

Gene expression changes and molecular pathways mediating activity-dependent plasticity in Tropea et al

Monocular deprivation (4 days) versus control

Downregulated

Significance criterion = 0.01

i	affyid	p	data	control	gene
1	1445805_x_at	0	1648.67	2595.4	Kcnh3
2	1454671_at	0.000007	490.73	595.23	Insig1
3	1420901_a_at	0.000008	3185.2	4790.07	Hk1
4	1423560_at	0.000009	1211.87	2468.47	Nell2
5	1424400_a_at	0.000009	1106.87	1547.73	Aldh11
6	1424459_at	0.000009	1496.77	2685.7	BC005662
7	1440407_at	0.000009	433.17	960.27	---
8	1423749_s_at	0.000013	1376.5	1836.1	Rangap1
9	1423044_at	0.000014	1345.87	1864.07	Prosc
10	1420807_a_at	0.000016	513.93	809.57	Egfl9
11	1423823_at	0.000017	1046.3	1186.63	2610012O22Rik
12	1426699_at	0.000017	268.17	431.5	AU040320
13	1417042_at	0.000018	869.03	1130.73	Slc37a4
14	1460663_at	0.000018	454.17	1008.23	Cckbr
15	1423909_at	0.000019	642.53	786.93	0610011104Rik
16	1429039_s_at	0.00002	568.27	894.7	1500034J01Rik
17	1430514_a_at	0.000022	388.57	598.6	2410026K10Rik
18	1422605_at	0.000028	1460.13	2422.23	Ppp1r1a
19	1423721_at	0.000028	1057.87	1517.03	Tpm1
20	1449960_at	0.000028	153.33	866.23	Nptx2
21	1424476_at	0.00003	343.33	1010.83	Camkk2
22	1451007_at	0.000033	125.9	248.2	Cnnm2
23	1451226_at	0.000034	1015.93	1644.77	Pex6
24	1434762_at	0.000038	363.67	515.77	A730041O15Rik
25	1433429_at	0.000042	855.93	1046.63	Pigs
26	1453419_at	0.000044	2625.47	4014.57	2900078C09Rik
27	1418370_at	0.000045	291.9	1017.13	Tnnc1
28	1449977_at	0.000052	263.83	711.43	Egr4
29	1424345_s_at	0.000055	1666.47	2247.47	Ube2m
30	1451992_at	0.00006	1646.07	2355.17	Adrbk1
31	1436094_at	0.000064	1962.47	3452.77	---
32	1455462_at	0.000065	2796.3	4038	Adcy2
33	1415964_at	0.000066	1767.83	2509.97	Scd1
34	1423794_at	0.000068	705.3	895	D2Erttd391e
35	1435117_a_at	0.000069	2834.67	3555.57	C330021A05Rik
36	1437386_at	0.000069	1657.63	3225.83	Lrrn6a
37	1448332_at	0.000071	775.67	1224.17	Pex19
38	1460286_at	0.000071	1296.23	1811.43	6-Sep
39	1421255_a_at	0.000074	750	1599.67	Cabp1
40	1424581_at	0.000075	580.2	1078.27	Stac2
41	1453093_at	0.000075	416.7	783.53	Rasgef1c
42	1424530_at	0.000077	372.73	626.73	Sec14l2
43	1431936_a_at	0.000077	226.03	320.63	Neu2
44	1418187_at	0.000079	457.53	579.1	Ramp2

45	1428723_at	0.000082	390.1	511.43	2310047M10Rik
46	1434381_at	0.000086	393.1	631.03	BC060631
47	1418181_at	0.000089	689.5	898.4	Ptp4a3
48	1427897_s_at	0.000089	1539.57	1924	2400003N08Rik
49	1428986_at	0.000094	6818.8	13251.63	Slc17a7
50	1436952_at	0.000096	277	428.33	Klf9
51	1460566_at	0.000096	3907.67	5918.03	LOC545454
52	1442166_at	0.000098	1335.57	2073.63	Cpne5
53	1427230_at	0.000108	676.53	770.43	B930041F14Rik
54	1436216_s_at	0.000108	627.73	1267.4	2610204M08Rik
55	1455714_at	0.000108	1558.83	3193.13	Gm691
56	1449956_at	0.00011	2168.23	3768.03	Prkce
57	1424178_at	0.000118	1155.8	1715.83	Tmem38a
58	1436327_a_at	0.000122	182.03	319.53	3100002B05Rik
59	1420904_at	0.000123	176.2	264.07	Ii17r
60	1425248_a_at	0.000128	1813.47	2664.2	Tyro3
61	1433566_at	0.000132	2395.63	3145.73	Rasl10b
62	1425833_a_at	0.000136	4200.27	7442.53	Hpca
63	1415956_a_at	0.000142	2803.4	4046.93	Pctk1
64	1450910_at	0.000146	4791.37	7114.33	Cap2
65	1418078_at	0.00015	948.6	1445.57	Psme3
66	1440455_at	0.000154	4414.9	5955.83	Al848599
67	1460205_at	0.000155	498.63	612.17	6720485C15Rik
68	1436754_at	0.000156	1707.07	2111.13	Al839735
69	1436526_at	0.000157	833.57	1051.63	Gnptg
70	1421535_a_at	0.000167	412.07	589.83	Pde4a
71	1453297_at	0.000167	2068	2781.4	4933417O08Rik
72	1427113_s_at	0.000169	1407.4	2055.87	2700049H19Rik
73	1426945_at	0.000173	2057.4	2972.4	Ranbp5
74	1434657_at	0.000175	7472.93	10753.97	Gls
75	1419389_at	0.00018	200.23	365.9	Pde10a
76	1448891_at	0.000187	224.8	260.07	Msr2
77	1418053_at	0.000192	4577.13	7433.07	Sncb
78	1417050_at	0.000193	6565.03	7958.03	C1qtnf4
79	1434125_at	0.000194	483.37	566.3	Utp15
80	1449471_at	0.000196	3158	4086.53	Kcnmb4
81	1421124_at	0.000198	548.2	1300.23	Cdk5r1
82	1424146_at	0.000199	3758.2	5767.03	Gpr3711
83	1448378_at	0.000202	1428.03	3224.2	Fscn1
84	1453273_at	0.000203	690.97	1253.3	Kcnv1
85	1427189_at	0.000205	491.43	697.43	Arih1
86	1422619_at	0.000212	464.8	629.37	Ppap2a
87	1418079_at	0.000213	804.07	1176.2	Psme3
88	1422580_at	0.000213	646.03	1257.23	Myl4
89	1423449_a_at	0.000215	1191.3	1762.83	Actn4
90	1439578_at	0.000222	880.97	1344.2	Lsm11
91	1418457_at	0.000226	926.83	1475.53	Cxcl14
92	1460393_a_at	0.000228	459.83	719.7	Dusp7
93	1451935_a_at	0.000229	558.53	659.97	Spint2
94	1435677_at	0.000233	468.23	767.3	C85492
95	1451072_a_at	0.000236	949.1	1348.8	Rnf4
96	1427735_a_at	0.00024	637.13	1000.8	Acta1

97	1436373_at	0.000241	328.87	537.63	Map3k10
98	1423561_at	0.000247	3626.4	5737.9	Nell2
99	1434575_at	0.000249	2711.7	3723.1	Epb4.1l1
100	1434610_at	0.00025	1212.2	1473.67	Plec1
101	1454159_a_at	0.000252	876.07	1915.33	Igfbp2
102	1416754_at	0.000254	4351.47	8472.7	Prkar1b
103	1417313_at	0.000258	536.43	961.6	Lsm7
104	1451663_a_at	0.000261	2203.43	2497.73	Trim3
105	1448130_at	0.000262	1759.1	2579.4	Fdft1
106	1416516_at	0.000264	350.07	1262.4	Fscn1
107	1447634_x_at	0.000267	109.1	141	Chc1l
108	1421123_at	0.000277	335.1	869.97	Cdk5r1
109	1417035_at	0.000278	797.13	1038.97	Sac3d1
110	1424132_at	0.000279	847.2	1311.3	Hras1
111	1442883_s_at	0.000281	3433.43	5168.4	D10Bwg1364e
112	1435790_at	0.000285	1776.87	2631.67	Olfm2
113	1454780_at	0.000285	660.23	836.1	Galnt14
114	1433695_at	0.000289	2782.17	3052.37	1500041B16Rik
115	1421606_a_at	0.000293	2418	3884.8	Sult4a1
116	1436642_x_at	0.000299	416.97	512	---
117	1449380_at	0.0003	4633.93	7426.67	Pacsin1
118	1428753_a_at	0.000301	959.27	1418.6	Dgcr6
119	1424633_at	0.000305	775.03	1565.47	Camk1g
120	1440133_x_at	0.000305	3711.37	8651.53	Prkar1b
121	1423816_at	0.000308	3224.43	6870.33	Cxx1b
122	1433899_x_at	0.000309	1783.5	3018.2	Tsc22d1
123	1416278_a_at	0.000312	7994.33	10793.77	Atp5o
124	1419680_a_at	0.000315	338.1	461.6	Elac2
125	1416883_at	0.000318	2768.7	4368.27	Clptm1
126	1434761_at	0.000318	584.1	980.87	Lrrtm3
127	1445878_at	0.000319	52.03	114	C920006O11Rik
128	1423940_at	0.000324	463.8	630.97	Yif1a
129	1426055_a_at	0.000327	334.73	527.8	Pigg
130	1428165_at	0.000331	736.53	886.7	Vps24
131	1429290_at	0.000334	4479.23	6102.57	Cbx6
132	1422967_a_at	0.000337	115.47	254.43	Tfrc
133	1451943_a_at	0.000339	1288.1	1756.77	Ppm1a
134	1455896_a_at	0.000343	1374.7	2037.43	Kcnk1
135	1439333_at	0.000344	1350.23	2247.47	Kcnv1
136	1448956_at	0.000346	1780.9	2805.2	Stard10
137	1451427_a_at	0.000346	256.5	412	Egfl7
138	1428964_at	0.000346	1255.13	1715.17	Slc25a18
139	1436702_at	0.000349	1655.03	2589.03	BC034068
140	1456838_at	0.000351	441.3	848.17	LOC237403
141	1417664_a_at	0.000359	4353.47	6370.07	Ndr3
142	1415978_at	0.00037	2640.53	3659.23	Tubb3
143	1419742_at	0.00037	514.23	753.4	1700037H04Rik
144	1434612_s_at	0.00037	1348.13	1735.97	Sbno1
145	1459107_at	0.000373	1568.9	2525.77	Kcnh3
146	1449381_a_at	0.000376	2571.57	3607.63	Pacsin1
147	1422733_at	0.000382	904.23	1450.9	Fjx1
148	1419223_a_at	0.000383	1019.1	1492.2	Dtna

149	1422936_at	0.000383	117.27	202.13	Mas1
150	1434707_at	0.000391	1519.27	2053.53	Sbf1
151	1426667_a_at	0.000393	1137.83	1744.37	Unc84a
152	1425110_at	0.000397	433.37	621.13	Sorcs3
153	1449590_a_at	0.000398	605.77	921.53	Mras
154	1431137_at	0.000408	1111.03	1656.37	Rusc1
155	1427708_a_at	0.000412	80	185.3	Nf2
156	1449511_a_at	0.000413	2119.8	2719.37	Ssbp4
157	1431749_a_at	0.000415	408.4	903.3	Rasgrp1
158	1417080_a_at	0.000418	625.63	721.13	MGI:1349469
159	1419655_at	0.000421	641.8	957.93	Tle3
160	1452782_a_at	0.000426	980.73	1393.13	Txn2
161	1441718_at	0.000427	101.23	221.37	4432411E13Rik
162	1448164_at	0.000429	3163.93	5146.23	Klhdc3
163	1448247_at	0.00043	874.17	974.53	Bcl7b
164	1422134_at	0.000431	98.67	298.37	Fosb
165	1434900_at	0.000437	1075.7	1369	Mkl1
166	1422807_at	0.000438	1115.03	1747.6	Arf5
167	1428123_at	0.000439	106	216.67	2610528K11Rik
168	1421348_a_at	0.00044	2814.3	3619.87	1500001H12Rik
169	1449111_a_at	0.000444	1369.9	1823.83	Grb2
170	1419184_a_at	0.000447	1001.2	1544.13	Fhl2
171	1419737_a_at	0.000447	5204.43	8303.07	Ldh1
172	1423785_at	0.000448	2107.2	2699.87	Egln1
173	1417876_at	0.000449	95.27	159.97	Fcgr1
174	1416718_at	0.000454	1529.9	2293.53	Bcan
175	1437944_at	0.000455	215.67	542.4	Shc2
176	1416515_at	0.000461	649.2	2213.03	Fscn1
177	1422407_s_at	0.000464	2195.57	3331.57	Hras1
178	1424981_at	0.000465	213.5	306.1	Nln
179	1426249_at	0.000472	3417.13	4548.83	Adrbk1
180	1429533_at	0.000475	587.13	904.57	Immt
181	1433819_s_at	0.000475	1599.8	1863.67	Agpat3
182	1432029_a_at	0.000476	1339.2	2090.7	Smap1
183	1423333_at	0.000482	399.47	841.47	1200007D18Rik
184	1419710_at	0.000484	604.17	1604.47	Nxph3
185	1425572_a_at	0.000485	1362.37	2453.17	Ddef1
186	1418451_at	0.000491	587.07	822.8	Gng2
187	1416492_at	0.000494	266.33	401.3	Ccne1
188	1441894_s_at	0.000501	2864.1	5767.47	Grasp
189	1450008_a_at	0.000508	3872.63	4658.33	Ctnnb1
190	1419398_a_at	0.000511	3158.77	4666.3	Dp1
191	1425525_a_at	0.000512	339.1	578.1	P2rx4
192	1454692_x_at	0.000514	701.83	1408.2	---
193	1447449_at	0.000517	124.47	284.9	---
194	1417959_at	0.000523	1178.83	1378.4	Pdlim7
195	1424196_at	0.000528	937.67	1184.83	Yipf1
196	1428777_at	0.000536	951.27	1191.9	Spred1
197	1421396_at	0.000539	237.73	467.37	Pcsk1
198	1433993_at	0.00054	611	691.17	4931406P16Rik
199	1422153_a_at	0.000541	171.23	282.7	Asb11
200	1460498_a_at	0.000541	540.93	967.27	Dnajc5

