

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

Monocular deprivation (4 days) versus control

Upregulated

Significance criterion = 0.01

i	affyid	p	data	control	gene
1	1416094_at	0.000002	1700.9	1409.57	Adam9
2	1452318_a_at	0.000003	535.07	184.37	Hspa1b
3	1440343_at	0.000003	728.03	424.83	Rps6ka5
4	1455145_at	0.000004	1431.07	933.53	---
5	1417492_at	0.000006	1130.9	972.63	Ctsb
6	1434539_at	0.000008	2008.07	1453.83	Lrrn3
7	1434977_at	0.000008	239.43	169.3	4933403F05Rik
8	1434141_at	0.000009	4239.87	2652.6	Gucy1a3
9	1426951_at	0.000013	1013.9	594.83	Crim1
10	1447277_s_at	0.000013	6195.17	4925.5	Pcyox1
11	1415971_at	0.000014	8000.43	6418.67	Marcks
12	1418574_a_at	0.000014	2104.03	1748.5	Shfm1
13	1419442_at	0.000015	798.6	340.67	Matn2
14	1436824_x_at	0.000018	2216.27	1704.37	LOC545856
15	1455620_at	0.000021	1566.33	1416.63	---
16	1438423_at	0.000022	1501.53	869.9	Ssbp2
17	1438835_a_at	0.000026	4461.47	3023.6	Eftud2
18	1417077_at	0.000027	1825.37	1401.63	Bcap29
19	1437993_x_at	0.000028	8643.53	6660.27	Qdpr
20	1452869_at	0.00003	591.13	432.07	Prpf38b
21	1423831_at	0.000032	756.97	610.37	Prkag2
22	1424604_s_at	0.000041	384.3	240.27	Sumf1
23	1434581_at	0.000041	1886.07	1359.7	---
24	1452114_s_at	0.000042	3341.03	2097.53	Igfbp5
25	1459717_at	0.000045	418.97	235.7	---
26	1455627_at	0.000047	297.1	117.73	Col8a1
27	1451434_s_at	0.000049	833.93	586.77	5430405G24Rik
28	1454711_at	0.000052	1631.23	1164.57	Trio
29	1452908_at	0.000052	1998.4	1534.5	MGI:2385920
30	1450344_a_at	0.000055	173.73	79.63	Ptger3
31	1447655_x_at	0.000057	558.73	368.9	Sox6
32	1415855_at	0.000058	2660.43	1450.07	Kitl
33	1434416_a_at	0.00006	1066.47	759.87	---
34	1423759_a_at	0.000062	2157.37	1688.23	Tmco1
35	1452709_at	0.000064	1765.13	1527.47	Poldip3
36	1449181_at	0.000066	1775.87	1286.5	Fech
37	1440148_at	0.000066	397.97	147.17	Gpr6
38	1436459_at	0.000068	433.5	170.9	---
39	1438971_x_at	0.00007	2464.23	1637.5	Ube2h
40	1428493_at	0.000071	523.07	343.33	2610511M17Rik
41	1436185_at	0.000078	516.57	408.17	AI314180
42	1435554_at	0.000081	1126.57	706.7	Tmcc3
43	1440187_at	0.000081	396.3	216.1	Taf3
44	1456480_at	0.000081	2450.97	1862.3	9330186A19Rik

45	1423069_at	0.000082	5334.17	4690.5	Adnp
46	1433901_at	0.000089	2554.87	1912.17	Gpiap1
47	1434283_at	0.000089	1136.23	692.7	Arid5b
48	1424413_at	0.000092	2783.4	2032.83	Ogfrl1
49	1433667_at	0.000094	2207	1496.73	Lgi3
50	1435095_at	0.000094	1894.67	1478.23	C030009O12Rik
51	1455503_at	0.000095	317.47	183	Zfp85-rs1 6820416H06Rik
52	1416390_at	0.000097	259.67	148.67	Rcbtb2
53	1438232_at	0.000098	626.83	459.53	Foxp2
54	1420318_at	0.000101	116.83	80.43	---
55	1452222_at	0.000101	2102.83	1538.13	Utrn
56	1436182_at	0.000104	2532.1	1681.6	Satb1
57	1427153_at	0.000105	1222.7	1041.93	Bckdhb
58	1421594_a_at	0.000108	2393.6	1975.83	Sytl2
59	1427126_at	0.00011	323.67	130.83	Hspa1b
60	1436534_at	0.000112	1756.73	1271.67	Trove2
61	1415764_at	0.000114	2610.97	1906.13	Zc3h11a
62	1440545_at	0.000114	854.83	419.63	---
63	1454782_at	0.000115	3232.9	2520.9	Bai3
64	1429002_at	0.000116	1961	1306.37	Skiip
65	1434890_at	0.000116	5877.2	4596.53	Opa1
66	1437163_x_at	0.000118	623.77	417.5	Gtf2h4
67	1426459_s_at	0.000125	2500.47	1937.5	AW549877
68	1418469_at	0.000126	1587.13	852.53	Nrip1
69	1428193_at	0.000126	1870.7	1553.4	Usp9x
70	1434736_at	0.000126	5118.97	2656.77	Hlf
71	1421175_at	0.000128	5271.03	3615.9	Myt1l
72	1437635_at	0.000134	1242.87	938.53	Dcbld2
73	1434877_at	0.000139	6527.33	4332.7	Nptx1
74	1455720_at	0.000139	391.13	169.63	Adamts2
75	1439606_at	0.000144	1990.73	1752.4	Katnal1
76	1436234_at	0.000146	494.03	283.6	4732471D19Rik
77	1424707_at	0.000147	3914.47	3240.63	Tmed10
78	1442867_at	0.000151	850.07	581.07	2410080H04Rik
79	1448955_s_at	0.000152	7754.33	6083.3	Cadps
80	1438633_x_at	0.000154	3269.77	2185.23	Lasp1
81	1423597_at	0.000157	3038.33	2169.13	Atp8a1
82	1418160_at	0.000164	70.07	31.37	Mkrm3
83	1426994_at	0.000171	2522.63	2086.1	Phlpp
84	1436842_at	0.000175	2686.43	1936.7	B230380D07Rik
85	1435511_at	0.000177	2272.27	1824.47	Syn2
86	1449023_a_at	0.000182	967.53	644.8	Ezh1
87	1435698_at	0.000185	1073.93	832.77	4921505C17Rik
88	1454609_x_at	0.000187	1164.13	646.97	6430527G18Rik
89	1457275_at	0.000187	807.53	485.37	Dmn
90	1456028_x_at	0.000188	6485.9	2927.6	Marcks
91	1460363_at	0.00019	878.7	715.63	Tnrc6c
92	1451075_s_at	0.000191	2871.27	1963.17	Ctdsp2
93	1429085_at	0.000193	1011.37	825.37	Vezf1
94	1457424_at	0.000193	487.23	372.8	Eya1
95	1434075_at	0.000201	4721.73	3612.97	BC030336
96	1434205_at	0.000204	2411.33	1608.77	Ppp2r5c

97	1435818_at	0.000206	522.83	352.63	---
98	1439263_at	0.000208	249.37	104.4	Fin15
99	1428505_at	0.000215	1018.43	834	2310015N07Rik
100	1428715_at	0.000216	1718.73	1294.97	2810423A18Rik
101	1434640_at	0.000219	1717.63	964.7	Gm123
102	1437559_at	0.000221	6170.03	4948.03	D13Bwg1146e
103	1424186_at	0.000224	1035.07	822.87	2610001E17Rik
104	1428113_at	0.000224	1514.53	1073.43	4930403J22Rik
105	1456107_x_at	0.000224	3728.1	3016.9	Eftud2
106	1416814_at	0.000226	1524	1109.07	Tia1
107	1429178_at	0.000233	3202.47	2356.3	Odz3
108	1421074_at	0.000236	931.17	566.47	Cyp7b1
109	1424333_at	0.000238	321.6	224.9	Rg9mtd1
110	1434982_at	0.000238	336.03	228.6	---
111	1435822_at	0.000238	884.63	538.93	D830012I24Rik
112	1454941_at	0.000244	2177.6	1374.7	Nmt1
113	1427680_a_at	0.000252	1709.93	1377.5	Nfib
114	1427526_at	0.000253	288.3	131.53	Fgfr1op2
115	1428369_s_at	0.000258	2972.17	1850.77	Arhgap21
116	1443931_at	0.000262	120.9	61.3	Zfp617
117	1456685_at	0.000262	734.7	483.97	Nsg2
118	1454846_at	0.000265	714.2	471.63	Utp15
119	1430526_a_at	0.000266	2895.4	2123.67	Smarca2
120	1433856_at	0.000266	440.53	282.57	AW555814
121	1418087_at	0.000267	1728.57	1379.8	Ufd1l
122	1455214_at	0.000268	278.37	206.33	Mitf
123	1416156_at	0.000269	1109.2	890.9	Vcl
124	1421323_a_at	0.000271	6988.53	5475.33	E430034L04Rik
125	1427075_s_at	0.000272	1719.93	1033.37	Pcmdt2
126	1448875_at	0.000272	2080.43	1308.7	Zhx1
127	1422798_at	0.000277	1155.6	1011.5	Cntnap2
128	1419246_s_at	0.00028	8917.27	7450.97	Rab14
129	1433596_at	0.000283	8039.33	7034.7	Dnajc6
130	1448493_at	0.000284	4141.43	3161.47	Paip2
131	1438658_a_at	0.000284	527.5	328.63	Edg3
132	1426628_at	0.000286	4861.97	3300.73	Tmem34
133	1434369_a_at	0.000288	1620.47	1124.67	Cryab
134	1434620_s_at	0.000289	1917.87	1296	2610024E20Rik
135	1440084_at	0.000289	637.5	431.33	---
136	1450724_at	0.000295	535.77	361.87	MGI:2149839
137	1448248_at	0.000297	4405.47	3884.3	Crk
138	1428629_at	0.000297	270.4	146.87	Zfp518
139	1421075_s_at	0.000302	615.7	388.6	Cyp7b1
140	1418942_at	0.000307	835.7	647.27	Ccdc2
141	1418018_at	0.000311	1112.33	846.17	Cpd
142	1427984_at	0.000311	314.53	162.77	Senp6
143	1423259_at	0.000314	2357.4	1660.63	Id4
144	1439189_at	0.000314	554.93	402.27	D630023B12Rik
145	1436350_at	0.000316	1974.7	1387.37	D430039N05Rik
146	1437380_x_at	0.000318	748.03	611.1	Pgd
147	1460577_at	0.000318	1270.07	839.8	Jmy
148	1423383_a_at	0.000322	1254.07	962	Osbpl9

