2	97	0.87	0.43	NM_172154	
Pfc	741	0.87	0.08	XM_135820.3	
Homer3	39	0.87	0.35	NM_011984.1	
Xrn1	132	0.87	0.10	NM_011916.1	
Arhgap21	2132	0.87	0.18	XM_130033.5	
Foxo3	49	0.87	0.36	NM_019740.1	
Myo10	113	0.87	0.13	NM_019472	
4930449E07Rik	123	0.87	0.07	NM_029044.1	
1200016D23Rik	404	0.87	0.14	NM_028776.3	
6430573H23Rik	84	0.87	0.41	AK032505	
9630002H22Rik	50	0.87	0.13	XM_126554.5	
BC027174	168	0.87	0.18	NM_172260.1	
Pex13	61	0.87	0.06	NM_023651.2	
A130082N24Rik	131	0.87	0.39	AK038156	
Kif13b	40	0.87	0.17	XM_283218	
A430042F24Rik	37	0.87	0.16		
Dhx8	226	0.87	0.10	NM_144831.1	
Suv39h1	155	0.87	0.11	AK021174	
Osbp2	68	0.87	0.17	NM_152818.1	
Zfyve16	213	0.87	0.24	NM_173392.1	
Adam9	924	0.87	0.33	NM_007404.1	
5730406M06Rik	827	0.87	0.08	XM_283936.2	
Sugt1	51	0.87	0.44	NM_026474.2	
Jmjd2b	905	0.87	0.09	NM_172132.1	
Thrap4	1856	0.87	0.11	NM_011869	
Itgb4	61	0.87	0.06	XM_109756.3	
Cul3	8140	0.87	0.12	NM_016716	
D13Wsu64e	457	0.87	0.22	NM_172585.1	
A430110N23	32	0.87	0.20	NM_173008.1	
LOC329701	35	0.87	0.44	XM_283864.2	
Cdc6	305	0.87	0.06	NM_011799.1	
1700066M21Rik	38	0.87	0.62	XM_129727.2	
Papss1	2010	0.87	0.11	BC066055	
LOC243737	50	0.87	0.24	XM_145243.1	
3830408P04Rik	703	0.87	0.15	NM_023647	
Olf1r591	30	0.87	0.39		
AI875199	103	0.87	0.19	NM_153591.2	
LOC381625	60	0.87	0.26	XM_355584.1	
Rnf141	310	0.87	0.27	NM_025999.1	
Hipk3	272	0.87	0.15	NM_010434.1	
Si	47	0.87	0.20	NM_021882.2	
Abcb7	1564	0.87	0.22	XM_356348.1	
Aftph	2408	0.87	0.03		
LOC385865	78	0.87	0.19	XM_358975.1	
Parva	766	0.87	0.15	NM_020606.4	
4933424B01Rik	727	0.87	0.07	NM_138757.1	
B130052F17Rik	141	0.87	0.26	AK045259	
BC008171	191	0.87	0.18	XM_135068.1	
Top1	698	0.87	0.17	NM_009408.1	
A230057G18Rik	480	0.87	0.09	XM_489103	
Pkd2	562	0.87	0.18	NM_008861.2	



4632427E13Rik	344	0.87	0.18		
Prpf31	57	0.87	0.12	NM_027328.2	
LOC217372	88	0.87	0.21	XM_126827.4	
BC061237	33	0.87	0.38		
C030027K23Rik	324	0.87	0.13	XM_127766.2	
1810031K17Rik	147	0.87	0.37	NM_026977.1	
Snx5	90	0.87	0.15	AK003091	
C1qtnf2	36	0.87	0.29	XM_126141.3	
BC037674	1334	0.87	0.10	NM_001004436	
Hnrph1	1470	0.87	0.10	NM_021510.1	
Col17a1	248	0.87	0.12	NM_007732.1	
6330408A02Rik	52	0.87	0.25	NM_177312.2	
Usp52	401	0.87	0.13	NM_133992.1	
Xrcc4	105	0.87	0.16	NM_028012.1	
B230312E02Rik	73	0.87	0.24	AK080817	
D030011O10Rik	105	0.87	0.07	NM_177192.2	
BB114266	185	0.87	0.18	NM_172763.1	
Cutl1	225	0.87	0.06	NM_198602.1	
Ncoa6ip	224	0.87	0.13	NM_054089.2	
Sh3bgrl2	478	0.87	0.14	NM_172507	
LOC385063	56	0.87	0.06	XM_358027.1	
LOC240110	43	0.87	0.24	XM_140042.4	
2310007G05Rik	584	0.87	0.34	AK009204	
4930438D12Rik	226	0.87	0.24	NM_175212.2	
Ush2a	236	0.87	0.11	AK020845	
8030462N17Rik	157	0.87	0.11	NM_178670	
Rbm41	100	0.87	0.19		
4933411D12Rik	176	0.87	0.22		
Ppp3cc	120	0.87	0.25	NM_008915.1	
Plekha4	47	0.87	0.06	NM_148927.1	
Rps6kb2	36	0.87	0.27	NM_021485.1	
Rps6kb1	38	0.87	0.16	NM_028259.1	
mKIAA1457	35	0.86	0.22	AK129364	
Apaf1	696	0.86	0.23	NM_009684.1	
Dnaja4	195	0.86	0.30	NM_021422.2	
Xpc	253	0.86	0.06	NM_009531.1	
LOC383022	45	0.86	0.13	XM_356802.1	
BC003332	305	0.86	0.07	NM_030260.1	
Pdzgef1	196	0.86	0.02	XM_203999.3	
Piga	770	0.86	0.15	AK014488	
Fbxo38	1167	0.86	0.11	NM_134136.1	
Slc8a1	396	0.86	0.11	AK048160	
BC055324	296	0.86	0.32		
5730410I19Rik	2767	0.86	0.05	NM_025666.1	
4930528A17Rik	43	0.86	0.22	AK015922	
Nav1	1401	0.86	0.10	NM_173437.1	
scl000057.1_28_F	3889	0.86	0.15		
scl0004175.1_57	384	0.86	0.24		
Tnk1	345	0.86	0.17	NM_031880.2	
Olfr419	47	0.86	0.16	NM_146715.1	
Npb	75	0.86	0.28	NM_153288.1	
Nt5e	769	0.86	0.05	NM_011851.2	
Skd3	48	0.86	0.16	AK049768	
Camsap1	273	0.86	0.20	XM_129375.4	
Secisbp2	124	0.86	0.21	XM_127336.2	
LOC277385	37	0.86	0.53	XM_205866.2	
D630023F18Rik	42	0.86	0.13	NM_175293.2	
4632411B12Rik	1796	0.86	0.11	NM_172652.1	
LOC268673	79	0.86	0.11	XM_193732.2	
Ampd2	111	0.86	0.28	NM_028779.3	
Gdi1	1884	0.86	0.03	NM_010273.1	
1190002A17Rik	51	0.86	0.48	XM_130050.2	
3930402G23Rik	75	0.86	0.27	XM_489221	
Cbfa2t3h	68	0.86	0.13	NM_009824	
Adcy5	170	0.86	0.17	XM_358801.1	
Myst4	163	0.86	0.19	NM_017479	
Siat7f	68	0.86	0.14	NM_016973.1	
E430018P19Rik	275	0.86	0.08	AK088497	

Akap1	301	0.86	0.01	NM_009648	
Rap2c	590	0.86	0.13	NM_172413.1	
Rap1ga1	1809	0.86	0.13	XM_149500	
1700129L13Rik	559	0.86	0.15	NM_026462.1	
Ctrl	50	0.86	0.36	NM_023182.1	
Snx25	430	0.86	0.04	XM_134171	
Laf4l	237	0.86	0.26	NM_033565.1	
Zfp451	1807	0.86	0.01	NM_133817.1	
Itga10	44	0.86	0.48	XM_112192	
Micall2	168	0.86	0.13		
Osbpl8	99	0.86	0.23	NM_175489.2	
Pak2	1717	0.86	0.23	XM_358817.1	
Adprt2	78	0.86	0.10	AK076193	
Ndr1	2966	0.86	0.12	NM_008681	
6030408C04Rik	252	0.86	0.26	XM_126912	
AA959934	91	0.86	0.22	NM_153167.1	
3930401E15Rik	4369	0.86	0.21	XM_128959.3	
Tpk1	139	0.86	0.13	NM_013861	
6530443I23Rik	49	0.86	0.08	AK032690	
BC062115	67	0.86	0.43		
Gm114	1249	0.86	0.11		
1700010C24Rik	53	0.86	0.11	NM_027401.1	
Timp2	1272	0.86	0.06	NM_011594.2	
A830011N18Rik	34	0.86	0.21	AK043603	
Usp14	328	0.86	0.21	AK042356	
Myo1d	66	0.86	0.01	NM_177390.2	
BC040758	60	0.86	0.08		
Gsr	2033	0.86	0.02	NM_010344.3	
2610016F04Rik	808	0.86	0.16	NM_025847.1	
Fancc	90	0.86	0.07	NM_007985	
A930038D06Rik	50	0.86	0.32	AK044739	
Myst3	50	0.86	0.21	XM_146248.3	
Olf1394	31	0.86	0.19	NM_146276.1	
Gmcl1	666	0.86	0.09		
2700084L06Rik	1327	0.86	0.17	NM_198164	
LOC381112	47	0.86	0.18	XM_355030.1	
A130010J15Rik	243	0.86	0.12	NM_181048.2	
Homez	31	0.86	0.03	NM_183174.1	
Abcc1	167	0.86	0.04	NM_008576	
4930415J21Rik	236	0.86	0.01	NM_177767.3	
C730046C01Rik	145	0.86	0.13	AK050411	
Cdh6	46	0.86	0.15	NM_007666.1	
7030409N11Rik	424	0.86	0.24	AK078583	
Dnmt2	34	0.86	0.22	NM_010067.2	
Pitpn	1664	0.86	0.16	NM_008850.1	
C030024F02Rik	30	0.86	0.36	AK081244	
C130021K03Rik	141	0.86	0.15	AK047916	
AL033314	848	0.86	0.07	NM_019776	
3830408G10Rik	264	0.86	0.11	XM_355676	
1500010G04Rik	143	0.86	0.15	NM_173366.1	
LOC277707	76	0.86	0.12	XM_204076.2	
Ndc80	388	0.86	0.09		
Ccnl	266	0.86	0.26	AK051380	
Olf1161	34	0.86	0.34	NM_146848.1	
Aldh3a2	1622	0.86	0.10	AK078243	
Zmpste24	1151	0.86	0.16	NM_172700.1	
Opa1	289	0.86	0.26	NM_133752	
7030401O21Rik	810	0.86	0.06	NM_198035.1	
E430023L22Rik	289	0.86	0.27	AK088688	
LOC245201	93	0.86	0.32	XM_142753.2	
Nthl1	54	0.86	0.16	NM_008743.1	
D5Ert585e	753	0.86	0.05	NM_027922.1	
4632415K11Rik	159	0.86	0.22	NM_028883.1	
NE	39	0.86	0.55	NM_015779	
C630002L24Rik	55	0.86	0.37	AK049836	
Lanc12	529	0.86	0.35	NM_133737	
Cldn7	51	0.86	0.09	NM_016887.2	
2900001O04Rik	1329	0.86	0.05	NM_026213.2	

Ripk2	65	0.86	0.28	NM_138952.1	
Ap3m1	190	0.86	0.10	NM_018829	
Lrrc4	54	0.86	0.29	NM_138682.1	
9130422G05Rik	352	0.86	0.16	NM_025782	
A830004L04Rik	103	0.86	0.19	AK043518	
6530405K19	259	0.86	0.07	NM_183021.1	
2900002G04Rik	1737	0.86	0.13	XM_136135.2	
LOC382137	40	0.86	0.44	NM_198675.1	
Axin2	498	0.86	0.29	NM_015732.3	
Sik2	125	0.86	0.08	NM_178710.3	
4933411K20Rik	1179	0.86	0.21	NM_025747.2	
Scml4	383	0.86	0.26	NM_172938.2	
Dusp4	862	0.86	0.07	NM_176933	
LOC381554	42	0.86	0.28	XM_110538.2	
Ddx52	1153	0.86	0.03	NM_030096.1	
Gpr142	95	0.86	0.14	NM_181749.1	
C430048L16Rik	62	0.86	0.24	XM_355471.1	
2700069A02Rik	1869	0.86	0.12	AK076066	
Cetn2	267	0.86	0.06	NM_019405.5	
Falz	248	0.86	0.27	XM_126724.4	
Six1	1687	0.86	0.14	NM_009189.1	
Rara	34	0.86	0.54	NM_009024.1	
Fbxo45	91	0.86	0.56	NM_173439.1	
LOC384593	33	0.86	0.32	XM_357733.1	
BC028975	262	0.86	0.29	NM_146254.1	
Ube2d1	44	0.86	0.34	NM_145420.1	
Bcan	80	0.86	0.12	NM_007529.1	
Atp5s	619	0.86	0.06	NM_026536.1	
Aldh1l2	3438	0.86	0.09		
Lypla1	1336	0.86	0.22	NM_008866.2	
Ing5	43	0.86	0.14	NM_029340.1	
4930566A11Rik	87	0.86	0.11	BC059014	
scl0001609.1_19	99	0.86	0.07		
2810408E11Rik	462	0.86	0.15	NM_029582	
Fosb	923	0.86	0.22	NM_008036	
Srgap2	87	0.86	0.15	NM_080448.2	
Mtmr1	830	0.86	0.22	NM_016985.1	
A530062K18Rik	136	0.86	0.10	AK041022	
C730026O12Rik	315	0.86	0.14	AK050208	
Atp6v1a1	2679	0.86	0.10	NM_007508.2	
Hnrpf	823	0.86	0.06	NM_133834	
4930417O22Rik	46	0.86	0.28	XM_488613	
E130112L06Rik	36	0.86	0.39	AK053591	
Smad2	899	0.86	0.18	NM_010754.2	
9630050A07Rik	88	0.86	0.22	AK036261	
HPBR114	85	0.86	0.21	AK046856	
E430029P19Rik	43	0.86	0.26	AK088889	
6330503C17Rik	137	0.86	0.28	XM_181410.4	
Dhx36	3183	0.86	0.08	NM_028136.1	
Capza1	285	0.86	0.26	NM_009797.1	
2410042D21Rik	675	0.86	0.16	NM_024254.2	
Pbef1	416	0.86	0.18	NM_021524.1	
2010015J01Rik	60	0.86	0.17	AK037305	
Egln1	388	0.86	0.02	NM_053207.1	
Ttll3	70	0.86	0.10		
Ggnbp1	100	0.86	0.12	NM_027544	
Fubp1	648	0.86	0.18	NM_057172.1	
scl000681.1_2	209	0.86	0.23		
Gpd2	2165	0.86	0.04	NM_010274.2	
LOC226135	849	0.86	0.05	XM_123422.2	
scl0002775.1_4	697	0.86	0.07		
scl0001869.1_367	5733	0.86	0.24		
Xpr1	127	0.86	0.04	NM_011273.1	
Anapc11	159	0.86	0.09	NM_025389.2	
Shkbp1	449	0.86	0.10	NM_138676.1	
scl000819.1_3	10065	0.86	0.07		
Adss	1091	0.86	0.06		
LOC208684	120	0.86	0.24	XM_156281.4	

LOC212399	552	0.86	0.19	XM_137003.2	
Fusip1	487	0.86	0.22	NM_010178.1	
Prkra	1024	0.86	0.26		
2610204L23Rik	1856	0.86	0.11	NM_026009.1	
Brsk2	62	0.86	0.10		
3110047P20Rik	53	0.86	0.03	XM_132047.3	
C030016K15Rik	80	0.86	0.09		
Pkd1	69	0.86	0.23	NM_013630.1	
Cars	102	0.86	0.08	NM_013742.2	
Sesn1	551	0.86	0.11	XM_125538.4	
Ccdc46	123	0.86	0.15		
Ganc	157	0.86	0.11		
C1qdc1	32	0.86	0.41	XM_132976.3	
AW210570	159	0.86	0.08	NM_025296.2	
Lmbr1	49	0.86	0.40	NM_020295	
B230206N24Rik	815	0.86	0.06	NM_172487	
Ralgds	127	0.86	0.31	NM_009058.1	
A730006E03Rik	32	0.86	0.35	AK042561	
Rad17	442	0.86	0.06	NM_011233.1	
Mbtps2	166	0.85	0.23	NM_172307.1	
5430405C01Rik	224	0.85	0.21	XM_138000.3	
2900055J20Rik	33	0.85	0.22		
Klk8	230	0.85	0.15	NM_008457.1	
Tbc1d15	2824	0.85	0.12	NM_025706.2	
D030028O16Rik	676	0.85	0.23	NM_145984	
LOC385871	186	0.85	0.22	XM_358979.1	
Tmem23	413	0.85	0.24	NM_144792.2	
Mbip	82	0.85	0.22	NM_145442.1	
Spna2	827	0.85	0.09	XM_359378.1	
4921513J16Rik	47	0.85	0.09		
Nln	315	0.85	0.13	NM_029447.1	
AA415817	97	0.85	0.22	NM_053181.1	
C230022N09Rik	35	0.85	0.29	AK082201	
Tbpl1	273	0.85	0.14	NM_011603.2	
4932416G22Rik	32	0.85	0.16	AK030034	
6330581L23Rik	231	0.85	0.09	NM_146185.1	
Birc4	40	0.85	0.39	NM_009688.1	
3110050L10Rik	42	0.85	0.17	AK014201	
Peci	283	0.85	0.08	NM_011868.1	
Lpin1	304	0.85	0.13	NM_015763	
LOC237781	34	0.85	0.32	XM_110964.2	
scl0001562.1_73	59	0.85	0.09		
Tsc1	57	0.85	0.14	AK083363	
Myo6	1323	0.85	0.19	NM_008662	
scl0001905.1_3	3867	0.85	0.24		
Zfp334	484	0.85	0.06	NM_178411	
1600014C10Rik	298	0.85	0.12	NM_028166	
Fnbp3	547	0.85	0.09	AK045207	
E130016E03Rik	1183	0.85	0.11	XM_485355	
1500001A10Rik	43	0.85	0.21	AK005085	
2310014L17Rik	50	0.85	0.18	XM_355858	
Elys	1912	0.85	0.22	NM_026375	
C530036F05Rik	290	0.85	0.08		
Gm592	413	0.85	0.15	NM_001004364	
Cul5	605	0.85	0.12	NM_027807	
scl000936.1_18	97	0.85	0.19		
1110046J11Rik	1916	0.85	0.15		
Dncl2b	152	0.85	0.20	NM_029297.1	
1500036D03Rik	244	0.85	0.28	AK005364	
AV312086	1163	0.85	0.06	NM_172635.1	
4833426H15Rik	485	0.85	0.08	AK014770	
Ulk1	1019	0.85	0.09	NM_009469.3	
4933424N09Rik	106	0.85	0.37	AK015831	
Syt12	50	0.85	0.04	NM_031394.1	
4933426L22Rik	2794	0.85	0.20	NM_027672.1	
Srcasm	370	0.85	0.13	XM_126629.2	
Nf1	64	0.85	0.16	NM_010897.1	
2700023B17Rik	2482	0.85	0.22	NM_025948.1	