201	1426738_at	0.000544	2345.17	3526.6	Dgkz
202	1449980_a_at	0.000544	1549.27	1904.63	Gabrd
203	1444723_at	0.000544	516.77	832.6	6530418L21Rik
204	1454871_at	0.000544	342.53	595.67	Rbm15b
205	1437078_at	0.000545	697.43	1031.93	Vps52
206	1434325_x_at	0.000552	16705.13	24930.6	Prkar1b
207	1447965_at	0.000553	127.13	222.43	C80012
208	1429392_at	0.000553	525	645.03	Wdr40a
209	1421486_at	0.000563	168.6	325.43	Egr3
210	1448718_at	0.000565	824.53	1015	2400001E08Rik
211	1416437_a_at	0.000567	1785.67	2705.97	Mapk8ip3
212	1421181_at	0.000569	658.17	1699.3	Nptxr
213	1449552_at	0.00058	985	2252.67	Zfr
214	1452427_s_at	0.000582	1694.37	2229.73	AW742319
215	1430607_at	0.000586	179.27	452.5	4930505D03Rik
216	1455436_at	0.000587	6827.57	10025.53	Diras2 LOC544932
217	1423222_at	0.00059	1751.1	3021.27	Cap2
218	1448335_s_at	0.00059	4222.87	5090.6	Ccni
219	1423853_at	0.000591	5386.6	7438.33	6330527O06Rik
220	1451290_at	0.000596	3610.07	6293.07	Map1lc3a
221	1418004_a_at	0.000607	1348.13	1614.67	1810009M01Rik
222	1448431_at	0.000607	463.87	667.9	Asb6
223	1424956_at	0.000611	246.47	417.3	Ahdc1
224	1423049_a_at	0.000616	716.3	1160.8	Tpm1
225	1449198_a_at	0.000619	1410.47	2231.37	St3gal5
226	1415824_at	0.000623	1332.1	2685.7	Scd2
227	1434879_at	0.000623	1120.5	1536.77	Cdc34
228	1431420_s_at	0.000626	3205.83	3876.57	2610524G07Rik
229	1426379_at	0.000627	651.97	977.13	Eif4b
230	1432016_a_at	0.000627	6919.63	8332.2	Idh3a
231	1416965_at	0.00063	7858.67	9456.17	Pcsk1n
232	1441300_at	0.000631	359.8	673.93	Kcnf1
233	1420368_at	0.000635	1988.17	2242.67	Denr
234	1434635_at	0.00064	3640.8	7599.6	Rph3a
235	1416882_at	0.000641	1140.8	1649.13	Rgs10
236	1455640_a_at	0.000644	1879.83	2526.17	Txn2
237	1425130_a_at	0.000647	351.87	801.23	Ptpn5
238	1428745_a_at	0.00066	773.07	920.2	2310003L22Rik
239	1434730_at	0.000661	375.33	625.7	Al854517
240	1421260_a_at	0.000662	2036.5	2891.1	Srm
241	1442019_at	0.000672	3075.6	6017.9	---
242	1424638_at	0.000673	208.77	787.77	Cdkn1a
243	1415732_at	0.000678	1408.43	2153.07	Bat5
244	1452162_at	0.000687	796.1	1050.27	Wdr48
245	1434794_at	0.000691	745.4	1000.17	Rhof
246	1417128_at	0.000703	481.97	729.43	2810052M02Rik
247	1460181_at	0.000704	9575.57	11783.13	Stmn3
248	1450504_a_at	0.000707	676.1	1099.4	Agpat3
249	1426901_s_at	0.000709	4037.7	5289.87	Camta2
250	1439740_s_at	0.00071	544.37	735.73	Al481316
251	1433802_at	0.000711	3508.8	6051.3	AW125688
252	1434147_at	0.000716	2097.87	2618.73	4631403P03Rik

253	1428050_a_at	0.000717	1126.97	1414.4	Tmbim4
254	1425249_a_at	0.000721	1223.7	1927.43	Tyro3
255	1433494_at	0.000723	1756.47	2581.93	Dos
256	1434228_at	0.000724	2055.47	3446.9	Ppm2c
257	1442502_at	0.000725	235.53	341.77	Lrch1
258	1424268_at	0.000737	650.47	827.43	Smox
259	1440355_at	0.000737	95.2	126.73	Kctd12b
260	1425892_a_at	0.000738	292.67	407.73	Pnoc
261	1436464_at	0.000748	43.2	92.2	---
262	1420013_s_at	0.000754	194.1	346.4	Lss
263	1426855_at	0.000778	667.6	1162.53	D10Ertd610e
264	1450243_a_at	0.000779	626.57	1087.17	Dscr111
265	1418214_at	0.00079	1095.73	2536.4	Klc2
266	1436517_at	0.00079	735.2	1106.67	H1fx
267	1435868_at	0.000796	413.2	725.53	Ankrd13c
268	1423810_at	0.000797	2988.4	5429.73	2700017M01Rik
269	1418738_at	0.000799	3654.9	5892.43	Scn1b
270	1416287_at	0.000804	5745.37	7656.5	Rgs4
271	1421860_at	0.000806	4839.33	6838.03	Clstn1
272	1416540_at	0.000807	1171.67	1562.5	Hgs
273	1422622_at	0.000807	311.37	497.87	Nos3
274	1454653_at	0.000811	656.97	1302.77	A730016F12Rik
275	1421962_at	0.000815	1080.03	2128.23	Dnajb5
276	1424710_a_at	0.000815	2517.03	2936.6	Gorasp2
277	1419473_a_at	0.000818	7322.7	10120.73	Cck
278	1425176_at	0.000818	993.07	1320.93	C1ql3
279	1432296_a_at	0.000825	35.87	84.73	Ilgav
280	1451956_a_at	0.000825	407.53	607.2	Oprs1
281	1456933_at	0.000828	140.5	254.47	9430023P16Rik
282	1451808_at	0.000832	630.4	1341.27	Kcnj4
283	1425511_at	0.000839	592.5	1028.13	Mark1
284	1435615_at	0.000841	2114.23	2951.4	Zfp365
285	1450711_at	0.000842	1438.77	1790.8	Brd4
286	1428158_at	0.00085	881.5	1273.27	Akt1s1
287	1452789_at	0.000858	3787.1	5352.6	Snn
288	1425748_at	0.00086	103.67	252.5	Diras1
289	1423007_a_at	0.000866	283.63	513.43	Gfra2
290	1448784_at	0.000868	2735.67	3641	Taf10
291	1422034_a_at	0.00087	1039.77	1503.3	Palm
292	1426499_at	0.00087	2527	3677.7	Sh3glb2
293	1424037_at	0.000871	2932.43	4155.33	Itpka
294	1448366_at	0.000872	6880.8	9404	Stx1a
295	1452394_at	0.000872	546.33	801.2	Cars
296	1449129_a_at	0.000881	565.77	970.77	Csen
297	1422820_at	0.000884	135.93	229.17	Lipe
298	1454628_at	0.000888	500.83	757.57	A930037G23Rik
299	1453732_at	0.00089	257.53	390.67	6230416A05Rik
300	1416387_at	0.000894	1582.53	2427.57	Pip5k2c
301	1434973_at	0.000896	322.07	546.67	Car7
302	1449694_s_at	0.000899	253.87	328.8	Commd5
303	1418611_at	0.000908	3140.97	4569.13	Gpr162
304	1453742_at	0.000911	830.23	1077.67	Vps33a

305	1417133_at	0.000912	786.57	1097.67	Pmp22
306	1419333_at	0.000913	394.93	651.53	1110008J03Rik
307	1426502_s_at	0.000916	401.63	581.3	Gpt1
308	1457333_at	0.000916	209.17	332.63	Sdk2
309	1456164_at	0.000921	39.83	127.07	AW011738
310	1417709_at	0.000928	6343.6	7468.77	Cyp46a1
311	1423343_at	0.000928	2174.37	3094.77	Slco1c1
312	1417448_at	0.000933	401.1	578.33	1810008A18Rik
313	1454759_at	0.000937	1356.03	1952.83	Git1
314	1420833_at	0.00094	3691.37	6565.17	Vamp2
315	1449362_a_at	0.000944	1604.13	2648.47	Mink1
316	1426068_at	0.000947	1629.13	2668.93	Slc7a4
317	1459890_s_at	0.000951	5994.07	11852.77	1110008P14Rik
318	1452173_at	0.000954	958.4	1086.97	Hadha
319	1427416_x_at	0.000957	1265.23	1702.57	Dusp7
320	1450520_at	0.000958	2075.23	3136.17	Cacng3
321	1428782_a_at	0.00096	5311.7	7620.57	Uqcrc1
322	1424053_a_at	0.000961	10268.4	15130	D8Ertd325e
323	1460706_s_at	0.000964	534.83	725.6	Rer1
324	1419168_at	0.000965	711.23	975.9	Mapk6
325	1423685_at	0.000965	2455.17	3107.17	Aars
326	1451015_at	0.000966	1870.63	2491.5	Tkt
327	1428118_at	0.000967	3489.17	6466.3	Lrrn6a
328	1415804_at	0.000968	3339.5	5976.37	Cx3cl1
329	1421862_a_at	0.000969	211.73	403.77	Vamp1
330	1426658_x_at	0.000975	1067.23	1603.67	Phgdh
331	1441610_at	0.000978	2804.83	3384.17	N28178
332	1420998_at	0.000979	502.53	944.13	Etv5
333	1451795_at	0.000981	457.03	922.1	Tom1l2
334	1444020_at	0.000985	3201.93	5563.37	Cspg3
335	1416684_at	0.000988	1202.2	1510.83	Fbl LOC545184
336	1452100_at	0.000988	1303.77	2054.87	Dullard
337	1431753_x_at	0.000989	432.3	601.03	2900073H19Rik
338	1416439_at	0.000995	618.23	885.17	2410015N17Rik
339	1437392_at	0.000996	1328.53	1949.2	LOC433485
340	1434483_at	0.001001	615.83	810.5	Usp12
341	1450082_s_at	0.001002	469.03	1113.03	Etv5
342	1425617_at	0.001004	405.9	510.33	Dhx9
343	1451630_at	0.001009	692.13	970.77	Ttl
344	1424391_at	0.001014	1283.17	1629.53	Nrd1
345	1455192_at	0.001015	1051.63	1721.23	A230078I05Rik
346	1428031_at	0.001018	257.3	477.4	Gpr24
347	1451224_at	0.001021	5025.57	7130.67	Scamp5
348	1426617_a_at	0.001022	2434.43	3595.97	Ttyh1
349	1424480_s_at	0.001025	1142.43	1828.27	Akt2
350	1423862_at	0.001026	129	208.37	Plekhf2
351	1420814_at	0.001029	6089.87	6967.43	Gdi2
352	1445473_at	0.001029	520.13	1144.47	Diras2 LOC544932
353	1430029_a_at	0.001034	1293.47	1557.17	Tspan31
354	AFFX-TransRec	0.001038	87.07	235	Tfrc
355	1434092_at	0.001046	79.27	118.67	Nos3as
356	1449183_at	0.001055	1367.43	1552.53	Comt

357	1449474_a_at	0.001073	2267.27	3213.33	Nelf
358	1454953_at	0.001087	2211.1	3005.97	Rnf157
359	1436381_at	0.001088	2399.07	3260.27	Dlgap3
360	1450969_at	0.001095	922.53	1197.37	Pccb
361	1415803_at	0.0011	10073.87	14833.3	Cx3cl1
362	1417747_at	0.001104	4075.43	6924.63	Cplx1
363	1450086_at	0.001107	175.13	226.73	Gmeb1
364	1452248_at	0.001107	870.77	1466.07	Plekhg5
365	1460692_at	0.00111	2682.83	3405.23	Ehmt2
366	1448230_at	0.001116	1148.6	1283.53	Usp10
367	1434595_at	0.001116	2098.13	2646.97	Trim9
368	1419045_at	0.001117	3242.57	4851.6	Slc25a23
369	1427045_at	0.00112	1864.43	2762.93	Synpo
370	1420670_at	0.001126	405.63	786.4	Arnt2
371	1455271_at	0.00113	570.53	938.67	1810020C19Rik
372	1416739_a_at	0.001138	165.67	304.13	Brap
373	1428687_at	0.001141	356.7	529.07	Zfp687
374	1418456_a_at	0.001143	1240.4	1905.5	Cxcl14
375	1457268_at	0.001144	333.47	489.47	Dot1l
376	1422694_at	0.001153	3344.83	4115	Ttyh1
377	1424736_at	0.001157	9049	10540.83	Eef2
378	1436119_at	0.001157	76.4	113.1	Aldh1l2
379	1419041_at	0.001162	3288.07	3861.2	D8Wsu49e
380	1419137_at	0.001167	3295.6	4036.03	Shank3
381	1416753_at	0.00117	8061.97	14075.67	Prkar1b
382	1435889_at	0.001171	485.4	692.67	Mark2
383	1435367_at	0.001175	1150.9	1738.4	Mapk4
384	1417476_at	0.001177	918.13	1198.17	Fbxw5
385	1415893_at	0.001179	137.87	216.53	Sgpl1
386	1460460_a_at	0.00119	729.8	985.03	Gorasp2
387	1416588_at	0.001192	3107.7	4669.53	Ptpn
388	1425671_at	0.001202	117.7	421.53	Homer1
389	1456247_x_at	0.00121	82.43	146.37	Plp2
390	1431385_a_at	0.001212	138.87	209.23	Mbtps1
391	1422564_at	0.001219	606.9	976.63	Actl6b
392	1433635_at	0.00122	783.4	978.8	Wdr18
393	1446484_at	0.001226	360.17	633.83	Mef2c
394	1426225_at	0.001231	816.3	1400.23	Rbp4
395	1449000_at	0.001234	1769.5	2484.7	D10Jhu81e
396	1421846_at	0.001235	2576.13	3404.47	Wsb2
397	1431422_a_at	0.001237	2194.3	3280.47	Dusp14
398	1442614_at	0.001237	309.97	456.77	Il1rap
399	1416475_at	0.001238	772.3	1160.13	Ube2d2
400	1438058_s_at	0.001247	3741.37	4880.13	Ptov1
401	1422635_at	0.001249	335.4	571.5	Ache
402	1433876_at	0.001255	529.6	718.9	6430402H13Rik
403	1440971_x_at	0.001256	414.33	620.97	G630024C07Rik
404	1429148_at	0.001256	248.47	431.73	1110019L22Rik
405	1421961_a_at	0.001261	490.17	1048.93	Dnajb5
406	1447521_x_at	0.001261	1838.2	2599.97	D15Wsu169e
407	1422512_a_at	0.001278	281.37	497.6	Ogfr
408	1417677_at	0.00128	354.8	594.6	Opn3

409	1440132_s_at	0.00128	9882.3	17191.27	Prkar1b
410	1416050_a_at	0.001282	397.43	553.63	Scarb1
411	1450067_a_at	0.001283	645.7	877.63	1810034K20Rik
412	1454045_a_at	0.001287	860.47	1296.87	4933424M23Rik
413	1423914_at	0.001293	1315.6	1785.1	C630004H02Rik
414	1428708_x_at	0.001294	6423.13	8702.3	2610009E16Rik
415	1455417_at	0.001294	690.37	1243.47	Kcnj11
416	1416022_at	0.001302	4408.67	6026.13	Fabp5
417	1416696_at	0.001304	538.37	625.2	D17Wsu104e
418	1418478_at	0.00131	186.3	354.43	Lmo1
419	1428714_at	0.00131	1991.83	2390	Pgrmc2
420	1452661_at	0.00131	2649.33	3883.17	Tfrc
421	1431611_a_at	0.001315	985.03	1224.17	Igsf4a
422	1429088_at	0.001316	761.47	944.57	MGI:1925139
423	1422799_at	0.00132	2172.43	3188.1	Bat2
424	1421263_at	0.001332	266.43	407.03	Gabra3
425	1448446_at	0.001333	588.7	706.07	Deaf1
426	1451803_a_at	0.001334	1043.6	1335.03	Vegfb
427	1436444_at	0.001335	492.9	731.43	6030405A18
428	1437220_x_at	0.001345	551.3	676.73	Psmc13
429	1436195_at	0.001348	394.17	636.37	BC046404
430	1416853_at	0.001355	10021.3	14071.37	Ncdn
431	1448346_at	0.001355	8277	12597.07	Cfl1
432	1428393_at	0.001355	8130.43	14074.53	Nrn1
433	1420720_at	0.001357	519.07	1773.13	Nptx2
434	1455924_at	0.001358	1290.1	4076.93	Rab6b
435	1449173_at	0.001369	1108.37	1755.27	Mpp2
436	1421949_a_at	0.00137	80.63	116.1	2610507L03Rik
437	1436383_at	0.001371	4568.27	6456.23	Cplx2
438	1421026_at	0.001377	330.77	464.1	Gna12
439	1415953_s_at	0.001384	563.67	716.73	Mark2
440	1419954_s_at	0.001392	1019.43	1205.23	Tex27
441	1439553_s_at	0.001394	938.83	1256.8	Nutf2
442	1416521_at	0.001399	9387.7	15441.67	Sepw1
443	1428697_at	0.001405	738.63	1277.53	Dpp8
444	1423204_at	0.001406	396.2	685.27	Tm9sf4
445	1415859_at	0.001414	1544.93	2070.8	Eif3s8
446	1426764_at	0.001414	2536.63	3341.13	Oaz2
447	1433464_at	0.001415	1259	1750.53	Ipo13
448	1422044_at	0.001417	134.47	279.47	Ndst1
449	1426463_at	0.00142	1407.07	1661.57	Gphn
450	1435902_at	0.001423	1910.4	2325.47	Nudt18
451	1436155_at	0.001424	2194.57	2851.5	Nmnat2
452	1451155_at	0.001426	132.27	291.27	Cugbp2
453	1435780_at	0.001427	2763.1	3756.47	Psd
454	1455136_at	0.00143	3663.67	4546.47	Atp1a2
455	1416786_at	0.001446	393.73	647.37	Acvr1
456	1424203_at	0.001446	499.83	725.67	Ncln
457	1455760_at	0.001446	322.17	640.4	Gm696
458	1454106_a_at	0.001449	238.73	278.2	Cxxc1
459	1429979_a_at	0.001453	131.53	307.27	1810073N04Rik
460	1452964_at	0.001453	1204.93	1954.5	4932702F08Rik