149	1423201_at	0.000326	3515.83	2150.13	Ncor1
150	1428231_at	0.000329	2778.33	2016.87	Cpsf6
151	1435190_at	0.00033	5579.67	3864.87	Chl1
152	1452258_at	0.000334	495.73	364.17	Phf20
153	1434521_at	0.000336	1078.07	800.23	Rfxdc2
154	1453061_at	0.000336	896.47	694.47	2610018O07Rik
155	1418815_at	0.000337	5256.33	3337.2	Cdh2
156	1426961_at	0.000337	2198.2	1378.43	Phf20
157	1452241_at	0.000337	456.07	328.9	Topbp1
158	1435767_at	0.000343	2333.73	1801.27	Scn3b
159	1417051_at	0.000344	3162.13	1572.5	Pcdh8
160	1437765_at	0.000348	1307.2	925.97	---
161	1440215_at	0.000351	619.23	482.23	C130086A10
162	1427266_at	0.000353	978.17	649.87	2610016F04Rik
163	1448584_at	0.000356	738.1	516.23	Rsrc1
164	1417865_at	0.000359	1451.17	1041.73	Tnfaip1
165	1436452_x_at	0.000363	6429.87	5819.67	Tmed2
166	1451189_at	0.000363	934.8	679.37	Zswim1
167	1451190_a_at	0.000363	1337.97	819.17	Sbk1
168	1426682_at	0.000369	2506.2	1845.5	Cnot6
169	1439153_at	0.000369	1448.83	1076.73	lbrdc2
170	1448788_at	0.000371	2802.8	2343.23	Cd200
171	1415745_a_at	0.000373	986.47	743.53	Dscr3
172	1424020_at	0.000376	393.77	187.3	Arl6ip6
173	1434179_at	0.000378	1062.8	775.43	Mll3
174	1435694_at	0.000378	1789.07	1117.27	Arhgap26
175	1454704_at	0.000379	5478.57	4909.63	Scarb2
176	1442180_at	0.000379	445.9	284.73	Dleu7
177	1424586_at	0.000381	1627.33	1277.97	Ehbp1
178	1455537_at	0.000382	1503.67	956.4	6430547I21Rik
179	1441224_at	0.000386	1144.17	804.43	---
180	1427384_at	0.00039	733.13	574.23	Chd6
181	1457423_at	0.000391	2943.77	1984.73	A930012M17
182	1459838_s_at	0.000393	1062.9	798.47	Btbd11
183	1426301_at	0.000395	2686.5	1821	Alcam
184	1434558_at	0.000395	3605.2	2922.43	Wdr47
185	1420870_at	0.000402	768.53	493.97	Mllt10
186	1421840_at	0.000403	2014.43	1076.23	Abca1
187	1426815_s_at	0.000411	1090.7	902.03	AU024582
188	1417847_at	0.000416	2902.67	2271.97	Ulk2
189	1455377_at	0.000417	4785.7	4257.23	4921517B04Rik
190	1423747_a_at	0.000418	700.73	472.27	Pdk1
191	1457409_at	0.000418	4681.1	3009.6	Fut9
192	1415770_at	0.000419	3728.8	1822.8	Wdr6
193	1457072_at	0.000422	1273.1	738.83	Bcl11a
194	1455799_at	0.000424	3599.17	2256.67	Rorb
195	1449490_at	0.000425	496.4	334.43	Mbd4
196	1434864_at	0.000429	1723.77	1287.1	Nipa1
197	1419402_at	0.000431	84	64.4	Mns1
198	1433508_at	0.000435	1277.5	775.73	Copeb
199	1454901_at	0.000435	1253.23	1042.23	6430570G24
200	1416919_a_at	0.000439	219.13	149.03	Nphp1

201	1436153_a_at	0.000441	5113.33	3524	Zmynd11
202	1424891_a_at	0.000442	512.8	394.2	Zw10
203	1428915_at	0.000445	374.67	271.7	Sirt5
204	1429166_s_at	0.000445	660	316.8	Clmn
205	1450712_at	0.000446	2970.67	1851.37	Kcnj9
206	1448765_at	0.000447	1670.2	1299.37	Fyn
207	1429461_at	0.000447	809.03	566.9	2810417D08Rik
208	1437807_x_at	0.000449	1986.43	1256.7	Ctnna1
209	1416440_at	0.000453	2849.4	1764.4	Cd164
210	1452664_a_at	0.000453	1028.37	724.93	Tm7sf3
211	1421064_at	0.000454	558.1	392.73	Mpp5
212	1434645_at	0.000459	1161.03	737.97	C530008M17Rik
213	1439014_at	0.000466	1174.27	747.93	A430031N04
214	1426852_x_at	0.000468	5467.13	3603.03	Nov
215	1439024_at	0.000469	1650.13	1336.57	---
216	1419256_at	0.00047	4586.37	3403.37	Spnb2
217	1452733_at	0.000471	661.03	509.43	Pank2
218	1434881_s_at	0.000478	1331.3	836.17	Kctd12
219	1420827_a_at	0.00048	4131.7	2807.6	Ccng1
220	1455826_a_at	0.000482	2063.53	1266.37	Bace1
221	1437783_x_at	0.000483	2656.87	1918.87	Tmem4
222	1416041_at	0.000488	4271.8	2560.33	Sgk
223	1435805_at	0.000494	4012.2	3240.27	Lin7a
224	1449861_at	0.000501	437.87	341.83	Nek4
225	1439872_at	0.000501	2675	2146.03	---
226	1436948_a_at	0.000502	416.63	188.27	6430550H21Rik
227	1451222_at	0.000506	2167.5	1707.53	Btf3l4
228	1455389_s_at	0.000507	1777.1	1386.53	2310051F07Rik
229	1417010_at	0.000509	12201.13	10356.67	Zfp238
230	1434633_at	0.000513	1271.87	1012.93	Crebbp
231	1423958_a_at	0.000515	1928.1	1473.7	2900001O04Rik
232	1420494_x_at	0.000517	8316.8	5717.7	Ubc
233	1449089_at	0.000518	1822.13	1290.57	Nrip1
234	1417182_at	0.000522	1033.77	868.7	Dnaja2
235	1435050_at	0.000522	3514.83	2652.23	D10Bwg1379e
236	1428531_at	0.000523	1112.8	675.17	5930412E23Rik
237	1440759_at	0.000527	3334.27	2616.4	---
238	1431167_at	0.000529	1363.43	913.07	Dgkg
239	1415973_at	0.000534	5044.07	3626.77	Marcks
240	1437466_at	0.00054	2625.03	2098.13	Alcam
241	1436027_at	0.000543	545.97	431.17	Osbpl11
242	1449718_s_at	0.000547	128.77	86.93	4930453N24Rik
243	1450769_s_at	0.000547	176.6	115.8	Stard5
244	1436424_at	0.000547	502.37	348.4	1600020E01Rik
245	1439808_at	0.000549	5895.77	4588.03	A130090K04Rik
246	1422032_a_at	0.000553	4114.2	3464.77	Za20d3
247	1435964_a_at	0.000554	1490.63	992.4	---
248	1415794_a_at	0.000562	5052.57	4100.1	Spin
249	1455033_at	0.000565	1477.07	1007.63	B430201A12Rik
250	1456700_x_at	0.000567	6074.53	4132.47	Marcks
251	1416429_a_at	0.000568	901.03	615.73	Cat
252	1455169_at	0.000568	2603.5	1798.87	---

253	1416329_at	0.000571	1711.87	1244.27	Cyfp1
254	1436883_at	0.000582	1229.57	889.3	Mbtps2
255	1452898_at	0.000587	721.97	570.17	Vps36
256	1418039_at	0.000588	603.13	471.57	Rabl3
257	1437236_a_at	0.000588	263.53	160.2	Zfp110
258	1433864_at	0.000588	1618.23	1212	Lrp12
259	1420630_at	0.000589	4046.4	3378.07	8430419L09Rik
260	1434641_x_at	0.00059	6782.6	5201.03	Sez6l2
261	1448224_at	0.00059	1120.23	860.47	Tfam
262	1449527_at	0.000591	416.07	254.43	Pcdhb7
263	1433702_at	0.000593	1633.5	1118.17	D19Wsu12e
264	1454805_at	0.000595	1601.4	1310.67	Wtap
265	1459659_at	0.000595	158.03	73.73	Zfp131
266	1443847_x_at	0.000596	615.6	454.6	---
267	1455460_at	0.000598	1458.07	902.73	---
268	1416007_at	0.000603	5201.27	4010.73	Satb1
269	1455388_at	0.000605	2498.3	1748.17	A030012M09Rik
270	1455696_a_at	0.000605	875.87	609	Prpf4b
271	1438353_at	0.00061	242.73	150.5	---
272	1417129_a_at	0.000621	1285.13	900.67	Mrg1
273	1452996_a_at	0.000624	252.6	186.27	Aven
274	1455297_at	0.000626	509.43	326.77	Spin2
275	1437992_x_at	0.000634	8659.43	7112.9	Gja1
276	1449094_at	0.000641	417.37	265.2	Gja7
277	1455346_at	0.000642	550.27	329.7	Masp1
278	1453006_at	0.000642	320.07	185.27	2610306H15Rik
279	1456349_x_at	0.000643	2947.2	1954.73	Sumo1
280	1438969_x_at	0.000644	2250.2	1722.57	Dhx30
281	1418318_at	0.000649	656.93	536.2	Rnf128
282	1451989_a_at	0.000652	15014.47	9632.9	Mapre2
283	1439950_at	0.000652	164.5	99.73	Dnchc1
284	1450123_at	0.000655	2307.17	1647.27	Ryr2
285	1444517_at	0.000655	707	424.6	Gm872
286	1423374_at	0.000656	1537.53	1246.63	Ncoa6
287	1426799_at	0.000662	2219.83	1395.2	Rab8b
288	1455445_at	0.000664	52.87	14.13	Cbln3
289	1428414_at	0.000665	105.8	49.7	5730405I09Rik
290	1423686_a_at	0.000671	1362.57	1161.97	1110020C13Rik
291	1438255_at	0.000673	701.97	515.87	Ches1
292	1439244_a_at	0.000675	1371.17	1024.1	Tnrc6a
293	1436426_at	0.000676	541.1	331.13	5730509K17Rik
294	1456119_at	0.000678	1462.57	1056.47	Grm5
295	1419420_at	0.000679	1350.17	1192.93	St6galnac5
296	1434172_at	0.000681	4652.93	3088.37	---
297	1439616_at	0.000682	407.3	251.13	---
298	1453309_at	0.000682	138.27	92.43	9330179D12Rik
299	1423682_a_at	0.000683	335.47	244.13	Cdca4
300	1448939_at	0.000683	679.9	366.63	Usp25
301	1427185_at	0.000688	3165.57	2504.6	Mef2a
302	1437594_x_at	0.00069	80.7	47.27	Pigt
303	1438320_s_at	0.000694	541.17	414.37	Mcm7
304	1436596_at	0.000701	669.77	495.37	H2afv