AJ430384	655	0.85	0.13	NM_130880.1	
Camk4	263	0.85	0.11	NM_009793.1	
Fastkd2	83	0.85	0.07		
C530028O21Rik	31	0.85	0.74	NM_175696.2	
Snrk	890	0.85	0.13	NM_133741.1	
4933409K03Rik	253	0.85	0.26	XM_355251.1	
8430417B06Rik	35	0.85	0.56	AK033377	
Ssh3	131	0.85	0.07	NM_198113.1	
LOC332300	142	0.85	0.18	XM_288828.2	
Immt	1386	0.85	0.16	AK037930	
LOC381159	58	0.85	0.09	XM_355080.1	
2210023G05Rik	42	0.85	0.31	NM_197999.1	
Olfir702	44	0.85	0.20	NM_146597.1	
LOC381524	56	0.85	0.19	XM_358609.1	
Strbp	462	0.85	0.11	NM_009261.1	
Dmf1	688	0.85	0.16	AK030508	
Ncald	646	0.85	0.06	NM_134094	
scl0004176.1_159	1169	0.85	0.27		
Prdm2	1734	0.85	0.05	XM_204027.3	
5330432H08Rik	34	0.85	0.34	AK030565	
Pja2	1978	0.85	0.13	NM_144859.1	
Purg	98	0.85	0.12	NM_152821.1	
Rnf103	4138	0.85	0.16	NM_009543.1	
Rnf23	31	0.85	0.11	AK053507	
D330037H05Rik	507	0.85	0.16	XM_128090	
Hr	854	0.85	0.18	NM_021877.2	
C230075M21Rik	709	0.85	0.02		
Dync1i2	7197	0.85	0.15		
Casc3	2331	0.85	0.29	NM_138660.1	
Nptx2	603	0.85	0.64	NM_016789.2	
BC002230	220	0.85	0.15	NM_183155.1	
lqwd1	1409	0.85	0.14	XM_129604.2	
Ttll4	629	0.85	0.14	XM_129771	
D130035M05Rik	112	0.85	0.19	AK051333	
Tcerg1	1463	0.85	0.06	AK082750	
Zf	45	0.85	0.28	NM_145151.1	
F730031O20Rik	68	0.85	0.27	XM_283813.1	
Syncrip	1057	0.85	0.18	NM_019666	
BC030440	35	0.85	0.22	NM_173732.2	
Pex7	520	0.85	0.13	NM_008822.1	
Cuedc1	81	0.85	0.07	NM_198013.1	
Gmeb2	289	0.85	0.10	NM_198169.1	
Speer4d	49	0.85	0.26	NM_025759	
Ndr4	91	0.85	0.09	NM_145602.1	
9530056D24Rik	59	0.85	0.63		
scl0001356.1_58	603	0.85	0.15		
Heca	950	0.85	0.12		
C1galt1	733	0.85	0.17	NM_052993.2	
Cbl	94	0.85	0.19	NM_007619.1	
Otud7b	32	0.85	0.23		
scl0004185.1_201	45	0.85	0.38		
Shcbp1	167	0.85	0.18	NM_011369.1	
Mark1	247	0.85	0.23	NM_145515	
D330001D04Rik	84	0.85	0.30	AK052150	
scl0002916.1_10	63	0.85	0.49		
2810410P22Rik	434	0.85	0.22	NM_182994.1	
Traf6	583	0.85	0.30	NM_009424	
Kcns1	37	0.85	0.09	NM_008435.1	
Ubl3	2643	0.85	0.18	NM_011908.1	
AA792892	45	0.85	0.11	NM_178894	
Thrap2	92	0.85	0.22	NM_172424	
Dscr6	34	0.85	0.33	NM_133229.1	
Cog6	826	0.85	0.16	NM_026225.1	
Fndc3b	1164	0.85	0.12		
Zfp276	111	0.85	0.18	NM_020497.1	
2610528M18Rik	223	0.85	0.27	AK088680	
Nudt7	42	0.85	0.17	NM_024446.2	
Chk	75	0.85	0.10	AK052056	

Foxa2	77	0.85	0.30	NM_010446.1	
Fmn12	1064	0.85	0.09	BC048004	
5830434K11Rik	47	0.85	0.08	AK030864	
C530033G22Rik	38	0.85	0.17	AK083014	
1110054O05Rik	51	0.85	0.31	XM_485388	
C130040J23Rik	116	0.85	0.07		
LOC386179	57	0.85	0.54	XM_359105.1	
A130028J20Rik	197	0.85	0.22		
Calmbp1	389	0.85	0.18	NM_009791.2	
B230343B06Rik	32	0.85	0.17	AK046121	
Arrb1	34	0.85	0.15	NM_178220.2	
Pdcl	304	0.85	0.20	AK004704	
Sh3d1B	265	0.85	0.09	NM_011365.2	
4921524P20Rik	217	0.85	0.20	NM_026641.1	
Bmi1	1096	0.85	0.34	NM_007552	
1810015C04Rik	3615	0.85	0.05	NM_025459.2	
3110012E06Rik	335	0.85	0.07	AK014044	
Tgoln1	717	0.85	0.28	NM_009443.2	
E130105L11Rik	2120	0.85	0.21		
9230104M06Rik	44	0.85	0.17	AK033757	
Zhx2	107	0.85	0.50	NM_199449.1	
Map3k10	32	0.85	0.22	XM_194344.3	
Ghitm	676	0.85	0.10	NM_078478.1	
4632409L22Rik	45	0.85	0.12	NM_026046.1	
Olfir965	31	0.85	0.17		
Gprasp1	1152	0.85	0.09	NM_026081.3	
2310046K01Rik	103	0.85	0.27	NM_027172.1	
Kcnj6	50	0.85	0.05	AK081109	
Rngtt	641	0.85	0.13	NM_011884	
Zfx	1121	0.85	0.08	NM_011768	
Abhd4	280	0.85	0.10	NM_134076.1	
Hspa4	411	0.85	0.19	NM_008300.2	
C920004H05Rik	86	0.85	0.10	AK083320	
Slc45a4	411	0.85	0.17		
1300010F03Rik	80	0.85	0.16	XM_127737.3	
Ascl1	2800	0.85	0.20	NM_008553.2	
Fxyd6	3930	0.85	0.14	NM_022004.5	
Nxt2	4660	0.85	0.22	NM_172782.1	
Tle4	748	0.85	0.11	NM_011600.2	
1700105P06Rik	39	0.85	0.19	XM_129071.2	
LOC386139	44	0.85	0.05	XM_359089.1	
Klh5	35	0.85	0.30	NM_175174	
Invs	89	0.85	0.08	NM_010569.2	
Obfc1	286	0.85	0.19	NM_175360.2	
Tpp2	924	0.85	0.24	NM_009418.1	
Hpse	65	0.85	0.30	NM_152803.2	
Htr7	39	0.85	0.06	NM_008315.1	
FHOS2	44	0.85	0.14	NM_175276.3	
Nup98	181	0.85	0.01	NM_022979.1	
2610035D17Rik	527	0.85	0.23		
Rhox3	38	0.85	0.19		
Gtf2a1	49	0.85	0.29	NM_175335.1	
Usp28	160	0.85	0.16	NM_175482.3	
Cog7	387	0.85	0.06	XM_133861.3	
C330011F01Rik	130	0.85	0.19		
Cpd	185	0.85	0.23	NM_007754.1	
Peli1	237	0.85	0.06	AK020915	
Gcap14	608	0.85	0.10		
Slc27a4	118	0.85	0.16	NM_011989.1	
Ranbp9	972	0.85	0.16	NM_019930.1	
2610302F08Rik	37	0.85	0.39	AK011964	
B230399N07	85	0.85	0.26	XM_196334.3	
Narg1	327	0.85	0.20	NM_053089	
Tgoln2	661	0.85	0.23	NM_009444	
D330046C14Rik	45	0.85	0.25	AK084811	
Terf2	140	0.85	0.08	AK042508	
scl0002182.1_22	66	0.85	0.31		
MALT-1	62	0.85	0.11	AK045200	

C130008L17Rik	32	0.85	0.32	AK047852	
Nphp3	38	0.84	0.26	NM_028721	
BC023892	2009	0.84	0.12	XM_135029.3	
Rabgap1	1054	0.84	0.14	NM_146121.1	
LOC381170	32	0.84	0.14	XM_355093.1	
Mtcp1	52	0.84	0.26	NM_010839.2	
LOC327743	47	0.84	0.23	XM_282903.2	
LOC381016	37	0.84	0.56	XM_354922.1	
Zfp292	683	0.84	0.12	XM_355564	
LOC383189	1734	0.84	0.12	XM_356911.1	
5830472M02Rik	299	0.84	0.23	NM_181734.1	
Dgka	64	0.84	0.06	NM_016811.2	
Coro2a	59	0.84	0.34	NM_178893.2	
Gsdm1	671	0.84	0.02	NM_021347.2	
BC022645	103	0.84	0.14	NM_146228.2	
scl0003173.1_9	76	0.84	0.28		
Spag1	150	0.84	0.18	NM_012031.1	
1110001C23Rik	1363	0.84	0.23	AK003209	
B930036M14Rik	144	0.84	0.09	AK047215	
1110033L15Rik	46	0.84	0.21		
Spc25	1395	0.84	0.05		
Cpt1c	202	0.84	0.14	NM_153679	
Il16	32	0.84	0.32	NM_010551.1	
D430030M24Rik	102	0.84	0.07	AK085056	
scl0001550.1_29	193	0.84	0.21		
A1bg	38	0.84	0.02		
Axot	403	0.84	0.24	NM_020575.1	
Myo9a	36	0.84	0.28	XM_356161.1	
Ttc15	140	0.84	0.36	NM_178811	
scl0003168.1_6	191	0.84	0.47		
Plscr1	244	0.84	0.10	NM_011636.1	
Bcor1	72	0.84	0.03	NM_178782.3	
LOC228790	524	0.84	0.03	XM_149245.4	
Fem1c	666	0.84	0.13	NM_175117.2	
2810426P10Rik	139	0.84	0.14	XM_148728.1	
Srpk2	472	0.84	0.13	NM_009274	
Cklfsf6	640	0.84	0.08	NM_026036.1	
6230416J20Rik	694	0.84	0.17	NM_173400	
Mpp6	1046	0.84	0.02	NM_019939.1	
5730410E15Rik	861	0.84	0.16	NM_178765.2	
Esco1	340	0.84	0.41		
Armcx5	547	0.84	0.19		
LOC386146	54	0.84	0.26	XM_359092.1	
Brd1	1182	0.84	0.04	XM_128275.4	
Sca10	733	0.84	0.03	NM_016843	
5033421J10Rik	1962	0.84	0.18		
Dclre1c	67	0.84	0.27	NM_146114.1	
Yme1l1	420	0.84	0.23	NM_013771.2	
Rbbp2	149	0.84	0.08	AK046187	
LOC228862	52	0.84	0.16	XM_130649.2	
Add1	526	0.84	0.03	NM_013457	
5830426I05Rik	298	0.84	0.17	NM_133762	
6330411E07Rik	145	0.84	0.29		
LOC240672	161	0.84	0.13	XM_140740.3	
Fosl1	40	0.84	0.27	NM_010235.1	
Arl4c	808	0.84	0.04		
Irs4	398	0.84	0.21	NM_010572.1	
Fads2	405	0.84	0.19	NM_019699.1	
Usp6nl	456	0.84	0.09	NM_181399.2	
D430036N24Rik	260	0.84	0.22		
Wsb1	1884	0.84	0.26	NM_019653.2	
scl0003876.1_26	134	0.84	0.34		
LOC381305	45	0.84	0.51	XM_355250.1	
A930021K20Rik	117	0.84	0.28	AK044548	
6030411K04Rik	439	0.84	0.16	XM_486150	
2610024E20Rik	1128	0.84	0.05	NM_146084	
Wdr9	435	0.84	0.05	NM_145125	
Esrrb	34	0.84	0.28	NM_011934.2	

Cnga1	70	0.84	0.02	NM_007723.1
Vps35	5275	0.84	0.10	NM_022997
4930402H24Rik	91	0.84	0.20	NM_029432
Rcor1	208	0.84	0.29	NM_054048.1
Birc1e	618	0.84	0.02	NM_010870.1
2410006F04Rik	32	0.84	0.21	AK019107
Stam	159	0.84	0.26	NM_011484.2
2600011C06Rik	68	0.84	0.21	NM_027349.1
5330439J01Rik	401	0.84	0.18	NM_175407
Pacsin1	420	0.84	0.05	NM_011861.1
Irf6	653	0.84	0.06	NM_016851.1
LOC386186	44	0.84	0.06	XM_359110.1
A130072J07Rik	266	0.84	0.01	AK038024
scl0002275.1_1	118	0.84	0.19	
Jmjd2c	615	0.84	0.10	NM_144787.1
Klh2	63	0.84	0.23	NM_178633.1
2700045K19Rik	3601	0.84	0.05	AK012378
6620401M08Rik	34	0.84	0.36	XM_489178
3110010F15Rik	88	0.84	0.16	NM_026067.2
Kif4	848	0.84	0.20	NM_008446.1
Scnn1g	62	0.84	0.36	NM_011326.1
Ranbp2	146	0.84	0.34	AK051984
Dnm1l	918	0.84	0.22	NM_152816.1
1200008O12Rik	218	0.84	0.14	NM_028760.1
D030069G17Rik	106	0.84	0.19	AK051094
Cdc37	151	0.84	0.05	NM_016742.2
LOC382111	160	0.84	0.27	XM_356198.1
Dirc2	63	0.84	0.29	NM_153550.2
Olfir270	47	0.84	0.11	NM_146607.1
5730466H23Rik	542	0.84	0.04	NM_026576
Malt1	54	0.84	0.15	NM_172833.1
Hist1h1c	1568	0.84	0.22	NM_015786
Smarca2	959	0.84	0.15	NM_011416
Manea	667	0.84	0.18	NM_172865.2
Bhlhb9	3668	0.84	0.03	NM_198161.1
Zbtb1	49	0.84	0.30	NM_178744
Ypel1	254	0.84	0.09	NM_023249.2
9130423L19Rik	49	0.84	0.29	NM_133906.3
9530076I17Rik	73	0.84	0.27	AK035608
Socs6	255	0.84	0.13	NM_018821.2
LOC381873	90	0.84	0.35	XM_355885.1
Trpc4ap	1532	0.84	0.07	NM_019828.1
B430210E12Rik	227	0.84	0.36	AK046622
Idi1	120	0.84	0.32	NM_145360
Cdk8	777	0.84	0.13	NM_181570.1
Optn	257	0.84	0.16	NM_181848.3
Slc38a3	464	0.84	0.13	NM_023805.2
A430107J06Rik	186	0.84	0.06	NM_207633.1
Rg9mtd2	905	0.84	0.09	NM_175389.2
4732465J09Rik	131	0.84	0.29	XM_356161
9030612K14Rik	2573	0.84	0.06	XM_148116.1
Phf16	91	0.84	0.12	NM_199317.1
LOC385855	384	0.84	0.16	XM_358974.1
Hist2h2bb	161	0.84	0.09	NM_175666.1
Lincr	157	0.84	0.19	NM_153408.1
9530082I15Rik	307	0.84	0.24	AK035657
2410015C20Rik	36	0.84	0.19	XM_131053
scl000548.1_6	30	0.84	0.30	
6430595O10Rik	1225	0.84	0.16	XM_356596
Ift81	1653	0.84	0.13	
D030038A19Rik	194	0.84	0.43	AK083512
9430091F09Rik	117	0.84	0.14	AK035122
EG546325	35	0.84	0.42	
4732480K10Rik	35	0.84	0.09	AK029003
LOC385658	115	0.84	0.27	XM_358860.1
D230014K01Rik	32	0.84	0.13	AK084254
Garnl4	2452	0.84	0.19	
Atf6	113	0.84	0.26	XM_129579



Eif2ak3	204	0.84	0.08	AK010397	
Topors	1709	0.84	0.16	NM_134097.2	
4933401P20Rik	33	0.84	0.15	AK016608	
Stx7	3937	0.84	0.08	NM_016797.2	
1700113H08Rik	202	0.84	0.19	XM_354556.1	
Sec23b	328	0.84	0.23	NM_019787.2	
5730420E01Rik	67	0.84	0.37	AK077483	
9930111A01Rik	46	0.84	0.19	AK037084	
Ypel4	78	0.84	0.15		
Vdp	1777	0.84	0.16	NM_019490.1	
Aifm3	39	0.84	0.10		
Kbtbd8	140	0.84	0.20		
E030025L21Rik	114	0.84	0.50	NM_207531	
Als2cr13	1774	0.84	0.09	NM_001003946	
Ctdspl2	405	0.84	0.31		
BC010304	2695	0.84	0.04	XM_127326.3	
LOC383371	48	0.84	0.23	XM_357015.1	
5330430C04Rik	63	0.84	0.15	NM_030077.1	
E130007O11Rik	48	0.84	0.30	AK087403	
D5Erttd110e	178	0.84	0.27	NM_133910.2	
Eef2k	65	0.84	0.18	NM_007908.2	
scl0002623.1_73	39	0.84	0.30		
Ppp1cb	2231	0.84	0.22	NM_172707.1	
Olf910	54	0.84	0.11	NM_146811.1	
Pcdha6	117	0.84	0.17	NM_007767.1	
Tm9sf2	118	0.84	0.39	NM_080556.2	
Tigd3	60	0.84	0.15	NM_198634.1	
LOC270174	49	0.84	0.15	XM_194467.3	
Fyn	54	0.84	0.10	NM_008054.1	
D430019H16Rik	243	0.84	0.16		
Zfp114	37	0.83	0.04	XM_149897.3	
BC065397	35	0.83	0.28		
Rock1	797	0.83	0.23	NM_009071.1	
4932415G12Rik	339	0.83	0.11	NM_026339.1	
Spnb2	248	0.83	0.16	NM_009260.1	
D630041K24Rik	94	0.83	0.10	AK085566	
Al314180	1310	0.83	0.39	NM_172381	
Usp15	106	0.83	0.07	NM_027604	
1810022O10Rik	160	0.83	0.06	XM_145521	
Hs1bp3	110	0.83	0.16	NM_021429.1	
Snx9	229	0.83	0.13	NM_025664.2	
Xpo7	101	0.83	0.24	NM_023045.1	
0610038K03Rik	33	0.83	0.30	NM_026701.2	
Rapgef4	742	0.83	0.11	NM_019688.1	
LOC223586	345	0.83	0.14	XM_128266.4	
Cyp39a1	45	0.83	0.37	NM_018887.2	
9130415E20Rik	1821	0.83	0.27	NM_175169.2	
Wwp1	325	0.83	0.19	XM_130163	
LOC385825	1127	0.83	0.06	XM_358960.1	
Orc3l	430	0.83	0.26	NM_015824.2	
Zfp68	760	0.83	0.19	NM_013844.1	
BC022765	349	0.83	0.26	NM_146026.1	
B930062P21Rik	144	0.83	0.17	NM_178789.2	
C130007P11Rik	47	0.83	0.23	AK081342	
Col1a1	147	0.83	0.36	NM_007742.2	
D330037A04Rik	91	0.83	0.12	AK084734	
Hcr	34	0.83	0.25	NM_146248	
9530048I18Rik	74	0.83	0.08	AK079240	
2810409K11Rik	73	0.83	0.24	XM_133164.3	
Ccdc132	662	0.83	0.11		
scl0001644.1_2	100	0.83	0.34		
Sez6l2	247	0.83	0.23		
D8Erttd531e	61	0.83	0.27	NM_033560.2	
Arid5b	203	0.83	0.14	NM_023598	
1700081L11Rik	94	0.83	0.04	XM_109700	
1700013G10Rik	118	0.83	0.09	XM_193728.3	
Wwp2	174	0.83	0.18		
A130032P05Rik	52	0.83	0.18	AK037644	