461	1441625_at	0.001455	823.1	1182.67	A930033C01Rik
462	1433556_at	0.001471	2487.43	3182.27	Centa1
463	1443660_at	0.001471	144.6	291.2	---
464	1418616_at	0.001476	307.67	371.37	Mafk
465	1451743_at	0.001476	192.97	319.5	D19Wsu162e
466	1453988_a_at	0.00148	289.63	417.5	Ide
467	1436508_at	0.00148	428.9	547.7	2410014A08Rik
468	1423642_at	0.001483	6639.33	8339.7	4930542G03Rik
469	1437740_at	0.001485	573.3	881.47	Plekhn2
470	1450414_at	0.001486	680.03	1028.53	Pdgb
471	1420580_at	0.001499	251.73	407.63	4930429B21Rik
472	1433937_at	0.0015	411.73	531.9	Trp53bp2
473	1418938_at	0.001502	231.77	400.53	Dio2
474	1460343_at	0.001502	2612	3525.5	Neurl
475	1419732_at	0.001506	1225.77	1741.03	Rtn4r
476	1430829_s_at	0.001508	527.57	865.07	MGI:1347093
477	1448207_at	0.001508	452.27	776.03	Lasp1
478	1453367_a_at	0.001516	3561.07	4335.77	6330583M11Rik
479	1433462_a_at	0.001522	243	400.7	Pi4k2a
480	1418508_a_at	0.001526	911.6	1739.47	Grb2
481	1448787_at	0.001536	2109.53	2668	Moap1
482	1420837_at	0.001537	227.37	330.9	Ntrk2
483	1417632_at	0.00154	3850.8	5857.97	Atp6v0a1
484	1435019_at	0.00154	3873.07	5218	Atxn7l3
485	1435115_at	0.001544	680.37	852.73	Fndc5
486	1437859_x_at	0.00155	3525.27	4052.4	Eif5a
487	1421349_x_at	0.001554	3883.03	4773.77	1500001H12Rik
488	1415746_at	0.001559	1599.3	2495.47	Cic
489	1420920_a_at	0.001559	4824.63	6500.83	Arf1
490	1422009_at	0.001562	2206.67	3399.93	Atp1b2
491	1420575_at	0.001563	5922.6	8257.33	Mt3
492	1435525_at	0.001563	2566.37	3215.9	Kctd17
493	1451088_a_at	0.001572	681.8	975.57	Oxa1l
494	1422735_at	0.001576	140.27	214.7	Foxq1
495	1415816_at	0.001588	4778.5	5790	Cct7
496	1452742_at	0.001604	894.23	1170.73	2310001H13Rik
497	AFFX-TransRec	0.001606	327.73	628.1	Tfrc
498	1451431_a_at	0.001609	1995.93	2613.87	D2Bwg0891e
499	1460650_at	0.00161	1592.3	2496.6	Atp6v0a1
500	1435558_at	0.00161	4020.73	5671.93	Bai2
501	1417716_at	0.001615	2252.4	3595.9	Got2
502	1421324_a_at	0.001616	386.53	775.27	Akt2
503	1447229_x_at	0.001617	225.87	405.7	Paccin3
504	1454012_a_at	0.001633	360.7	562.27	Parp6
505	1420506_a_at	0.001637	2279.3	3941.93	Stxbp1
506	1429708_at	0.001642	4495.73	5952.37	Ndufa11
507	1439148_a_at	0.001648	3118.93	4101.37	Pfkl
508	1428354_at	0.001659	751.63	1196.93	Foxk2
509	1440347_at	0.00166	63.63	141.57	Arhgap10
510	1426729_at	0.001677	2476.3	3982.17	2900046G09Rik
511	1428874_at	0.001686	1458	1847.47	1110019N10Rik
512	1417780_at	0.001689	336.33	454.73	Lass4

513	1448384_at	0.00169	233.37	330.03	Pofut2
514	1417224_a_at	0.001694	139.63	209.1	Cd2bp2
515	1418695_a_at	0.001695	2814.1	3166.27	Kcmf1
516	1439892_at	0.001697	2150.13	3135.37	Brsk1
517	1425605_a_at	0.001698	497.83	719.23	Lmbr1
518	1425621_at	0.0017	530.43	860.73	Trim35
519	1450845_a_at	0.001702	1867.43	2746.6	Bzw1
520	1420610_at	0.001707	1905.63	3171.6	Prkacb
521	1422156_a_at	0.001709	17191.53	25112.13	Rps2
522	1423252_at	0.001709	1568.9	1754.77	Hdgfrp3
523	1424646_at	0.00171	451.47	634.13	Uckl1
524	1416568_a_at	0.001713	527.77	698.27	Acin1
525	1438670_at	0.001713	569.57	730.77	Ptpn1
526	1416256_a_at	0.001716	9789.77	13883.23	Tubb5
527	1416028_a_at	0.00172	1504.1	1914.37	Hn1
528	1438330_at	0.001728	87.7	148.53	BC065397
529	1419077_at	0.001731	1068.93	1460.77	Mpp3
530	1428465_at	0.001732	2582.8	3415.77	5033425B17Rik
531	1433445_x_at	0.001732	6163.17	8480.87	Hmgcs1
532	1450378_at	0.001739	170.63	280.1	Tapbp
533	1448828_at	0.001743	799.97	991.73	Smc6l1
534	1423101_at	0.001746	857.73	1133.63	Paqr4
535	1433729_x_at	0.001755	792.13	1025.8	Pmpcb
536	1423334_at	0.001757	497.9	918.03	1200007D18Rik
537	1435852_at	0.001761	249.17	370.2	Spred3
538	1422537_a_at	0.001767	2294.83	2860.33	Id2
539	1415753_at	0.001769	4813.4	6334	D10Bwg1364e
540	1449961_at	0.001772	1110.57	1748	Rph3a
541	1416504_at	0.001773	222.27	391.1	Ulk1
542	1455175_at	0.00178	278.63	386.77	Phf13
543	1442148_at	0.001789	1207.9	1397.1	Psip1
544	1416331_a_at	0.001791	2118.8	3379.5	Nfe2l1
545	1417462_at	0.001804	2720.67	3616.27	Cap1
546	1424355_a_at	0.001811	1139.77	1501.13	Sin3b
547	1441298_at	0.001813	489.1	585.3	Spnb3
548	1423586_at	0.001814	573.2	730.27	Axl
549	1433712_at	0.001832	3613.43	4217.53	---
550	1424078_s_at	0.001834	982.93	1156.1	Pex6
551	1423078_a_at	0.001835	1724	2449.8	Sc4mol
552	1453414_at	0.001837	107.5	156.23	Ypel2
553	1418647_at	0.001843	1784.47	2043.53	Gna-rs1
554	1448277_at	0.001843	414.37	591.2	Pold2
555	1417271_a_at	0.001846	380.77	611.67	Eng
556	1424935_at	0.001854	908.63	1086.7	Gdap1l1
557	1422966_a_at	0.001859	545.93	1031.73	Tfrc
558	1434946_at	0.001859	1351.27	1612.63	C330021A05Rik
559	1421815_at	0.001862	1160.3	1377.17	Epdr2
560	1419022_a_at	0.001874	12747.1	18328	Eno1
561	1430307_a_at	0.001877	1360.57	1648.8	Mod1
562	1455499_at	0.001903	308.37	561.57	Nrxn2
563	1431932_s_at	0.001904	328.23	396.07	Trim44
564	1425553_s_at	0.00191	1031.73	1301.53	Hip1r

565	1439954_at	0.00192	161.17	412.13	6430514M23Rik
566	1426590_at	0.00193	228.9	311.93	Gfm2
567	1426763_at	0.001937	3967.23	4546.73	Oaz2
568	1434902_at	0.001938	736.03	1051.23	Rnf157
569	1423169_at	0.00194	119	181.7	Taf7
570	1421789_s_at	0.001941	1481.2	3051.23	Arf3
571	1415907_at	0.001944	451.83	618.27	Ccnd3
572	1422513_at	0.001944	124.43	237.47	Ccnf
573	1426554_a_at	0.001947	7737.3	9723.03	Pgam1
574	1456603_at	0.001951	251.67	341.33	1500005K14Rik
575	1424661_at	0.001955	744.13	1018.93	Pmpca
576	1423365_at	0.001959	467.8	716.1	Cacna1g
577	1415831_at	0.00196	4680.2	5718.97	Psmd2
578	1438546_x_at	0.001974	1455	2147.4	Slc25a5
579	1447711_x_at	0.001978	149.97	260.57	4933412E12Rik
580	1427529_at	0.001979	165.53	237.27	Fzd9
581	1415965_at	0.001981	139.5	346	Scd1
582	1422465_a_at	0.001984	241.1	310.63	Nxn
583	1423294_at	0.001988	648.77	1151.5	Mest
584	1435411_at	0.001993	1436.43	1686.23	Neurod2
585	1451256_at	0.001999	337.4	535.07	Gpr172b
586	1459729_at	0.002011	142.33	394.27	Slc13a5
587	1421097_at	0.002012	488.07	697.73	Endog
588	1423737_at	0.002014	5719.6	6469.57	Ndufs3
589	1448656_at	0.002015	3194.83	4293.33	Cacnb3
590	1435003_at	0.002019	4598.1	5496.77	Pik4ca
591	1417670_at	0.002022	493.4	652.9	Timm44
592	1432430_a_at	0.002029	186.5	306.53	1700081L11Rik
593	1449319_at	0.002031	227	404.87	Rspo1
594	1426517_at	0.002043	2307.5	2871.2	Gnaz
595	1440282_at	0.002052	39.1	88.73	Tulp4 2210038L17Rik
596	1419666_x_at	0.002054	307.13	469.13	Nupr1
597	1450708_at	0.002054	5770.17	7677.37	Scg2
598	1452308_a_at	0.002079	2450.93	3493.43	Atp1a2
599	1430026_at	0.002085	109.67	153.03	Stch
600	1430274_a_at	0.002089	1083.17	1266.07	Stard3nl
601	1424013_at	0.002103	1711.83	2135.03	Etf1
602	1451981_at	0.002104	1142.77	1759.17	Gtrgeo22
603	1417943_at	0.002106	256.7	353.97	Gng4
604	1428383_a_at	0.002107	888.63	1167.3	2310021P13Rik
605	1445151_at	0.002107	135.23	251.53	---
606	1419224_at	0.002108	929.5	1253.93	Cecr6
607	1428788_at	0.002115	1723.87	1960.13	1700012G19Rik
608	1452170_at	0.002116	567.2	826.53	2010209O12Rik
609	1420834_at	0.002118	10001.5	12173.1	Vamp2
610	1419191_at	0.002124	218	443.53	Hipk3
611	1423125_at	0.002127	2422.13	3501.33	Dcamk1
612	1459980_x_at	0.002129	4331.33	6659.17	Rab3a
613	1422073_a_at	0.002135	1137.87	1364.93	Celsr2
614	1449018_at	0.00214	2781.3	3193.53	Pfn1
615	1452372_at	0.002152	444.07	540.7	Bsd1
616	1415957_a_at	0.002173	2652.73	3315.8	Nnp1

617	1449448_at	0.002174	575.27	664.13	Med9
618	1422993_s_at	0.002177	477	581.7	Thoc4 Refbp2
619	1428850_x_at	0.002194	604.2	934.33	2410026K10Rik
620	1426066_a_at	0.002207	867.53	1181.17	Dtna
621	1419451_at	0.002213	876.8	1149.6	Fzr1
622	1455506_at	0.002215	127.73	236.1	---
623	1416766_at	0.002228	2010.27	3024.17	Mosc2
624	1450859_s_at	0.002232	3403.43	4265.93	Ube2d3
625	1442557_at	0.002232	277.63	483.23	---
626	1436571_at	0.002236	625.07	694.87	---
627	1452307_at	0.002237	589.7	905.73	Cables2
628	1438408_at	0.002238	827.47	973.77	5730467H21Rik
629	1451158_at	0.002239	173.9	291.83	Trip12
630	1430552_a_at	0.002245	692.17	1082.97	Sbf1
631	1435722_at	0.002251	1758.87	2125.6	Gria4
632	1439741_x_at	0.002251	109.97	200.83	AI481316
633	1416701_at	0.002252	342.9	661.17	Rnd3
634	1424982_a_at	0.002256	250.2	300.53	2700078E11Rik
635	1427307_a_at	0.002269	424.67	512.3	Dab1
636	1416758_at	0.002274	172.13	389.83	Arhgap27
637	1425933_a_at	0.002274	654.1	845.47	Nt5c2
638	1451872_a_at	0.002282	309.57	465.4	Neurl
639	1438905_x_at	0.002284	335.2	568.07	C030046I01Rik
640	1423845_at	0.002288	677.73	955.4	Csdc2
641	1420839_at	0.002293	429.73	571.47	Plekha3
642	1417015_at	0.002301	115.53	244.47	Rassf3
643	1420403_at	0.002302	3952.13	7391.03	Atp2b2
644	1432543_a_at	0.002302	759.87	938.33	Klf13
645	1419188_s_at	0.002313	4316.43	5179.5	Ccl27
646	1415988_at	0.002314	203.5	390.67	Hdlbp
647	1421093_at	0.002318	483.47	654.13	Slc7a10
648	1423588_at	0.00232	2283.77	2563.63	Arpc4
649	1426081_a_at	0.00232	1011.1	1469.8	Dio2
650	1426648_at	0.002322	416.13	646.63	Mapkapk2
651	1448218_s_at	0.002323	5984.93	8544.77	Ywhaz
652	1439859_at	0.002327	384.13	573.6	9630033F20Rik
653	1433703_s_at	0.002331	700.13	954.9	Bahd1
654	1452245_at	0.002333	128.63	205.3	G630039L02
655	1454995_at	0.002334	1489.97	2024.67	Ddah1
656	1426383_at	0.002341	1590.67	2065	Cry2
657	1448110_at	0.002354	433.37	762.17	Sema4a
658	1450062_a_at	0.002356	5910.53	6888.17	Maged1
659	1447062_at	0.002356	187.6	262.3	Vps24
660	1450247_a_at	0.00236	1168.57	2164.93	Scamp5
661	1425608_at	0.002361	199.6	258.03	Dusp3
662	1421042_at	0.002367	834.4	1464.37	Arhgef2
663	1435548_at	0.002371	200.53	314.73	Mrs2l
664	1426023_a_at	0.00238	351.3	486.7	Rabep1
665	1424100_s_at	0.002385	2649.7	3687.53	1500001H12Rik
666	1425106_a_at	0.002388	402.07	552.07	Wars
667	1422576_at	0.00239	5787.13	6469.03	Sca10
668	1420140_at	0.002402	154.8	320.13	Bcdin3