305	1428853_at	0.000705	1222.03	921.2	Ptch1
306	1426884_at	0.000706	3588.17	2819.87	1110007A06Rik
307	1434674_at	0.00071	1146.17	780.9	Lyst
308	1434384_at	0.00072	2133.5	1490.33	Nrip1
309	1455398_at	0.000726	1023.93	767.97	Lrrc8c
310	1424463_at	0.000729	3857.3	3232.53	2210010L05Rik
311	1422497_at	0.000731	1785.73	1355.73	Slc30a5
312	1419668_at	0.000733	1643.2	1141.97	Sgcb
313	1417848_at	0.00074	1573.93	1222.07	MGI:2180715
314	1418594_a_at	0.000743	3418.43	2614.67	Ncoa1
315	1449244_at	0.000744	1547.13	1176.6	Cdh2
316	1433634_at	0.000744	2354.83	1478.47	Irf2bp2
317	1428622_at	0.000755	892.27	439.5	Depdc6
318	1425484_at	0.000758	667.33	320.07	Tox
319	1427432_a_at	0.000758	2844.97	2130.33	Sfrs10
320	1452616_s_at	0.00076	1019.17	739.3	Ssbp1
321	1418083_at	0.000763	1669.47	1323.57	0610009B22Rik
322	1417846_at	0.000765	1475.97	1239.3	Ulk2
323	1455647_at	0.000768	846.33	732.73	Ar
324	1452251_at	0.000772	6721.57	5207.43	Nbea
325	1437476_at	0.000777	710	488.4	Rrm2b
326	1419249_at	0.000778	4577.93	3958.23	Pftk1
327	1437593_x_at	0.000782	5492.1	3747.5	Api5
328	1451611_at	0.000789	460.4	296.97	Hrasls3
329	1417323_at	0.000791	732.53	479.87	Psrc1
330	1436859_at	0.000792	1146.83	693.2	2700007P21Rik
331	1436522_at	0.000795	244.07	179.73	0610025L06Rik
332	1428517_at	0.000796	3393.63	2470.77	Wdfy3
333	1425274_at	0.000797	488.57	384.53	Asph
334	1456108_x_at	0.000797	2230.87	1191.47	Zfp179
335	1434132_at	0.0008	1751.13	1408.9	E430025E21Rik
336	1460292_a_at	0.000801	765.27	588.8	Smarca1
337	1416008_at	0.000803	3173	2455.6	Satb1
338	1422880_at	0.000818	1767.33	1360.13	Sypl
339	1450021_at	0.000819	9386	7179.07	Ubqln2
340	1435030_at	0.000823	1646.6	1125.83	Upf2
341	1441054_at	0.000829	244.5	151.67	Apol2
342	1426992_at	0.000834	3046.93	2516.2	Xpr1
343	1452353_at	0.000834	1146.37	839.03	Gpr155
344	1451221_at	0.000838	939.47	711.6	BC018507
345	1417355_at	0.000839	5200.53	3503.2	Peg3
346	1450732_a_at	0.000839	1787.97	1188.33	Bicd2
347	1438572_at	0.000839	406.2	295.8	Csmd3
348	1451074_at	0.000849	3046.33	2353.1	Rnf13
349	1455362_at	0.000851	388.57	248.97	Angel2
350	1428167_a_at	0.000856	461.03	190.77	Mpzl1
351	1417825_at	0.00086	2898	2480.73	Esd
352	1457733_at	0.00086	1162.77	678.77	---
353	1423462_at	0.000863	2042.33	1401.17	Map3k7ip2
354	1419047_at	0.000866	859.97	727.03	Pcnx
355	1452265_at	0.000868	3206.3	2321.17	Clasp1
356	1435801_at	0.000872	1285.1	1025.37	Fcmd

357	1425682_a_at	0.000876	1505.17	1007.03	1810034M08Rik
358	1430295_at	0.000876	357.47	289.47	Gna13
359	1423645_a_at	0.00088	9666	7929.1	Ddx5
360	1454752_at	0.000886	849.57	566.4	Al606861
361	1418693_at	0.00089	2303.23	1847.5	Hnrpc LOC329893
362	1455294_at	0.000892	464.53	345.17	1110029L17Rik
363	AFFX-PyruCarb	0.000894	856.87	677.9	Pcx
364	1456174_x_at	0.000895	1049.53	750.87	Ndrgr1
365	1434335_at	0.000898	2532.27	2202.97	Al317237
366	1457480_at	0.000901	184.6	162.07	Rnf3
367	1439870_at	0.000909	347.33	168.87	A330008L17Rik
368	1425241_a_at	0.000912	1211.23	768.37	Wsb1
369	1428334_at	0.000913	2220.9	1844	Ostm1
370	1415948_at	0.000914	806	576	Creg1
371	1456614_at	0.000916	703.9	472.13	Acn9
372	1423740_a_at	0.000918	1708.23	1183.53	Rbm10
373	1417377_at	0.00092	3867.1	3034.73	Igsf4a
374	1415708_at	0.000921	2323.57	1843.07	Al316828
375	1433544_at	0.000921	1858.23	1404.33	Als2cr2
376	1422052_at	0.000923	1311.67	896.5	Cdh8
377	1436051_at	0.000923	5275.03	4415.23	9630007J19Rik
378	1417674_s_at	0.000926	1479.3	1211.03	Golga4
379	1436920_at	0.000936	689.87	338.3	Pcdh17
380	1417384_at	0.000938	362.63	264.6	Entpd5
381	1455342_at	0.000938	2264	1779.8	A230083H22Rik
382	1418664_at	0.000939	812.6	582.4	Mpdz
383	1417765_a_at	0.00094	376.03	226.97	Amy1
384	1458351_s_at	0.000949	1617.83	1164.87	Klhl2
385	1451804_a_at	0.000958	647.63	498.43	Lrrc16
386	1440803_x_at	0.00096	278.63	157.87	Tacr3
387	1455150_at	0.000961	704.2	429.9	---
388	1424680_at	0.000966	173.8	105.6	BB146404
389	1425914_a_at	0.000967	2241.33	1771.8	Armcx1
390	1452740_at	0.000969	5611.6	4838.67	Myh10
391	1444690_at	0.00097	1576.57	1140.6	Epha5
392	1455014_at	0.000971	2728.23	2038.23	AV009015
393	1438988_x_at	0.000974	1169.93	790.2	Hn1
394	1449583_at	0.000976	618.33	454.43	Pcdhb20
395	1429146_at	0.000977	1613.63	1026.33	6620401M08Rik
396	1437521_s_at	0.000989	2272.53	1447.27	E230022H04Rik
397	1434187_at	0.000997	1033.9	755.73	Al849156
398	1435016_at	0.000998	2766.07	2433.23	Als2cr3
399	1445679_at	0.000998	3181.17	2433.87	---
400	1423200_at	0.000999	2497.03	2006.97	Ncor1
401	1454617_at	0.000999	946.9	540.7	Arrdc3
402	1416967_at	0.001003	1904.93	1214.57	Sox2
403	1455340_at	0.001006	2773.97	2303.3	3010003L21Rik
404	1428080_at	0.001007	1961.1	1698.63	2610528A17Rik
405	1441259_s_at	0.001007	1097.57	647.63	Wdr10
406	1458114_at	0.001007	458.17	346.93	Samd12
407	1438505_s_at	0.001009	2756.67	1898.1	Rnasen
408	1443855_at	0.001011	1562.63	1168.97	Kcnc1



409	1455161_at	0.001016	1935.03	1390.83	Al504432
410	1455757_at	0.001018	1946.13	1508.17	LOC241944
411	1423328_at	0.001029	4434	3456.9	Gdap1
412	1429210_at	0.001034	145.83	94.57	Col23a1
413	1438462_x_at	0.001035	445.37	341.23	---
414	1426698_a_at	0.001036	984.23	673.63	Hnrpm
415	1452089_at	0.001039	2206.2	1721.6	Cacnb4
416	1424872_at	0.001042	787.77	597.87	2310001H12Rik
417	1437455_a_at	0.001042	1919.67	1018.53	Btg1
418	1418883_a_at	0.001045	5532.17	5128.2	Pabpc1
419	1419872_at	0.001049	4216.33	3278.23	Csf1r
420	1450771_at	0.001053	932.83	486.57	Fut9
421	1420872_at	0.001056	8381.1	7082.1	Gucy1b3
422	1439732_at	0.001059	865.87	579.8	---
423	1449351_s_at	0.001065	264.9	171.2	Pdgfc
424	1418430_at	0.001072	4266.4	2946.67	Kif5b
425	1451317_at	0.001078	1705.13	1360.27	Ythdf2
426	1456509_at	0.001081	1002.83	563.2	1110032F04Rik
427	1451736_a_at	0.001086	2605	1965.77	Map2k7
428	1454834_at	0.001086	1795.87	1476.3	Nfib
429	1422725_at	0.001093	180.37	96.63	Mak
430	1460509_at	0.001094	741.87	422.97	B3galt1
431	1423591_at	0.001097	4115.43	2954.93	Fgfr1op2
432	1435138_at	0.001112	2652.57	2191.4	Tmem28
433	1428287_at	0.001121	816.6	622	Cul5
434	1428236_at	0.001127	3099.3	2108.87	Acbd5
435	1456633_at	0.001131	662.57	487.87	Trpm3
436	1455437_at	0.001135	2415	1683.37	BC033915
437	1449628_s_at	0.001139	3777.83	3316.67	Stard7
438	1419165_at	0.00114	2369.27	1469.93	Zfp260
439	1417221_at	0.001141	327.73	235.9	Ppm1a
440	1456056_a_at	0.001143	3377.07	2678	D6Wsu116e
441	1429201_at	0.001146	1473.6	991.27	Cyld
442	1453162_at	0.001148	265	165.63	Utp11l
443	1435048_at	0.001153	459.4	343.43	Al854703
444	1454806_at	0.001154	3341.83	2494.83	D12Ertd553e
445	1454952_s_at	0.001158	583.37	475.1	B130055D15Rik
446	1423899_at	0.001161	995.33	777.03	Trip12
447	1438838_at	0.001161	613.6	296.53	B230206F22Rik
448	1450738_at	0.001166	2793.9	2250.13	Kif21a
449	1450664_at	0.001169	627.57	454.73	Gabpa
450	1434724_at	0.001169	1295.83	981.67	Usp31
451	1448299_at	0.001172	2841.8	2340.77	Slc1a1
452	1418822_a_at	0.001182	2377.07	1965.8	Arf6
453	1422748_at	0.001182	1330.97	783.5	Zfhx1b
454	1418271_at	0.001185	6780.37	4601.27	Bhlhb5
455	1455434_a_at	0.00119	2114.3	1454.9	Ktn1
456	1426412_at	0.001209	1326.3	747.63	Neurod1
457	1459897_a_at	0.00121	872.93	535.57	MGI:2446326
458	1454824_s_at	0.001211	710.37	416.27	Mtus1
459	1423711_at	0.001218	978.23	780.23	Ndufaf1
460	1441165_s_at	0.001225	4199.6	3381.37	Clstn2