9030203C11Rik	59	0.83	0.05	NM_177277.2	
St5	1392	0.83	0.10	NM_029811.1	
Sntb2	43	0.83	0.20	NM_009229.2	
D330020F13Rik	54	0.83	0.25	AK052282	
scl0003377.1_167	234	0.83	0.06		
Etv1	1087	0.83	0.07	NM_007960.1	
Mttr2	340	0.83	0.16	BC063050	
E430003D02Rik	2461	0.83	0.38	AK088068	
8430415N23Rik	1397	0.83	0.24		
Acly	6815	0.83	0.12	NM_134037.2	
LOC381892	31	0.83	0.10	XM_358673.1	
Usp24	743	0.83	0.09	XM_131566.5	
4632417K02	617	0.83	0.20	NM_177583.2	
Acbd5	115	0.83	0.39	NM_028793.1	
Smarcal1	286	0.83	0.11	NM_018817.1	
0610010F05Rik	845	0.83	0.25	XM_203572.3	
5830434P21Rik	2389	0.83	0.16	NM_172661.2	
Rbmx	469	0.83	0.09	NM_011252	
L3mbt3	92	0.83	0.07	NM_172787	
2900054C01Rik	119	0.83	0.14		
Minpp1	93	0.83	0.11	NM_010799.1	
C87436	504	0.83	0.09	NM_146170.2	
Ppp1cc	389	0.83	0.08	NM_013636.2	
Ubt2	170	0.83	0.11		
BC031353	956	0.83	0.20	NM_153584.1	
Rb1	119	0.83	0.41	NM_009029.1	
LOC231241	241	0.83	0.08	XM_124512.2	
4930432O21Rik	386	0.83	0.23	XM_128440	
LOC382009	42	0.83	0.15	XM_356075.1	
5730419I09Rik	237	0.83	0.08	NM_029081.1	
9530061L16Rik	38	0.83	0.12	AK079256	
9130011J04Rik	505	0.83	0.20		
LOC243617	43	0.83	0.14	XM_144987.3	
Arid1a	1276	0.83	0.01	NM_033566.1	
2810453K03Rik	960	0.83	0.21	NM_144517.2	
BC011468	357	0.83	0.15	NM_144847.1	
Tmc4	653	0.83	0.09	NM_181820	
5730454B08Rik	54	0.83	0.37	NM_144530.3	
Ddef1	177	0.83	0.12	NM_010026.1	
Ankrd6	134	0.83	0.15	NM_080471.2	
Slc17a5	290	0.83	0.09	NM_172773.1	
9330164J24Rik	46	0.83	0.18		
Mnab	238	0.83	0.22	XM_130233.3	
LOC381180	79	0.83	0.33	XM_355106.1	
IGKV6-15_Y15976	43	0.83	0.10		
AA589507	31	0.83	0.09	XM_134412.3	
Dcp1a	219	0.83	0.14		
Blm	578	0.83	0.09	NM_007550.2	
Zfp281	538	0.83	0.07	NM_177643.2	
Tnks	101	0.83	0.31	NM_175091.2	
D130011J22Rik	40	0.83	0.10	AK051175	
Stk3	278	0.83	0.12	NM_019635.1	
Rab11fip4	40	0.83	0.33	NM_175543	
Gprc6a	32	0.83	0.41	NM_153071.1	
Shprh	387	0.83	0.24	NM_172937	
Neil1	61	0.83	0.18	NM_028347.1	
Asb8	5396	0.83	0.05	NM_030121.2	
Arrdc2	47	0.83	0.25	XM_134227.3	
Acsl4	264	0.83	0.29	NM_207625.1	
Mbtd1	206	0.83	0.25	NM_134012	
Slc35a3	142	0.83	0.15	AK082040	
1600010D10Rik	75	0.83	0.19		
Nudt11	7882	0.83	0.10	NM_021431.1	
Aatk	2323	0.83	0.19	NM_007377.1	
D330038O06	111	0.83	0.10	NM_177899	
LOC229274	122	0.83	0.25	XM_124040.3	
Dcun1d4	1379	0.83	0.20		
Abcd3	939	0.83	0.14	NM_008991.1	

LOC384475	464	0.83	0.24	XM_132789.4	
9130215G10Rik	222	0.83	0.17		
Ppp1r16a	151	0.83	0.10	NM_033371.1	
Gk5	36	0.83	0.14		
4933416C03Rik	49	0.83	0.22		
Siat10	242	0.83	0.16	AK006263	
Nssr	435	0.83	0.28	AK014345	
C80879	899	0.83	0.04	NM_011931	
Arcn1	276	0.83	0.46	NM_145985.2	
EG623661	36	0.83	0.34		
D830014B20Rik	290	0.83	0.10	AK085821	
Ppp2r2a	56	0.83	0.26	XM_127816.4	
LOC380928	153	0.83	0.18	XM_354836.1	
V1re1	30	0.83	0.22	NM_134190.1	
6330417E04Rik	32	0.83	0.57	AK031844	
Zfp27	452	0.83	0.07	NM_011754.1	
Sv2a	238	0.83	0.15	NM_022030.2	
Ppm2c	776	0.83	0.15		
E030027H19Rik	189	0.83	0.09	NM_133974.1	
BC065120	193	0.83	0.24	NM_183208.2	
LOC384327	69	0.83	0.13	XM_357573.1	
E330001L02Rik	112	0.83	0.33	AK054244	
C130035G06Rik	251	0.83	0.13	XM_207385.3	
CKLF5	34	0.83	0.24	AF401531	
Metap1	159	0.83	0.07	NM_025633.1	
Slc25a16	1155	0.83	0.24	NM_175194.2	
D330016G23Rik	70	0.83	0.23	AK084573	
Krt20	85	0.83	0.24	NM_023256.1	
9330200H04Rik	294	0.83	0.11	AK034497	
2810423A18Rik	4137	0.83	0.10		
BC067068	242	0.83	0.18	NM_207522.1	
Vipr2	50	0.83	0.43	NM_009511.1	
Bcor	490	0.83	0.05	NM_175044.1	
B230312L03Rik	31	0.83	0.44	AK045826	
3110038B19Rik	53	0.83	0.43	AK014139	
Bcl9l	50	0.83	0.10	NM_030256.1	
Hus1	487	0.83	0.15	NM_008316.2	
B230337C21Rik	51	0.83	0.20	AK046037	
Evl	528	0.83	0.35	NM_007965.2	
Nr5a2	30	0.83	0.34	NM_030676.1	
Ankrd13c	31	0.83	0.13		
Epm2aip1	453	0.83	0.14	NM_175266.2	
Zfp61	44	0.83	0.31	NM_009561.1	
scl000528.1_16	392	0.83	0.22		
Zdhhc21	813	0.83	0.21	NM_026647.2	
Zfyve26	315	0.83	0.17	XM_127031.3	
Sfxn3	32	0.83	0.14	NM_053197.2	
9430088N01Rik	193	0.83	0.09		
Fyco1	297	0.83	0.17	NM_148925.1	
D630011D02Rik	34	0.83	0.24	AK052644	
5730533P17Rik	748	0.83	0.07	XM_283206.2	
4432411E13Rik	712	0.83	0.23	XM_196130.3	
Rnf123	132	0.83	0.13	NM_032543	
scl000392.1_7	192	0.83	0.23		
Wdr7	364	0.83	0.07	XM_140391.3	
E430016J11Rik	242	0.83	0.15		
Oazin	98	0.83	0.33	NM_018745.2	
scl000967.1_138	33	0.83	0.08		
A230072I16Rik	93	0.83	0.22	NM_175004.1	
Tcf2	50	0.83	0.21	NM_009330.1	
4930562C03Rik	96	0.82	0.04	XM_134612	
LOC381157	162	0.82	0.20	XM_355079.1	
1110032D12Rik	613	0.82	0.10	NM_019770.1	
Stx12	1234	0.82	0.29	NM_133887.2	
Pgm3	56	0.82	0.27	NM_028352.2	
Tmem98	30	0.82	0.43		
Atrn	85	0.82	0.15	NM_009730.1	
D430025H09Rik	129	0.82	0.12	NM_145616.2	

Cyp2c55	248	0.82	0.13	NM_028089.1	
2410002O22Rik	443	0.82	0.21	NM_025879	
D2Ert485e	90	0.82	0.25	NM_212450	
4931403E03Rik	59	0.82	0.23	XM_144060.2	
BC027246	263	0.82	0.27	XM_355947.1	
A130014O09Rik	42	0.82	0.22	AK037401	
A730089K16Rik	35	0.82	0.51	NM_177156.2	
6720477C19Rik	472	0.82	0.02		
Abr	80	0.82	0.09	NM_198018.1	
C330006M04Rik	36	0.82	0.05	AK049139	
A230090H19Rik	106	0.82	0.12	AK039051	
LOC244189	97	0.82	0.50	XM_145876.3	
Tmem34	277	0.82	0.24	NM_145599.2	
1810038H16Rik	436	0.82	0.09	NM_026193.1	
Trf	16484	0.82	0.12	NM_133977.1	
LOC380954	96	0.82	0.08	XM_354863.1	
4631427C17Rik	409	0.82	0.21	NM_021414.2	
Tmem56	2146	0.82	0.24		
Jam3	45	0.82	0.41	NM_023277.1	
Tde2	6325	0.82	0.10	NM_019760	
Wwc1	82	0.82	0.37		
scl0326621.17_96	90	0.82	0.14		
A930006D11	53	0.82	0.14	NM_177790.2	
5830433M19Rik	37	0.82	0.48	NM_026368.1	
Rab39	67	0.82	0.35	NM_175562.2	
Txnrd1	381	0.82	0.37	NM_015762.1	
Uox	41	0.82	0.28	NM_009474.3	
Txndc1	325	0.82	0.05	NM_028339.1	
Rapgef6	195	0.82	0.07	XM_484024	
AU019823	346	0.82	0.11		
E130203M01	46	0.82	0.25	XM_136183.3	
Rtp1	2366	0.82	0.12		
LOC380958	81	0.82	0.15	XM_354868.1	
Papola	735	0.82	0.19	NM_011112	
D130027H15Rik	32	0.82	0.06	AK083864	
A130033H05Rik	56	0.82	0.05	AK037652	
Map3k2	42	0.82	0.37	NM_011946.1	
4921517J08Rik	46	0.82	0.17	AK014910	
Xpo4	131	0.82	0.26	NM_020506.1	
Dnajc6	4480	0.82	0.15	NM_198412	
Myt1	2535	0.82	0.09	NM_008665.2	
Slc23a3	390	0.82	0.29	NM_194333.2	
Ythdf3	413	0.82	0.23	NM_172677.2	
LOC381151	182	0.82	0.19	XM_355074.1	
2810013E07Rik	93	0.82	0.33	NM_178112	
BC023754	299	0.82	0.08	XM_148895	
C130057N11Rik	154	0.82	0.13		
4930515K21Rik	99	0.82	0.15	AK015797	
Gas2l3	563	0.82	0.19	XM_137276	
9830004G04Rik	45	0.82	0.20	AK036390	
D630014A15Rik	800	0.82	0.06		
Nfasc	76	0.82	0.06	NM_182716.2	
Gpr137b	126	0.82	0.04		
4933406P04Rik	74	0.82	0.13		
Lgi1	1205	0.82	0.06	NM_020278.2	
BC025458	39	0.82	0.07	XM_131867.4	
2210404D11Rik	517	0.82	0.08	NM_178397.2	
Pde7a	134	0.82	0.13	NM_008802	
LOC230891	32	0.82	0.25	XM_144114.2	
Atp8b2	81	0.82	0.15	XM_283873.2	
Arid1b	36	0.82	0.15	XM_139711	
Phip	44	0.82	0.17	XM_358384	
5730550L01Rik	53	0.82	0.25	AK017827	
Grb14	52	0.82	0.19	NM_016719.1	
Ccne2	3879	0.82	0.35	NM_009830.1	
LOC380616	371	0.82	0.16	XM_358355.1	
E330018D03Rik	545	0.82	0.21	NM_177133.1	
Stk33	84	0.82	0.07	XM_358897	

9430088F20	122	0.82	0.11	XM_131741.3	
D630024O11Rik	50	0.82	0.31	AK085436	
Gtdc1	225	0.82	0.03		
Dsg2	709	0.82	0.04	NM_007883	
D430007J11Rik	118	0.82	0.22	AK084902	
Eif3s1	62	0.82	0.18	NM_144545	
Aldr16	65	0.82	0.34	NM_019977.2	
A930002I21Rik	36	0.82	0.31	NM_175410.3	
Ash1l	71	0.82	0.25	NM_138679.2	
Nono	106	0.82	0.32	NM_023144	
6.33051E+19	176	0.82	0.17		
Nat2	81	0.82	0.12	NM_010874	
Kns2	1568	0.82	0.08	NM_008450	
Adamts2	466	0.82	0.03	NM_175643.1	
Rmnd5b	73	0.82	0.18		
Erbp2ip	210	0.82	0.29	XM_358312.1	
4631402N15Rik	31	0.82	0.21	NM_173782.2	
Asgr1	1642	0.82	0.20	NM_009714.1	
B130008E12Rik	30	0.82	0.35	XM_137316.4	
Ikkg	513	0.82	0.14	NM_010547	
Ube2d3	609	0.82	0.21	NM_025356	
Atbf1	928	0.82	0.06	NM_007496.1	
1300003K24Rik	699	0.82	0.23	NM_027900.2	
LOC226548	34	0.82	0.10	XM_129583.1	
Gabrb3	1889	0.82	0.04	NM_008071	
B230215E14Rik	30	0.82	0.31	AK045609	
Mcm6	4469	0.82	0.20	NM_008567.1	
4933403O12Rik	31	0.82	0.13	AK016645	
1300007O09Rik	342	0.82	0.15	XM_125817	
Arp3b	73	0.82	0.26	NM_001004365	
LOC243428	35	0.82	0.27	XM_144778.1	
Al481500	499	0.82	0.26	NM_133901.1	
Sgol2	2642	0.82	0.17	XM_355200.1	
Pdzk6	107	0.82	0.19	NM_175515	
LOC381678	249	0.82	0.26	XM_355653.1	
Zfp71-rs1	42	0.82	0.24	NM_145622.1	
BC065123	1397	0.82	0.24	NM_172576.1	
Hspa5	350	0.82	0.18	NM_022310.2	
Arl6ip2	563	0.82	0.18	NM_178050.2	
D630026G14Rik	41	0.82	0.27	AK052698	
1110037N09Rik	297	0.82	0.14	XM_127279.4	
Wdr41	42	0.82	0.22	NM_172590.1	
D9Wsu20e	1017	0.82	0.12	NM_133718	
Npdc1	125	0.82	0.18	NM_008721.2	
1810060J02Rik	502	0.82	0.05	NM_025911.1	
Col2a1	56	0.82	0.08	NM_031163	
Magee1	3288	0.82	0.11	NM_053201.2	
E430026C09Rik	3245	0.82	0.19	AK088798	
C630044O20Rik	179	0.82	0.06	AK049999	
LOC382864	69	0.82	0.29	XM_356716.1	
Olf112	51	0.82	0.22		
scl00238693.1_37	88	0.82	0.26		
Aldh8a1	214	0.82	0.10	NM_178713.3	
6330516O17Rik	377	0.82	0.22	NM_029531.1	
D330013L20Rik	80	0.82	0.25	NM_199300.1	
Pcyt1b	266	0.82	0.10	NM_211138.1	
Polr3f	52	0.82	0.26	NM_027417.1	
BC004636	192	0.82	0.17	NM_145524.1	
2810427I04Rik	55	0.82	0.16	NM_028146.1	
2810431I02Rik	354	0.82	0.01		
LOC208414	256	0.82	0.31	XM_141606.4	
B130017M24Rik	96	0.82	0.20	AK044984	
scl0002056.1_30	49	0.82	0.33		
Prkag2	162	0.82	0.13		
A230103N10Rik	2131	0.82	0.21	XM_203423.3	
Gm1322	39	0.82	0.21		
1500005P14Rik	37	0.82	0.17	XM_133283.4	
LOC192758	95	0.82	0.17	XM_109622.2	

AA407270	268	0.82	0.07		
Pecr	105	0.82	0.14	NM_023523.3	
Eef2	4167	0.82	0.17	NM_007907.1	
D9Erttd280e	1387	0.82	0.21	NM_177775.2	
0710008K06Rik	67	0.82	0.09	AK003047	
Prdm6	68	0.82	0.44		
1190008K20Rik	42	0.82	0.23	AK028012	
Oxt	61	0.82	0.12	NM_011025.2	
Yars	155	0.82	0.24	NM_134151.2	
2700038I16Rik	622	0.82	0.27	BC061032	
A430106J12Rik	247	0.82	0.26	NM_176841.2	
2610301N02Rik	155	0.82	0.28		
Phf12	178	0.82	0.16	NM_174852.2	
Cct5	198	0.82	0.05	NM_007637.1	
2410152H17Rik	34	0.82	0.25	AK010813	
Tyk2	155	0.82	0.02	NM_018793.1	
BC036961	46	0.82	0.31	XM_357399.1	
C430014K22Rik	152	0.82	0.27	AK049456	
Al836003	82	0.82	0.19	NM_177716.1	
Lipn	367	0.82	0.08		
LOC382262	115	0.82	0.26	XM_358723.1	
Atr	1180	0.82	0.32	XM_356175.1	
Zmynd11	481	0.82	0.04	NM_144516	
Foxa1	3553	0.82	0.11	NM_008259.1	
Osbpl9	4673	0.82	0.10	NM_133885.1	
B430007K19Rik	86	0.82	0.15		
B930062M22Rik	166	0.82	0.13	AK047435	
Kif1c	37	0.81	0.28	AK029250	
Olf952	34	0.81	0.34	NM_146503.1	
LOC383850	46	0.81	0.30	XM_357292.1	
Ube3a	120	0.81	0.17	NM_173010.1	
Rab6ip1	798	0.81	0.07	NM_021494.1	
Zfp647	49	0.81	0.15	NM_172817.1	
Sgol1	159	0.81	0.08	NM_028232.1	
Chd5	211	0.81	0.05	XM_196334	
C330005L02Rik	760	0.81	0.23	NM_138756.2	
Map3k7	222	0.81	0.12	BC006665	
1700020D05Rik	31	0.81	0.31	NM_023781.3	
Ak3	691	0.81	0.03		
Edg5	35	0.81	0.14	NM_010333	
Cxxc6	140	0.81	0.29	XM_125673.2	
Polq	71	0.81	0.15	NM_029977.1	
Wdr60	117	0.81	0.27		
Rasa4	59	0.81	0.06	XM_355650	
4930578F03Rik	208	0.81	0.13	XM_485055	
Al661438	180	0.81	0.08	NM_178914.3	
Inpp1	3483	0.81	0.22	NM_010567.1	
Spg20	181	0.81	0.26	NM_144895	
Gm440	728	0.81	0.06	NM_198620.1	
2610024H22Rik	4394	0.81	0.13		
Zfp142	66	0.81	0.02	XM_484882	
B230312A22Rik	222	0.81	0.17	NM_172691.1	
LOC381941	37	0.81	0.35	XM_355965.1	
2410018I08Rik	188	0.81	0.27	NM_177561.2	
Sh3gl2	456	0.81	0.17	NM_019535.2	
Gbp1	1750	0.81	0.16		
Taf5	218	0.81	0.15	NM_177342.2	
2900024P20Rik	109	0.81	0.02	XM_484214	
St3gal4	37	0.81	0.49		
4932408F19Rik	398	0.81	0.05	NM_207225.1	
Odf2	63	0.81	0.13	BC057001	
BC004701	161	0.81	0.13	NM_146235	
Tcf12	257	0.81	0.21	AK078415	
Eya1	634	0.81	0.23	NM_010164	
Ptk9	163	0.81	0.13	NM_008971.2	
AW494914	163	0.81	0.12	NM_198942.1	
5330417K06Rik	87	0.81	0.07	NM_172457.1	
LOC235497	85	0.81	0.14	XM_134917.5	