669	1423927_at	0.002407	373.07	542.13	Slc35b2
670	1426975_at	0.002407	512.63	728.67	4632413K17Rik
671	1450623_at	0.002417	5815.3	8698.9	Gnb2
672	1433446_at	0.002427	1740.93	2728.9	Hmgcs1
673	1460411_s_at	0.002427	247.03	390	AW548124
674	1417986_at	0.00243	300.23	533.5	Nrarp
675	1451168_a_at	0.002435	4478.6	6218.8	Arhgdia
676	1460042_at	0.002435	40.23	194.57	Slc23a3
677	1419190_at	0.002436	348.47	563.03	Vti1a
678	1425784_a_at	0.002436	10461.9	13549.33	Olfm1
679	1440274_at	0.002438	213	327.13	Rapgef4
680	1451592_at	0.002439	816.37	1152.33	MGI:2446472
681	1450202_at	0.002441	1234.07	2031.03	Grin1
682	1416590_a_at	0.00245	348.27	451	Rab34
683	1455963_at	0.002453	621.4	789.2	6332401O19Rik
684	1435638_at	0.002457	2691.43	4024.47	Gsk3a
685	1439647_at	0.002463	448.83	614.9	LOC433698 LOC545611
686	1428070_at	0.002484	640.17	776.8	Syvn1
687	1423892_at	0.002487	4530.7	5759.97	Apbb1
688	1421622_a_at	0.002501	1785.07	2616.03	Rapgef4
689	1426327_s_at	0.002513	412.73	476.87	Cntf Zfp91
690	1453097_a_at	0.002516	1468.4	2062.97	Ubtf
691	1420876_a_at	0.002522	637.6	825.67	6-Sep
692	1424116_x_at	0.002522	2259.67	2786.23	Ppp5c
693	1433821_at	0.002522	342.4	469.6	1110012D08Rik
694	1456813_at	0.002529	384.9	557.13	---
695	1429568_x_at	0.002537	778.07	939.83	2510010F15Rik
696	1418444_a_at	0.00254	5969.83	8045.23	MGI:1891827
697	1449054_a_at	0.002542	1521.13	1965.4	Pcbp4
698	1447625_at	0.002542	645.8	3448	E2f5
699	1448298_at	0.002552	752.7	1183.6	Tnk2
700	1436077_a_at	0.002557	626.77	930.63	Fcho1
701	1451748_a_at	0.002561	2373.63	2837.23	D12ErtD771e
702	1450846_at	0.002565	1370.6	2077.1	Bzw1
703	1431415_a_at	0.002566	751.17	1063.93	Tbpl1
704	1417954_at	0.002568	4231.53	7032.43	Sst
705	1423239_at	0.002579	757.77	1144.7	Impdh1
706	1450451_at	0.002579	348.3	818.73	Spock2
707	1420388_at	0.002585	494.6	674.9	Prss12
708	1421768_a_at	0.002588	739.37	1243.73	Homer1
709	1436393_a_at	0.00259	2515.73	3206.37	Trim37
710	1455750_at	0.002591	262.67	369.13	BC053994
711	1451248_at	0.002601	824.9	1106.23	BC006705
712	1416250_at	0.002606	588.77	908.23	Btg2
713	1450187_a_at	0.00261	1653.57	2123.07	Galt
714	1416013_at	0.002617	7423.63	11883.13	Pld3
715	1444513_at	0.002617	363.27	602.57	Cnksr2
716	1418784_at	0.00262	2074.8	2728.1	Grik5
717	1434156_at	0.002627	3564.7	4123.33	Rab11fip4
718	1448851_a_at	0.002629	1349.43	1666.23	Dnajc5
719	1435598_at	0.002632	820.23	1238	Shc2
720	1436703_x_at	0.002635	1794.8	2970.6	Snapc2

721	1456338_at	0.002636	455.27	546.23	9130023D20Rik
722	1423881_at	0.002638	867.77	1315.93	Saps3
723	1450727_a_at	0.002639	1145.63	1497.3	Poldip2
724	1456767_at	0.002639	538.87	731.83	Lrfn3
725	1452057_at	0.002647	2197.07	2843.67	Actr1b
726	1419344_at	0.002654	347.17	641.97	Tcte1
727	1431257_at	0.002655	45.47	101.23	6230409E13Rik
728	1426522_at	0.002678	1876.67	2242.1	Hadhb
729	1417303_at	0.002693	243.4	500.23	Mvd
730	1448413_at	0.002693	591.5	734.93	2410016O06Rik
731	1424151_at	0.002699	1227.3	1590.07	MGI:2385237
732	1433915_s_at	0.002706	1040.17	1355.37	Epn2
733	1438514_at	0.002706	113.7	213.67	Npc111
734	1454770_at	0.002708	1351.67	2069.47	Cckbr
735	1417119_at	0.002709	261.6	359.73	Zfp1
736	1423746_at	0.002714	922	1176.13	Txndc5
737	1417481_at	0.002715	3703.33	4601.47	Ramp1
738	1451753_at	0.002718	668.07	991.7	Plxna2
739	1435651_a_at	0.002719	221.7	418.7	Smarcad1
740	1424222_s_at	0.00272	1392.97	2073.5	Rad23b
741	1435549_at	0.002721	181.17	249.87	Trpm4
742	1423283_at	0.002724	3752.97	4560.8	Pitpna
743	1448237_x_at	0.00273	7516.73	11216.27	Ldh2
744	1421992_a_at	0.002744	645.43	1054.8	Igfbp4
745	1426051_a_at	0.002748	1056.53	1418	Cenpb
746	1426450_at	0.002748	1676.03	2290.27	Plcl2
747	1418452_at	0.002752	752.83	964.8	Gng2
748	1450728_at	0.002754	739.97	1031.5	Fjx1
749	1422168_a_at	0.002756	325.93	926.27	Bdnf
750	1441910_x_at	0.002762	349.6	668.5	Ccne1
751	1441312_at	0.002775	383.33	557.6	---
752	1421176_at	0.002784	912.8	1580.03	Rasgrp1
753	1422593_at	0.00279	4407.7	5213.03	Ap3s1
754	1451280_at	0.002796	4976.9	6116.97	MGI:107562
755	1418137_at	0.002798	1905.77	2373.93	Mrp63
756	1425777_at	0.002798	606.2	855.97	Cacnb1
757	1448312_at	0.002798	6475.17	7870.2	Pcsk2
758	1426761_at	0.002802	858.97	1047.8	Aof2
759	1452216_at	0.002809	268.8	409.9	BC025519
760	1418274_at	0.002814	1278.57	1490.13	Nutf2
761	1437536_at	0.002816	862.83	1284.07	Fkrp
762	1448596_at	0.002817	767.17	1095.7	Slc6a8
763	1451344_at	0.002819	471.03	659.53	BC025600
764	1416466_at	0.002831	8090.97	8588.87	Vapa
765	1448978_at	0.002831	5247.8	6833.5	Ngef
766	1452684_at	0.002834	369.37	674.17	Akt1s1
767	1460724_at	0.002839	1381.97	2125.53	Ap2a1
768	1450114_at	0.002842	197.6	380.47	Ksr
769	1459019_at	0.002847	1328.6	2023.1	Sprn
770	1418532_at	0.002848	208.17	388.4	Fzd2
771	1427385_s_at	0.002851	274.7	596	Actn1
772	1416562_at	0.002852	2786.23	3569.03	Gad1

773	1429228_at	0.002852	239.13	306.17	4930534B04Rik
774	1436387_at	0.002858	2269.53	6342.33	C330006P03Rik
775	1434950_a_at	0.002859	1490.07	1919.97	Armc8
776	1445004_a_at	0.002865	76.03	159.33	A330068P14Rik
777	1428381_a_at	0.002883	1989.17	2291.6	2700038C09Rik
778	1421925_at	0.0029	165.57	306.27	Mapk11
779	1455289_at	0.002902	873.8	1162.6	Ankrd13b
780	1429555_at	0.002916	1222.67	1752.77	1110019C08Rik
781	1426167_a_at	0.002921	558.47	645.3	Camk4
782	1436380_at	0.002922	553.17	890.93	Cdc42bpa
783	1432569_at	0.002927	49.73	107.13	1700121K02Rik
784	1424051_at	0.002933	475.8	659.1	Col4a2
785	1427100_at	0.002934	578.57	1189.77	Metrn
786	1440676_at	0.002934	79.47	116.03	A830043J08Rik
787	1451285_at	0.002939	1861.4	2961	Fus
788	1432181_s_at	0.002949	358.5	567.77	Ecgf1
789	1417933_at	0.00295	1315.83	2089.07	Igfbp6
790	1421339_at	0.002954	334.07	643.4	Extl3
791	1460239_at	0.002956	5026.9	5806.67	Tspan13
792	1438017_at	0.002963	1159.63	1605.33	Rusc1
793	1423972_at	0.002969	1072.2	1229.7	Etfa
794	1436137_at	0.002976	4611.23	5915.2	Slc6a17
795	1424332_at	0.002984	318.83	534.27	Rab40c
796	1451693_a_at	0.002987	2185.17	2616.53	Fgf12
797	1451207_at	0.003012	1072	1585.73	Cbara1
798	1432211_a_at	0.003013	351.27	520.07	Fbxo9
799	1428842_a_at	0.003016	4538.83	6958.8	Ngfrap1
800	1423299_at	0.003017	1459.17	1650.33	Txn1
801	AFFX-MUR_b2	0.003018	867.47	1064.03	---
802	1435268_at	0.003021	1010.6	1161.03	---
803	1433619_at	0.003022	256.47	399.2	Al894139
804	1437107_at	0.003024	1623.5	2102.6	Rab6b
805	1416183_a_at	0.003033	7815.4	12385.27	Ldh2
806	1438788_at	0.003033	345.07	495.57	D5Wsu152e
807	1421388_at	0.003034	319.57	567.97	Mef2d
808	1428155_at	0.003042	662.37	929.77	Commd9
809	1460424_at	0.003044	1841.13	2702.3	1810008O21Rik
810	1423231_at	0.003049	11396.67	19322.3	Nrgn
811	1422331_at	0.003058	152.5	288.33	Pou3f3
812	1433714_at	0.003063	4300.47	6019.03	Sult4a1
813	1434181_at	0.003065	938.87	1297.03	Plekhc1
814	1417567_at	0.003074	715.2	1211.97	Ctnnbip1
815	1448362_at	0.003074	1699.83	2497.63	Dnajc7
816	1453634_a_at	0.003083	771.83	1063.77	Erp29
817	1452653_at	0.003084	2397.5	3530.37	Slc25a22
818	1417533_a_at	0.003088	495.33	650.13	Itgb5
819	1457318_at	0.003091	255.83	345.37	A330008L17Rik
820	1450838_x_at	0.003093	302.07	465.97	Rpl37 LOC383438
821	1426889_at	0.0031	438.43	649.37	4930566A11Rik
822	1452269_at	0.003101	7181.97	9905.13	Spn3
823	1420070_a_at	0.003106	78.67	151.03	Gm696
824	1422763_at	0.003107	864.23	1181.13	Gipc1

825	1454023_a_at	0.003107	507.47	775.13	D1Bwg1363e
826	1422302_s_at	0.003115	3309.27	4016.57	Ftl1 Ftl2
827	1433460_at	0.003118	5259.53	6196.57	Ttc7b
828	1420530_at	0.003131	887.67	1077.5	Neud4
829	1428142_at	0.003133	1934.7	2443	Etv5
830	1418937_at	0.003136	2264.93	3218.93	Dio2
831	1427782_a_at	0.003136	338.5	507.47	Crhr1
832	1437966_at	0.003148	641.37	1030.87	B230206N24Rik
833	1452812_at	0.003154	2331.43	4876.47	Lphn1
834	1418927_a_at	0.003156	2004.63	2475.4	Habp4
835	1447937_a_at	0.003159	384.83	483.33	4933409K07Rik
836	1428485_at	0.003161	111.47	227.07	Car12
837	1420845_at	0.003165	366.1	547.77	Mrps2
838	1451820_at	0.003169	215.77	421.87	Diras1
839	1429634_at	0.003171	631.3	971.3	Zfp580
840	1420852_a_at	0.003176	256.57	395	B3gnt1
841	1458772_at	0.003178	32	62.37	Lphn3
842	1433886_at	0.003185	1031.27	1254.47	Eif2b5
843	1421071_at	0.003193	423.6	764.73	Vhlh
844	1421847_at	0.003196	6006	7130.97	Wsb2
845	1451045_at	0.003198	2114.77	2850.97	Syt13
846	1452441_at	0.003199	110.87	214.37	Phf3
847	1455202_at	0.003204	798.2	1037.67	Gm50
848	1450023_at	0.00321	757.63	927.8	Gtpbp1
849	1422268_a_at	0.003211	232.03	316.17	Rps6kb2
850	1427057_at	0.003216	1727.17	2462.83	C630002B14Rik
851	1426263_at	0.00323	4865.37	6316.6	Igsf4c
852	1455363_at	0.003245	1604.6	2388.77	Bai1
853	1425068_a_at	0.003246	1483.97	1969.83	Tex264
854	1416400_at	0.003249	287.63	403.23	Pycl1
855	1417311_at	0.003255	2945.3	4179.23	Crip2
856	1422705_at	0.003273	308.5	582.8	Tmepai
857	1421063_s_at	0.003276	15903.57	20599.9	Snrpn Snurf
858	1451092_a_at	0.003279	1317.07	2084.67	Rangap1
859	1417002_at	0.00328	2844.4	3475.2	0610012G03Rik
860	1428292_at	0.003296	99.03	163.47	Ndor1
861	1448242_at	0.003299	848.53	1330.2	Sec61a1
862	1426579_at	0.003307	626.5	1038.93	Gnl2
863	1441959_s_at	0.00331	461.6	691.87	1200003C05Rik
864	1416960_at	0.003314	1367.7	1805.23	B3gat3
865	1460700_at	0.003314	510.37	666.17	Stat3
866	1416685_s_at	0.003322	1341.1	1639.63	Fbl LOC545184
867	1460652_at	0.003322	627.1	828.7	Esrra
868	1431170_at	0.003332	932.47	1364.27	Efna3
869	1435687_at	0.003332	3551.17	4306.93	Sv2b
870	1460206_at	0.003333	488.83	1028.03	Grasp
871	1450408_at	0.003346	366.97	573.67	Clcn7
872	1424239_at	0.003356	817.3	950.93	2310066E14Rik
873	1448280_at	0.003357	12786.47	17168.83	Syp
874	1415694_at	0.003359	1154.93	1446.37	Wars
875	1451829_a_at	0.003361	88.23	212.67	Nf2
876	1448479_at	0.003372	1500.43	1768.6	Psm3