461	1429000_at	0.001226	862.07	568.27	Phf3
462	1438430_at	0.001234	736.57	605.9	Hbp1
463	1451310_a_at	0.001235	5602.67	4589.7	Ctsl
464	1447825_x_at	0.001239	4445.2	2283.03	Pcdh8
465	1455272_at	0.001251	3759.9	2671.3	Grm5
466	1428388_at	0.001254	4269.3	3098.43	Tnks2
467	1435464_at	0.001254	2054.23	1618.13	1110003E01Rik
468	1436200_at	0.001265	688.27	463.23	Lonrf3
469	1450102_a_at	0.001269	3276.93	2641.3	Amfr
470	1422697_s_at	0.001274	866.83	699.9	Jarid2
471	1454809_at	0.001279	2279.53	1664.47	Ncoa7
472	1427127_x_at	0.001281	475.9	222.93	Hspa1b
473	1456069_at	0.001281	1626.57	968.6	Dtna
474	1416221_at	0.001282	840.27	575.8	Fstl1
475	1433951_at	0.001285	3779.07	2845.93	Arl5
476	1450071_at	0.001286	1594.83	1237.87	Ash1l
477	1452065_at	0.001288	3397.07	1886.7	BC027127
478	1438412_at	0.001288	549.2	456.2	Phf17
479	1436982_at	0.001297	1517.67	1190.1	Tnrc6b
480	1440346_at	0.001305	406.07	255.63	Jmjd3
481	1452654_at	0.001306	2027.83	1340.43	Zdhhc2
482	1438292_x_at	0.001316	4949.23	3507.13	Adk
483	1447693_s_at	0.001319	2237.23	1651.5	Neo1
484	1460588_at	0.001329	494.17	270.8	---
485	1421786_at	0.001333	496.17	304.2	Ppp3r1
486	1435618_at	0.001334	1774.33	1387.9	Pnma2
487	1415800_at	0.001337	6532.17	5297.9	Gja1
488	1428656_at	0.00134	1471.9	1175.23	Rnasen
489	1426743_at	0.001342	2073.4	1757.17	MGI:2384914
490	1428474_at	0.001345	447.83	244	Ppp3cb
491	1423310_at	0.001346	456.43	284.9	Tpbp
492	1436420_a_at	0.001347	1505.5	1260.93	Ipo4
493	1451077_at	0.001354	1398.6	950.33	Rpl5
494	1434468_at	0.001361	1183.43	877.73	Otud4
495	1426366_at	0.001362	1166.3	964.73	Eif2c2
496	1456557_at	0.001365	180.1	165.33	1700041C02Rik
497	1437533_at	0.001366	3845.6	2850.77	Birc4
498	1434113_a_at	0.001367	854.53	608.87	Rexo4
499	1424591_at	0.001368	473.1	229.3	5830433M19Rik
500	1428138_s_at	0.001373	5264.33	4647.67	Arl10c
501	1452049_at	0.001378	768.67	604.1	Rpl7l1
502	1454687_at	0.001387	1945.33	1533.67	Lrfn5
503	1433908_a_at	0.001388	5017.37	3822.9	Cttn
504	1428219_at	0.001389	2801.57	2098	Rybp
505	1426760_at	0.001398	1054.27	798	Ipo8
506	1416131_s_at	0.0014	2132.87	1344.77	C920006C10Rik
507	1453125_at	0.001402	657.9	312.5	Sox11
508	1435233_at	0.001403	2334.27	1870.43	Ncoa2
509	1436317_at	0.001407	744.27	526.47	D230012E17Rik
510	1459765_s_at	0.001413	10340.4	8324.73	Zfp162
511	1452773_at	0.001416	3350.47	2489.5	5730494N06Rik
512	1429022_at	0.001421	1530.63	1210.77	Adcyap1r1

513	1428877_at	0.001426	1421.5	1012.83	Srp72
514	1426983_at	0.001433	882.6	655.97	Fnbp1
515	1419181_at	0.001435	1021.73	727.67	Zfp326
516	1429145_at	0.001436	417.03	308.03	Nhlrc2
517	1435308_at	0.001439	5092.03	3203.83	Fut9
518	1439011_at	0.001442	297.53	131.63	---
519	1452718_at	0.001443	3219.9	2681.67	Edd1
520	1433867_at	0.001446	408.93	222.03	1810030O07Rik
521	1417196_s_at	0.001447	613.33	317.33	D8ErtD594e
522	1427448_at	0.001447	1010.03	837.47	Rabep1
523	1456112_at	0.001449	1761.67	907.03	Tpr
524	1419653_a_at	0.001452	7478.83	6611.97	Ddx5
525	1442077_at	0.001452	268.57	158.83	2310076G05Rik
526	1435337_at	0.001457	1703.53	1224.87	Zfp537
527	1424588_at	0.001466	4086.93	3059.53	Srgap3
528	1427640_a_at	0.001472	726.83	467.97	Cbfa2t1h
529	1448376_at	0.001473	1127.03	1011.4	Wrnip1
530	1435203_at	0.001473	1970.3	1539.97	Man2a2
531	1439107_a_at	0.001477	1879.03	1125.7	Mll5
532	1432103_a_at	0.001479	1782.1	1545.33	Sh3gl3
533	1434648_a_at	0.00149	2198.3	1426.8	Ccm2
534	1428884_at	0.001494	1283.97	1118.47	Tmem57
535	1433925_at	0.001502	3855.4	2482.57	Dncllc2
536	1433570_s_at	0.001503	917	704.33	Mak10
537	1433488_x_at	0.001505	2402.8	1755.5	Gns
538	1419645_at	0.001507	2775.73	2053.9	Cstf2
539	1455923_at	0.00151	311.77	154.83	Kctd8
540	1423278_at	0.001511	1188.9	854.57	Ptprk
541	1437675_at	0.001519	1827.17	1311.4	Slc8a1
542	1427060_at	0.001521	3776.9	2433.43	Mapk3
543	1452737_at	0.001528	2665.27	1681.4	2810008M24Rik
544	1454670_at	0.001536	1814.23	1534.7	Rere
545	1438976_x_at	0.001539	1067.1	617.37	Mat2a
546	1450937_at	0.001549	2301.2	1682.7	Lin7c
547	1437001_at	0.001549	4501.2	3998.53	Gsk3b
548	1425580_a_at	0.001551	1236.1	831	Pik3c3
549	1433858_at	0.001551	696.1	599.8	Lrrc28
550	1438610_a_at	0.001552	487.2	330.63	Cryz
551	1424594_at	0.001559	1237.93	912.47	---
552	1435437_at	0.001559	4488.1	3644.87	MGI:1920501
553	1427274_at	0.001561	1084.37	623.57	D130054N24Rik
554	1419639_at	0.001566	1986.9	1177.43	Efnb2
555	1426377_at	0.001575	1006.87	706.53	Zfp281
556	1427371_at	0.001577	128.53	88.6	Abca8a
557	1452792_at	0.00158	1324.13	939.77	Dzip1
558	1439527_at	0.00158	2188.83	1308.3	BB114106
559	1456761_at	0.00158	178.6	112.57	D630030B22Rik
560	1428552_at	0.001581	1841.53	1170.23	2610001J05Rik
561	1424738_at	0.001582	988.3	842.53	4932432K03Rik
562	1438451_at	0.001582	5672.37	4663.97	MGI:2450166
563	1434427_a_at	0.00159	3249.47	2429.93	Rnf157
564	1429081_at	0.001621	3121.17	2176.9	2600014C01Rik