4921537D05Rik	1799	0.81	0.19	NM_029852.1	
Slc12a6	326	0.81	0.06	NM_133648	
Syap1	2259	0.81	0.02	NM_025932.1	
2410004B18Rik	80	0.81	0.08	NM_025555.1	
LOC385461	426	0.81	0.06	XM_358241.1	
Hoxd8	1427	0.81	0.15	XM_355338.1	
Pcdhb12	100	0.81	0.11	NM_053137.1	
Acadsb	930	0.81	0.21	NM_025826	
Pi4k2b	350	0.81	0.04	NM_025951.1	
H2-DMa	33	0.81	0.23	NM_010386	
Lrpprc	671	0.81	0.27	NM_028233.1	
Hmgcs1	4453	0.81	0.42	NM_145942.2	
4932442K20Rik	582	0.81	0.05	NM_178854.2	
Alms1	361	0.81	0.16	XM_358366.1	
2210418G03Rik	42	0.81	0.10	XM_355173.1	
AW456874	450	0.81	0.12	NM_207232.1	
LOC209281	209	0.81	0.27	XM_140715.2	
C330042K07Rik	232	0.81	0.18	AK082850	
Zfp101	259	0.81	0.12	NM_009542.1	
A430085C19	34	0.81	0.49	NM_177830.2	
E030003O11Rik	82	0.81	0.01	AK086837	
LOC231151	54	0.81	0.02	XM_132031.3	
Mcf2l	453	0.81	0.01	AK082849	
Slc38a2	1606	0.81	0.08	NM_175121.3	
Al467484	247	0.81	0.09	NM_178883.3	
Nfat5	448	0.81	0.11	NM_133957.2	
Rs1h	36	0.81	0.20	NM_011302.3	
B830007D08Rik	276	0.81	0.20	XM_150222.1	
D330034M21Rik	50	0.81	0.24	AK084708	
D1Erttd251e	762	0.81	0.11	NM_030245.2	
Syt9	328	0.81	0.13	NM_021889.2	
C130033B18Rik	4507	0.81	0.30	AK048072	
BC050811	64	0.81	0.23	NM_178418.2	
Dnmbp	46	0.81	0.22	NM_028029.1	
Bpgm	40	0.81	0.11	AK037239	
4732426B21Rik	88	0.81	0.05	AK028648	
Dld	242	0.81	0.17	AK014092	
Gna12	579	0.81	0.22	NM_010302.1	
B430109P06Rik	111	0.81	0.25	AK046584	
Chfr	910	0.81	0.16	NM_172717.1	
5330417C22Rik	229	0.81	0.16	XM_203978.3	
A230042K10Rik	51	0.81	0.32	NM_177622.2	
Nab1	937	0.81	0.06	NM_008667.2	
Rbm14	66	0.81	0.26	NM_019869.1	
Ddx10	115	0.81	0.16	AK045032	
Papd4	527	0.81	0.07	NM_133905.1	
D330017J20Rik	36	0.81	0.32	NM_177204	
Slc20a1	72	0.81	0.06	AK084159	
4933408N02Rik	125	0.81	0.16	NM_144533.1	
D930036F22Rik	234	0.81	0.31	NM_177171.3	
4732486I23Rik	530	0.81	0.17	XM_130565.3	
Al450757	72	0.81	0.29	NM_172592.1	
Mbnl2	2713	0.81	0.21	NM_207515.1	
Efhc1	70	0.81	0.14	XM_129694.3	
Ahcy1	2036	0.81	0.13	NM_145542	
Arrdc3	358	0.81	0.22	NM_178917.2	
C630016B22Rik	52	0.81	0.09	NM_172051	
Ocln	146	0.81	0.10	NM_008756.2	
Col4a3bp	169	0.81	0.13	AK012989	
3010031K01Rik	65	0.81	0.16		
EG633640	140	0.81	0.09		
Gsn	41	0.81	0.23	BC060377	
Asf1a	93	0.81	0.09	NM_025541.2	
Ap2b1	342	0.81	0.05	NM_027915.1	
1810074P20Rik	486	0.81	0.18	NM_026194.2	
Espl1	129	0.81	0.05		
Psip1	3264	0.81	0.06	NM_133948.2	
Zfp184	50	0.81	0.46	NM_183014.1	

LOC240669	35	0.81	0.24	XM_140729.3	
Zfp1	36	0.81	0.59	NM_011742.1	
Cth	221	0.81	0.16	NM_145953.2	
Col1a2	33	0.81	0.28	NM_007743.1	
F730005M08Rik	107	0.81	0.32	AK089324	
6430514E13Rik	152	0.81	0.16	AK078215	
Sdccag33	2463	0.81	0.12	XM_129060.3	
4930523M17Rik	31	0.81	0.38	AK019693	
2700007P21Rik	369	0.81	0.09	AK012215	
Zfp473	145	0.81	0.11		
Eil3	54	0.81	0.08	NM_145973	
Zfp37	247	0.81	0.24	NM_009554.1	
Phka1	153	0.81	0.21	NM_173021.1	
EG620592	44	0.81	0.27		
Baz2a	75	0.81	0.14	BC038012	
LOC384770	39	0.81	0.33	XM_357856.1	
B930008K04Rik	337	0.81	0.10	NM_175446.2	
D630001M17Rik	30	0.81	0.17	XM_155643.2	
39701	116	0.81	0.09		
Zfp583	30	0.81	0.09		
Cltc	221	0.81	0.08	NM_001003908	
Phactr2	100	0.81	0.10	XM_125520.4	
Ankfy1	582	0.81	0.07	NM_009671.2	
Mms19l	40	0.81	0.07	AK087633	
Slc7a1	82	0.81	0.06	NM_007513.1	
scl0003901.1_33	53	0.81	0.35		
2310032M22Rik	538	0.81	0.17	AK009582	
2900046C06Rik	587	0.81	0.12		
LOC333818	39	0.81	0.43	XM_289916.2	
A930035J23Rik	61	0.81	0.18		
A630002D19Rik	41	0.81	0.21	AK041330	
Kremen	55	0.81	0.26	NM_032396	
BC023829	397	0.81	0.08	XM_135913.3	
Pcdhb19	58	0.81	0.34	NM_053144.1	
MGC60742	171	0.81	0.44	XM_138691.2	
LOC216501	166	0.81	0.04	XM_125931.1	
4732423C17Rik	89	0.81	0.31	AK028643	
Fasn	36	0.81	0.16	NM_007988.1	
2410017P07Rik	566	0.81	0.10	NM_026643.2	
LOC434881	44	0.81	0.26		
F730047E07Rik	277	0.81	0.13	NM_199467.1	
Rnf128	98	0.81	0.15	NM_023270.3	
Ptpn12	323	0.81	0.23	NM_011203.2	
Hace1	850	0.81	0.20	NM_172473.1	
Tollip	2257	0.81	0.05	NM_023764.2	
F830009M01Rik	304	0.80	0.03	AK089706	
2810411E12Rik	142	0.80	0.02		
LOC385255	598	0.80	0.04	XM_358152.1	
Dnajb9	914	0.80	0.07	NM_013760	
Unc5b	139	0.80	0.27	NM_029770.1	
Eprs	1220	0.80	0.11	XM_129647.3	
4432416O06Rik	948	0.80	0.05	AK014500	
Gria2	815	0.80	0.18	NM_013540	
LOC215538	45	0.80	0.10	XM_147139.2	
Gprc5b	51	0.80	0.15	NM_022420.1	
Plxnd1	237	0.80	0.05	XM_149784.3	
5530400P07Rik	2268	0.80	0.05	AK030698	
A630064D23Rik	42	0.80	0.09	AK080353	
LOC211660	1191	0.80	0.23	XM_129366.4	
Wwp1-pending	261	0.80	0.10	XM_130163.3	
2900011L18Rik	42	0.80	0.12		
Qrich1	77	0.80	0.04		
Ddc	2638	0.80	0.04	NM_016672.1	
1600002H07Rik	81	0.80	0.08	XM_128548.3	
Dph3	71	0.80	0.09		
Fancg	38	0.80	0.51	NM_053081.1	
Mtap7	1016	0.80	0.10	AK008182	
6030443O07Rik	2139	0.80	0.18	NM_172638.1	



1110037F02Rik	553	0.80	0.17	XM_283937.2	
4632408A20Rik	140	0.80	0.09	XM_126946.2	
Rnf3	467	0.80	0.14	NM_172716	
9430034D17Rik	471	0.80	0.08	NM_029891.1	
Brip1	245	0.80	0.10	NM_178309.1	
Pbx1	36	0.80	0.24	NM_183355.1	
4733401H18Rik	39	0.80	0.52	NM_023247	
1700003M02Rik	139	0.80	0.19	NM_027041.1	
Zfp551	91	0.80	0.06		
4631424J17Rik	34	0.80	0.55	XM_282969	
Wdhd1	834	0.80	0.22	NM_172598.2	
Nos1	63	0.80	0.18	NM_008712	
AA968343	220	0.80	0.15	XM_130205.4	
Rora	333	0.80	0.04	NM_013646.1	
Cntn6	32	0.80	0.22	NM_017383.2	
Prpf38b	276	0.80	0.35		
BC048403	37	0.80	0.30	NM_173022.2	
4732496O19Rik	41	0.80	0.29	NM_133853.1	
BC016423	197	0.80	0.17	NM_134063.2	
9630007J19Rik	891	0.80	0.02		
2810004A10Rik	41	0.80	0.38	NM_027265.1	
Fbxo11	1164	0.80	0.22	XM_110248.4	
Ampd3	373	0.80	0.23	NM_009667	
Ppig	124	0.80	0.12	XM_130275	
Lphn1	315	0.80	0.09	XM_134383.4	
Mphosph1	626	0.80	0.27	XM_193936.2	
Fzd6	88	0.80	0.13	NM_008056	
Nupl1	509	0.80	0.22	NM_170591.1	
Zcchc2	94	0.80	0.26	XM_129972.3	
LOC238136	62	0.80	0.27	XM_138060.2	
Cyp51	1952	0.80	0.18	NM_020010.1	
Ssb	36	0.80	0.25	AK088370	
Slc35f5	73	0.80	0.22	NM_028787.2	
Ankrd50	469	0.80	0.09		
2310081J21Rik	97	0.80	0.34	XM_287973	
Gm962	41	0.80	0.19		
A330043L12	96	0.80	0.04	XM_136178.3	
Cryz	71	0.80	0.20	NM_009968.1	
Arntl2	37	0.80	0.60	NM_172309.1	
Rufy2	91	0.80	0.18	NM_027425.2	
1810009A16Rik	237	0.80	0.05	XM_355528.1	
Kif2a	378	0.80	0.19	NM_008442.1	
LOC381036	35	0.80	0.08	XM_354948.1	
2900054P12Rik	70	0.80	0.10	NM_028407	
3110031B13Rik	63	0.80	0.10	NM_026075.1	
Mtap4	44	0.80	0.17	AK044593	
Clasp2	66	0.80	0.29	XM_135174	
3830432E14Rik	207	0.80	0.41	AK028396	
Tulip1-pending	83	0.80	0.34	AK083518	
Rai1	172	0.80	0.16	NM_009021.1	
Adal	41	0.80	0.24		
LOC329506	219	0.80	0.15	XM_283758.1	
4921524K10Rik	160	0.80	0.11	XM_135176	
Glipr2	48	0.80	0.13	NM_027450	
9830123K24Rik	99	0.80	0.27	AK036507	
LOC243843	371	0.80	0.15	XM_163162.3	
Btbd14a	41	0.80	0.24	NM_026495.2	
9830165L15Rik	208	0.80	0.04	AK036713	
Glud1	591	0.80	0.08	NM_008133.2	
Abcc10	49	0.80	0.05	NM_170680.1	
Zfp622	43	0.80	0.04	NM_144523.2	
Plxnb1	78	0.80	0.32	NM_172775.1	
Mgat4b	805	0.80	0.20	NM_145926.2	
Rbm26	405	0.80	0.18		
Nek1	157	0.80	0.19	XM_356077.1	
Ap1m2	66	0.80	0.15	NM_009678.1	
5730478M09Rik	92	0.80	0.06	AK043059	
4921505C17Rik	501	0.80	0.19	NM_030168.2	

Nsun3	106	0.80	0.10	NM_178925.2	
Pps	486	0.80	0.19	AK085743	
4933421N06Rik	84	0.80	0.02	AK030204	
9830169C09Rik	46	0.80	0.13	AK036738	
4933432B13Rik	439	0.80	0.25	AK017018	
9630021O20Rik	63	0.80	0.30	AK079321	
Ier2	32	0.80	0.28	NM_010499.2	
PZR1B	632	0.80	0.12	AK076882	
Sc5d	53	0.80	0.40	NM_172769.1	
LOC384754	47	0.80	0.16	XM_357843.1	
Cd2ap	39	0.80	0.17	NM_009847.2	
1700019D06Rik	699	0.80	0.22	AK006112	
9830124H08Rik	762	0.80	0.09	NM_144842	
E030002F19Rik	346	0.80	0.06	AK086807	
Arid2	790	0.80	0.15	NM_175251.1	
7030419K10Rik	318	0.80	0.28	AK078604	
9930116O05Rik	277	0.80	0.20	XM_284500.2	
C130065M15Rik	49	0.80	0.31	AK081674	
Hectd2	743	0.80	0.21	NM_172637.1	
2210412D01Rik	855	0.80	0.27	NM_133722.1	
Plekhe1	125	0.80	0.03	NM_133821.1	
Rasa1	1124	0.80	0.22	NM_145452	
Lhx8	32	0.80	0.27	NM_010713	
Rnf36	64	0.80	0.14	NM_080510	
4732479N06Rik	642	0.80	0.09	NM_172540.1	
Ctsd	36	0.80	0.19		
Dleu2	69	0.80	0.27		
6530415H11Rik	509	0.80	0.14		
Bnip3l	4692	0.80	0.16	NM_009761.2	
9330161C17Rik	41	0.80	0.16	AK079084	
Map4k5	33	0.80	0.35	AK052373	
Spnb3	79	0.80	0.26	XM_129130.5	
Chek1	32	0.80	0.33	NM_007691.2	
5730453I16Rik	1167	0.80	0.01	NM_172302.2	
Scnn1a	281	0.80	0.40	NM_011324.1	
scl0001233.1_26	90	0.80	0.31		
2310031L18Rik	117	0.80	0.20	NM_026507.2	
2610511M17Rik	294	0.80	0.18	NM_028818.1	
Rex3	91	0.80	0.20	NM_009052.1	
Atp6v1b2	5270	0.80	0.03	NM_007509.2	
Pacsin3	38	0.80	0.16	NM_028733.1	
9630055A16Rik	118	0.80	0.14	AK036303	
AA175286	466	0.80	0.35	NM_010156.2	
3110018A08Rik	610	0.80	0.08		
Dusp18	152	0.80	0.15	NM_173745.3	
Cdk5rap2	408	0.80	0.04	NM_145990	
9930039L23Rik	223	0.80	0.02	AK037024	
Stxbp4	117	0.80	0.11	AK012293	
Zkscan1	421	0.80	0.28		
1700007D05Rik	34	0.80	0.20	AK005698	
Rev3l	1654	0.80	0.14	NM_011264.1	
Frs3	54	0.80	0.25	NM_144939.1	
Zdhhc15	131	0.79	0.04	NM_175358.2	
Iqgap1	1074	0.79	0.19	AK029434	
Snx6	2441	0.79	0.11	NM_026998.2	
C130019F04Rik	62	0.79	0.25	AK081462	
1700003B17Rik	36	0.79	0.25		
Phf8	64	0.79	0.07	NM_177201	
Ccnf	67	0.79	0.12	NM_007634.2	
Nup160	1641	0.79	0.22	NM_021512.1	
Zfp87	366	0.79	0.03	NM_133228.2	
B930089N03Rik	48	0.79	0.18	AK081116	
A230093N12Rik	34	0.79	0.25	AK039083	
BC021395	368	0.79	0.14	NM_144861	
scl0002306.1_28	68	0.79	0.29		
Rbbp6	220	0.79	0.10	NM_011247	
5330401F18Rik	243	0.79	0.16		
LOC381691	99	0.79	0.22	XM_355666.1	

D630004K10Rik	521	0.79	0.18		
LOC385160	99	0.79	0.23	XM_358093.1	
A230080D12Rik	89	0.79	0.14	AK038972	
Galntl4	226	0.79	0.10	NM_173739.3	
1700007I06Rik	31	0.79	0.20	NM_027031.1	
Egf	51	0.79	0.08	NM_010113.1	
Serpini1	203	0.79	0.11		
Fmn2	92	0.79	0.23	AK013585	
Txndc13	2772	0.79	0.15		
Odz4	586	0.79	0.22	NM_011858	
4921520G13Rik	104	0.79	0.22	NM_025732.1	
Znf24	449	0.79	0.29		
Insig1	873	0.79	0.18	NM_153526.2	
Acox1	33	0.79	0.18	AK054446	
B230114H05Rik	1196	0.79	0.22	AK045406	
1700065A05Rik	172	0.79	0.29	XM_283972	
Colq	63	0.79	0.08		
LOC331380	44	0.79	0.17	XM_285439.2	
Smarcad1	2239	0.79	0.10	XM_132597.3	
Scn2a	47	0.79	0.50	AK038645	
Unc13b	1749	0.79	0.21	NM_021468.1	
Mbnl	53	0.79	0.03	AK038242	
Ubr1	766	0.79	0.18	NM_009461.1	
B3bp	741	0.79	0.23	XM_132065.3	
Galc	74	0.79	0.17	AK040189	
Nudt4	2535	0.79	0.07	NM_027722.2	
mKIAA1090	53	0.79	0.34	AK129287	
Wdr37	177	0.79	0.15	NM_172445.1	
LOC381983	38	0.79	0.13	XM_356032.1	
Sync	31	0.79	0.44	NM_023485.2	
LOC384122	171	0.79	0.09	XM_357437.1	
1300006M19Rik	1037	0.79	0.07	XM_144634.1	
LOC386288	52	0.79	0.24	XM_359160.1	
6330505N24Rik	1330	0.79	0.17	XM_130991.3	
Numb	242	0.79	0.08	NM_010949.1	
A430070A22Rik	142	0.79	0.20	AK040147	
LOC233529	31	0.79	0.41	XM_133614.4	
G430064E20Rik	34	0.79	0.37	AK090020	
Lrrc4b	37	0.79	0.45	NM_198250.1	
Atm	181	0.79	0.13	NM_007499.1	
9830002L24Rik	65	0.79	0.07	AK036384	
0710007J16Rik	40	0.79	0.15	AK003018	
Setd2	342	0.79	0.11		
BC033915	80	0.79	0.09	NM_027498	
2410066E13Rik	36	0.79	0.23	NM_026629	
Zfhx1a	453	0.79	0.11	NM_011546.1	
1200006F02Rik	869	0.79	0.07	NM_027872.1	
Tmed8	591	0.79	0.17		
9530062G19Rik	34	0.79	0.52	AK035533	
Zipro1	378	0.79	0.09	NM_011757	
scl0003519.1_175	1800	0.79	0.10		
Cald1	84	0.79	0.35	BC055908.1	
4921518A06Rik	2045	0.79	0.15	NM_198293.1	
A530057A03Rik	102	0.79	0.16	XM_130488.2	
Mblcd1	80	0.79	0.05	NM_178728.3	
5830454D03Rik	444	0.79	0.11		
2310045K21Rik	411	0.79	0.24	AK009823	
Plp	80	0.79	0.19	NM_011123	
Snx13	644	0.79	0.19	XM_126867.4	
Ube2u	59	0.79	0.28		
Dlgh4	86	0.79	0.17	NM_007864.1	
Mef2a	157	0.79	0.18	NM_013597	
AI315068	163	0.79	0.25	XM_484535	
LOC380623	63	0.79	0.18	XM_358377.1	
LOC381995	136	0.79	0.14	XM_356054.1	
2810425F24Rik	988	0.79	0.21	XM_193975.3	
LOC386199	68	0.79	0.22	XM_359116.1	
D130059P03Rik	367	0.79	0.11	NM_177185.3	