877	1424225_at	0.003375	904.67	1119.4	Asb8
878	1417690_at	0.003384	834.23	1394.93	Prkag1
879	1441331_at	0.003391	652.67	911.8	A230061C15Rik
880	1440159_at	0.003394	33.9	70.83	1700010B09Rik
881	1418335_a_at	0.003409	459.5	631.03	Dph1 MGI:2179725
882	1418711_at	0.003414	278.6	461.7	Pdgfa
883	1448751_at	0.003414	1237.9	1632.3	Ap3m2
884	1417392_a_at	0.003428	66.3	107.03	Slc7a7
885	1436468_at	0.003432	1383.6	2139.73	Zdhhc8
886	1415823_at	0.003435	5453.73	8010.97	Scd2
887	1435229_at	0.003439	1426.4	1766.47	A930008A22Rik
888	1424365_at	0.003444	3319.7	4413.8	1810037117Rik
889	1421415_s_at	0.003453	164.27	291.37	Gcnt2
890	1416750_at	0.003463	633.17	979.07	Oprs1
891	1425781_a_at	0.003463	537.2	799.47	Plcb1
892	1450945_at	0.00347	376.43	522.93	Prkca
893	1451395_at	0.003478	995.2	1276.87	D5Bwg0834e
894	1450212_at	0.003482	360.03	717.37	Fmn1
895	1422169_a_at	0.003483	291.53	597.47	Bdnf
896	1451181_at	0.003492	180.77	500.93	2410008J05Rik
897	1420933_a_at	0.003497	253.7	366.93	Eya3
898	1450863_a_at	0.003512	8700.2	11188.57	Dcamk1
899	1425361_at	0.003519	195.37	275.9	Zfp397
900	1428511_at	0.003521	902.2	1036.53	Phkg2
901	1421281_at	0.003536	7763.6	8285.4	Gabra1
902	1418744_s_at	0.003546	1229.37	1716.03	MGI:1930803
903	1423054_at	0.003546	1221.37	1634.1	Wdr1
904	1424550_at	0.003546	366.43	539.87	Zfyve27
905	1423427_at	0.00355	262.93	418.83	Adcyap1
906	1428356_at	0.003556	527.8	705.37	Osbp2
907	1434504_at	0.003558	773.67	1040.17	Zfyve28
908	1418795_at	0.003566	229.33	411.23	Cds2
909	1431752_a_at	0.003577	645.4	970.2	2900073H19Rik
910	1429534_a_at	0.00358	1398.53	1895	Immt
911	1448692_at	0.003585	947.93	1232.1	Ubqln4
912	1457212_at	0.003591	420.97	655.5	Nrxn3
913	1423453_at	0.003593	779.6	1004.83	C78541
914	1431072_a_at	0.0036	194.73	250.73	2610529H08Rik
915	1453556_x_at	0.0036	482.13	884.63	2410026K10Rik
916	1454046_x_at	0.0036	1001.7	1280.33	4933424M23Rik LOC260345
917	1452399_at	0.003601	290.57	429.43	Rgs6
918	1422102_a_at	0.003602	210.23	303.6	Stat5b
919	1428195_at	0.003609	385.57	704.83	4631427C17Rik
920	1421877_at	0.003612	1371.43	1699.63	Mapk9
921	1452219_at	0.003616	680.6	1296.2	Tmem63b
922	1416184_s_at	0.003625	823.23	1113.8	Hmga1
923	1441325_at	0.003638	151.7	237.53	9430034D17Rik
924	1451182_s_at	0.003639	288.57	410.93	C730048E16Rik
925	1435867_at	0.003648	1007.2	1518.8	A630082K20Rik
926	1460260_s_at	0.003649	1628.7	2012.03	Kpna1
927	1441993_at	0.003656	266.27	410.77	Ap3s2
928	1449888_at	0.00366	220.7	486	Epas1

929	1451002_at	0.003668	7562.1	10472.33	Aco2
930	1433485_x_at	0.003673	234.67	475.3	Gpr56
931	1434417_at	0.003684	552.67	642.33	---
932	1421580_at	0.003688	160.4	431.37	Cntnap1
933	1438122_at	0.003689	115.07	154.67	2900006K08Rik
934	1437901_a_at	0.003708	2444.97	2875.97	Vps41
935	1438565_at	0.003711	1297.23	1623.27	A830010M20Rik
936	1431644_a_at	0.003724	713.27	950.17	Ica1
937	1417381_at	0.003732	1005.2	1109.6	C1qa
938	1443851_at	0.003735	141.6	288.73	8430415E04Rik
939	1454803_a_at	0.003736	787.5	1544.53	Hdac11
940	1423550_at	0.003745	718.13	993	Slc1a4
941	1428937_at	0.003748	5497.77	6371.1	Atp2b1
942	1439029_at	0.003757	319.53	486.47	Gpt2
943	1424386_at	0.003758	773.37	1006.47	BC020184
944	1453307_a_at	0.003758	1300.27	1634.03	Anapc5
945	1434270_at	0.003769	9104.9	11672.1	Nptxr
946	1426843_at	0.00377	256.93	333.8	BC023754
947	1451096_at	0.003774	5141.2	6701.67	Ndufs2
948	1415807_s_at	0.003776	894.7	1375.07	Sfrs2
949	1454712_at	0.003788	759.83	1008.1	Mcart1
950	1451666_at	0.003808	2693	3066.27	Acly
951	1418136_at	0.00381	202.67	389.77	Tgfb1i1
952	1418921_at	0.003813	1312	1597.8	Igsf4b
953	1435683_a_at	0.003828	1304.3	1979.13	Abcc5
954	1423395_at	0.003833	3120.83	4837.4	Tsnax
955	1432184_a_at	0.003837	289.4	573.57	2610204M08Rik
956	1460278_a_at	0.00384	953.77	1249.83	D15Wsu75e
957	1433888_at	0.003861	8782.77	10795.37	Atp2b2
958	1430163_at	0.003872	62.47	116.2	1810048P08Rik
959	1421053_at	0.003873	1579.53	2742.87	Kif1a
960	1451540_at	0.003888	871.87	1080.07	Mpi1
961	1459639_at	0.003893	281.63	450.27	Brsk2
962	1438001_x_at	0.003918	2420.27	3051.8	Dp1
963	1451110_at	0.003948	504.77	1033.97	Egln1
964	1416956_at	0.003957	2829.77	3268.73	Kcnab2
965	1449063_at	0.003967	1200.23	1396.17	Sec22l1
966	1433932_x_at	0.003986	3703.37	5138.4	C030046I01Rik
967	1424031_at	0.003987	306	392.23	Snx11
968	1437300_at	0.004012	814.67	1093.3	Mef2d
969	1417524_at	0.004019	2604.87	3240.23	Cnih2
970	1455200_at	0.004021	879.6	1698.97	Pak6
971	1459832_s_at	0.004028	1050.77	1577.97	Ap1m1
972	1448604_at	0.004034	265.47	452.33	Uck2
973	1460294_at	0.00404	147.4	239.2	Atp8a2
974	1434653_at	0.004042	3587.33	4192.1	Ptk2b
975	1437013_x_at	0.004047	6188	7883.23	Atp6v0b
976	1420844_at	0.00405	279.73	558.83	Ubqln2
977	1450713_at	0.004052	4064.8	6313.8	Cspg5
978	1428345_at	0.00406	440.8	607.73	4932443D16Rik
979	1458499_at	0.004065	314.53	661.9	Pde10a
980	1450627_at	0.004073	5459.83	6642	Ank

981	1451354_at	0.004089	296.97	363.2	BC024806
982	1450228_a_at	0.004091	607.5	1096.97	Pip5k1c
983	1447883_x_at	0.004102	11063	16057.2	Map1lc3a
984	1451733_at	0.004103	32.37	91.17	Gcnt2
985	1434801_x_at	0.004111	6172.93	8523.53	Slc25a5
986	1436515_at	0.004119	382.87	491.1	E030004N02Rik
987	1424760_a_at	0.004123	2085.1	2641.1	Smyd2
988	1460034_at	0.004127	633.37	1003.1	BC042901
989	1418593_at	0.004128	460.83	550.63	Taf6
990	1452066_a_at	0.004131	4493.77	5273.37	Ndfip2
991	1420954_a_at	0.004134	1346.27	2152.6	Add1
992	1417294_at	0.004138	616.13	794	Akr7a5
993	1449055_x_at	0.004149	1182.77	1584.03	Pcbp4
994	1421654_a_at	0.004157	460	739.9	Lmna
995	1428141_at	0.004176	681.73	860.57	Gga2
996	1437591_a_at	0.004196	994.4	1544.8	Wdr1
997	1426206_at	0.004205	120.43	182.4	Robo4
998	1420533_at	0.004214	699.57	988.2	Gucy1a3
999	AFFX-b-ActinM	0.004218	16625	25266.6	Actb
1000	1445438_at	0.004222	365.97	548.17	Ddhd1
1001	1426343_at	0.004225	541.63	806.8	1300006C19Rik
1002	1418177_at	0.004233	3125.97	3780.5	Gabrg2
1003	1443279_at	0.004234	69.33	112.83	Nlk
1004	1423418_at	0.004235	963.8	1374.47	Fdps
1005	1424461_at	0.004235	4600.13	5369.47	Dctn2
1006	1423592_at	0.00424	1758.9	1968.53	Rock2
1007	1416906_at	0.004249	4273.67	5048.23	Anapc5
1008	1425490_a_at	0.004251	554.8	835.57	Wdr13
1009	1423264_at	0.004273	796.63	1032.33	Bop1
1010	1444439_at	0.004276	120.8	145.8	Bri3bp
1011	1448183_a_at	0.004281	327.5	450.9	Hif1a
1012	1442026_at	0.004282	374.97	614.33	---
1013	1429416_at	0.004292	3380.4	5217.63	Ttc9b
1014	1451229_at	0.004298	2212.17	2603.47	Hdac11
1015	1421313_s_at	0.004305	542.53	700.97	Cttn
1016	1460249_at	0.004306	207.1	232.8	Lnx2
1017	1456098_a_at	0.004311	1025.93	1474.2	Elmo2
1018	1425368_a_at	0.004335	250.5	429.63	Numb
1019	1436332_at	0.004344	169.47	256.73	Hspb6
1020	1433443_a_at	0.004349	6264.93	8457.47	Hmgcs1
1021	1423757_x_at	0.004352	1206.87	1723	Igfbp4
1022	1460718_s_at	0.004352	4914.9	7116.27	Mtch1
1023	1423986_a_at	0.004357	1691.07	2157.63	MGI:1915044
1024	1422521_at	0.004361	2273	2935.43	Dctn1
1025	1416353_at	0.004362	809.93	1006.1	Nr1h2
1026	1423074_at	0.004367	543.57	640.13	Lman2
1027	1416204_at	0.004381	656.63	1326.43	Gpd1
1028	1450103_a_at	0.004385	2428.53	2910.37	Pscd2
1029	1428275_at	0.004398	319.73	412.93	1110065L07Rik
1030	1434415_at	0.004405	3170.33	4643.17	---
1031	1448559_at	0.004413	1904.13	2349.63	Flot1
1032	1435512_at	0.004421	435.83	759.73	AI836003

1033	1440151_s_at	0.004435	2711.13	3587.57	Edf1
1034	1446392_at	0.004442	92.6	168.97	Slit2
1035	1424467_at	0.004448	458.7	608.67	Phldb1
1036	1427250_at	0.004449	10330.23	13209.33	Atp2a2
1037	1444384_at	0.00445	146.8	227.73	---
1038	1429080_at	0.004455	581.27	750.4	Mphosph10
1039	1437183_at	0.004458	1161.37	1590.93	Lrrc4b
1040	1417501_at	0.004463	622.03	880.4	Fbxo6b
1041	1427158_at	0.004474	505.63	812.5	Mrps30
1042	1451700_a_at	0.004483	968.57	1305.2	1110007L15Rik
1043	1434837_at	0.004485	134.8	155.53	Mdc1
1044	1416069_at	0.004496	3809.8	4499.37	Pfcp
1045	1416700_at	0.004505	558.77	1004.53	Rnd3
1046	1436306_at	0.004514	697.2	1034.3	Saps1
1047	1448660_at	0.004515	2959.03	3494.03	Arhgdig
1048	1458364_s_at	0.004519	527.6	732.53	---
1049	AFFX-b-ActinM	0.004529	14121.3	21627.13	Actb
1050	1446955_at	0.004536	69.23	116.47	Mrps25
1051	1427718_a_at	0.004549	523.93	608.27	Mdm2
1052	1454726_s_at	0.004549	390.03	541.1	AW456874
1053	1435339_at	0.004553	427.73	599.97	Kctd15
1054	1427606_at	0.004555	138.07	206.03	Usp27x
1055	1417237_at	0.004561	241.4	369.97	Pld2
1056	1434908_at	0.004566	648.73	1019.6	AI480556
1057	1424644_at	0.004571	743.3	866.3	Tbcc
1058	1448597_at	0.004576	597.4	778.33	Cstf1
1059	1419490_at	0.004586	1616.87	1907.13	AW049604
1060	1455771_at	0.0046	2986.6	3888.1	Bzap1
1061	1428843_at	0.004615	2713.6	3220.77	5-Mar
1062	1428852_at	0.004622	2811.77	3266.27	Dock3
1063	1439030_at	0.004648	187.33	280.17	Gmppb
1064	1447385_at	0.004649	1086.97	1497.5	---
1065	1460687_at	0.004657	399.5	603.07	2410195B05Rik
1066	1455143_at	0.004658	3371.97	4380.1	Nlgn2
1067	1454769_at	0.004664	160.17	255.77	Tatdn2
1068	1415919_at	0.004667	3799.27	4601.07	Npdc1
1069	1425326_at	0.004669	710.97	1187.8	Acly
1070	1424416_at	0.004671	353.97	442.73	Nkiras2
1071	1423363_at	0.004672	517.1	711.93	Sort1
1072	1439041_at	0.004691	2515	3275.93	Slc39a10
1073	1458123_at	0.004706	145.9	310.17	9630002A11Rik
1074	1431530_a_at	0.00471	1079.23	1766.03	Tspan5
1075	1423748_at	0.004717	415.7	481.6	Pdk1
1076	1423778_at	0.004719	253.63	360.67	Usp20
1077	1417240_at	0.004721	797.37	1196	Zyx
1078	1417663_a_at	0.004731	7271.33	8153.37	Ndr3
1079	1452009_at	0.004731	441.1	603.97	9130422G05Rik
1080	1448121_at	0.004735	4462.93	6603.47	Wbp2
1081	1418889_a_at	0.004736	642.27	906.43	Csnk1d
1082	1436159_at	0.00474	6118.77	7048.13	Usp32
1083	1433720_s_at	0.004744	6881.7	9718.13	MGI:2143558
1084	1437984_x_at	0.004754	3187.03	4017.9	Bat1a