565	1437937_at	0.001623	392.4	236.2	Ccbp2
566	1429017_at	0.001629	511.2	391.97	Smcr8
567	1428982_at	0.00163	675.4	517.87	D530031C13Rik
568	1434760_at	0.00163	782.97	588.47	Lrrtm3
569	1423033_at	0.001631	298.47	176.13	Itm1
570	1427032_at	0.001634	1332.13	1053.83	Herc4
571	1423350_at	0.001635	2977.87	1625.73	Socs5
572	1452870_at	0.001637	376.77	183.33	Apaf1
573	1455825_s_at	0.001641	1497.17	1190.23	Lnx1
574	1457990_at	0.001649	1276.63	884.33	C030032C09Rik
575	1455009_at	0.001652	755.77	504.3	Cpd
576	1455316_x_at	0.001652	7951.13	7264.07	Ccrn4l
577	1443836_x_at	0.001657	1662.3	695.3	Wdr48
578	1429861_at	0.001658	3252.1	2623.7	Pcdh9
579	1433623_at	0.001662	1077.87	696.23	Zfp367
580	1439884_at	0.001666	411.27	290.4	Nudt16
581	1421292_a_at	0.00167	1320.77	1112.97	A730008L03Rik
582	1428252_at	0.001673	1943.63	1364.27	Chmp2b
583	1460555_at	0.001674	1862.57	1242.97	6330500D04Rik
584	1415947_at	0.001686	990.27	811.03	Creg1
585	1452368_at	0.001687	1046.77	813.77	Bcr
586	1434728_at	0.001693	4309.47	3425.3	---
587	1428760_at	0.001694	1785.53	1365.97	Snopc3
588	1426083_a_at	0.001695	2457.03	1481.07	Btg1
589	1455928_x_at	0.001708	3390.07	2354.1	Lztr1
590	1451475_at	0.00171	1433.93	1138.27	Plxnd1
591	1448884_at	0.001712	849.97	726.07	Gtf2e2
592	1428561_at	0.001716	2858.83	2507.83	2610002J23Rik
593	1448958_at	0.001717	616.53	380.73	MGI:1929890
594	1454652_at	0.001717	4634.73	4090.13	Zfp265
595	1418330_at	0.00172	1594.87	1199.97	Ctcf
596	1458842_at	0.001723	759.4	581.2	---
597	1415981_at	0.001726	2153.83	1535.87	5031400M07Rik
598	1439012_a_at	0.001728	1673.8	1149.17	Dck
599	1434493_at	0.001733	449.5	268.67	1810022K09Rik
600	1448343_a_at	0.001739	4092.3	3251.63	Nbr1
601	1455267_at	0.00174	919.93	640.63	Esrrg
602	1427150_at	0.001751	602.43	454.67	Mll3
603	1439271_x_at	0.001755	2925.73	2103	Ik
604	1436771_x_at	0.001756	846.33	661.13	Pgd
605	1455706_at	0.001757	353.93	102.5	Stxbp4
606	1450642_at	0.001762	3566.37	2199.77	3110001I20Rik
607	1447448_s_at	0.001763	665.33	418.93	---
608	1456226_x_at	0.001764	3507.77	1562.57	Ddr1
609	1437027_x_at	0.001769	5405.43	4753	Rnps1
610	1417707_at	0.001774	933.2	657.83	B230342M21Rik
611	1445703_at	0.001776	397.33	172.5	A1848149
612	1452224_at	0.001788	425.37	283.03	Morc3
613	1450435_at	0.001791	3244	2472.77	L1cam
614	1423144_at	0.001794	576.9	488.77	Pik3ca
615	1434450_s_at	0.001794	2614.93	2064.27	---
616	1437878_s_at	0.001797	3087.13	1852.93	D3Erttd789e

617	1436570_at	0.001798	1019.47	797.8	---
618	1434497_at	0.001799	1599.57	1107.33	---
619	1455584_at	0.001804	2714.8	1605.57	Sdf4
620	1423084_at	0.001806	468.67	264.47	B3galt2
621	1433575_at	0.001811	4109.1	2953	Sox4
622	1441214_at	0.001812	1656.67	1006.23	Exph5
623	1437115_at	0.001815	630.6	513.17	AA673488
624	1435176_a_at	0.001817	5355.13	4104.03	Id2
625	1439630_x_at	0.001821	806.47	532.83	MGI:2446326
626	1436821_at	0.001823	1432.03	1014.2	Plcx3
627	1417695_a_at	0.001824	243.53	163.87	Soat1
628	1429918_at	0.001825	1581.27	1243.57	Arhgap20
629	1432538_a_at	0.001829	215.8	163.03	Rfc3
630	1426457_at	0.001838	3526.33	2714.73	Slmap
631	1427456_at	0.001841	1041.73	870.07	Wdfy3
632	1459104_at	0.001846	93.03	32.93	Bub3
633	1438039_at	0.001849	1266.5	905.07	Hectd1
634	1433832_at	0.00185	1042.93	622.53	Unc84b
635	1416474_at	0.001857	1122.97	648.83	Nope
636	1436156_at	0.001861	1169.43	847.5	Ccar1
637	1437687_x_at	0.001872	1289.23	804.93	Fkbp9
638	1425067_at	0.001875	472.1	431.87	Celsr3
639	1433978_at	0.001879	421.57	307.57	4930430F08Rik
640	1448246_at	0.00188	659.8	539.37	Hdac1
641	1454631_at	0.001882	1100.03	755.5	6330549H03Rik
642	1435984_at	0.001883	192.63	121.73	1110033F14Rik
643	1449303_at	0.001884	2400.9	1806.87	Sesn3
644	1415920_at	0.001888	5131.33	3898.27	Cstf2t
645	1457034_at	0.00189	668.37	545.4	D14Abb1e
646	1427269_at	0.001891	854.43	676.9	Sfrs11
647	1449579_at	0.001891	564.97	378.57	Sh3yl1
648	1426489_s_at	0.001892	1077.13	869.73	Bfar
649	1452158_at	0.001903	860.27	497.5	Eprs
650	1436921_at	0.001908	286.33	173.13	Atp7a
651	1458440_at	0.001912	611.9	492.67	Specc1
652	1451240_a_at	0.001915	3077.67	2042.9	Glo1
653	1438306_at	0.001918	890.77	480.8	Rnf180
654	1454926_at	0.001922	5018	3622.83	4930544G21Rik
655	1435781_at	0.001923	1068.93	848.97	Cand1
656	1453067_at	0.001927	119	67.73	2610040C18Rik
657	1429476_s_at	0.001931	7922.8	7008.4	Dnaja2
658	1437225_x_at	0.001932	141.77	86.5	Gnai3
659	1452608_at	0.001947	185.4	94.37	Mycbp
660	1437152_at	0.001949	1054.03	586.2	Rkhd3
661	1436226_at	0.001957	3058.73	2373.6	Tceb1
662	1435267_at	0.001958	1536.8	1196.4	A430108E01Rik
663	1438236_at	0.00196	509.13	328.33	Nfia
664	1433986_at	0.001965	10852.23	9559.43	BC024659
665	1418245_a_at	0.001967	2421.27	1842.97	Rbm9
666	1460601_at	0.001969	2205.5	1674.27	Myrip
667	1435167_at	0.001976	763.67	586.3	Ranbp6
668	1436483_at	0.001982	4585.03	2851.43	Myt1l

669	1438641_x_at	0.001982	2670.93	1800.5	1500016O10Rik
670	1448653_at	0.001986	824.17	626.53	Eed
671	1457059_at	0.001987	223.97	134.83	B830013J05Rik
672	1455222_a_at	0.001995	1911.6	1267.9	Ubp1
673	1423902_s_at	0.002002	3251.47	2674.17	Arhgef12
674	1448780_at	0.002002	712.03	482.57	Slc12a2
675	1430037_at	0.002022	992.57	769.13	Snx27
676	1438258_at	0.002023	1662.97	1148.97	Vldlr
677	1435174_at	0.002024	1038.17	686.23	Rsb1
678	1426976_at	0.002025	2259.6	2002.7	Usp47
679	1423275_at	0.002033	865.47	653.77	Ddx26
680	1427882_at	0.002033	317.17	261.67	4930588M11Rik
681	1445723_at	0.002034	225.23	168.87	Akr1b3
682	1433738_at	0.002039	1642.17	1254.27	5730445M16Rik
683	1437002_at	0.002041	1069.57	834.2	C030011O14Rik
684	1426685_a_at	0.002043	1648.97	1131.93	Cnot6
685	1428099_a_at	0.002043	3174.2	2320.63	Sfrs1
686	1420376_a_at	0.002047	4510.33	3519.23	H3f3b
687	1426877_a_at	0.002049	1716.13	1041.4	2610016F04Rik
688	1457218_at	0.002052	3003.53	2377.6	6430510M02Rik
689	1447522_s_at	0.002064	6150.57	3992.77	Tnks2
690	1424824_at	0.002069	1233.07	710.9	9630044O09Rik
691	1438098_at	0.002075	271.73	198.43	Dlgap1
692	1449446_at	0.002077	332.63	274.17	D10Ert718e
693	1435207_at	0.002081	2169.03	1403.67	Dixdc1
694	1455046_a_at	0.002082	1119.23	736.13	Pogz
695	1438628_x_at	0.002083	1172.33	594.93	Cntn3
696	1424674_at	0.002084	1863.23	1229.6	Slc39a6
697	1433490_s_at	0.00209	1880.73	1496.8	Epb4.1l2
698	1455052_a_at	0.002101	5143.1	4056.33	2410129H14Rik
699	1417665_a_at	0.002104	1151.8	939.07	Cpsf1
700	1437576_at	0.002105	216.3	152.43	2810427A07Rik
701	1453070_at	0.002105	522	368.93	Pcdh17
702	1443904_at	0.002107	441.83	282.43	Fads6
703	1435930_at	0.002111	1242.97	1071.63	Zfp291
704	1453593_at	0.002113	125.63	56.97	1700110N18Rik
705	1434735_at	0.002116	3053.77	1897.9	Hlf
706	1451202_at	0.002117	1619.53	1234.17	C330007P06Rik
707	1448849_at	0.002121	895.23	737.87	Mrpl40
708	1438029_at	0.002127	678.97	496.97	4930535B03Rik
709	1450053_at	0.002128	2630.43	2538.23	Kif2a
710	1433852_at	0.002128	3084.53	2885.5	C330002I19Rik
711	1443849_x_at	0.002135	1854.57	1497.07	Urod
712	1435486_at	0.002137	3195.27	2394.07	Pak3
713	1438709_at	0.002138	101.77	60.6	D11Ert498e
714	1434108_at	0.00214	2343.67	1652.2	Fbxo11
715	1455156_at	0.002144	799.27	550.07	Strn
716	1430999_a_at	0.002154	2415.33	1910.83	Scoc
717	1442994_at	0.002154	468.23	260.27	---
718	1453078_at	0.002157	1240.2	894	8430408J07Rik
719	1455334_at	0.00216	544.03	398.83	C85843
720	1426604_at	0.002164	245.5	172.43	Rnasel