Msl31	81	0.79	0.18	NM_010832	
Akt3	1786	0.79	0.07	NM_011785.2	
Nipbl	1221	0.79	0.06		
Lyst	38	0.79	0.21	NM_010748.1	
LOC333744	803	0.79	0.29	XM_289803.2	
4932418B07Rik	38	0.79	0.05	AK030051	
5730439E10Rik	171	0.79	0.11	NM_175324.2	
Kifap3	772	0.79	0.05	NM_010629	
scl0003503.1_32	133	0.79	0.06		
Fut1	51	0.79	0.30	NM_008051.1	
Osbp15	40	0.79	0.30	NM_024289.1	
Pik3c3	2018	0.79	0.12	NM_181414.3	
2700016E08Rik	32	0.79	0.08	AK030203	
A130017C09Rik	54	0.79	0.21	AK037420	
5930405J04Rik	395	0.79	0.32	NM_198160.1	
Arl10c	681	0.79	0.17	NM_026011.2	
5330430O04Rik	31	0.79	0.49	AK030553	
scl0003998.1_329	1883	0.79	0.12		
Ubx4	36	0.79	0.11	NM_145441	
B830028P19Rik	162	0.79	0.14	NM_172998.1	
A730020L24Rik	31	0.79	0.38	AK042745	
Usp33	581	0.79	0.19	NM_133247	
Esco2	487	0.79	0.13		
LOC381607	56	0.79	0.32	XM_355563.1	
Suv420h1	165	0.79	0.18		
Ppm1e	190	0.79	0.22	XM_484060	
2310032D16Rik	809	0.79	0.21	NM_027096	
Ndfip2	209	0.79	0.11	NM_029561.1	
4930507C10Rik	30	0.79	0.30	NM_030175.1	
1500041N16Rik	36	0.79	0.24	NM_026399.1	
LOC380925	46	0.79	0.29	XM_354832.1	
EG624866	196	0.79	0.06		
Sgk	5237	0.79	0.06	NM_011361	
6720480F11Rik	33	0.79	0.73	AK078454	
Birc2	569	0.79	0.08	NM_007465.1	
Wdr23	174	0.79	0.31	NM_133734.1	
A430107N12Rik	391	0.79	0.07		
Pde10a	49	0.79	0.15	NM_011866.1	
Prps2	743	0.79	0.26	NM_026662.2	
Arpp19	1619	0.79	0.18	NM_021548.3	
Atf2	609	0.79	0.16	NM_009715	
4930431B11Rik	182	0.79	0.08	NM_029434.1	
2810455K09Rik	31	0.78	0.23	XM_138271.2	
Spin	171	0.78	0.10	NM_011462.1	
2700050F09Rik	61	0.78	0.20	NM_028291.2	
Mgea5	78	0.78	0.20	AK012695	
Pip3ap	401	0.78	0.15	NM_172958.2	
Aak1	44	0.78	0.07		
2510002A14Rik	245	0.78	0.05	NM_028194.1	
D030041G07Rik	44	0.78	0.38	AK083529	
LOC278795	47	0.78	0.21	XM_204937.3	
2310051F07Rik	1257	0.78	0.18		
Myo7a	184	0.78	0.12	NM_008663.1	
Ppargc1a	455	0.78	0.21	NM_008904.1	
Gna14	290	0.78	0.15	NM_008137.2	
A630056H20Rik	128	0.78	0.13	AK042081	
Pgm2l1	50	0.78	0.21	NM_027629	
E030041M21Rik	919	0.78	0.09	NM_029166.1	
D930014N22Rik	41	0.78	0.38		
Btbd9	198	0.78	0.18	NM_172618.1	
5033405K12Rik	639	0.78	0.22	NM_153567	
Tgfbr1	974	0.78	0.10	NM_009370.2	
Pdzd8	170	0.78	0.28		
C920016N10Rik	58	0.78	0.32	AK083355	
Gys3	186	0.78	0.05	NM_008195.1	
Smad6	64	0.78	0.11	NM_008542	
LOC626359	37	0.78	0.27		
Apbb3	87	0.78	0.09	NM_146085.1	

scl0001689.1_10	88	0.78	0.14		
LOC381163	54	0.78	0.27	XM_355084.1	
2210010N04Rik	155	0.78	0.00	XM_149712.5	
Posh-pending	30	0.78	0.24	AK035372	
Rap1gap	442	0.78	0.04		
Ppp2r1b	89	0.78	0.29	XM_284491	
LOC270579	191	0.78	0.34	XM_194609.3	
A430041B07Rik	310	0.78	0.29	XM_484151	
Tnrc6b	34	0.78	0.19		
Tug1	528	0.78	0.21		
Spire1	250	0.78	0.03	NM_176832.1	
4933427G17Rik	47	0.78	0.30	XM_133717	
Zfp75	592	0.78	0.12	NM_172918.3	
9030018K07Rik	49	0.78	0.25	AK033420	
2310067G05Rik	105	0.78	0.18	XM_147277.1	
Spon2	310	0.78	0.10	NM_133903.2	
Chuk	1076	0.78	0.13	NM_007700.1	
Lrrc3	46	0.78	0.14	NM_145152.2	
C130086A10	932	0.78	0.10	NM_173746.2	
LOC381568	34	0.78	0.42	XM_355530.1	
Hps5	87	0.78	0.20	AF534396	
Tmem168	112	0.78	0.38		
Ctps2	320	0.78	0.05	NM_018737.2	
LOC236228	41	0.78	0.19	XM_135566.2	
Bcl2l11	345	0.78	0.11	NM_009754.2	
LOC385260	63	0.78	0.04	XM_358156.1	
Ube2j1	349	0.78	0.11	NM_019586.2	
Rsb1l	156	0.78	0.36	XM_144208.3	
Ireb2	345	0.78	0.25	XM_134910.3	
Hook1	77	0.78	0.32	NM_030014.2	
Slc16a13	85	0.78	0.13	NM_172371	
Serping1	51	0.78	0.01	NM_009776	
Fnip1	557	0.78	0.15		
LOC384188	86	0.78	0.29	XM_357476.1	
LOC639396	64	0.78	0.39		
Senp7	229	0.78	0.15		
Perq1	330	0.78	0.35	NM_031408.1	
Zfp90	318	0.78	0.14	NM_011764.2	
Vps41	156	0.78	0.12	NM_172120.2	
Sec15l1	221	0.78	0.18	NM_175353	
Nap1l1	1891	0.78	0.09	NM_015781.2	
LOC192195	362	0.78	0.01	XM_149324.1	
Trove2	609	0.78	0.09		
1200006O19Rik	1076	0.78	0.24	NM_026164.1	
9030016H15Rik	70	0.78	0.28	AK078845	
LOC384279	78	0.78	0.16	XM_357537.1	
LOC243328	180	0.78	0.27	XM_144623.1	
Ap1s3	66	0.78	0.19	NM_183027.1	
Alg2	1334	0.78	0.11	NM_019998	
Utx	795	0.78	0.18	AK045533	
Plcl2	655	0.78	0.20	NM_013880	
LOC546840	34	0.78	0.15		
Entpd7	37	0.78	0.22	NM_053103.1	
E430029E19Rik	114	0.78	0.16	AK088860	
4631403P03Rik	33	0.78	0.21	NM_153793.1	
E430036I04Rik	188	0.78	0.16	NM_133897.1	
9130422H11Rik	833	0.78	0.05	AK078972	
6430596G11Rik	131	0.78	0.06	NM_172739.1	
4933413H15Rik	120	0.78	0.27	AK030186	
Pcaf	119	0.78	0.26	NM_020005.1	
Trim23	332	0.78	0.27	NM_030731.1	
Rock2	258	0.78	0.28	NM_009072.1	
Plxdc1	45	0.78	0.25	NM_028199.2	
Rnf111	73	0.78	0.08	NM_033604.1	
Zfp62	106	0.78	0.28	NM_009562.1	
BC035291	1687	0.78	0.17	NM_177581.2	
Dpysl5	235	0.78	0.17		
Ncoa4	424	0.78	0.19	NM_019744	

Klhl24	123	0.78	0.21		
D330038K10Rik	156	0.78	0.21	NM_173028.1	
BC042901	446	0.78	0.18	NM_175021.1	
Smurf2	379	0.78	0.16	XM_126673	
3110057O12Rik	66	0.78	0.17	NM_026622.1	
LOC381358	202	0.78	0.17	XM_355324.1	
Usp43	48	0.78	0.09	NM_173754.2	
D230021E06Rik	70	0.78	0.46	AK051937	
5730433N10Rik	116	0.78	0.24	XM_149059.1	
Akap3	128	0.78	0.27	NM_009650.1	
1700047E16Rik	71	0.78	0.12	NM_173431.1	
LOC236397	32	0.78	0.16	XM_142956.5	
Zfml	383	0.78	0.13	BC076615	
Abhd3	66	0.78	0.11	NM_134130.1	
Ctsf	327	0.78	0.15	NM_019861.1	
C130078B07Rik	43	0.78	0.25	AK081796	
1110002E22Rik	360	0.78	0.27		
Dyrk1a	612	0.78	0.17	NM_007890	
Capn7	1490	0.78	0.19	NM_009796.1	
2010001M09Rik	138	0.78	0.23	NM_027222.1	
Fblim1	82	0.78	0.15		
Al746432	31	0.78	0.26	XM_127943.2	
Centd2	46	0.78	0.10	NM_027180.2	
Zbtb3	73	0.78	0.10	NM_133759.1	
Nfkb2	38	0.78	0.41	NM_019408.1	
C79407	499	0.78	0.24	NM_172578.2	
D11Ert730e	159	0.78	0.15	NM_198936.1	
Kifc5b	39	0.78	0.28		
Zfp236	464	0.78	0.19	NM_177832.2	
LOC226758	39	0.78	0.20	XM_129620.2	
D10Ert802e	115	0.78	0.26	NM_198021.1	
2310047115Rik	243	0.77	0.05	NM_030207.1	
4732455O04Rik	649	0.77	0.10	AK028779	
Sybl1	783	0.77	0.30	NM_011515.1	
D330004C03Rik	403	0.77	0.18	AK084470	
Trim33	207	0.77	0.26	NM_053170.1	
Tcf4	2304	0.77	0.09	NM_013685.1	
Rgmb	55	0.77	0.14	NM_178615.3	
2810028N01Rik	63	0.77	0.30	NM_028315.1	
scl000648.1_30	31	0.77	0.28		
0610037B23Rik	53	0.77	0.09	AK002767	
Tmem19	145	0.77	0.18	NM_133683.1	
Matk	32	0.77	0.23	AK018182	
2410089E03Rik	43	0.77	0.32	XM_127911.3	
4930465J06Rik	288	0.77	0.24	AK029681	
BC024502	72	0.77	0.17	NM_173393.1	
Dnm	77	0.77	0.10	NM_010065.1	
Slc7a6	291	0.77	0.10	NM_178798.2	
Fbxo3	594	0.77	0.23	NM_212433.1	
EG622320	111	0.77	0.15		
LOC385207	177	0.77	0.19	XM_358119.1	
2210410E06Rik	5865	0.77	0.12		
Paics	140	0.77	0.18	NM_025939.2	
Kif11	385	0.77	0.09	NM_010615.1	
LOC226486	115	0.77	0.11	XM_129521.2	
LOC223599	114	0.77	0.25	XM_128290.2	
2410193C02Rik	153	0.77	0.17	XM_134313	
C530046L02Rik	52	0.77	0.11	NM_173186.2	
Eaf1	47	0.77	0.63	NM_028932.2	
Zfp291	130	0.77	0.07	NM_175536.2	
D330005C11Rik	41	0.77	0.48	NM_176905.2	
4833432M17Rik	76	0.77	0.22	NM_198654	
Zfyve27	151	0.77	0.05	NM_177319.2	
scl0001259.1_60	153	0.77	0.11		
LOC381260	163	0.77	0.21	XM_355202.1	
Pbx3	195	0.77	0.02	NM_016768.1	
D830013H12	1087	0.77	0.08	NM_177860.2	
8030451K01Rik	53	0.77	0.20	NM_172501	

BC005537	1298	0.77	0.32	NM_024473.2	
LOC242997	39	0.77	0.09	XM_144338.3	
Gclc	91	0.77	0.31	NM_010295.1	
2810423E13Rik	177	0.77	0.16	NM_028140.2	
9330177P20Rik	312	0.77	0.13	NM_177462.2	
4932408C11Rik	63	0.77	0.24	AK029932	
LOC383369	42	0.77	0.19	XM_357013.1	
Padi4	316	0.77	0.13	NM_011061.1	
Kif21a	1178	0.77	0.17	NM_016705	
Jak3	53	0.77	0.06	NM_010589	
Sirt1	801	0.77	0.05	NM_019812.1	
AW547186	106	0.77	0.27	NM_177592	
Ktn1	34	0.77	0.51	NM_008477	
D430041B17	155	0.77	0.12	NM_172737.1	
E230024F20Rik	68	0.77	0.24	AK054164	
Ctdspl	298	0.77	0.10	NM_133710.1	
A830055I09Rik	175	0.77	0.12	AK043943	
4632418H02Rik	73	0.77	0.10	XM_150247.1	
Herc4	406	0.77	0.21		
B230329O19Rik	32	0.77	0.13	AK045978	
LOC381696	78	0.77	0.56	XM_355670.1	
Setbp1	67	0.77	0.23	XM_140508.2	
Ranbp6	40	0.77	0.09	NM_177721.2	
Tgm5	101	0.77	0.13	NM_028799.1	
Cdc27	218	0.77	0.25	XM_484088	
Parc	114	0.77	0.29	XM_355017.1	
Usp9x	175	0.77	0.31	AK053279	
Rnf2	247	0.77	0.42	NM_011277.1	
9930122J16Rik	253	0.77	0.36	AK037129	
BC036313	68	0.77	0.23	XM_196119	
E030007N04Rik	477	0.77	0.19	AK086880	
TRGV4_AF03735	36	0.77	0.33		
LOC382930	790	0.77	0.19	XM_356754.1	
2900090M10Rik	76	0.77	0.15	NM_177868.2	
Tcp11	57	0.77	0.22	AK053725	
scl0002124.1_39	37	0.77	0.34		
Rif1	306	0.77	0.28		
7420700D11Rik	244	0.77	0.22	AK033036	
1700065O13Rik	272	0.77	0.14	XM_128550.3	
Senp8	65	0.77	0.15	NM_027838.2	
2600014M03Rik	294	0.77	0.10	NM_178620.2	
Adam10	93	0.77	0.25	NM_007399.1	
Irf2bp2	364	0.77	0.10	XM_284454	
A430031N04	137	0.77	0.15	NM_177718.2	
Mccc2	72	0.77	0.17	XM_127493.3	
Brca1	114	0.77	0.09	NM_009764.2	
Man2a2	41	0.77	0.08	NM_172903.1	
D7Bwg0611e	230	0.77	0.09	NM_027898.2	
D630041L13Rik	35	0.77	0.19	AK052744	
Foxp1	487	0.77	0.09	NM_053202.1	
Pde4a	45	0.77	0.10	NM_019798.2	
A130099L09Rik	96	0.77	0.27	AK038374	
AW555814	273	0.77	0.37	NM_173760	
Lrp6	71	0.77	0.06	NM_008514.1	
Catnd2	135	0.77	0.12	NM_008729.1	
3110004L20Rik	45	0.77	0.48	XM_127295	
4930535I16Rik	31	0.77	0.19	AK015982	
LOC232047	34	0.77	0.01	XM_144788.2	
Nr3c1	87	0.77	0.29	NM_008173.1	
Prkaa1	48	0.77	0.18	XM_139298.4	
Fgfr2	981	0.77	0.12	NM_010207	
B230112P13Rik	653	0.77	0.11		
2310009E04Rik	99	0.76	0.11	XM_131496.4	
Akap10	132	0.76	0.08	AK051044	
Scd1	546	0.76	0.14	NM_009127.2	
4732423E21Rik	287	0.76	0.18		
Suhw4	247	0.76	0.10	NM_146224.2	
Theg	31	0.76	0.27	NM_199226.1	

Rbl1	219	0.76	0.01	NM_011249.1	
Zfp26	43	0.76	0.23	AK082002	
Mest	60	0.76	0.09	NM_008590.1	
Rab11fip2	139	0.76	0.24	XM_129331.1	
Rassf4	326	0.76	0.18	NM_178045.3	
5830412B09Rik	343	0.76	0.28	AK049568	
BC023179	74	0.76	0.12	NM_145577.1	
Usp8	297	0.76	0.22	NM_019729.2	
Jmjd1a	2360	0.76	0.16	XM_194279	
Zc3hdc6	407	0.76	0.29	NM_178404.2	
Frm4a	57	0.76	0.07	NM_172475.2	
Cyip1	160	0.76	0.15	BC052713	
Plek	37	0.76	0.22	NM_019549	
Slc40a1	1346	0.76	0.17	NM_016917.1	
Mettl4	117	0.76	0.27	XM_135413.4	
2810455B08Rik	52	0.76	0.12		
Syn2	289	0.76	0.14	AK043584	
Fech	142	0.76	0.08	AK083560	
2310038H17Rik	493	0.76	0.15	NM_025964.2	
scl0002694.1_23	219	0.76	0.14		
Madd	127	0.76	0.08	NM_145527.2	
scl0002337.1_39	951	0.76	0.20		
Zfp661	228	0.76	0.15		
C630007L23Rik	341	0.76	0.30	AK049893	
Pomt1	50	0.76	0.11	NM_145145.1	
Mapk8ip3	39	0.76	0.06	AK035619	
Zfp143	292	0.76	0.13	NM_009281	
BC038156	376	0.76	0.31	NM_177768.2	
6330407I18Rik	211	0.76	0.21		
Eml5	92	0.76	0.15	NM_178409.2	
2810047L02Rik	190	0.76	0.20	AK012919	
BC042768	315	0.76	0.12	XM_148273.4	
B230205M03	168	0.76	0.20	NM_177687.2	
Inpp4a	114	0.76	0.10	NM_030266	
Tox	319	0.76	0.39	NM_145711.2	
Elf4	50	0.76	0.11	NM_019680.1	
Gpr22	34	0.76	0.31	NM_175191.2	
Pnlpp1	278	0.76	0.20	NM_018874.1	
B130005N20Rik	48	0.76	0.36	AK044821	
Gpiap1	4416	0.76	0.13	NM_016739.2	
Cul4b	575	0.76	0.32	NM_028288.3	
Asxl2	56	0.76	0.15	NM_172421	
Gpr160	31	0.76	0.19	XM_130823.3	
1300007F04Rik	124	0.76	0.37	NM_026185.1	
4931400A14Rik	318	0.76	0.20	NM_028887	
Btrc	249	0.76	0.11	NM_009771.1	
4933428F06Rik	34	0.76	0.08		
Brdt	86	0.76	0.17	NM_054054.1	
Tbc1d23	841	0.76	0.06		
9930013M16Rik	53	0.76	0.10	AK036810	
Hbp1	2540	0.76	0.02	NM_177993.1	
AV249152	76	0.76	0.14	NM_145425.2	
Sox4	264	0.76	0.23	NM_009238	
LOC385392	49	0.76	0.39	XM_358222.1	
Hipk1	121	0.76	0.24	NM_010432	
9830164M16Rik	36	0.76	0.46	AK036700	
Snap91	143	0.76	0.21	NM_013669.1	
LOC386091	665	0.76	0.09	XM_359066.1	
Ush1c	64	0.76	0.09	NM_023649.1	
Herc2	1332	0.76	0.12	NM_010418.1	
Ank2	114	0.76	0.08	NM_178655	
Snx14	894	0.76	0.16	NM_172926.1	
Sec5l1	887	0.76	0.15	NM_025588.2	
Smek2	735	0.76	0.28		
Uhmk1	59	0.76	0.10		
Tbc1d8	283	0.76	0.33	NM_018775	
PLA2	96	0.76	0.16	AK033572	
A530050O19Rik	50	0.76	0.26	AK040951	