1085	1439398_x_at	0.004754	1096.37	1787.27	Nelf
1086	1429190_at	0.004754	214.8	444.03	1110007C02Rik
1087	1431784_a_at	0.004761	335.23	393.07	Bxdc5
1088	1438285_at	0.004784	239.43	342.63	2210015D19Rik
1089	1423957_at	0.004786	335.7	432.87	Isg20I1
1090	1418467_at	0.004787	1050.3	1307.63	Smarcd3
1091	1423075_at	0.004791	904.47	1210.47	Lman2
1092	1424494_s_at	0.004794	474.4	605.6	2810417J12Rik
1093	1420817_at	0.004795	8665.2	10554.17	Ywhag
1094	1451835_at	0.004802	106.93	208.4	Sox21
1095	1452584_at	0.004807	4405.1	5377.87	1500032L24Rik
1096	1429071_at	0.004815	1106.57	1507.6	Me3
1097	1419260_a_at	0.004824	2080.37	2839.33	Snrpb
1098	1417890_at	0.004835	6180.97	7121.1	Pdpx
1099	1420744_at	0.004843	103.63	201.87	Chrn2
1100	1452686_s_at	0.00485	1143.53	1423.23	D4Ert196e
1101	1417592_at	0.004861	1528.37	1724.07	Frap1
1102	1447897_x_at	0.004864	287.07	433.83	Anapc11
1103	1431691_a_at	0.004905	446.8	573.27	Rab31
1104	1425760_a_at	0.004925	1924.2	2339.2	Pitpm1
1105	1417982_at	0.004932	917.47	1041.43	Insig2
1106	1450269_a_at	0.004942	1746.2	2542.2	Pfkl
1107	1430533_a_at	0.004953	1774.37	2650.37	Ctnnb1
1108	1417423_at	0.004959	5950.6	8250.13	Grina
1109	1433671_at	0.004984	487.43	724.07	A130022J15Rik
1110	1431339_a_at	0.004989	2452.77	4352.93	Efhd2
1111	1427039_at	0.004997	2265.77	3478.7	Epn1
1112	1430542_a_at	0.005002	5591.8	8151.87	Slc25a5
1113	1448534_at	0.005002	2006.7	2794.9	Ptpns1
1114	1459909_at	0.005014	536.93	851.37	Nfix
1115	1417613_at	0.005017	320.67	612.13	Ier5
1116	1420548_a_at	0.005017	177.87	231.47	2310008H09Rik
1117	1456926_at	0.005021	920.97	1175.97	Rims4
1118	1426108_s_at	0.005036	409.87	614.37	Cacnb1
1119	1418354_at	0.005044	328.77	441.83	Cog1
1120	1428578_s_at	0.005044	554.97	647.6	Ppfia4
1121	1450971_at	0.005044	225.97	422.57	Gadd45b
1122	1417480_at	0.005055	2560.47	2874.43	Fbxo9
1123	1422502_at	0.005075	1830.2	2202	Parp1
1124	1428620_at	0.005082	2439.6	3447.23	Ensa
1125	1425550_a_at	0.00509	6159.63	7608.53	Prkar1a
1126	1426744_at	0.005097	610.27	992.67	Srebf2
1127	1452806_at	0.005154	1147.7	1547.57	1500016O10Rik
1128	1418038_s_at	0.005168	408.93	524.27	Dusp19
1129	1460186_at	0.00517	2433.67	2866.33	MGI:1914262
1130	1422428_at	0.00519	1110.33	1713.33	Acsbg1
1131	1429136_at	0.005192	268.7	355.6	1700052K11Rik
1132	1449932_at	0.005194	1382.5	2039.8	Csnk1d
1133	1422017_s_at	0.005197	560.23	909.87	4833439L19Rik
1134	1450903_at	0.005206	2023.27	2769.13	Rad23b
1135	1447228_at	0.005214	368.33	608.63	Pacsin3
1136	1436482_a_at	0.005218	541.93	697.7	Sdc3

1137	1456191_x_at	0.005231	201.43	287.77	Pacsin3
1138	1434385_at	0.005235	3183.33	3696.17	Tom1l2
1139	1422547_at	0.005266	2601.23	3550.43	Ranbp1
1140	1450097_s_at	0.005266	486.47	826.73	Gna12
1141	1431923_at	0.005328	441.43	517.47	2810401C16Rik
1142	1444488_at	0.005334	588.83	790.23	Cadps
1143	1425337_at	0.005338	1809.1	2960.47	Slc12a5
1144	1460433_at	0.00534	476.9	741.53	Entpd6
1145	1458394_at	0.005342	1332.6	2249.5	Slc6a17
1146	1438003_at	0.005356	216.03	343.43	Pols
1147	1424172_at	0.005365	2855.3	3273.67	Hagh
1148	1426629_at	0.005365	482.83	596.27	Dhx8
1149	1420644_a_at	0.005369	1509.53	1740.97	Sec61a2
1150	1418768_at	0.005371	847.4	1326.23	Opa1
1151	1422560_at	0.005382	272.63	361.73	Ddi2
1152	1431226_a_at	0.005382	1108.57	1507.03	Fndc4
1153	1419816_s_at	0.005384	461.1	529.4	Errfi1
1154	1426957_at	0.005385	1035.7	1363.9	Trp53bp1
1155	1452724_at	0.0054	715.8	999.77	Ppp1r16a
1156	1451046_at	0.005401	614.1	842.23	Zfpn1
1157	1453713_s_at	0.005424	108.4	172.83	4930546H06Rik
1158	1447412_at	0.005426	351.03	661.13	Gm996
1159	1435026_at	0.005434	6528.3	10217.93	Spock2
1160	1420892_at	0.005435	506.43	662.2	Wnt7b
1161	1418619_at	0.005437	2428	2828.73	Icam5
1162	1456875_at	0.005446	353.2	438.57	1810013L24Rik
1163	1425227_a_at	0.005459	1052.23	1800.97	Atp6v0a1
1164	1454619_at	0.005474	440.43	635.4	AI451006
1165	1423493_a_at	0.005485	5097.53	6374.47	Nfix
1166	1453529_at	0.005492	92.87	168.87	6330418B08Rik
1167	1418905_at	0.005501	219.23	304.57	Nubp1
1168	1427054_s_at	0.005522	350.4	503.3	D930038M13Rik
1169	1448621_a_at	0.005523	3032.77	3527.73	Smpd1
1170	1431469_a_at	0.005526	1282.93	1916.73	Cxxc5
1171	1455672_s_at	0.005527	6666.23	8661.5	Cplx2
1172	1447863_s_at	0.005528	399.67	618.5	Nr4a2
1173	1435732_x_at	0.005536	25899.87	36456.63	Atp6v0c
1174	1433477_at	0.005541	2617.97	3149.23	Abr
1175	1427114_at	0.005542	957.83	1394.37	Ttc19
1176	1432385_a_at	0.005557	225.13	346.43	Agtpbp1
1177	1452601_a_at	0.005559	546.57	849.67	Acbd6
1178	1423994_at	0.005561	8234.23	9444.93	Kif1b
1179	1460674_at	0.005561	1517.07	1846.37	Paqr7
1180	1438194_at	0.005583	21985.27	26952.37	2900019G14Rik
1181	1447150_at	0.005594	480.67	656.03	Phr1
1182	1440452_at	0.005595	1114.53	1280.63	Drp2
1183	1416228_at	0.005597	4093.43	4932.4	Pin1
1184	1434032_at	0.005604	1516.37	2232.33	---
1185	1445631_at	0.005608	373.43	563.9	LOC545446
1186	1424945_at	0.00562	203.1	293.5	Chrdl1
1187	1448941_at	0.005621	489	820.27	B4galt2
1188	1419189_at	0.005627	702.1	997.2	Vti1a

1189	1417318_at	0.005632	4276.63	4817	Dbccr1
1190	1427109_at	0.005652	1445.1	1848.1	ORF61
1191	1434779_at	0.005652	770.6	1063.3	Cbln2
1192	1460387_a_at	0.005655	375.83	563.27	Ysg2
1193	1439908_at	0.005666	81.77	139.1	Zkscan1
1194	1418463_at	0.00568	1643.2	1968.2	Pik3r2
1195	1420592_a_at	0.005681	869.7	1123.23	Anp32e
1196	1449556_at	0.005683	203.7	284.03	H2-T23
1197	1446172_at	0.005684	109.63	174.7	BC026657
1198	1456043_at	0.005686	1101.9	1453.77	Usp22
1199	1418292_at	0.005693	2975.8	3659.37	Asna1
1200	1450315_at	0.005693	42.13	79.6	V1rd14
1201	1449536_at	0.005696	213.33	293.53	Kcnn1
1202	1435579_at	0.00571	423.57	703.33	---
1203	1455401_at	0.00571	3296.8	4454.87	Camkk2
1204	1435200_at	0.00573	291.13	359.57	6330419J24Rik
1205	1456800_a_at	0.005738	419.43	567.53	D130029J02Rik
1206	1416248_at	0.005741	917.4	1201.63	Nadk
1207	1453083_at	0.005744	69.63	115.93	6430701C03Rik
1208	1428223_at	0.005755	509.67	787.03	Mfsd2
1209	1427108_at	0.005757	1756.23	2018.87	9530068E07Rik
1210	1416155_at	0.005765	821.4	1083.8	Hmgb3
1211	1441223_at	0.005766	270.87	387.43	4-Mar
1212	1415974_at	0.005774	571.77	936.67	Map2k2
1213	1455246_at	0.005781	448.77	564.13	---
1214	1448856_a_at	0.005785	1032.43	1229.7	Msra
1215	1460426_at	0.005788	212.53	325.27	9430063L05Rik
1216	1452071_at	0.005793	886.23	1100.67	Slc4a4
1217	1418598_at	0.005804	276.27	377.9	Ubox5
1218	1452753_at	0.005813	1441.53	1858.43	Foxk2
1219	1428707_at	0.005817	5055.47	6738.17	2610009E16Rik
1220	1426792_s_at	0.005818	1382.1	1618.97	Rusc2
1221	1428690_at	0.005833	287.7	482.6	Tysnd1
1222	1417374_at	0.005837	9283.43	11395.8	Tuba4
1223	1448171_at	0.005842	188.2	271.67	Siah2
1224	1426912_at	0.005843	2574	2909.27	Rfwd2
1225	1439488_at	0.005844	306.37	555.5	Dot1l
1226	1416029_at	0.005847	430.97	670.97	Klf10
1227	1415998_at	0.00585	5053.83	7716.1	Vdac1
1228	1417262_at	0.005851	245.3	391.77	Ptgs2
1229	1425281_a_at	0.005857	989.53	1075.43	Tsc22d3
1230	1452132_at	0.005858	617.93	805.8	0610007A15Rik
1231	1422577_at	0.005859	1945.53	2595.47	Cs
1232	1421126_at	0.005861	154.33	318.97	Ryr2
1233	1451201_s_at	0.005873	718.3	930.7	Rnh1
1234	1458365_at	0.005876	186.03	232.67	Scyl1bp1
1235	1436855_at	0.005879	127.97	215.73	Ptprs
1236	1454893_at	0.005887	651.3	771.57	1110013L07Rik
1237	1454658_at	0.005893	418.7	460	Ilvbl
1238	1416087_at	0.005902	2635.37	3414.07	Ap1s1
1239	1452485_at	0.005904	105.17	246.6	Phospho1
1240	1452164_at	0.005909	2192.73	3002	BC038286

1241	1425659_at	0.005918	266.67	450.3	Tom1l2
1242	1445521_at	0.00592	325.63	457.87	Elavl1
1243	1421233_at	0.005921	229.83	371.9	Pknox1
1244	1460617_s_at	0.005925	5127.37	7025.2	Rab6b
1245	1451399_at	0.00593	1144.67	1421.87	MGI:1930773
1246	1451825_a_at	0.005933	2265.73	2897.93	Copz1
1247	1419008_at	0.005936	209.4	288.9	Npy5r
1248	1435936_at	0.00594	250.77	420.33	Slc13a5
1249	1418498_at	0.005945	1056.73	1500.83	Fgf13
1250	1435604_at	0.005946	4193.27	4913.33	Trim37
1251	1431064_at	0.005963	338.67	589.37	Dpp8
1252	1455741_a_at	0.005977	704.27	948.73	Ece1
1253	1426816_at	0.005982	428.83	643.63	2210403N09Rik
1254	1417724_at	0.005991	544.2	770	Thoc4
1255	1417568_at	0.006005	6897.2	8678.57	Ncald
1256	1426211_at	0.00602	186.2	252.9	BC021367
1257	1423031_at	0.006024	968.2	1370.57	Maea
1258	1419673_at	0.006035	707.63	1056.5	Spock1
1259	1453404_at	0.00604	189.67	280.67	2900002H16Rik
1260	1442145_at	0.006078	237.2	442.33	Atp13a3
1261	1453091_s_at	0.00609	686.53	924.57	Letmd1
1262	1456783_at	0.00611	504.53	752.67	9330107J05Rik
1263	1416845_at	0.006111	4831.83	6492.03	Hspa5bp1
1264	1457276_at	0.006111	169.93	285.1	Snf1lk2
1265	1426449_a_at	0.006131	3293.77	4265.7	Pja1
1266	1441777_at	0.006137	433.9	562.73	---
1267	1435226_at	0.006145	355.53	547.43	Ibrdc3
1268	1415676_a_at	0.006151	3802.6	4952.57	Psemb5
1269	1425539_a_at	0.006159	6371.7	8465.43	Rtn3
1270	1427481_a_at	0.006175	10689.17	11909.77	Atp1a3
1271	1449119_at	0.006179	182.23	303.4	Arih2
1272	1428068_at	0.006183	2045.77	2453.5	Samm50
1273	1418706_at	0.00619	800.6	1084.33	Slc38a3
1274	1431191_a_at	0.00619	4266.1	5758.5	Syt1
1275	1427685_a_at	0.006192	785.37	1114.2	Synj2
1276	1433817_at	0.006194	775.8	974.47	Agpat3
1277	1424267_at	0.006197	288.23	480.8	1810043G02Rik
1278	1425551_at	0.006206	349.63	579.33	Hip1r
1279	1424990_at	0.006208	235.93	340.03	D730049H07Rik
1280	1453712_a_at	0.006217	260.9	341.13	Map2k5
1281	1445498_at	0.006218	195.83	296.5	Ryr2
1282	1416392_a_at	0.006222	18241.53	24836.37	Atp6v0c
1283	1448605_at	0.00623	130.17	218.37	Rhoc
1284	1448677_at	0.006234	467.77	637.2	Cox4nb
1285	1454696_at	0.006242	12571.23	14790.27	Gnb1
1286	1451917_a_at	0.006256	405.5	993.63	Dcamk1
1287	1454754_a_at	0.00627	2696.67	3540.93	Aamp
1288	1425066_a_at	0.006271	300.43	366.43	1110061O04Rik
1289	1424484_at	0.006278	181.33	291.93	Mobk1b
1290	1429764_at	0.006284	404.87	586.33	1500005K14Rik
1291	1424913_at	0.006306	345.17	471.77	2310044G17Rik
1292	1440128_s_at	0.006315	456.7	727.67	Sez6l