721	1452053_a_at	0.002164	1761.73	1288.57	Tmem33
722	1455141_at	0.002164	948.57	568.4	Tnrc6a
723	1435487_at	0.002172	370.73	288.83	Grid2
724	1443327_at	0.002178	1135.47	877.07	D130043K22Rik
725	1447053_x_at	0.002203	3497.37	2205.6	Ssr3
726	1452952_at	0.002205	4040.1	2927.6	9030418K01Rik
727	1448933_at	0.002217	777.47	573.2	Pcdhb17
728	1436301_at	0.002231	611.37	451.9	Ripk5
729	1428779_at	0.002235	1139.97	739.13	Zbtb41
730	1438231_at	0.002235	360.5	237.23	Foxp2
731	1438371_x_at	0.002243	5159	4037.03	Ddx5
732	1458528_at	0.002244	394.3	255.53	C330002I19Rik
733	1426413_at	0.002247	764.5	406.77	Neurod1
734	1436624_at	0.002253	4011.57	3269.67	Dnm3
735	1416422_a_at	0.002255	1155.7	700.23	Ssb
736	1427965_at	0.002264	2462.5	1218.2	Ssbp1
737	1424677_at	0.002273	464.17	353.57	Cyp2j9
738	1434250_at	0.002273	152.7	123.2	Pak2
739	1454701_at	0.002273	88.1	60.77	4930503L19Rik
740	1421750_a_at	0.002275	4080.17	2908.57	Vbp1
741	1457731_at	0.002279	253.9	165.87	Snappc3
742	1425194_a_at	0.002283	2521.77	1912.6	6330577E15Rik
743	1457246_at	0.002283	1058.73	669.87	Rai16
744	1450744_at	0.002288	1925.13	1298.4	Eil2
745	1424642_at	0.002304	826.93	655.57	Thoc1
746	1455165_at	0.002304	1593.97	1220.6	Rora
747	1437179_at	0.002306	599.17	496	Rif1
748	1433571_at	0.002313	953.67	613.23	Serinc5
749	1456293_s_at	0.002318	2822.9	1884.77	Ccnh
750	1433795_at	0.002322	469.57	247.6	Tgfbr3
751	1455507_s_at	0.002323	1255.97	800.63	D8Ert587e
752	1434509_at	0.002325	1110.37	793.33	Rapgef6
753	1427991_s_at	0.002326	2400.2	1630.67	Usp45
754	1448708_at	0.002333	925	625.73	Pparbp
755	1454973_at	0.002333	1149.63	817.9	Atf7ip
756	1415841_at	0.002335	2796.67	2237.73	Dncic2
757	1430530_s_at	0.002337	214.83	149.93	1110025F24Rik
758	1436839_at	0.002355	832.13	504.93	---
759	1456005_a_at	0.002355	457.9	280.4	Bcl2l11
760	1452675_at	0.002367	725.8	584.43	Rbm22
761	1455249_at	0.002379	1611.4	1277.9	Slc36a4
762	1459885_s_at	0.002384	139.2	65.87	Cox7c
763	1418029_at	0.002385	1109.07	870.7	Faim
764	1448434_at	0.002385	1946.33	1490.33	Rnf103
765	1450973_s_at	0.002385	921.73	663.33	Mapkbp1
766	1433593_at	0.002386	1629.77	1267.43	Ypel5
767	1452107_s_at	0.002397	1546.67	1000.07	Npnt
768	1427270_a_at	0.002399	1367	882.27	Bsdc1
769	1422703_at	0.002407	449.37	259.47	Gyk
770	1428463_a_at	0.002408	2726.2	1904.07	Ppp2r5e
771	1452781_a_at	0.002416	746.33	569.73	Gtf3c2
772	1437375_at	0.002429	1868.57	1105.33	Rfx3

773	1456351_at	0.002429	387.2	259.4	Brd8
774	1428103_at	0.00243	2832.27	1854.1	---
775	1438941_x_at	0.002433	1268.5	939.93	Ampd2
776	1437252_at	0.002437	829	656.8	Gats
777	1417424_at	0.002439	1652.27	1191.73	Ier3ip1
778	1437585_x_at	0.00244	566.03	306.93	Zfp161
779	1426832_at	0.002444	1042	807.87	6330505F04Rik
780	1440253_at	0.002445	2662.77	1787.9	---
781	1426114_at	0.00245	7336.23	4108.47	Hnrpab
782	1440027_at	0.00245	477.13	360.03	2610528O22Rik
783	1455633_at	0.002455	500.7	338.9	Zfp647
784	1430583_at	0.002472	3234.53	2922.07	C130076O07Rik
785	1429251_at	0.002474	430.93	255.27	Prdm2
786	1435280_at	0.002477	2745.97	2108.8	Al452195
787	1419469_at	0.002485	777.87	615.93	Gnb4
788	1434044_at	0.002487	959.27	808.47	Repin1
789	1426924_at	0.002489	4530.2	3391.67	Mnab
790	1425940_a_at	0.002495	814	708.33	Ssbp3
791	1457632_s_at	0.002495	1345.77	652.2	Mrg1
792	1437621_x_at	0.002498	1502.4	1246.97	Phgdh LOC546010
793	1439478_at	0.002507	320.97	177.97	Acot2
794	1459861_s_at	0.002516	840.4	447.97	Fbxl10
795	1448178_a_at	0.002532	4587.47	4036.67	Cct3
796	1436318_at	0.002533	2289.93	1570.5	Tardbp
797	1430667_at	0.002543	2640.67	1636.33	Pcdh10
798	1460315_s_at	0.002545	2213.7	1582.97	Tbk1
799	1423829_at	0.002548	5835.07	5023.53	0910001A06Rik
800	1452152_at	0.002555	2768.1	2018.47	Al642036
801	1427351_s_at	0.002558	247.47	93.9	Igh-6
802	1448269_a_at	0.002562	722.43	452.33	Klh13
803	1427504_s_at	0.002568	3607.33	2497.37	Sfrs2
804	1422624_at	0.002569	525.87	417.67	Rev1l
805	1458370_at	0.002569	305.7	200.43	Bmp2k
806	1419443_at	0.00258	1689.83	1408.8	Sap18
807	1451542_at	0.002587	2310.13	1583.33	Ssbp2
808	1453104_at	0.002587	10028.47	8298.13	Mapk1
809	1448100_at	0.002591	4597.3	3865.27	4833439L19Rik
810	1429189_at	0.002594	4951.43	4103.07	1110007C02Rik
811	1455151_at	0.002602	365.03	224	Akap9
812	1436875_at	0.002604	2575.77	1274.07	Dnm3
813	1418304_at	0.002605	242.37	87.67	Pcdh21
814	1450223_at	0.002607	203.2	102.13	Apaf1
815	1456026_at	0.002612	232.77	181.77	8030451K01Rik
816	1417371_at	0.002615	1445.8	1160.53	Peli1
817	1452676_a_at	0.002619	421.77	354.23	Pnpt1
818	1418048_at	0.00262	1812	1387.17	1110059G10Rik
819	1451740_at	0.002621	1588	1113.67	Paip1
820	1421508_at	0.002632	265.67	179.43	Odz1
821	1435430_at	0.002638	2426.33	1877.7	Tmem1
822	1452176_at	0.002649	1268.6	1003.03	Nup153
823	1434084_at	0.002654	1168	767.17	5730601F06Rik
824	1454794_at	0.002663	1869.47	1344.43	Spast



825	1437287_at	0.002665	1684.87	1262.73	1110020G09Rik
826	1443401_at	0.002665	374.77	276.5	Astn2
827	1456567_x_at	0.002666	1444	993.3	Grn
828	1451254_at	0.002668	2658.07	1943.37	lkbkap
829	1448104_at	0.002676	1612.67	922.03	Aldh6a1
830	1454764_s_at	0.002678	3772.73	3034.03	---
831	1426905_a_at	0.002687	1916.5	1356.53	Dnajc10
832	1441640_at	0.002687	115.13	66.97	---
833	1427074_at	0.002692	2541.87	1897.47	Pcmdt2
834	1456632_at	0.002704	1100.47	774.73	Bcl11a
835	1437784_at	0.002705	607.1	444.17	Cbfa2t1h
836	1455091_at	0.002708	488.4	345.3	Msl2
837	1424005_at	0.002725	6084.07	5148.8	B230219D22Rik
838	1451990_at	0.002725	2136.2	1590.73	Mapre2
839	1452193_a_at	0.00273	4595.4	3297.33	Wasl
840	1454625_at	0.002731	326.6	205.9	Phf6
841	1424634_at	0.002733	2116.27	1518.17	Tceal1
842	1450017_at	0.002733	1940.7	1528.77	Ccng1
843	1457017_at	0.002734	66.87	49.43	2410005O16Rik
844	1423097_s_at	0.002746	1247.5	808.83	Capn7
845	1460631_at	0.002746	4733.5	3638.53	Ogt
846	1423848_at	0.002747	620.27	440.9	Mphosph6
847	1426248_at	0.002747	1637.73	1265.57	Stk24
848	1458163_at	0.002749	550.07	462.67	BC066028
849	1452833_at	0.002752	7336.73	5648.6	Rapgef2
850	1437666_x_at	0.002764	8120.47	6716.8	Ubc
851	1452974_at	0.002781	411.33	252.5	Nol8
852	1430596_s_at	0.002783	90.77	44	1700110N18Rik
853	1455829_at	0.002795	1989.73	1726.9	Usp14
854	1416653_at	0.002796	705.17	559.8	Stxbp3a
855	1434444_s_at	0.002808	931.77	757.17	---
856	1449546_a_at	0.002811	1317.8	764.33	Zfp617
857	1440325_at	0.002814	750.73	483.37	---
858	1417960_at	0.002816	628.2	513.93	Cpeb1
859	1418873_at	0.002818	371.07	313.3	Sfxn4
860	1428725_at	0.002819	1000.67	756.57	Pias2
861	1439093_at	0.00282	1192.5	894.9	---
862	1443935_at	0.00282	1221.23	916.6	BC032203
863	1429155_at	0.002822	1179.67	1002.7	4933411K20Rik
864	1429595_at	0.002822	182.63	118.9	2700049A03Rik
865	1437209_at	0.002829	121.7	85.37	6230425F05Rik
866	1423103_at	0.002831	448.77	309.07	Rfx5
867	1429688_at	0.002834	128.63	72.43	Arntl2
868	1419811_at	0.002845	2170.87	1662.93	D16Wsu65e
869	1416659_at	0.002848	2398.97	2010.27	Eif3s10
870	1423059_at	0.00285	3022.5	2727.13	Ptk2
871	1452332_at	0.002854	972.03	646.27	E030025D05Rik
872	1433895_at	0.002857	1322.9	1090.63	2310003P10Rik
873	1448743_at	0.00287	2312.43	1815.33	Ssx2ip
874	1435880_at	0.002871	1672.6	1535.57	E430012K20Rik
875	1437707_at	0.00288	711.23	560.73	BC019561
876	1423086_at	0.002908	477.9	372.9	Npc1