9330152L17	149	0.76	0.08	NM_177917.2	
D330022O09Rik	215	0.76	0.21	AK021286	
Melk	237	0.76	0.11	NM_010790.2	
8430415E04Rik	45	0.76	0.16	NM_028980.1	
Eppk1	51	0.76	0.34	NM_144848.2	
Pkia	1160	0.76	0.16	NM_008862.2	
C130060B01Rik	64	0.76	0.15	AK048425	
Eif2s2	3081	0.76	0.06	NM_026030.1	
2610524N02Rik	349	0.76	0.25	AK012153	
5832424M12	2026	0.76	0.18	NM_172591.2	
Arl4	699	0.76	0.07	NM_007487.2	
9530046K08Rik	650	0.76	0.21	AK079236	
5830427D02Rik	123	0.76	0.04		
LOC544988	73	0.76	0.13		
AW548124	151	0.76	0.11	XM_128778.5	
A430105I05Rik	77	0.76	0.11	AK040531	
Tbl1xr1	60	0.76	0.16		
6430514L14Rik	137	0.76	0.15	XM_135000.3	
Ubce7ip1	105	0.76	0.14	NM_080561.3	
3110001A05Rik	116	0.76	0.23	AK013931	
Sh3bgrl	859	0.76	0.25	NM_019989.2	
LOC380757	93	0.76	0.33	XM_354670.1	
Rbp1	34	0.76	0.59	NM_011254.2	
Foxp3	32	0.76	0.12	NM_054039.1	
2810405K07Rik	146	0.76	0.18	NM_028141	
Gprc2a	111	0.76	0.33	NM_013803.1	
C130092E12	730	0.76	0.16		
D230019K24Rik	153	0.76	0.03	AK051923	
Pcsk1	30	0.76	0.34	AK043742	
E130301F21Rik	461	0.76	0.22	AK087467	
Maml1	152	0.75	0.17	NM_175334.2	
Tmod3	866	0.75	0.07	NM_016963.1	
D030010H02Rik	63	0.75	0.26	AK083433	
Acsl3	305	0.75	0.15	XM_129894.4	
Pim1	30	0.75	0.31	NM_008842.2	
Ppp1r1c	103	0.75	0.16	AK039877	
A430088H15Rik	184	0.75	0.10	AK040354	
C030017D11Rik	213	0.75	0.13	AK047718	
5430419F02Rik	1170	0.75	0.07	AK017320	
Cipp	65	0.75	0.25	NM_172696	
Cln2	115	0.75	0.07	AK083832	
LOC384382	161	0.75	0.29	XM_357613.1	
Pcdhgc4	40	0.75	0.10	NM_033582.2	
4832442G16Rik	71	0.75	0.23	AK029343	
Smyd3	54	0.75	0.33	NM_027188.2	
Dbpht2	119	0.75	0.10	NM_198866.1	
Cnot6l	288	0.75	0.11	NM_144910.1	
Nefh	110	0.75	0.40	NM_010904.2	
4921517B04Rik	83	0.75	0.07	XM_131208.3	
Camsap111	162	0.75	0.23		
LOC380888	82	0.75	0.25	XM_354797.1	
1700069O15Rik	149	0.75	0.21	NM_173441.1	
1190002N15Rik	499	0.75	0.22	XM_147036	
Smc2l1	82	0.75	0.12	NM_008017.2	
Golga5	1435	0.75	0.12	NM_013747.2	
4930532D21Rik	39	0.75	0.13	NM_180958.1	
Cc1	268	0.75	0.28	XM_123485.1	
LOC385662	82	0.75	0.34	XM_358872.1	
D14Etd581e	143	0.75	0.18	NM_029454.3	
Cxcr4	38	0.75	0.08	NM_009911.2	
E130113K22Rik	133	0.75	0.22	BC061492	
Sav1	1986	0.75	0.15	NM_022028.1	
Alcam	1020	0.75	0.11	NM_009655.1	
A830091E24Rik	66	0.75	0.25	AK044111	
LOC225217	93	0.75	0.21	XM_123269.5	
Mlh1	52	0.75	0.39	NM_026810.1	
LOC546723	82	0.75	0.17		
Gdpd3	580	0.75	0.06		

D030035F05Rik	131	0.75	0.14	AK050919	
D530007H06Rik	174	0.75	0.22	AK052561	
BC030477	165	0.75	0.17	NM_177618.4	
Arntl	409	0.75	0.07	NM_007489.1	
Glcc1	80	0.75	0.25	NM_178072.2	
Lmln	67	0.75	0.05	NM_172823.1	
4921514L11Rik	174	0.75	0.26	AK014897	
Pcdhgb8	44	0.75	0.14	NM_033580.1	
3830406C13Rik	423	0.75	0.05	NM_178141.1	
5031400M07Rik	265	0.75	0.11	NM_020586	
Vcl	998	0.75	0.25	NM_009502	
Aox4	405	0.75	0.16	NM_023631.1	
B230353O14Rik	50	0.75	0.13	AK046219	
Trim35	119	0.75	0.22	NM_029979	
LOC382100	68	0.75	0.27	XM_356181.1	
4930511J15Rik	49	0.75	0.25	AK015758	
Tomm20	33	0.75	0.30	NM_024214	
Cpsf6	391	0.75	0.10		
Lpin2	67	0.75	0.21	NM_022882	
Kcnu1	163	0.75	0.11		
Rab18	543	0.75	0.16	NM_011225	
5730427M17Rik	37	0.75	0.16	NM_175297.2	
Bcl11b	31	0.75	0.38	NM_021399.1	
Oxr1	216	0.75	0.22	AK040881	
AK122525	80	0.75	0.16	NM_199028.1	
A830048E23Rik	73	0.75	0.11	AK043900	
Gpatch2	1007	0.75	0.13		
A030012M09Rik	138	0.75	0.14	NM_183028.1	
1110034C16Rik	39	0.75	0.20		
D230020C06Rik	58	0.75	0.36	AK051933	
Cbfa2t2h	84	0.75	0.14	NM_172860.1	
Dpp6	94	0.75	0.06	NM_010075	
1600021C16Rik	712	0.75	0.24	NM_028059.1	
B430306D02Rik	57	0.75	0.22	XM_194622	
Btbd3	618	0.75	0.20	NM_145534.1	
5830405N20Rik	43	0.75	0.11	NM_183264.1	
Ankra2	323	0.75	0.14	AK003438	
LOC216089	295	0.75	0.19	XM_125658.2	
Al429214	42	0.75	0.31		
Stag2	1294	0.75	0.24	NM_021465.2	
Fancm	385	0.75	0.21		
Arhgap24	260	0.75	0.17	NM_029270.1	
Igfbp5	5003	0.75	0.26	NM_010518	
Rab36	161	0.75	0.04	XM_125709.3	
LOC381533	37	0.75	0.14	XM_355501.1	
B930096H04Rik	143	0.75	0.11	AK047594	
Cyb5d1	43	0.75	0.10		
Trim10	52	0.75	0.13	NM_011280.1	
A130027D22Rik	64	0.75	0.28	AK037575	
Cpsf3	34	0.75	0.15	NM_018813.2	
Hist1h1d	50	0.75	0.02	NM_145713.2	
Akap11	615	0.75	0.03	XM_127854	
4632417D23	80	0.75	0.11	NM_172934.1	
5730497N03Rik	82	0.75	0.36		
Pip5k3	62	0.75	0.33	NM_011086.1	
C130015E15Rik	42	0.75	0.40	AK081413	
A730024A03Rik	936	0.75	0.18	XM_109657	
1810041M07Rik	110	0.74	0.19	AK007746	
Klhdc1	243	0.74	0.08	NM_178253.2	
4832406C22	250	0.74	0.08	NM_173395.1	
LOC381979	36	0.74	0.03	XM_356021.1	
Pcdhb21	39	0.74	0.54	NM_053146.1	
LOC215086	62	0.74	0.26	XM_137083.3	
9930013B11Rik	75	0.74	0.21	AK036805	
A430083I17Rik	79	0.74	0.14	AK040290	
scl0002387.1_74	145	0.74	0.16		
Gm1568	37	0.74	0.13		
scl0003774.1_10	33	0.74	0.23		

LOC386169	227	0.74	0.14	XM_359104.1	
3110078M01Rik	703	0.74	0.11		
9430064K01Rik	85	0.74	0.07		
Zfp715	325	0.74	0.19		
Ahi1	2049	0.74	0.11	NM_026203.1	
2610307O08Rik	71	0.74	0.29	XM_128954.3	
D230005D02Rik	551	0.74	0.04	NM_172813.1	
Strn3	1334	0.74	0.19	NM_052973	
Mzf1	63	0.74	0.20		
D12Ert551e	135	0.74	0.29	NM_028731.2	
Hif1a	154	0.74	0.27	NM_010431.1	
LOC238678	36	0.74	0.18	XM_138664.2	
Zfp608	189	0.74	0.09	NM_175751.2	
Gca	270	0.74	0.13	NM_145523.2	
AW049765	31	0.74	0.24	NM_145934	
A630020C16Rik	113	0.74	0.16	AK041541	
1810007M14Rik	316	0.74	0.19	NM_026110.1	
A430109M19Rik	206	0.74	0.27		
C030003A18Rik	633	0.74	0.20	AK047623	
9130409I23Rik	33	0.74	0.08		
C430015M08Rik	53	0.74	0.08	AK049476	
D130043K22Rik	126	0.74	0.06	XM_111397.3	
Sgtb	109	0.74	0.09	NM_144838.1	
C730013O11Rik	166	0.74	0.34	AK050083	
Smarca3	97	0.74	0.22	NM_009210	
5730412N02Rik	84	0.74	0.18	XM_485819	
BC028799	221	0.74	0.14	XM_135033.2	
Shd	36	0.74	0.16	NM_009168	
2210411A11Rik	43	0.74	0.18		
BC062127	39	0.74	0.59		
Hic2	114	0.74	0.24	NM_178922	
1810045J01Rik	127	0.74	0.20	NM_199027.1	
4631422C13Rik	101	0.74	0.07	XM_128857.3	
AW011752	485	0.74	0.24	NM_134034.1	
A530010L13Rik	46	0.74	0.18	AK040666	
Atp7a	116	0.74	0.19	NM_009726.2	
Slc25a12	907	0.74	0.04	NM_172436.2	
Nckap1	2082	0.74	0.21	NM_016965.1	
4930402E16Rik	80	0.74	0.18	NM_198308.1	
Olfir692	31	0.74	0.26	NM_146355.1	
LOC233401	682	0.74	0.21	XM_133561.4	
9630044O09Rik	51	0.74	0.44	NM_198014.1	
Itgav	45	0.74	0.25	AK020674	
Pgrmc1	2493	0.74	0.11	NM_016783.2	
2610012I03Rik	126	0.74	0.15		
Nrxn1	45	0.74	0.13	NM_020252.1	
LOC213784	33	0.74	0.38	XM_131338.2	
A730091E08Rik	116	0.74	0.07	NM_176917.2	
Nsdhl	260	0.74	0.21	NM_010941.3	
Chdc1	69	0.74	0.11	XM_484393	
Depdc1b	75	0.74	0.08	NM_178683.2	
LOC380629	90	0.74	0.17	XM_354533.1	
Prlr	2037	0.74	0.10	AK042147	
Glr3	161	0.74	0.29	NM_010298.2	
Rfxdc2	38	0.74	0.56		
BC051080	277	0.74	0.09	NM_183172.1	
Nt5dc3	50	0.74	0.22		
Scn3b	32	0.74	0.24	NM_178227	
Acat3	38	0.74	0.09	NM_153151	
4933403H06Rik	36	0.74	0.32	NM_028938.1	
A430106D13Rik	282	0.74	0.16	AK040551	
Herc3	121	0.74	0.25	NM_028705.2	
scl0002779.1_2	32	0.74	0.34		
Gucy1b3	109	0.74	0.15	NM_017469.2	
LOC209405	346	0.74	0.06	XM_142315.2	
Lrfr3	187	0.74	0.18	NM_175478	
Zc3h7a	1328	0.74	0.14		
1700021P10Rik	37	0.74	0.35	AK006228	

Acox3	32	0.74	0.11	NM_030721.2	
Trim2	104	0.74	0.04	AK039741	
LOC386094	73	0.74	0.22	XM_359067.1	
Syt1	1239	0.74	0.13	AK013798	
Dnaja2	149	0.74	0.21	NM_019794.1	
Gpr180	69	0.74	0.06		
9430025M13Rik	82	0.74	0.24	XM_133396.3	
Impa1	78	0.74	0.28	NM_018864.3	
Eif2c4	32	0.74	0.11	NM_153177.1	
Apc	104	0.74	0.14	NM_007462	
Sesn3	37	0.73	0.26	NM_030261	
A930039N10Rik	156	0.73	0.08		
Fbxo8	198	0.73	0.11	NM_015791.2	
A130033B22	45	0.73	0.20	NM_177825.2	
LOC385206	188	0.73	0.08	XM_358118.1	
AW549877	2814	0.73	0.12	NM_145930	
4933409L06Rik	107	0.73	0.31	XM_129509	
D930049D10Rik	45	0.73	0.17	AK053096	
E330027P06Rik	103	0.73	0.16	AK054460	
Bmpr2	103	0.73	0.04	NM_007561.1	
4933406L09Rik	49	0.73	0.33	AK047451	
Mamdc1	326	0.73	0.10	NM_207010.1	
Zfp367	685	0.73	0.19	NM_175494.2	
6030465E24Rik	61	0.73	0.19	XM_358346	
Mgl2	43	0.73	0.01	NM_145137.1	
Svil	42	0.73	0.07	NM_153153	
LOC224732	80	0.73	0.41	XM_128487.2	
Jmjd1c	40	0.73	0.28	NM_207221.1	
Ssh1	56	0.73	0.25	NM_198109	
A330084E23Rik	127	0.73	0.14	AK039677	
Slc12a2	1920	0.73	0.12	NM_009194.1	
BC042720	377	0.73	0.11	XM_283576.2	
A830025F02Rik	30	0.73	0.36		
Scn3a	93	0.73	0.07	NM_018732.1	
Ebf3	337	0.73	0.01	NM_010096.1	
Ccnb1	2109	0.73	0.03	NM_172301.2	
Slc25a24	50	0.73	0.13	NM_172685.1	
Gbe1	33	0.73	0.08	AK050423	
Gnb3	194	0.73	0.15	NM_013530.1	
Habp4	35	0.73	0.05	NM_019986	
Alg10b	204	0.73	0.12		
C730042C24Rik	97	0.73	0.28	AK050383	
Aox1	33	0.73	0.21	NM_009676.1	
Fbp2	403	0.73	0.03	NM_007994.1	
LOC224648	76	0.73	0.27	XM_128508.4	
LOC241525	141	0.73	0.24	XM_141028.1	
Vti1-pending	48	0.73	0.21	AK030538	
9130023H24Rik	35	0.73	0.08	NM_177001.2	
2810413I22Rik	378	0.73	0.13	XM_148083.1	
A230102I05Rik	71	0.73	0.17	NM_146179.1	
0610007P08Rik	136	0.73	0.19	NM_023507.2	
9330174H21Rik	31	0.73	0.10	AK034293	
Rims2	1020	0.73	0.12	NM_053271	
Pitpnc1	36	0.73	0.03	NM_145823.1	
LOC381445	56	0.73	0.14	XM_130900.2	
Fancd2	300	0.73	0.19	XM_132796.4	
Srl	56	0.73	0.10		
Rod1	313	0.73	0.24	NM_144904.1	
D030059N20Rik	80	0.73	0.18	AK083653	
LOC381621	461	0.73	0.11	XM_355579.1	
Tusc1	89	0.73	0.33	NM_026954	
2310004H21Rik	894	0.73	0.20	AK009138	
A530068K01	243	0.73	0.15		
8430405D05Rik	121	0.73	0.04	XM_354623.1	
Scrn1	136	0.73	0.10	NM_027268	
2900022H01Rik	37	0.73	0.04	AK013569	
Podxl2	35	0.73	0.17	NM_176973	
Pclo	107	0.73	0.13	NM_011995	

B130018P07Rik	41	0.73	0.19	AK045005	
Ccm1	242	0.73	0.18	NM_030675.2	
2810426N06Rik	34	0.73	0.18	NM_023363.1	
Glis2	68	0.73	0.11	NM_031184	
LOC385780	11120	0.73	0.24	XM_358943.1	
Hpcal4	103	0.73	0.17	NM_174998.1	
Cadps	332	0.73	0.19	NM_012061.1	
Takrp	518	0.73	0.22	XM_144916	
Armcx1	710	0.73	0.05	NM_030066.2	
scl0003431.1_14	147	0.73	0.14		
Suhw3	291	0.73	0.17	NM_153532.2	
E030040N07Rik	30	0.73	0.42	AK087267	
AB041544	83	0.73	0.07	NM_021416.2	
Rasip1	65	0.73	0.21	XM_485931	
Smbp	47	0.73	0.20	NM_133352	
Mtrr	30	0.73	0.12	NM_172480.1	
LOC380989	58	0.73	0.34	XM_354900.1	
Aco1	105	0.73	0.08	NM_007386.1	
2300008H03Rik	56	0.73	0.27	AK009045	
1700030B17Rik	548	0.73	0.24	NM_027407.1	
scl0004010.1_24	295	0.73	0.15		
Prei4	44	0.73	0.03		
Btg4	180	0.73	0.28	NM_019493.2	
Grik5	98	0.73	0.15	NM_008168	
Epim	56	0.72	0.20	AK076816	
A630018G05Rik	50	0.72	0.21	XM_132483.4	
F830029L24Rik	1459	0.72	0.17	NM_172606.1	
Pou6f1	163	0.72	0.16	NM_010127.2	
Lrrc8b	39	0.72	0.30		
2810470D21Rik	487	0.72	0.16	XM_125812.4	
LOC383090	66	0.72	0.34	XM_356864.1	
Sec23a	175	0.72	0.26	NM_009147.1	
C77080	67	0.72	0.03	XM_110498	
Wig1	566	0.72	0.14	NM_009517.1	
Dspp	33	0.72	0.21	NM_010080.1	
Dleu7	119	0.72	0.08		
Vangl1	36	0.72	0.28	NM_177545	
Bri3bp	49	0.72	0.08	XM_132386.4	
Bmpr1a	665	0.72	0.15	NM_009758.3	
6030490B17Rik	31	0.72	0.33		
LOC381224	51	0.72	0.08	XM_140772.3	
Sfrs7	1409	0.72	0.11	NM_146083.1	
9430036F11Rik	272	0.72	0.25	AK034776	
BC021381	98	0.72	0.05	NM_145382.2	
9630015D15Rik	1845	0.72	0.06	NM_181401	
5430404L10Rik	47	0.72	0.08	NM_025769.1	
D630029K19Rik	88	0.72	0.13	NM_172679.1	
Ptprg	37	0.72	0.10	AK053271	
Pcdha8	85	0.72	0.28	NM_201243	
Cpeb4	181	0.72	0.21	NM_026252.1	
4933407H18Rik	73	0.72	0.07	XM_132005	
Hps3	125	0.72	0.10	AK037829	
Plcb4	53	0.72	0.22	NM_013829.1	
Rnase1	42	0.72	0.13	NM_011271.2	
D330044F14Rik	50	0.72	0.22	AK084796	
A130010C12Rik	1022	0.72	0.16		
scl0003723.1_3	178	0.72	0.10		
Ky	108	0.72	0.14	AK047076	
Jmjd2a	58	0.72	0.15	NM_172382	
5330414D10Rik	402	0.72	0.08	NM_153594.2	
5830427D03Rik	87	0.72	0.20	NM_175232.2	
LOC381603	68	0.72	0.25	XM_355558.1	
Kiaa0298-hp	30	0.72	0.38	NM_181853.1	
B230323D24Rik	81	0.72	0.13	AK045917	
D330048F12Rik	86	0.72	0.20	AK052386	
Ncoa2	85	0.72	0.16	NM_008678	
Top2b	127	0.72	0.32	NM_009409.2	
Pde1c	95	0.72	0.28	NM_011054	