1293	1426885_a_at	0.00632	3021.63	4613.1	Cdk2ap1
1294	1435105_at	0.00632	1818.37	2795.73	1110061N23Rik
1295	1424079_x_at	0.006324	616.1	969.27	2900073H19Rik
1296	1453995_a_at	0.006337	176.13	316.4	Htf9c
1297	1425977_a_at	0.006348	661.17	846.8	Slk
1298	1450725_s_at	0.006351	136.57	231.73	Car14
1299	1436377_at	0.006352	1070	1283.9	Al428855
1300	1416020_a_at	0.00636	4429.97	5808.73	Atp5g1
1301	1416289_at	0.006365	259.5	286.73	Plod1
1302	1448003_at	0.006372	261.5	348.1	1810043H04Rik
1303	1417388_at	0.006404	7013	8201.33	Bex2
1304	1460262_a_at	0.006406	1098.83	1684.97	1700037H04Rik
1305	1423772_x_at	0.006414	6940.7	8625.1	Slc25a5
1306	1454753_at	0.00642	463.33	614.97	Rnpepl1
1307	1422136_at	0.006439	156.77	315.07	Uhmk1
1308	1447669_s_at	0.006445	415.57	498.97	Gng4
1309	1427288_at	0.006447	1591.27	1861.87	Apba2
1310	1448262_at	0.006449	1830.53	2267.57	Psbm2
1311	1454037_a_at	0.00645	154.47	272.3	Flt1
1312	1451147_x_at	0.006454	618.3	911.4	Csdc2
1313	1435607_at	0.006454	1215.67	1520.43	Grm2
1314	1437840_s_at	0.006469	475.87	701.43	Al325464
1315	1437291_at	0.006483	657.63	746.07	2700081O15Rik
1316	1444307_at	0.006485	185.73	247.13	---
1317	1420877_at	0.006504	1879.2	2122.8	6-Sep
1318	1448844_at	0.006506	503.8	747.97	1810044O22Rik
1319	1426409_at	0.006508	502.03	727.07	Lzts2
1320	1456313_x_at	0.006509	1691.57	2239.7	Mrpl28
1321	1424651_at	0.006518	190.1	254.87	BC021611
1322	1416900_s_at	0.006519	821.67	1191.6	Gdf1 Lass1
1323	1439765_x_at	0.006526	1144.47	1795.27	2410039E07Rik
1324	1421059_a_at	0.006544	3884.57	4403.73	Alg2
1325	1439583_x_at	0.006552	657.87	835.33	D130029J02Rik
1326	1430997_at	0.006585	160.23	296.63	Cd47
1327	1425351_at	0.006591	290.7	506.8	Srxn1
1328	1416032_at	0.006596	472.93	840.7	1110006115Rik
1329	1427110_at	0.006596	263.93	376	1300006N24Rik
1330	1419495_at	0.006601	257.8	300	Immp2l
1331	1430851_at	0.006601	214.43	360.03	Zfp444
1332	1418279_a_at	0.006612	294	417.1	Akap1
1333	1452484_at	0.006623	265.4	417.5	Car7
1334	1436992_x_at	0.006648	10374.6	14362.07	---
1335	1452211_at	0.006662	809.5	975.4	Psme4
1336	1450147_at	0.006665	1246.3	2199.37	Nptxr
1337	1419439_at	0.006668	145.77	208.27	Stk22s1
1338	1460288_a_at	0.006671	963.4	1380.97	Ppp4c
1339	1436167_at	0.006685	677.23	806.1	LOC435684
1340	1429298_at	0.006685	2289.7	2691.83	Ddah1
1341	1452846_at	0.006694	305.4	552.53	Ppfia4
1342	1426399_at	0.006697	334.43	424.97	Vwa1
1343	1431129_at	0.0067	246.8	339.77	Usp31
1344	1455649_at	0.006702	449.4	556.27	Ttc9

1345	1456029_a_at	0.006712	1240.7	1892.13	Ttc7b
1346	1449405_at	0.006719	234.13	310.7	Tns1
1347	1451122_at	0.006729	999.73	1286.07	Idi1
1348	1421491_a_at	0.006746	2054.77	3164.17	Tmem49
1349	1427286_at	0.006756	1133.43	1320.3	D11Bwg0517e
1350	1450172_at	0.006757	239.4	313.17	Pknox1
1351	1426094_at	0.006764	1617.37	2064.87	Rhbd1
1352	1434498_at	0.006769	445.37	679.43	Gm1673
1353	1452357_at	0.006784	13799.8	18722.37	Gp1bb Sept5
1354	1427688_a_at	0.006786	591.87	1152.97	Ptpsr
1355	1441338_at	0.006787	196.27	362.13	5930412G12Rik
1356	1444562_at	0.006793	163.77	214.23	Ube3c
1357	1448115_at	0.006798	317.8	426.5	Htf9c
1358	1415993_at	0.006799	1331.13	1648.2	Sqle
1359	1450865_s_at	0.006801	1053.23	1236.5	Mrps24
1360	1447392_s_at	0.006806	110.53	212.27	Cpd
1361	1426824_at	0.006808	586.77	811.5	Psme4
1362	1433554_at	0.00681	1618.43	1831.07	AU022870
1363	1426577_a_at	0.006814	490.3	639.53	1810054G18Rik
1364	1440901_at	0.006814	612.3	849.03	Dgkb
1365	1441065_at	0.006815	3004.2	3360.03	---
1366	1423544_at	0.006829	1501.83	2015.4	Ptpn5
1367	1428564_at	0.00683	430.7	679.53	Zfp579
1368	1460030_at	0.006832	237.33	292.27	Hecw1
1369	1455235_x_at	0.006834	7271.57	10737.73	Ldh2
1370	1416551_at	0.006836	14580.6	19108.57	Atp2a2
1371	1451328_at	0.006852	1259.43	1537.17	Pcnx13
1372	1415731_at	0.006855	631.77	686.43	Angel2
1373	1424578_at	0.006857	663.93	1144.87	Arrdc1
1374	1450818_a_at	0.006867	6465.53	7247.13	Ndufa7
1375	1452646_at	0.006879	3063.13	4262.6	Trp53inp2
1376	1460237_at	0.006898	215.3	343.33	Trim8
1377	1425190_a_at	0.006904	735.77	849	1700048E23Rik
1378	1437861_s_at	0.006906	3895.87	5010.93	Prkce
1379	1451586_at	0.006913	3965.27	5490	Tegt
1380	1433015_at	0.006918	298.23	534.63	6330436F06Rik
1381	1454823_at	0.00692	415.5	489.5	Wdr37
1382	1426902_at	0.006926	203.17	319.87	Coq6
1383	1433630_at	0.006935	1101	1304.27	LOC208158
1384	1426235_a_at	0.006939	2978.5	3450.57	Glul
1385	1425900_at	0.006955	329.23	501.6	Hkdc1
1386	1423964_at	0.006957	565.93	639.43	Cpsf3l
1387	1457040_at	0.006958	377.33	555.97	Lgi2
1388	1458436_at	0.006961	70.8	110.2	Auh
1389	1434744_at	0.006967	630.83	848.23	Yrdc
1390	1416541_at	0.006968	628.43	714.8	Clpb
1391	1441064_at	0.006972	389.13	605	E330039K12Rik
1392	1445561_at	0.006983	180.73	284.17	---
1393	1427569_a_at	0.006986	310.5	495.27	Utrn
1394	1440817_x_at	0.006987	2009.33	2403.13	G630024C07Rik
1395	1427117_at	0.007023	483.87	731.67	Mtmr3
1396	1440207_at	0.007023	741.87	1026.17	AI505034

1397	1432418_a_at	0.007038	1891.57	2083.2	Ckmt1
1398	1428190_at	0.007038	750.1	902	Slc25a1
1399	1451568_at	0.007055	432.37	567.07	A630054L15Rik
1400	1417322_at	0.007057	1070.1	1632.17	Hlrc1
1401	1429170_a_at	0.007063	168.7	270.4	Mtf1
1402	1428834_at	0.00707	136.93	254.57	Dusp4
1403	1451041_at	0.007075	1297.2	1634.73	Rock2
1404	1421383_at	0.007079	89.23	146.33	2310043N13Rik
1405	1448435_at	0.007113	922.17	1240.87	Pcqap
1406	1423743_at	0.007115	809.87	980.33	Arcn1
1407	1427404_x_at	0.007119	11741.73	15107.63	LOC433182
1408	1417994_a_at	0.007128	614.53	944.53	Accn1
1409	1450478_a_at	0.00713	414.8	491.67	Ptpn12
1410	1432462_a_at	0.007132	508.97	742.27	Crsp8
1411	1456580_s_at	0.007133	8535.6	10780.57	Atp5d
1412	1441264_x_at	0.007138	400.9	595.33	A930005H10Rik
1413	1438138_a_at	0.007157	346.07	605.63	Pex6
1414	1447945_at	0.007161	124.4	218.7	Maf
1415	1434723_at	0.007171	526.7	710.93	---
1416	1417293_at	0.007186	660.13	890.93	Hs6st1
1417	1450918_s_at	0.007188	1373.17	1908.2	Src
1418	1440248_at	0.007192	295.83	440.63	Casc4
1419	1431169_at	0.007194	75.77	119.13	D230012E17Rik
1420	1420795_at	0.007201	363.3	658.97	Fgf9
1421	1418410_at	0.007207	203.53	322.87	Jrk
1422	1427004_at	0.007264	2527.17	2962.97	Fbxo2
1423	1452014_a_at	0.007266	103.3	147.03	Igf1
1424	1418775_at	0.007271	984.43	1526.17	Al837181
1425	1426024_a_at	0.007274	2707.43	3630.8	Dbn1
1426	1438426_at	0.007277	721.63	903.73	Tmem58
1427	1432411_a_at	0.007289	475.73	608.93	Fbxw2
1428	1418260_at	0.007304	621.53	963.77	Hunk
1429	1447222_at	0.007324	192.47	354.07	Hspa12a
1430	1416388_at	0.007327	631.67	934.13	Pip5k2c
1431	1415819_a_at	0.007328	9171.53	12068.4	Ppp2r1a
1432	1420968_at	0.007349	307.67	514.17	Btbd14b
1433	1422256_at	0.007368	749.67	896.83	Sstr2
1434	1426606_at	0.007377	1135.07	1370.9	Crtac1
1435	1458539_at	0.007382	403.73	690.67	R3hdm1
1436	1431308_at	0.007393	78.6	163.03	5730557B15Rik
1437	1433451_at	0.007394	4384.37	6232.57	Cdk5r1
1438	1421563_at	0.007399	104.57	254.7	Atp7b
1439	1451094_at	0.007412	1456.17	1676.8	Ggtl3
1440	1424720_at	0.007417	1478.03	1881.8	Mgat4b
1441	1435049_s_at	0.00742	710.37	852.1	Al854703
1442	1421375_a_at	0.007422	393.8	445.83	S100a6
1443	1426510_at	0.007432	506.9	764.27	Sccpdh
1444	1448153_at	0.007432	9295.23	12342.73	Cox5a
1445	1429680_at	0.007435	253.27	341.33	1500010G04Rik
1446	1454786_at	0.00744	335.3	448.67	5031439G07Rik
1447	1450370_a_at	0.007444	815.93	957.47	Kcnip4
1448	1424142_at	0.00745	225.57	342.3	Ikbpap

1449	1434050_at	0.007457	627.3	1115.03	Al315068
1450	1458441_at	0.007457	844.3	1049.33	Slc6a17
1451	1435328_at	0.007469	1358.7	1574.7	Cyhr1
1452	1418288_at	0.007475	267.73	366.13	Lpin1
1453	1450871_a_at	0.007487	1388.67	1633.57	Bcat1
1454	1436053_at	0.007487	529.9	785.83	Tbc1d22b
1455	1417557_at	0.007497	1689.57	1983.07	Ubx1
1456	1435402_at	0.0075	274.73	480.93	A930008A22Rik
1457	1440143_at	0.007501	323.5	495.57	F630022B06Rik
1458	1435847_at	0.007503	2583.4	3441	Cdc42bpa
1459	1422589_at	0.007506	9784.3	12712.7	Rab3a
1460	1425576_at	0.007511	2276.83	3013.47	Ahcy1
1461	1417543_at	0.007547	192.27	324.37	Rps6ka2
1462	1450817_at	0.007547	123.6	209.53	Solh
1463	1421480_a_at	0.007561	187.07	396.83	Adarb1
1464	1432216_s_at	0.007591	65.5	94.23	Mpp7
1465	1425461_at	0.007592	617.87	875.23	Fbxw11
1466	1443798_at	0.00761	495.53	2422.87	Pik3cd
1467	1455168_a_at	0.007618	6309.27	7943	Gnb2l1
1468	1455330_at	0.007619	324.17	412.77	4632412I24Rik
1469	1420980_at	0.007641	8121.57	9715.5	Pak1
1470	1416831_at	0.007646	652.9	743.57	Neu1
1471	1435258_at	0.007647	411.17	573.03	D2Ert217e
1472	1418901_at	0.007689	464.33	543.3	Cebpb
1473	1424406_at	0.007693	459.5	613.1	Bcl2l13
1474	1428048_at	0.007693	39.93	66.43	BC027582
1475	1450957_a_at	0.007698	7610.93	9605.53	Sqstm1
1476	1433444_at	0.007715	3825.8	5621.97	Hmgcs1
1477	1429951_at	0.007735	197.47	245.2	Ssbp2
1478	1451897_a_at	0.00774	834.1	1109.9	Nbr1
1479	1421568_at	0.007745	242.6	399.03	Kcna6
1480	1448249_at	0.007745	791.87	1230.53	Gpd1
1481	1438402_at	0.007747	578.77	748.97	9630050M13Rik
1482	1426257_a_at	0.00776	2954.97	3604.4	Sars1
1483	1421939_a_at	0.007765	123.13	189.5	Stag1
1484	1438196_at	0.007765	969.47	1147.23	Gpd1l
1485	1433541_a_at	0.007775	1222.7	1542.63	Ubp2l
1486	1438500_at	0.007776	300.27	518.4	B230206N24Rik
1487	1417502_at	0.007787	11483.7	17647.47	Tspan7
1488	1452352_at	0.007806	51.13	72.43	Ctla2b
1489	1429988_at	0.007808	66.67	128.2	Zfp235
1490	1459847_x_at	0.007813	451.67	588.97	Gfra2
1491	1459903_at	0.007836	2315.23	2779.77	Sema7a
1492	1416491_at	0.007839	518.63	1028.93	Numbl
1493	1455012_s_at	0.007864	4600.97	5497.43	Trim37
1494	1454779_s_at	0.007866	231.57	321.3	C230052I12Rik
1495	1423210_a_at	0.007882	6012.67	7188.53	Nola3
1496	1416986_a_at	0.007883	1191.57	1660.7	Ptpns1
1497	1422031_a_at	0.007884	952.33	1064.73	Za20d3
1498	1440905_at	0.007899	251.07	356.5	Hs2st1
1499	1432027_a_at	0.007901	334.7	526.4	Tbc1d14
1500	1450108_at	0.007904	3396.37	4395.5	Kif1a