877	1428895_at	0.002914	424.5	229.03	3222401M22Rik
878	1441178_at	0.002918	104.83	65.1	Dtwd2
879	1417284_at	0.002921	703.7	506.2	Mapkap1
880	1416180_a_at	0.002924	599.4	510.27	Rdx
881	1437850_a_at	0.002925	2170.57	1381.67	Cnbp1
882	1435634_at	0.002933	2381.37	1902.27	A030012M09Rik
883	1435661_at	0.002945	1261.43	889.73	Als2cr4
884	1424368_s_at	0.002951	6551.37	5816.73	Ubqln1
885	1419037_at	0.002954	1061.77	793.77	Csnk2a1
886	1438169_a_at	0.002955	732.53	415.63	Frmd4b
887	1438531_at	0.002956	346.5	185.73	A730054J21Rik
888	1427073_at	0.00296	623.03	477.2	Lace1
889	1440487_at	0.002964	669.83	469.53	Dcc
890	1433475_a_at	0.002967	4583.6	3627.5	C78339
891	1424198_at	0.002968	504.07	409	Dlg5
892	1436912_at	0.002969	6498.7	5069.33	3110038O15Rik
893	1421664_a_at	0.002973	611.77	462.43	Styx
894	1434892_x_at	0.002987	6962.67	5698.67	Rbbp4
895	1454643_at	0.002987	681.53	552.37	Ubap2l
896	1452734_at	0.002988	2322.37	2039.03	Rnaset2
897	1424920_at	0.00299	321.5	283.27	Slc37a3
898	1447788_s_at	0.002997	1906	1348.87	Tspyl3
899	1426709_a_at	0.003002	2319.57	1515	Usp33
900	1448733_at	0.003002	1361.4	780.43	Pcgf4
901	1452763_at	0.003002	2325.53	1846.13	Nipa1
902	1454876_at	0.003002	521.4	385.57	Rab23
903	1429652_at	0.003012	589.87	442.6	1190002C06Rik
904	1433679_at	0.003017	468.17	235.93	Fubp3
905	1438221_at	0.003018	4081.3	3249.17	C130065N10Rik
906	1456058_at	0.003021	1394	827.73	Rbm27
907	1431076_at	0.003023	5522.9	4786.9	Add2
908	1455521_at	0.003025	1336.4	835.53	Klf12
909	1437869_at	0.003026	1087.13	763.3	3222402P14Rik
910	1460230_at	0.003029	5072.63	4314.87	Syn2
911	1444077_at	0.003029	1597.13	1247.93	---
912	1450881_s_at	0.00303	746.77	481.07	Tm7sf1
913	1435078_at	0.003032	2976.4	2584.97	3526402J09Rik
914	1433749_at	0.003057	1613.03	1338.17	Gna13
915	1427742_a_at	0.003059	467.73	359.6	Klf6
916	1434766_at	0.003059	1469.93	937.6	Prkaa2
917	1438720_at	0.003065	613.4	471.57	9330159F19Rik
918	1439397_at	0.003068	443.63	236.87	BB164513
919	1434565_at	0.00308	828.2	609.43	Cgrf1
920	1422842_at	0.003081	647	564.47	Xrn2
921	1438007_at	0.003094	3709.67	2025.57	Al851790
922	1437757_at	0.003098	246.2	196.3	---
923	1418431_at	0.003105	1105.37	622.03	Kif5b
924	1429949_at	0.003106	702.77	480.43	6530415H11Rik
925	1416065_a_at	0.003123	846.93	632.23	Ankrd10
926	1460043_at	0.003125	1066.33	652.37	---
927	1428795_at	0.003132	656.77	411.6	1110021L09Rik
928	1426712_at	0.003141	2383.17	1714.03	Slc6a15

929	1415802_at	0.003144	1953.1	1549.07	Slc16a1
930	1440201_at	0.003148	799.53	560.33	AV344025
931	1436268_at	0.003149	11509.63	9714.43	Ddn
932	1456795_at	0.00315	341.03	277.87	D330027G24Rik
933	1447623_s_at	0.003153	348.2	231.53	---
934	1420609_at	0.003158	3744.47	2880.97	7-Mar
935	1439035_at	0.003163	1279.17	873.87	Zfp322a
936	1453160_at	0.003164	1502.9	1179.9	Thrap1
937	1437682_x_at	0.00317	454.07	313.4	1110004E09Rik
938	1435619_at	0.00317	443.57	323.8	Bhc80
939	1439847_s_at	0.00317	1781.9	830.47	Klf12
940	1428494_a_at	0.003181	2140.8	1870.07	Polr2i
941	1447624_s_at	0.003185	9653.6	7713.1	Stox2
942	1452207_at	0.003186	2274.47	1978.83	Cited2
943	1456067_at	0.003188	343.17	298.4	Gli3
944	1428876_at	0.003199	2019.67	1622.57	Srp72
945	1426583_at	0.003202	5750.17	3784.03	Atf2
946	1426541_a_at	0.003203	867.73	622.93	2310067E08Rik
947	1434355_at	0.003207	946.1	661.03	Zfp617
948	1436746_at	0.00321	1513.37	1033.57	Wnk1
949	1450031_at	0.003215	4145.8	2889.3	Aff4
950	1428579_at	0.003223	1910.2	1646.47	Fmnl2
951	1450084_s_at	0.003224	2224.1	2066.2	lvns1abp
952	1448144_at	0.003237	570.63	371.2	Hnrpab
953	1441662_at	0.003237	618.73	443.07	---
954	1454874_at	0.003237	568.9	385.93	Btbd7
955	1455082_at	0.003264	768.97	655.6	Cblb
956	1455047_at	0.003266	1361.87	1110.8	Fbxo3
957	1420822_s_at	0.003272	972.47	622.9	Sgpp1
958	1424242_at	0.003274	944.53	732.97	Bphl
959	1448702_at	0.00328	1923.9	1603.33	Ier3ip1
960	1438062_at	0.003283	1145.43	820.47	4832420A03Rik
961	1426856_at	0.003284	400.3	267.27	Hsdl2
962	1435484_at	0.003286	1294.57	922.1	BF642829
963	1428277_at	0.003287	1382.6	1101.3	Otud6b
964	1434671_at	0.003287	4562.03	3385.47	B230337E12Rik
965	1457257_x_at	0.003292	256.4	83.23	---
966	1436600_at	0.003296	1422.13	752.83	Tnrc9
967	1435285_at	0.003298	994.5	843.7	Mpped2
968	1448484_at	0.003303	4716.13	3854.53	Amd1
969	1451769_s_at	0.003313	823	633.23	Pcdha4 Pcdha6
970	1423451_at	0.003316	11247.77	9626.13	Pgrmc1
971	1438782_at	0.003322	369.6	240.97	Cntn4
972	1420925_at	0.003324	2417.83	1973.47	Tub
973	1426851_a_at	0.003331	5146.4	3069.07	Nov
974	1460547_a_at	0.003334	11104.7	9607.63	Hnrpk
975	1454897_at	0.003335	623.77	425.4	6330509M05Rik
976	1434101_at	0.003335	648.13	496.4	Nfib
977	1455940_x_at	0.003341	3791.47	2200.7	Wdr6
978	1436169_at	0.003345	1241.63	783.53	---
979	1436908_at	0.003357	1199.33	848.73	Pcm1
980	1434314_s_at	0.003362	2248.8	1614.9	Rab11fip5

981	1438634_x_at	0.003363	5623.07	3656	Lasp1
982	1425115_at	0.003364	1834.03	1167.07	Rbbp6
983	1416757_at	0.003368	165.67	95.8	Zwilch
984	1437200_at	0.003371	1022.97	701.37	Fcho2
985	1434258_s_at	0.00338	344.67	265.8	Phactr4
986	1423479_at	0.003387	735.87	657.43	Nol11
987	1439777_at	0.003387	3319.6	2703.93	B230218O03
988	1448694_at	0.003388	1492.5	862.77	Jun
989	1436388_a_at	0.003389	1230.97	872.03	3830406C13Rik
990	1424200_s_at	0.003395	1619	1300.7	Seh1l
991	1435556_at	0.003395	829.3	597.57	---
992	1450069_a_at	0.003397	3148.3	2323.57	Cugbp2
993	1423043_s_at	0.003398	8632.33	6670.87	Ddx3x
994	1452761_a_at	0.003418	449.27	274.9	8430436O14Rik
995	1437217_at	0.003425	587.8	380.27	Ankrd6
996	1440816_x_at	0.003425	2389.6	1905	Ddx1
997	1425186_at	0.003432	2548.63	2222.47	Lmbrd1
998	1422553_at	0.003436	6479	4904.4	Pten
999	1438666_at	0.00344	494	327.07	Ldlrad3
1000	1422685_at	0.003442	1043.97	736.93	Sec8l1
1001	1435616_at	0.003444	470.97	222.37	Cyp20a1
1002	1457229_at	0.003446	453.93	361.7	Gpr173
1003	1424015_at	0.003453	9985.8	8364.27	Rab6ip1
1004	1436895_at	0.003455	1141.67	897.2	Centd1
1005	1428086_at	0.00346	5729.5	4920.5	Dnm1l
1006	1429768_at	0.003461	1102.13	743.4	Dtna
1007	1416614_at	0.003464	7523	5896.6	Cri1
1008	1456948_at	0.003473	223.2	127.07	Ap4e1
1009	1454939_at	0.003479	1350.03	995.23	Phf20l1
1010	1460303_at	0.003498	2576.7	1644.1	Nr3c1
1011	1421756_a_at	0.003501	869.4	731.93	Gpr19
1012	1452657_at	0.00351	2188.07	1606.07	Ap1s2
1013	1434441_at	0.00351	198.4	142.6	1110018J18Rik
1014	1421190_at	0.003512	3207.3	2740.77	Gabrb3
1015	1428471_at	0.003512	3018.27	2034.37	Sorbs1
1016	1456379_x_at	0.003515	3202.17	1980.47	Dner
1017	1457142_at	0.003526	1344.13	967.47	Efcfbp1
1018	1456610_at	0.00353	416.93	226.4	Jmjd3
1019	1429417_at	0.003532	260.47	127	4833446K15Rik
1020	1429401_at	0.003538	1128.8	862.67	Stox2
1021	1444560_at	0.003539	202.6	114.73	---
1022	1416319_at	0.00355	1487.6	1066.23	Adk
1023	1423671_at	0.00355	4188.33	2847.17	Dner
1024	1422607_at	0.003559	1282.83	1019.2	Etv1
1025	1438295_at	0.003559	290.4	159.23	Glicc1
1026	1434687_at	0.003561	362	213.77	---
1027	1433514_at	0.00357	5921.83	5097.5	Etnk1
1028	1434510_at	0.003572	353.7	256.93	Papss2
1029	1417307_at	0.00359	1244.43	982.87	Dmd
1030	1433561_at	0.00359	2457.7	1670.83	Centb2
1031	1428416_at	0.003592	3226.9	2277.8	3110050N22Rik
1032	1448537_at	0.003598	1311.4	1217.17	Ttc1