Spint1	42	0.72	0.10	NM_016907	
LOC228536	89	0.72	0.18	XM_130491.3	
Mast1	87	0.72	0.09	NM_019945.1	
Fbxl3a	237	0.72	0.10	NM_015822.1	
Zfp354a	93	0.72	0.06	NM_009329.2	
Fhod1	41	0.72	0.22	NM_177699	
Grm5	279	0.72	0.18	XM_149971.3	
Cdc40	317	0.72	0.08	XM_483893	
Cacna1d	73	0.72	0.16	NM_028981.1	
Cited2	750	0.72	0.08	NM_010828.1	
Ephb3	48	0.72	0.14	NM_010143.1	
Aldh6a1	621	0.72	0.17	NM_134042.1	
LOC240038	142	0.72	0.20	XM_139814.4	
Olf1189	32	0.72	0.19	NM_146772.1	
4930506L13Rik	32	0.72	0.38	NM_030188.2	
LOC385755	46	0.72	0.11	XM_358931.1	
LOC385310	49	0.72	0.20	XM_358182.1	
2410013l23Rik	211	0.72	0.26	AK035985	
Atp2a3	87	0.72	0.17	NM_016745.2	
4930503L19Rik	124	0.72	0.31	NM_172967	
4933434l06Rik	32	0.72	0.31	XM_283704.1	
5730538E15Rik	226	0.72	0.14	NM_173443.1	
Gprasp2	991	0.72	0.11	XM_142154.2	
A230075C01Rik	269	0.72	0.18	AK038916	
LOC386244	108	0.72	0.11	XM_359136.1	
LOC386506	57	0.72	0.20	XM_359354.1	
6530405K15Rik	31	0.72	0.13	AK032664	
Prpf39	106	0.72	0.49	NM_177806.2	
Dock9	39	0.71	0.31	XM_358315	
Msh3	50	0.71	0.28	NM_010829.1	
V1rd6	957	0.71	0.17	NM_030738.1	
Rusc2	86	0.71	0.04	XM_131380.3	
Tmprss7	64	0.71	0.16	NM_172455	
D4Erttd681e	209	0.71	0.22		
Dst	218	0.71	0.09	XM_149027.1	
Zfp160	253	0.71	0.22	NM_145483.1	
2310012P17Rik	39	0.71	0.35	NM_027142.1	
Bcar3	66	0.71	0.15	AK015763	
4921532K09Rik	36	0.71	0.54	NM_026149.2	
Pkp2	52	0.71	0.20	NM_026163.1	
Braf	209	0.71	0.12	XM_355754	
A930002F06Rik	81	0.71	0.09	AK044226	
LOC331752	42	0.71	0.20	XM_284930.2	
Papolg	456	0.71	0.23	NM_172555.1	
Tph1	37	0.71	0.22	NM_009414.1	
A930026H04Rik	33	0.71	0.20	AK044604	
C130020O07Rik	36	0.71	0.15	AK047905	
Shrm	68	0.71	0.14		
Cenpf	93	0.71	0.29	XM_129658.4	
LOC386063	61	0.71	0.43	XM_359050.1	
Idh1	1301	0.71	0.23	NM_010497	
Bhc80	53	0.71	0.04	NM_138755.1	
Zfp52	63	0.71	0.31	NM_144515.1	
LOC381609	90	0.71	0.23	XM_355565.1	
Pxn	42	0.71	0.12	NM_133915.1	
Pace4	103	0.71	0.22	XM_355911.1	
Pitpnm2	3668	0.71	0.10	NM_011256.1	
1810009B06Rik	43	0.71	0.25	NM_026192.1	
Stag1	127	0.71	0.16	AK043215	
2810002O09Rik	38	0.71	0.16	NM_175179	
scl0002084.1_607	132	0.71	0.15		
C130074J06Rik	30	0.71	0.23	AK081759	
Grip1	114	0.71	0.03	NM_133442.1	
LOC244666	33	0.71	0.20	XM_146570.2	
Emb	618	0.71	0.05	NM_010330.2	
Ripk5	65	0.71	0.27	NM_172516.2	
Rbms2	47	0.71	0.12	NM_019711.1	
Il1rap	341	0.71	0.21	NM_134103.1	

Usp40	88	0.71	0.18	XM_129956.2	
B230330J24Rik	32	0.71	0.50	AK045983	
D7Erttd743e	267	0.71	0.19	NM_153525.2	
Gats	291	0.71	0.11	XM_289726.2	
Zap70	84	0.71	0.19	NM_009539.2	
C130086J11Rik	44	0.71	0.16	AK081910	
Pcf11	365	0.71	0.14		
Tmem136	128	0.71	0.24		
1700071K18Rik	48	0.71	0.14	XM_133916.4	
Ogt	612	0.71	0.15	NM_139144.2	
A630024K09Rik	37	0.71	0.17	AK041609	
Usp13	40	0.71	0.25	XM_130826.3	
4930403C10Rik	37	0.71	0.07	XM_356034.1	
Tlr4	161	0.71	0.20	NM_021297.1	
Dyrk2	155	0.71	0.30		
Copg2	188	0.71	0.17	AK079599	
Lgi2	43	0.71	0.10	NM_144945	
Zfp189	119	0.71	0.29	NM_145547.1	
Celsr2	119	0.71	0.14	NM_017392.2	
Jph1	147	0.71	0.27	NM_020604.1	
Nt5c2	426	0.71	0.10	NM_029810.2	
2400003L07Rik	90	0.71	0.24	NM_178378.2	
AW124722	32	0.71	0.51	XM_139515.3	
Map4k3	584	0.71	0.04	XM_128800.4	
D330050I23Rik	300	0.71	0.24	NM_207269.1	
A130030D10Rik	40	0.71	0.26	NM_177783.2	
Snrpn	209	0.71	0.16	AF332579	
scl0001371.1_19	204	0.71	0.13		
Rufy3	314	0.71	0.19		
Cst7	33	0.71	0.32	NM_009977.1	
Ect2	247	0.71	0.26	AK040174	
Tacc3	65	0.71	0.06	NM_011524.1	
Acvr2	99	0.71	0.28	NM_007396.2	
C230091E03Rik	813	0.71	0.19	AK082704	
2010011I20Rik	339	0.71	0.13	NM_025912.2	
Esrrg	44	0.71	0.05	NM_011935.1	
Plekhb2	5115	0.71	0.13	NM_145516.1	
D030032D21Rik	292	0.71	0.10	AK083499	
Jak1	117	0.70	0.20	AK033004	
9630013A09Rik	623	0.70	0.10	AK035873	
2310005C01Rik	85	0.70	0.27		
2310067L16Rik	115	0.70	0.05	XM_193814.2	
C920006C10Rik	516	0.70	0.15	NM_133766.1	
Tnfrsf25	66	0.70	0.13	NM_033042	
Dgcr8	138	0.70	0.14	NM_033324.2	
Prdm8	34	0.70	0.26	NM_029947	
3110048E14Rik	61	0.70	0.02	NM_133750.2	
BC007180	44	0.70	0.17	XM_131217	
LOC233053	36	0.70	0.15	XM_133332.3	
Prkdc	316	0.70	0.20	NM_011159.1	
LOC277231	2165	0.70	0.20	XM_203691.3	
Rab11a	587	0.70	0.04	NM_017382.2	
9130223C08Rik	126	0.70	0.09		
AW125296	2941	0.70	0.21		
Mtus1	84	0.70	0.07	NM_178902.3	
LOC385992	35	0.70	0.17	XM_359028.1	
Plk4	89	0.70	0.20	NM_173169.1	
Gng4	667	0.70	0.08	NM_010317.2	
D030040K20Rik	43	0.70	0.20	AK050932	
Nbr1	387	0.70	0.21	NM_008676.1	
BC023928	697	0.70	0.18		
Kif24	45	0.70	0.11	NM_145101.1	
4732471D19Rik	518	0.70	0.05	NM_176987.2	
A630082K20Rik	967	0.70	0.18	XM_145254.3	
scl0002785.1_49	40	0.70	0.09		
Arhgap12	563	0.70	0.16	NM_029277.1	
4933400K24Rik	36	0.70	0.17	NM_198623.1	
B130017N24Rik	37	0.70	0.13	AK044987	

Kcnq1	37	0.70	0.25	NM_008434.1	
Mrs2l	61	0.70	0.22		
Nfya	158	0.70	0.21	NM_010913	
Ugp2	284	0.70	0.12	NM_139297.2	
2810453L12Rik	98	0.70	0.18	XM_131155.3	
scl0004023.1_57	151	0.70	0.12		
Pdk1	1144	0.70	0.08	NM_172665.1	
C330016F22Rik	32	0.70	0.07	AK049243	
Kif16b	164	0.70	0.16	XM_141392.3	
Nid2	3353	0.70	0.17	NM_008695.1	
E530011J04Rik	115	0.70	0.19	AK089133	
4932409G17Rik	63	0.70	0.02	AK029945	
BC010552	58	0.70	0.21	NM_145394.1	
Ptptra	368	0.70	0.10	NM_008980.1	
Arid4a	86	0.70	0.25	XM_354675.1	
6430411K14Rik	184	0.70	0.27		
2900019J01Rik	96	0.70	0.12	AK013560	
E430026H10Rik	235	0.70	0.13		
Tax1bp1	3410	0.70	0.12	NM_025816.1	
Taf4b	43	0.70	0.43	XM_128905.3	
Hcapg-pending	98	0.69	0.15	AK017756	
2410066K11Rik	40	0.69	0.33	XM_130319.3	
Slco1a5	31	0.69	0.06	NM_130861.1	
B930083E23Rik	80	0.69	0.21	AK047526	
Irs2	1216	0.69	0.09		
C530009C10Rik	74	0.69	0.21	XM_148467.1	
Bnip3	51	0.69	0.12	NM_009760.2	
4930544G21Rik	35	0.69	0.13	NM_172430	
Dock11	393	0.69	0.12	XM_486647	
E130103I17Rik	167	0.69	0.15	NM_181316.3	
Slc44a1	76	0.69	0.17		
6030434H13Rik	48	0.69	0.26	AK031451	
2510042P03Rik	311	0.69	0.08	XM_485010	
Mid2	423	0.69	0.19	AK085856	
Tdrd9	47	0.69	0.03	XM_127120.2	
LOC381285	135	0.69	0.27	XM_355225.1	
5031439A09Rik	48	0.69	0.10	NM_026582.2	
Dock4	53	0.69	0.03	XM_358307	
5830482F20Rik	30	0.69	0.29	NM_177158.2	
1810058K22Rik	46	0.69	0.11	XM_147917.1	
scl0002558.1_69	305	0.69	0.07		
4930442L21Rik	54	0.69	0.22	NM_026253.2	
0610041E09Rik	324	0.69	0.24	NM_025335	
2500004H21Rik	85	0.69	0.10	AK010874	
LOC236262	32	0.69	0.41	XM_135584.2	
LOC382896	36	0.69	0.30	XM_356740.1	
Zdhhc18	46	0.69	0.17		
Cdh2	199	0.69	0.21	AK084821	
Rorc	56	0.69	0.17	NM_011281.1	
6330416L11Rik	44	0.69	0.07	NM_027518.1	
LOC268597	52	0.69	0.19	XM_193164.2	
Arvcf	32	0.69	0.07	AK053865	
Sc4mol	263	0.69	0.11	NM_025436.1	
1110033M05Rik	122	0.69	0.09	XM_193728	
Cobll1	355	0.69	0.12	NM_177025	
LOC386298	32	0.69	0.40	XM_359163.1	
9630025O15Rik	37	0.69	0.14	AK035999	
LOC192775	109	0.69	0.11	XM_112511.2	
2810409M01Rik	35	0.69	0.27	AK013060	
Xlr4a	36	0.69	0.37		
BB128963	70	0.69	0.22	NM_172742	
Nap1l3	97	0.69	0.20	NM_138742.1	
1700015F03Rik	87	0.69	0.20	AK005991	
Rkhd2	227	0.69	0.15	XM_140436.5	
AI316802	95	0.69	0.21		
Phf6	809	0.69	0.25	NM_027642.1	
LOC236864	35	0.69	0.12	XM_135925.3	
Acrbp	33	0.69	0.04	NM_016845.1	



Peg13	32	0.69	0.28		
9530014D17Rik	349	0.69	0.05	AK035315	
A630026H08Rik	35	0.69	0.12	NM_175689.2	
Zfp748	50	0.69	0.18		
LOC383860	107	0.69	0.27	XM_130885.4	
Wdfy3	44	0.69	0.15	NM_172882.2	
Birc1b	104	0.69	0.09	NM_010872.1	
LOC381946	264	0.69	0.21	XM_358681.1	
8030402P03Rik	53	0.69	0.51	AK078743	
E430025E21Rik	178	0.69	0.23	NM_153548.2	
LOC381443	39	0.69	0.16	XM_355399.1	
Col11a1	38	0.69	0.05	NM_007729.1	
Lfng	34	0.69	0.36	NM_008494.2	
Rtn4	77	0.69	0.08	NM_194051.1	
Pcdh9	918	0.69	0.03	XM_139187	
A930001D11Rik	731	0.69	0.16	AK044207	
LOC380617	90	0.69	0.14	XM_149644.3	
39511	244	0.69	0.16		
Phkb	79	0.69	0.08	NM_199446.1	
AI428795	911	0.69	0.07	NM_024477	
4933412A06Rik	30	0.69	0.18	AK030177	
Plekha5	46	0.69	0.13	NM_144920.2	
3830421F13Rik	101	0.69	0.06	NM_027226.2	
2310035C23Rik	161	0.69	0.16	AK009628	
D030028A08Rik	38	0.69	0.06		
Srebf1	96	0.69	0.02	NM_011480.1	
Serinc1	6750	0.69	0.09		
Cse1l	1741	0.69	0.21	NM_023565.1	
Pask	33	0.68	0.37	NM_080850.1	
Card11	82	0.68	0.31	NM_175362.1	
Stxbp5l	448	0.68	0.15	NM_172440.1	
LOC631002	302	0.68	0.08		
LOC215493	33	0.68	0.22	XM_144044.2	
Negr1	96	0.68	0.17	NM_177274.2	
Adcy9	498	0.68	0.10	NM_009624.1	
D030016E14Rik	46	0.68	0.34	NM_177240.2	
1100001M03Rik	104	0.68	0.12	AK075617	
Eif3s6	143	0.68	0.12	NM_008388.1	
Mlr1	67	0.68	0.16	NM_172153.1	
6430510M02Rik	311	0.68	0.21	NM_176932.2	
LOC328526	1100	0.68	0.03	XM_283274.2	
2310010P21Rik	94	0.68	0.06	NM_198927	
Klhl8	86	0.68	0.03	NM_178741.2	
2610202E01Rik	33	0.68	0.06	XM_131071.2	
LOC232585	426	0.68	0.15	XM_145186.3	
Nfatc1	295	0.68	0.04	NM_016791	
A630036P20Rik	249	0.68	0.27		
A330094N15Rik	72	0.68	0.26	AK079644	
Slc7a11	63	0.68	0.04	NM_011990	
Sh3kbp1	196	0.68	0.09	NM_021389.3	
LOC384237	31	0.68	0.13	XM_357512.1	
Rab23	170	0.68	0.11	NM_008999.2	
C330027C09Rik	36	0.68	0.13	NM_172616.1	
Hmx1	30	0.68	0.15	NM_010445.1	
8430403J19Rik	115	0.68	0.14	AK033358	
Prkcn	175	0.68	0.23	NM_029239.2	
6330400D04	30	0.68	0.15		
Epha5	261	0.68	0.22	AK034289	
Zfyve1	153	0.68	0.15	NM_183154.1	
Slc33a1	36	0.68	0.44	NM_015728.3	
Usp31	33	0.68	0.16	XM_357781	
LOC233307	1068	0.68	0.22	XM_133529.2	
IGHV8S6_U23021	31	0.68	0.11		
B230326M20Rik	70	0.68	0.09	AK045953	
Crnk1l	164	0.68	0.22	NM_025820.1	
9430028F23Rik	36	0.68	0.32	AK034716	
C030033M12Rik	160	0.68	0.22		
LOC381270	570	0.68	0.08	XM_355213.1	

Adam4	34	0.68	0.03	NM_009620.1	
3300001A09Rik	827	0.68	0.07	XM_134869.3	
1110007A06Rik	88	0.68	0.26	NM_024288.1	
Defb51	38	0.67	0.24		
Atp11c	96	0.67	0.27	XM_135900.3	
Gpr3711	200	0.67	0.05	NM_134438.1	
Ikbb	51	0.67	0.09	NM_010546	
LOC193690	1552	0.67	0.32	XM_111637.4	
A430010E21Rik	143	0.67	0.39	AK039823	
Usp38	190	0.67	0.22	NM_027554.2	
3830404O05Rik	63	0.67	0.29	XM_133059.2	
B930024A20Rik	36	0.67	0.13	AK047124	
C030034J04Rik	42	0.67	0.22	NM_175023.1	
Net1	63	0.67	0.10	NM_019671	
Scin	1604	0.67	0.13	NM_009132.1	
Ssxb2	58	0.67	0.16		
Tnrc15	133	0.67	0.23	NM_146112.2	
4932442L08Rik	51	0.67	0.20	XM_135972.1	
Abcc1a	54	0.67	0.13	AK033750	
LOC381731	63	0.67	0.12	XM_355709.1	
2610510H01Rik	32	0.67	0.20	NM_173867	
Cacna1b	42	0.67	0.19	NM_007579.1	
Tec	109	0.67	0.21	NM_013689.2	
9030416H16Rik	665	0.67	0.21	XM_358357.1	
Cpne4	66	0.67	0.16	XM_135115.2	
Atad2	334	0.67	0.30	NM_153199.1	
LOC229395	49	0.67	0.13	XM_130929.4	
4930403J22Rik	163	0.67	0.15	XM_127899.4	
4933411B03Rik	35	0.67	0.26	XM_129333.4	
D10Ucla1	1559	0.67	0.07	NM_178606.2	
Stam2	93	0.67	0.25	NM_019667	
Plid1	469	0.67	0.06	XM_130807.1	
8030451N04Rik	679	0.67	0.06		
D530007E13Rik	45	0.67	0.35	AK085196	
2310004I03Rik	423	0.67	0.04		
Gm608	50	0.67	0.27		
Lphn3	143	0.67	0.24	XM_205556.3	
Socs2	725	0.67	0.08	NM_007706.1	
Tia1	147	0.67	0.08	AK009914	
Chrb1	33	0.67	0.10	NM_009601.3	
LOC384313	45	0.67	0.34	XM_357563.1	
AA589481	47	0.67	0.08	NM_172162.1	
2610034N15Rik	64	0.67	0.29		
C230009C22Rik	151	0.67	0.09	AK082118	
Sytl4	635	0.67	0.12	NM_013757.1	
G630023A01Rik	96	0.67	0.28		
B130039D17Rik	44	0.67	0.13	AK045133	
Dzip1	33	0.66	0.17		
B230114P05Rik	51	0.66	0.29	NM_172444.1	
1810073M12Rik	165	0.66	0.03	NM_181400	
E430030L01Rik	641	0.66	0.11	AK088897	
LOC385615	3211	0.66	0.18	XM_358790.1	
C630024B01Rik	41	0.66	0.56	AK049953	
9530020G05Rik	33	0.66	0.29	XM_145240.5	
B230209J16Rik	178	0.66	0.10	AK080803	
Dlgh1	96	0.66	0.19	NM_007862.2	
D130040H23Rik	32	0.66	0.16	NM_172491.1	
Kb37	35	0.66	0.16		
E330011I20Rik	301	0.66	0.29	AK054295	
Zfp780b	135	0.66	0.21		
E230027K01Rik	255	0.66	0.22	AK054197	
Klhl7	2077	0.66	0.07	NM_026448.1	
Zfp111	34	0.66	0.14	NM_019940.1	
4833416I09Rik	93	0.66	0.06	AK014709	
9330186A19Rik	980	0.66	0.13	NM_178781.2	
4933407L23Rik	64	0.66	0.21	AK030165	
Slc35a5	122	0.66	0.19	NM_028756.2	
LOC213332	35	0.66	0.20	XM_137057.2	