1501	1419444_at	0.007925	1234.13	2005.83	Sap18
1502	1426621_a_at	0.007941	3196.67	3600.67	Ppp2r2b
1503	1426993_at	0.007943	561.1	723.07	Xpr1
1504	1428836_at	0.007975	432.53	593.67	2300009A05Rik
1505	1432054_at	0.007985	48.73	80.3	Golga1
1506	1423661_s_at	0.008009	223.27	335.87	Ctdsp2
1507	1418810_at	0.008011	573.33	778.17	Crhr1
1508	1451908_a_at	0.008021	841.8	1264.63	Sec14l1
1509	1435068_at	0.008021	1555.43	2252.03	Pip5k2b
1510	1439888_at	0.008022	46.9	105.77	---
1511	1433107_at	0.008026	72.63	146.6	---
1512	1453215_at	0.008046	38.2	87	Rnase10
1513	1450898_at	0.008056	776.9	1025.03	Hiat1
1514	1451461_a_at	0.008058	14516.5	18682.93	Aldoc
1515	1455442_at	0.008063	48.63	88.6	---
1516	1448669_at	0.008065	2034.7	2307.27	Dkk3
1517	1458469_at	0.008076	130.1	171.8	Cblb
1518	1430117_a_at	0.008087	177.5	221.13	Zfp64
1519	1418646_at	0.008099	1183.9	1849.7	Gna-rs1
1520	1455545_at	0.00811	1727.23	2054.73	1110065P20Rik
1521	1428954_at	0.008124	271.77	415	Slc9a3r2
1522	1437197_at	0.00814	2668.37	3234.93	Sorbs2
1523	1434708_at	0.008143	1020.33	1225.73	Vhlh
1524	1429884_at	0.008147	674.1	809.43	Srgap2
1525	1453059_at	0.008149	1593.1	1876.67	2310046A06Rik
1526	1418588_at	0.008158	14681.03	17065.1	Vmp
1527	1451480_at	0.008159	255.8	418.33	E2f4
1528	1452082_at	0.00816	625.87	817.97	6430548M08Rik
1529	1451098_at	0.008161	1024.73	1329.27	Pcoln3
1530	1416191_at	0.008168	538	846.3	Sec61a1
1531	1428484_at	0.008172	1145.5	1453.63	Osbp13
1532	1452376_at	0.008176	180.47	387.33	Zfp444
1533	1452969_at	0.008179	3074.7	3782.93	Atp2b1
1534	1415691_at	0.008182	6372.03	7899.87	Dlgh1
1535	1424757_at	0.008222	2227.57	2510.53	BC018242
1536	1450968_at	0.008224	5033.07	6033.93	Uqcrfs1
1537	1421924_at	0.008232	533.87	839.5	Slc2a3
1538	1417611_at	0.00824	78.6	221.13	Tmem37
1539	1424308_at	0.008251	1800.47	2483.37	Slc24a3
1540	1443162_at	0.008253	57.53	107.37	---
1541	1459947_at	0.008253	93.6	175.8	Txndc5
1542	1442524_at	0.008254	106.93	214.9	---
1543	1426430_at	0.008266	258.47	418.77	Jag2
1544	1450056_at	0.008272	700.33	1025.77	Apc
1545	1418396_at	0.008308	80.43	131.9	Gpsm3
1546	1418485_at	0.008319	2041.07	2428.3	Slc4a3
1547	1452909_at	0.008323	302.83	427.8	2410127E18Rik
1548	1452316_at	0.008327	252.13	330.57	Phf22
1549	1452137_at	0.008331	244.7	331.83	Acbd3
1550	1424668_a_at	0.008334	383.77	685.07	Cutl1
1551	1451708_at	0.008338	52.4	94.27	Gpr33
1552	1415836_at	0.008348	300.1	428.03	Aldh18a1

1553	1419221_a_at	0.008349	1481.6	1704.73	Rgs14
1554	1440152_x_at	0.008355	944.4	1490.23	Edf1
1555	1449401_at	0.008359	776.4	952.6	C1qg
1556	1435844_at	0.008361	497.43	725	A330009N23Rik
1557	1456304_at	0.008373	186.9	365.57	Gm996
1558	1422801_at	0.008389	1322.5	1528.07	MGI:1351465
1559	1451309_at	0.008405	839.07	1075.67	Arhgap1
1560	1433665_at	0.008408	2022.93	2857.57	Vps41
1561	1431360_s_at	0.008411	225.5	339.53	4921520P21Rik
1562	1418533_s_at	0.008429	291.97	467.23	Fzd2
1563	AFFX-MURINE	0.008431	29218.53	41537.6	Ankfy1
1564	1415950_a_at	0.008432	8803.6	13532.63	Pbp
1565	1436874_x_at	0.008435	7600.8	10327.47	Slc25a5
1566	1448868_at	0.008445	1968.37	2488	Scand1
1567	1426372_a_at	0.008453	645	897.67	Bet1l
1568	1424562_a_at	0.00846	14062.33	17721.5	Slc25a4
1569	1448691_at	0.008462	2252.53	2597.5	Ubqln4
1570	1416642_a_at	0.008474	23186.07	35077	Tpt1p
1571	1423716_s_at	0.008507	3915.27	5366.33	Atp5d
1572	1452913_at	0.008515	527.93	719.37	Pcp4l1
1573	1426766_at	0.008517	3125.4	3467.97	6330403K07Rik
1574	1418402_at	0.008531	316.33	468.33	Adam19
1575	1452201_at	0.008535	194.93	381.93	2310047B19Rik
1576	1416972_at	0.008548	4446.17	5618.73	Nhp2l1
1577	1450007_at	0.008548	1304.97	1861.63	1500003O03Rik
1578	1424421_at	0.008549	555.93	683.87	Flad1
1579	1415699_a_at	0.008554	2873.1	3765.5	Gps1
1580	1428180_at	0.008554	677.43	785.2	2810422J05Rik
1581	1451067_at	0.008563	2135.4	3415.83	Sgta
1582	1452958_at	0.008584	2127.37	2698.8	2900006N09Rik
1583	1422186_s_at	0.008589	1128.77	1383.73	Cyb5r3
1584	1418522_at	0.008596	882.43	1074.3	Mtx1
1585	1453324_at	0.0086	532.93	675.07	6330509M23Rik
1586	1446048_at	0.0086	450.73	752.6	Cdh11
1587	1448571_a_at	0.008624	391.6	543.33	Gmfb
1588	1450039_at	0.008652	698.13	987.47	Usp9x
1589	1424115_at	0.008657	1993.93	2510.63	Ppp5c
1590	1442824_at	0.008663	32.17	58.7	8030497I03Rik
1591	1435986_x_at	0.008673	1043.37	1152.33	Sdhc
1592	1422321_a_at	0.008678	252.2	562.3	Zfp162
1593	1433324_at	0.008686	72.83	112.27	9330154F10Rik
1594	1415814_at	0.008699	10682.8	13571.8	Atp6v1b2
1595	1440570_at	0.008717	77.63	124.8	A930031L14Rik
1596	1450640_x_at	0.008719	9235.73	12218.7	Atp5k
1597	1417263_at	0.008743	139.13	291.6	Ptgs2
1598	1441333_at	0.008754	29.8	71.97	Trps1
1599	1415717_at	0.008759	1705.73	1987.4	4931406I20Rik
1600	1433764_at	0.00876	769.43	1131.3	Clec2l
1601	1416932_at	0.008762	436	619.6	Cog2
1602	1426277_at	0.008784	296.07	369.57	C730025P13Rik
1603	1433468_at	0.008785	745.47	1022.23	6430527G18Rik
1604	1423808_at	0.008806	202.93	279.57	Wdr79

1605	1416291_at	0.008822	1770.17	2106	Psmc4
1606	1448971_at	0.008822	420.3	664.63	2410022L05Rik
1607	1454828_at	0.008834	438.73	511.1	AI790205
1608	1423786_at	0.008839	507.47	600.57	8430410A17Rik
1609	1442933_at	0.008859	180.03	211.17	6230415M23Rik
1610	1460341_at	0.008864	6142.67	7311.13	Plekhb2
1611	1418080_at	0.008871	1177.23	1529.03	B4galt2
1612	1441089_at	0.008871	169.73	247.4	Eif2c3
1613	1450143_at	0.008879	1698.63	2934.73	Rasgrp1
1614	1435976_at	0.008882	265.8	489.73	---
1615	1417472_at	0.008887	298.3	484.2	Myh9
1616	1428408_a_at	0.008896	470.43	613.57	D12Erttd551e
1617	1449066_a_at	0.008907	1011.67	1297.57	Arhgef7
1618	1421090_at	0.008932	2158.43	2965.8	Epb4.111
1619	1418743_a_at	0.008942	362.07	555.93	MGI:1930803
1620	1417065_at	0.00895	11183.97	15992.4	Egr1
1621	1423040_at	0.008975	1685	2347.83	Bzw1
1622	1425111_at	0.008975	294.8	418.4	Sorcs3
1623	1448428_at	0.008988	348.8	556.7	Nbl1
1624	1447874_x_at	0.008992	224.6	314.03	Smpd1
1625	1419617_at	0.009006	205.13	250.77	Kcnn1
1626	1460653_at	0.009008	386.73	565.37	Sca2
1627	1451369_at	0.009025	414.57	657.07	Comm5
1628	1425611_a_at	0.009029	607.43	924.47	Cutl1
1629	1450519_a_at	0.009036	2203.47	2723.53	Prkaca
1630	1417179_at	0.00904	4206.13	4982.37	Tspan5
1631	1438164_x_at	0.00905	3525.9	3788.67	Flot2
1632	1452747_at	0.009054	330.13	537.63	Atp13a2
1633	1448156_at	0.009065	519.63	987.57	Tff1
1634	1428621_a_at	0.009075	1052.73	1243.03	Vps25
1635	1449460_at	0.009075	536.07	640.57	Asb13
1636	1426118_a_at	0.009085	1206.37	1437.2	Tomm40
1637	1421340_at	0.009086	408.77	561.5	Map3k5
1638	1448553_at	0.009098	297.03	410.07	Myh7
1639	1422977_at	0.009104	506.9	779.57	Gp1bb
1640	1424141_at	0.009105	2016.97	2436.5	Hectd1
1641	1427023_at	0.009116	3068.8	4125.4	Phyhipl
1642	1429306_at	0.009119	102.1	170.33	Lzic
1643	1456785_at	0.009119	671.6	814.53	Crsp2
1644	1422677_at	0.009123	678.5	952.07	Dgat2
1645	1460169_a_at	0.009132	3209.27	4562.5	Pctk1
1646	1455571_x_at	0.009151	22619.8	28306.9	Calm1
1647	1425629_a_at	0.009152	735.87	1075.9	Nol6
1648	1448112_at	0.009179	11127.27	16311.7	Cox7c
1649	1428132_at	0.009193	312.57	427.7	Cdc42se1
1650	1430615_at	0.009199	139	254.9	LOC545577
1651	1436299_at	0.009203	924.17	1139.9	Gls
1652	1420828_s_at	0.009227	9029.23	9664.7	Ywhaq
1653	1452105_a_at	0.00923	792.6	1033.9	Tsc2
1654	1448351_at	0.009234	619.17	928.03	Coro1b
1655	1421528_a_at	0.009247	438.83	513.3	Surf5
1656	1455943_at	0.009249	622.73	760.37	Zfp451

1657	1417308_at	0.009251	10572.13	14681.57	Pkm2
1658	1416535_at	0.009256	1538.43	1658.17	Mcrs1 LOC433780
1659	AFFX-BioB-5_a	0.009262	534.53	766.67	bioB
1660	1447219_at	0.009274	126.03	173.17	---
1661	1451143_at	0.009286	394.47	638.47	1110006G06Rik
1662	1428120_at	0.009307	357.37	520.87	Fbxw9
1663	1455328_at	0.009313	701.5	939.87	Accn2
1664	1428101_at	0.009343	1086.27	1218.63	Rnf38
1665	1426458_at	0.009353	200.67	316.27	Slmap
1666	1416819_at	0.009354	3154.8	4113.5	Cdc37
1667	1441899_x_at	0.009371	4869.4	5652.6	Bcan
1668	1435460_at	0.009394	318.33	393	Prkg2
1669	1417653_at	0.009407	2507.47	3357.03	Pvalb
1670	1417295_at	0.009413	752.63	966.03	Mta1
1671	1450005_x_at	0.009441	366.17	605.17	Egfl9
1672	1451476_at	0.009441	592.53	1002.67	Zdhhc8
1673	1455354_at	0.009452	481.53	551.03	Wdr22
1674	1450122_at	0.009455	352.63	468.07	Ptprg
1675	1428017_at	0.009458	398.3	549.6	Pknox2
1676	1436665_a_at	0.009458	502.33	699.13	Ltbp4
1677	1452101_at	0.009458	1000.47	1213.9	Blmh
1678	1437023_at	0.009462	393.13	429.73	Zfp12
1679	1457840_at	0.009469	163.63	251.93	Plxna4
1680	1428667_at	0.00948	669.87	760.07	Maoa
1681	1431997_at	0.009486	2481.7	2766.67	3000002C10Rik
1682	1420934_a_at	0.009488	390.37	471.47	Srrm1
1683	1431030_a_at	0.009509	1464.57	1752.03	Rnf14
1684	1454056_at	0.009517	206.5	281	9030407P20Rik
1685	1453932_at	0.009526	121.17	204.3	4931433A01Rik
1686	1428718_at	0.009537	1440.77	1682	Scrn1
1687	1458421_at	0.009539	218.7	259.13	Kcnq3
1688	1415834_at	0.009543	1529.27	2288.23	Dusp6
1689	1425212_a_at	0.009543	343.63	568.2	Tnfrsf19
1690	1434261_at	0.009552	747.73	992.27	Sipa1l2
1691	1424441_at	0.009557	1586.33	1951.07	Slc27a4
1692	1427922_at	0.009561	182.83	250.17	2310061C15Rik
1693	1454206_a_at	0.009562	181.67	393.73	Adam15
1694	1457968_at	0.009562	43.97	108.93	Tmem23
1695	1455873_a_at	0.009577	453.13	700.9	Vps18
1696	1455369_at	0.009586	2683.03	3670.4	Apba1
1697	1424138_at	0.009622	285.1	372.33	Rhbdf1
1698	1426710_at	0.009655	15393.43	23171.07	Calm3
1699	1422461_at	0.009659	319.13	407.67	Atad3a
1700	1442752_at	0.009669	244.07	401.57	---
1701	1423973_a_at	0.009699	9129	11881.73	Arf3
1702	1428247_at	0.009704	1336.13	1425.37	2310075A12Rik
1703	1423140_at	0.009708	140.1	165.67	Lip1
1704	1437882_s_at	0.009708	116.93	148.97	3110048L19Rik
1705	1450436_s_at	0.009708	1642.7	2118	Dnajb5
1706	1436286_at	0.009713	84.53	196.47	B830017H08Rik
1707	1439705_at	0.009729	114.57	210.8	Ptpn12
1708	1457177_at	0.009733	153.9	267.3	---

1709	1435965_at	0.009765	930.2	1330.67	Cnot3
1710	1450413_at	0.00977	181.37	287.73	Pdgfb
1711	1431946_a_at	0.009779	835.67	1057.57	Apba2bp
1712	1452663_at	0.009783	920.73	1170	1110030H18Rik
1713	1451312_at	0.00979	4026.97	4588.47	Ndufs7
1714	1460554_s_at	0.009793	1654.87	2075.23	Glg1
1715	1427646_a_at	0.009798	575.43	831.63	Arhgef2
1716	1442163_at	0.009799	161.77	232.03	Hace1
1717	1458075_at	0.00981	216.87	301.53	Dst
1718	1436026_at	0.009814	957.63	1092.7	MGI:2662729
1719	1416749_at	0.00982	3936.23	4630.83	Htra1
1720	1449646_s_at	0.009823	561.4	795.87	Tigd5
1721	1451768_a_at	0.009829	309.3	610.5	Slc20a2
1722	1429591_at	0.009862	301.17	385.5	Tacc1
1723	1417949_at	0.009867	670.17	932.8	Ilf2
1724	1426727_s_at	0.00987	553.07	719.2	Ppp1r10
1725	1416934_at	0.009884	163.43	192.57	Mtm1
1726	1448209_a_at	0.009906	6196.4	9305.27	Slc22a17
1727	1427966_at	0.009908	370.17	446.73	BC087945
1728	1419198_at	0.009913	182.2	207.03	Cbx8
1729	1416004_at	0.009935	16385.67	21679.5	Ywhah
1730	1441063_at	0.009937	130.27	178.23	Eif2c3
1731	1416241_at	0.009939	813.77	1057.43	Sec13l1
1732	1426128_a_at	0.009948	291.5	399.83	Kcnq2
1733	1438206_a_at	0.009952	1300.93	1519.23	2610042O14Rik
1734	1425975_a_at	0.009955	2891.5	3726.13	Mapk8ip3
1735	1441554_at	0.009957	53.53	125.77	4833446K15Rik
1736	1415932_x_at	0.009958	3447.63	4464.03	Atp9a
1737	1417882_at	0.009971	357.93	652.93	Slc39a3
1738	1425660_at	0.009973	1112.4	1379.6	Btbd3
1739	1428121_at	0.009973	2075.07	2716.33	2610528K11Rik
1740	1432748_at	0.009975	27.13	70.87	4933403J19Rik

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