4932441K18Rik	859	0.66	0.09		
LOC382058	50	0.66	0.05	XM_356133.1	
Nt5c2l1	73	0.66	0.02	NM_176968.2	
B230380O10Rik	32	0.66	0.24	AK046412	
Usp53	178	0.66	0.18	NM_133857	
LOC382221	31	0.66	0.56	XM_356332.1	
LOC269628	41	0.66	0.08	XM_193319.2	
AW538212	56	0.66	0.13	XM_284088.2	
Zim1	93	0.66	0.18	NM_011769.3	
9530027K23Rik	80	0.66	0.07	NM_176838	
Rgpr	58	0.66	0.15	NM_033354.2	
Ccng2	559	0.66	0.10	NM_007635.2	
Ctsl	75	0.66	0.09	NM_009984.2	
Kif18a	234	0.66	0.27	NM_139303.1	
D330045A20Rik	536	0.66	0.22	NM_175326.2	
Tom1l2	73	0.66	0.05	NM_153080.1	
Zfp78	37	0.66	0.19	NM_177888.2	
9630025C22	37	0.66	0.16	NM_177597.2	
Arhgap19	31	0.66	0.38	XM_129333	
2610020J05Rik	41	0.66	0.18	AK011488	
BC027556	30	0.66	0.08	NM_153558.1	
LOC384508	31	0.66	0.12	XM_357681.1	
1500017E21Rik	42	0.66	0.21		
D630036G22Rik	134	0.66	0.14	AK085514	
2010300C02Rik	184	0.66	0.19	XM_129808.3	
2810022L02Rik	447	0.66	0.15	NM_144882.2	
LOC381066	317	0.66	0.21	XM_354986.1	
LOC380763	39	0.66	0.16	XM_358419.1	
LOC212728	37	0.66	0.22	XM_134604.2	
Nol4	447	0.66	0.15	NM_199024.1	
C730025B03Rik	257	0.66	0.34	AK050176	
Rpgr	41	0.65	0.22	NM_011285.1	
Rnf38	100	0.65	0.25	NM_175201	
4933439F18Rik	49	0.65	0.22	AK017120	
4933440H19Rik	39	0.65	0.10	NM_194335.1	
lds	1049	0.65	0.08	NM_010498.1	
Ctrb1	32	0.65	0.28	NM_025583.1	
Masp2	52	0.65	0.23	NM_001003893	
6030419I20Rik	32	0.65	0.20	AK031385	
3110007P09Rik	83	0.65	0.15	NM_144906	
Zfp817	36	0.65	0.08		
Vwf	133	0.65	0.05	NM_011708.2	
Olf1r91	33	0.65	0.16	NM_182714.1	
Hmgcr	653	0.65	0.20	XM_127496.5	
Pms1	39	0.65	0.35	NM_153556.1	
Card12	46	0.65	0.11	XM_197335.3	
mKIAA1686	36	0.65	0.06	AK129423	
Hs3st1	306	0.65	0.04	NM_010474.1	
Ythdc2	130	0.65	0.11	XM_140310.4	
Ssr1	107	0.65	0.02	NM_025965	
Zfp11	137	0.65	0.17	NM_172462.1	
Dgkg	820	0.65	0.07	NM_138650.1	
Parg	32	0.65	0.14	AK080306	
B830020B14Rik	262	0.65	0.14	AK046833	
LOC380646	40	0.65	0.13	XM_354555.1	
Tens1	110	0.65	0.07	XM_109868	
2610034N03Rik	37	0.65	0.15	NM_025478.2	
D230036F23Rik	48	0.65	0.14	AK084394	
Carf	34	0.65	0.19	NM_139150.1	
2310009M18Rik	44	0.65	0.22	AK009255	
C230029D21Rik	52	0.65	0.03	NM_177116.2	
A330086O21Rik	39	0.65	0.23	AK039686	
4732496G21Rik	51	0.65	0.35	NM_177088.1	
AB041568	104	0.65	0.08	AK089856	
Evi1	72	0.65	0.16	NM_007963.1	
D030011M22Rik	79	0.65	0.17	AK050726	
Rps6ka5	95	0.65	0.14	NM_153587.1	
E330022K08Rik	288	0.65	0.17	AK054402	

scl0002434.1_7	42	0.65	0.23		
Plod2	280	0.65	0.15	NM_011961	
Rab27b	144	0.64	0.14	NM_030554.1	
A730024F05Rik	119	0.64	0.16	NM_198295.1	
AI854408	102	0.64	0.29	NM_172538.2	
E330020K23Rik	35	0.64	0.09	AK087789	
9626962_211_rc	167	0.64	0.05		
Msh2	49	0.64	0.18	AK078775	
Ptpf	65	0.64	0.02	NM_011213.1	
4732474K08Rik	33	0.64	0.15	AK028961	
Arhgap18	100	0.64	0.16	NM_176837.1	
0610010D24Rik	36	0.64	0.20	NM_026681.1	
AK129341	244	0.64	0.21		
1810064L21Rik	58	0.64	0.22	AK007954	
AI316828	66	0.64	0.43		
scl000661.1_44	37	0.64	0.24		
Dgkh	74	0.64	0.01	XM_484397	
LOC232532	613	0.64	0.22	XM_132963.2	
Egr1	1394	0.64	0.21	NM_007913.2	
scl0003067.1_7	33	0.64	0.14		
Mlit10	33	0.64	0.25	NM_010804	
Chm	36	0.64	0.29	NM_018818.1	
BC006583	95	0.64	0.02	NM_145574.1	
LOC280097	44	0.64	0.24	XM_207108.3	
E030045B01Rik	57	0.64	0.21	AK087325	
Crbn	112	0.64	0.18	NM_175357.1	
scl000981.1_40	183	0.64	0.06		
Tcra-V8	30	0.64	0.08	XM_359269.1	
scl0004040.1_123	82	0.64	0.11		
scl000636.1_46	54	0.64	0.14		
C230066H01Rik	58	0.64	0.22	AK082583	
A330057G13Rik	79	0.64	0.12	AK039536	
Cova1	140	0.64	0.03	NM_145951.2	
Usp25	110	0.64	0.17	AK011798	
LOC243905	30	0.64	0.12	XM_145503.2	
LOC329164	123	0.64	0.10	XM_286972.2	
Nbea	53	0.64	0.11	AK029239	
D930044O18Rik	356	0.64	0.14	AK086668	
5830445O15Rik	42	0.64	0.18	XM_485053	
4932415A06Rik	47	0.63	0.19	XM_357975.1	
Dyrk1b	87	0.63	0.16	XM_147324.1	
Fbxo32	367	0.63	0.05	NM_026346.1	
scl0002050.1_27	130	0.63	0.14		
Rfx3	66	0.63	0.13	NM_011265.2	
Ulk2	277	0.63	0.09	NM_013881.3	
Sgip1	129	0.63	0.15		
Cic	135	0.63	0.25	NM_027882.2	
Mtx2	40	0.63	0.25	NM_016804.2	
E030038G15Rik	33	0.63	0.20	AK053210	
Jmy	116	0.63	0.19	NM_021310	
A930001N09Rik	40	0.63	0.13	NM_029870.1	
A130001G05Rik	50	0.63	0.36		
5730469D23Rik	40	0.63	0.33	NM_172712	
D230019G01Rik	34	0.63	0.08	AK051921	
Zfh4	251	0.63	0.17	NM_030708.1	
Zfp606	53	0.63	0.29	NM_026112.2	
Copb1	33	0.63	0.21	NM_033370	
AV344025	323	0.63	0.07	NM_178927.2	
E430033D06Rik	51	0.63	0.31	AK088950	
Dsp	39	0.63	0.11	XM_357804.1	
scl0002180.1_25	82	0.63	0.14		
Syt14	57	0.63	0.31	NM_181546.2	
Zfp288	229	0.62	0.16	AK034574	
Gyk	38	0.62	0.26	NM_212444.1	
BC065085	230	0.62	0.07		
Ppap2b	305	0.62	0.13	NM_080555.1	
Smchd1	100	0.62	0.26		
C230091E20Rik	36	0.62	0.34	AK049009	

LOC330267	120	0.62	0.11	XM_287555.2	
D330034K12Rik	39	0.62	0.26	AK052345	
1110036I07Rik	532	0.62	0.05		
D17Etd488e	111	0.62	0.05	NM_177465.2	
3100003M19Rik	56	0.62	0.20	AK013928	
Ezh1	49	0.62	0.07	NM_007970	
Gm609	36	0.62	0.07		
Pdlim4	48	0.62	0.28	NM_019417.1	
9430043H11Rik	57	0.62	0.10	AK034822	
LOC240456	40	0.61	0.14	XM_140547.3	
8030479K13Rik	51	0.61	0.36	AK033268	
Fsip1	41	0.61	0.20	NM_027759.1	
Sec8	30	0.61	0.21	AK014499	
Npcd	36	0.61	0.23		
AU040576	112	0.61	0.20	NM_178642.3	
D14Abb1e	45	0.61	0.13	XM_127656.4	
Cntn1	59	0.61	0.39	NM_007727.1	
4732477G22	107	0.61	0.05	XM_355746.1	
6430407L02Rik	91	0.61	0.11	AK032179	
Lin7c	294	0.61	0.22	NM_011699	
C630029H24Rik	57	0.61	0.11	AK083224	
A430071O12Rik	30	0.61	0.14	AK040168	
Pik3c2a	313	0.61	0.17	NM_011083.1	
Zfp667	67	0.61	0.03		
3110045I18Rik	105	0.61	0.05	AK014181	
LOC381166	42	0.61	0.21	XM_355088.1	
G630019A19Rik	51	0.61	0.15	AK090210	
LOC211085	35	0.61	0.06	XM_139357.2	
B130038B15Rik	62	0.61	0.21		
5830435K17Rik	146	0.61	0.12	NM_175318.2	
Neurod4	57	0.61	0.23	NM_007501.2	
Tbc1d12	96	0.61	0.19	NM_145952.1	
9627020_131	30	0.61	0.18		
Cdc14a	43	0.61	0.20	XM_149387.3	
Cds1	46	0.61	0.06	NM_173370.3	
A030006P16Rik	108	0.61	0.09		
Atrx	80	0.61	0.36	NM_009530.1	
A530089I17Rik	107	0.60	0.33	NM_133999.1	
AI987712	499	0.60	0.14	NM_178921	
B230312I18Rik	41	0.60	0.16	NM_172740.1	
D030017L14Rik	138	0.60	0.13		
ORF34	40	0.60	0.23	NM_198105.1	
Slc25a30	73	0.60	0.26	NM_026232.1	
Kif9	64	0.60	0.21	NM_010628.1	
LOC386268	34	0.60	0.20	XM_359148.1	
9030227G01Rik	30	0.60	0.22	NM_177136.2	
6030405P19Rik	43	0.60	0.20	AK020047	
B230309H04Rik	56	0.60	0.15	AK045750	
C230026C11	153	0.60	0.16		
9430068D06Rik	183	0.60	0.14	AK020478	
6720456H20Rik	40	0.60	0.05	NM_172600.2	
Mbd5	329	0.60	0.03	XM_283719	
6720427H10Rik	63	0.60	0.06		
9130023F12Rik	87	0.60	0.13	AK018647	
9430076M13	82	0.60	0.16		
A630005A05Rik	44	0.60	0.11	AK041358	
3222402P14Rik	146	0.60	0.12	XM_135153.4	
Ttk	39	0.60	0.28	NM_009445.1	
B630005N14Rik	118	0.60	0.29	NM_175312.2	
9630044E13Rik	68	0.60	0.13	AK036177	
BC005471	135	0.59	0.10	NM_145612.1	
Gabrg3	50	0.59	0.20	AK046483	
2310034L04Rik	111	0.59	0.06	NM_026417	
Nap115	179	0.59	0.03	NM_021432.1	
D330035D07Rik	31	0.59	0.38	AK052347	
4930589M24Rik	47	0.59	0.17	XM_125625.2	
Trim37	64	0.59	0.34	NM_197987.1	
Flrt3	72	0.59	0.23	NM_178382.2	

Stk32a	201	0.59	0.09	NM_178749.2	
mKIAA0728	65	0.59	0.04	AK129201	
Myh14	88	0.59	0.17	NM_028021.1	
Man1a	128	0.59	0.18	AK028996	
Cat	151	0.59	0.14	NM_009804	
4932701K03Rik	114	0.59	0.33	AK077063	
Bmp8b	47	0.59	0.13	NM_007559.2	
Abca8b	31	0.59	0.08	NM_013851.1	
Egr2	31	0.59	0.33	NM_010118.1	
Zfp758	54	0.59	0.19		
LOC382117	32	0.59	0.20	XM_356203.1	
Ctcf	49	0.59	0.05		
Zap3-pending	39	0.59	0.04	AK044440	
A830083H19Rik	67	0.59	0.15	AK044043	
B930037P14Rik	46	0.58	0.13		
Sptlc2	58	0.58	0.26	NM_011479	
Osp94	39	0.58	0.21	NM_011020.3	
Cyp1b1	31	0.58	0.31	NM_009994	
6030470M02Rik	145	0.58	0.15	NM_177119.2	
Pftk1	92	0.58	0.06	AK083269	
Ccni	90	0.58	0.02	NM_017367.2	
Actr8	36	0.58	0.18	NM_027493.1	
Cbfa211h	337	0.58	0.16	AK049615	
D130032118Rik	33	0.58	0.17	AK051308	
St18	324	0.57	0.16	NM_173868.1	
Shoc2	106	0.57	0.12	NM_019658.2	
Tmeff1	71	0.57	0.08	NM_021436.1	
LOC270017	48	0.57	0.21	XM_194393.3	
B230369O03Rik	44	0.57	0.35	AK046319	
A530021P12Rik	34	0.57	0.04	AK040738	
LOC380876	48	0.57	0.10	XM_354782.1	
4921507P07Rik	63	0.57	0.17	NM_027564.1	
A430075F05Rik	36	0.57	0.20	AK040185	
Pik3r4	31	0.57	0.15	XM_356182.1	
9630037P07Rik	706	0.57	0.06	XM_149022	
C130020P08Rik	42	0.57	0.20	AK047906	
C430045L21Rik	33	0.57	0.18	AK049578	
5830467J12Rik	87	0.57	0.14	XM_489373	
Mesp1	59	0.57	0.07	NM_008588.1	
A530020A01Rik	49	0.56	0.13	AK040719	
Zdhhc17	177	0.56	0.19		
Apoa5	37	0.56	0.04	NM_080434.2	
A330049H05Rik	67	0.56	0.06	AK039482	
C130022C01Rik	131	0.56	0.30	AK047928	
Dppa3	42	0.56	0.37	NM_139218.1	
9130004J05Rik	46	0.56	0.17		
Polr3c	33	0.56	0.20	XM_131049.2	
6330406P08Rik	416	0.56	0.15	NM_028710.1	
scl0001345.1_85	99	0.56	0.26		
B930083D07Rik	40	0.56	0.15	AK047525	
LOC382017	38	0.56	0.08	XM_356086.1	
Tmtc4	100	0.56	0.21		
LOC245305	47	0.56	0.27	XM_143022.4	
Ghr	138	0.56	0.14	AK053579	
A230069H10Rik	37	0.55	0.08	AK038863	
Ccdc39	43	0.55	0.28		
LOC383304	57	0.55	0.14	XM_356975.1	
A830080D01Rik	296	0.55	0.19	XM_356366	
Traf3ip1	45	0.55	0.09	XM_129927.2	
LOC217602	38	0.55	0.30	XM_126988.2	
Tbx6	50	0.55	0.19	NM_011538.1	
Nek11	44	0.55	0.10	NM_172461.1	
Lrrn3	857	0.55	0.03	NM_010733.2	
LOC245695	82	0.55	0.29	XM_142305.2	
Ntn4	67	0.55	0.06	NM_021320	
9130427A09Rik	93	0.55	0.17	NM_026240.1	
9530051E06Rik	33	0.54	0.11	AK035457	
Sfrp5	56	0.54	0.15	NM_018780.2	

LOC386101	33	0.54	0.19	XM_359070.1	
4732477G22Rik	1271	0.54	0.03	AK028980	
A030001L21Rik	31	0.54	0.19	AK037153	
LOC226106	78	0.54	0.15	XM_123446.2	
BC023814	39	0.54	0.20	NM_153562	
Ldlr	53	0.54	0.16	AK018697	
6330439K17Rik	42	0.54	0.31		
Muc1	44	0.54	0.25	NM_013605.1	
LOC235860	43	0.54	0.08	XM_142431.1	
Dnahc11	78	0.54	0.08		
D430033N04Rik	32	0.54	0.22	NM_146039.2	
Dnajc5b	37	0.54	0.10	NM_025489.2	
Insrr	63	0.54	0.10	AK081512	
B230217N24Rik	31	0.54	0.23	AK049011	
D10628	46	0.54	0.14	XM_139876.2	
Inpp5b	33	0.53	0.20	NM_008385.3	
Rreb1	58	0.53	0.14		
LOC382194	31	0.53	0.13	XM_356302.1	
6230425C21Rik	98	0.53	0.13	AK012678	
Daf1	99	0.53	0.09	NM_010016.1	
LOC328644	61	0.53	0.12	NM_198629	
LOC215948	43	0.53	0.39	XM_137067.5	
Gp1bb	197	0.53	0.07	NM_010327.1	
A230057M07Rik	512	0.53	0.06	AK038731	
Hpd	98	0.53	0.06	NM_008277.1	
E430012K20Rik	47	0.53	0.18	XM_130845.4	
Diap3	86	0.53	0.30	NM_019670	
Senp6	32	0.52	0.05	NM_146003.2	
E230031K19	185	0.52	0.09	NM_172786.1	
Kcnq4	31	0.52	0.11	XM_143960.4	
Garnl1	36	0.52	0.43	NM_019994.3	
C030039L03Rik	31	0.52	0.35	NM_198417.1	
Tnpo1	46	0.52	0.14	NM_178716	
St8sia4	1094	0.52	0.09		
4930513E20Rik	72	0.52	0.16	XM_149158.1	
E130119H03Rik	30	0.52	0.48	AK053659	
D630024O03Rik	30	0.52	0.27	AK085434	
C030013C21Rik	34	0.51	0.14		
Fundc2	69	0.51	0.19	NM_026126.2	
scl0002702.1_380	370	0.51	0.18		
Dock10	99	0.51	0.08	XM_129913.4	
Stk39	1027	0.51	0.07	NM_016866.2	
LOC381376	52	0.50	0.12	XM_355341.1	
Lrch2	40	0.50	0.13	XM_204439.3	
Sema5a	197	0.50	0.20	AK043386	
E330029L20Rik	62	0.50	0.33	AK087849	
A430107O13Rik	30	0.49	0.26	AK040587	
BC024760	45	0.49	0.11		
A230013K13Rik	36	0.49	0.16	AK038454	
D930028F11Rik	42	0.49	0.20		
2210010B09Rik	44	0.49	0.02	NM_172919	
5930437C20Rik	34	0.49	0.15	AK031249	
Nedd9	2038	0.49	0.11	NM_017464.2	
Smc4l1	87	0.49	0.16	NM_133786.3	
Rgnef	35	0.48	0.11	NM_012026	
Zcchc11	58	0.47	0.09	NM_175472.2	
Ccdc68	227	0.47	0.07		
Ncam2	66	0.47	0.10	NM_010954.2	
Pcdh10	31	0.47	0.14	NM_011043.2	
Fos	1436	0.47	0.14	NM_010234.2	
D230045G11Rik	37	0.46	0.19	AK052091	
LOC384189	57	0.46	0.16	XM_357477.1	
Mapk10	38	0.46	0.15	NM_009158	
Ccdc109a	81	0.45	0.22		
Akr1c14	55	0.45	0.09		
Pglyrp3	57	0.45	0.20	NM_207247	
D030013I16Rik	33	0.45	0.22		
C430010P07Rik	133	0.44	0.06	NM_177645.2	

Chrna9	36	0.44	0.11	XM_132045.2	
Plscr4	404	0.44	0.04	NM_178711.2	
LOC381749	61	0.43	0.07	XM_355739.1	
Zfp457	72	0.43	0.16		
9.13002E+15	395	0.42	0.10		
6820437F20Rik	36	0.42	0.06	AK078535	
4933425I22Rik	32	0.42	0.22	XM_485421	
Trpc4	31	0.41	0.38	NM_016984.1	
Spag6	39	0.41	0.25	AK054199	
Birc1g	34	0.40	0.13		
Dixdc1	38	0.40	0.09	NM_178118	
Lrrc17	153	0.40	0.15		
D130078K04Rik	39	0.39	0.04	AK051779	
C230009H10Rik	163	0.38	0.12	NM_177153.2	
Tmprss2	133	0.38	0.06	NM_015775.2	
Krt1-23	305	0.38	0.09	NM_033373.1	
A630064P09Rik	34	0.37	0.16	AK042161	
Tnrc9	43	0.36	0.13	NM_172913.1	
Ptptr	57	0.34	0.19	NM_021464.1	
Bmf	33	0.34	0.19	NM_138313.2	
Aox3	50	0.22	0.07	NM_023617.1	