1033	1433782_at	0.003599	1115.47	833.77	Cldn12
1034	1429779_at	0.003603	276.97	202.17	Eif2c4
1035	1451405_at	0.003611	1191.3	936.67	Pcca
1036	1423883_at	0.003616	1806.4	1411.83	Acsl1
1037	1435021_at	0.00363	7474.2	6898.07	Gabrb3
1038	1450663_at	0.003635	231.13	150.97	Thbs2
1039	1456089_at	0.003635	687.13	496.53	Trim23
1040	1433507_a_at	0.00364	8031.7	6486.43	Hmgn2
1041	1422481_at	0.003642	173.3	110.47	Krt2-1
1042	1440910_at	0.003644	1848.17	1335.23	---
1043	1455113_at	0.003646	837.37	675.2	Armc8
1044	1434842_s_at	0.003649	984.67	698.1	Upf3b
1045	1451264_at	0.003649	985.47	870.7	Frmd6
1046	1455712_at	0.003649	724.5	468.63	Hist3h2a
1047	1435260_at	0.003651	1906.1	1590.87	---
1048	1437748_at	0.003654	590.9	459.27	Fut11
1049	1435545_at	0.003656	497.2	291.5	BC032203
1050	1448570_at	0.003657	4094.47	3369.43	Gmfb
1051	1436034_at	0.003663	615.73	325.7	Rab1
1052	1453266_at	0.003665	1555.23	1043.73	Zbtb4
1053	1440279_at	0.003668	1210.57	929.3	---
1054	1454960_at	0.003673	1739.87	1348.5	Smad3
1055	1455945_at	0.003674	280.03	206.6	A530094I17Rik
1056	1433521_at	0.003679	4813.13	4184.6	Ankrd13c
1057	1453002_at	0.003684	277.1	148.3	Sox11
1058	1437468_x_at	0.003696	9275.4	7463.83	Fbxw11
1059	1455339_at	0.003703	423.43	353.93	C430014M02Rik
1060	1415908_at	0.003704	3793.2	2731.27	Tspyl1
1061	1449048_s_at	0.00371	1795.23	1496.47	Rab4a
1062	1426774_at	0.003722	180.7	134.77	Parp12
1063	1427281_at	0.003723	2366.07	1977.07	Scn2a1
1064	1456262_at	0.003728	804	585.8	Rbm5
1065	1436836_x_at	0.003729	3158.47	2494.4	Cnn3
1066	1429443_at	0.003729	2011.13	1553.93	Cpne4
1067	1436535_at	0.003732	1054.63	623.47	Trove2
1068	1455365_at	0.003742	418.33	293.83	Cdh8
1069	1440825_s_at	0.003748	819.77	530.27	Ccdc28a
1070	1454919_at	0.003753	1376.93	1095.67	AU044698
1071	1416722_at	0.003754	2343.57	2090.33	Hmg20a
1072	1448210_at	0.003754	2595.53	2038.13	Rab1
1073	1451519_at	0.003755	1415.3	1126.57	Rnf2
1074	1429050_at	0.003763	529	376.2	Chic2
1075	1438134_at	0.003785	2151.9	1547.67	Pcdh10
1076	1451342_at	0.003788	782	532	Spon1
1077	1415682_at	0.003796	995.6	866.5	Xpo7
1078	1435662_at	0.003801	489.73	331.13	2610020O08Rik
1079	1439783_at	0.003807	453.4	305.3	C330018D20Rik
1080	1437203_at	0.003809	748.2	583.83	---
1081	1416862_at	0.003812	954.37	744.37	Stam
1082	1450716_at	0.003812	313.93	190.63	Adamts1
1083	1435440_at	0.003812	1447.17	1243.93	Pdzk8
1084	1427464_s_at	0.003818	3731.5	2220	Hspa5

1085	1433784_at	0.003818	2234.37	1818.27	Al265322
1086	1437289_at	0.003818	2629.27	2046.63	Impad1
1087	1428829_at	0.003819	382.73	236.03	6820401H01Rik
1088	1455472_at	0.003823	1453.97	947.17	A630071D13Rik
1089	1418030_at	0.003831	319.53	210.57	Slco3a1
1090	1435222_at	0.003833	3043.37	2556.87	Foxp1
1091	1417948_s_at	0.003837	1247.73	849.43	Ilf2
1092	1437773_x_at	0.00384	6706.97	5698.13	Ddx17
1093	1434002_at	0.003843	746.63	581.53	Ches1
1094	1441258_at	0.003851	132.5	85.13	AF529169
1095	1453212_at	0.003852	533.3	342.3	Zfp383
1096	1438413_at	0.003859	872.53	551.67	Senp7
1097	1428375_at	0.003873	757.13	579.77	---
1098	1423096_at	0.003875	1110.57	880.17	Capn7
1099	1452669_at	0.003882	2262.8	1741.7	2810012G03Rik
1100	1429738_at	0.003891	2126.03	1714.37	Myt1l
1101	1433658_x_at	0.003898	4269.97	3291.17	Pcbp4
1102	1437874_s_at	0.003898	4845.97	3147.9	Hexb
1103	1435194_at	0.003915	1733.87	1362.17	Hspa4
1104	1455097_at	0.003916	315.2	234.37	LOC545085
1105	1437480_at	0.003918	370.1	205.57	1110001A07Rik
1106	1450149_a_at	0.003927	9776.6	8460.27	Ppp1cc LOC434233
1107	1420583_a_at	0.003931	1203.4	998.87	Rora
1108	1460098_at	0.003938	122.8	68.73	---
1109	1436021_at	0.00394	1660.33	1262.47	A930031D07Rik
1110	1452700_s_at	0.00394	2453.67	1681.27	Kbtbd7
1111	1423470_at	0.003952	3536.57	3034.4	Ptbp2
1112	1434691_at	0.003952	654.67	410.73	Sfrs2ip
1113	1459860_x_at	0.003953	6222.1	4533.6	Trim2
1114	1454959_s_at	0.003964	10462.5	8293.07	Gnai1
1115	1417529_at	0.003965	2521.1	1882.4	Rab33a
1116	1425486_s_at	0.003972	4157.5	3223.63	Mtmr6
1117	1428568_at	0.003974	2277.03	1799.13	B230217C12Rik
1118	1417438_at	0.00399	1515.2	1226.13	Rdh14
1119	1444550_at	0.003997	95.2	68.7	1300018I05Rik
1120	1434778_at	0.004	913.8	654.57	BC037674
1121	1437696_at	0.004002	307.77	204	BC049807
1122	1436833_x_at	0.004003	3195.2	2079.23	Till1
1123	1435028_at	0.004008	5637.83	4535.8	Wdr7
1124	1427186_a_at	0.004019	2169.13	1631.67	Mef2a
1125	1416368_at	0.00402	1509.97	1039.23	Gsta4
1126	1452477_at	0.004021	104.63	70.83	3110057O12Rik
1127	1437877_at	0.004022	241.23	128.47	D3ErtD789e Ttc14
1128	1447992_s_at	0.004022	6258.1	4321.33	Pcsk2
1129	1416607_at	0.004025	884.63	703.8	4931406C07Rik
1130	1417134_at	0.004026	2642.07	2325.3	Srpk2
1131	1437837_x_at	0.004027	3248.63	1957.03	Poldip3
1132	1423143_at	0.004032	454.13	337.97	Gtpbp4
1133	1437598_at	0.004037	806.07	568.93	---
1134	1439389_s_at	0.004038	2577.93	1675.2	Myadm
1135	1448347_a_at	0.00404	3216.77	2260.93	Gpiap1
1136	1428921_at	0.004046	240.73	175.53	2810021B07Rik

1137	1454987_a_at	0.004049	346.43	245.9	H2-Ke6
1138	1433564_at	0.00405	1236.9	1087.97	Dgkd
1139	1438420_at	0.004052	981.63	719.9	Rnpc2
1140	1459971_at	0.004053	1152.37	738.6	---
1141	1424697_at	0.004059	638.47	518.07	Dtwd1
1142	1448670_at	0.004074	5924.43	4688.3	Ube2e3
1143	1449197_at	0.004077	434.67	305.37	2310040A13Rik
1144	1434692_at	0.00408	623.93	480.27	1110034B05Rik
1145	1442139_at	0.004081	407.27	245.63	---
1146	1443724_at	0.004081	274.27	238.73	Jph3
1147	1434011_a_at	0.004083	2307.9	1698.2	1110055N21Rik
1148	1428930_at	0.004084	467	342.7	6330540D07Rik
1149	1419123_a_at	0.004097	344.63	188.23	Pdgc
1150	1418066_at	0.004101	1071.57	893.87	Cfl2
1151	1428192_at	0.004116	666.67	383.6	Kbtbd7
1152	1434972_x_at	0.00412	3470.53	2493.23	Sfrs1
1153	1450063_at	0.004131	1820.2	1379.83	Fmn2
1154	1436441_at	0.004137	400.47	202.37	---
1155	1426407_at	0.004138	9558.57	7096.6	Cugbp1
1156	1428130_at	0.004148	553.23	382.47	Lman1
1157	1459843_s_at	0.004149	1179.13	725.2	Smad1
1158	1428883_at	0.00417	1487.6	1153.53	Tmem57
1159	1457568_at	0.004183	2126.27	1482.47	C230004L04
1160	1428434_at	0.004191	1057.57	768.83	Zcchc12
1161	1418332_a_at	0.004192	3660.23	2599.63	Agtbbp1
1162	1434285_at	0.0042	906.2	698.53	Frmd4a
1163	1416841_at	0.004202	816.3	615.53	1110059E24Rik
1164	1454968_at	0.004202	148.47	86.63	1110034A24Rik
1165	1437230_at	0.004205	2578.8	2039.47	Kcna1
1166	1433909_at	0.004208	799.6	542.07	Bk
1167	1452861_at	0.00422	4824.5	4187.9	2010300C02Rik
1168	1428377_at	0.004225	665.93	519.4	Btbd11
1169	1429689_at	0.004228	319.47	224.6	4932433N03Rik
1170	1431432_at	0.004228	189.4	149.5	Cfl2
1171	1429514_at	0.004239	6855.1	5186.83	Ppap2b
1172	1430982_at	0.004241	1034.67	832.4	Sfrs1
1173	1429685_at	0.004242	6508.13	5104.33	C030002O17Rik
1174	1434284_at	0.004244	1548.37	1258.57	Bdp1
1175	1447720_x_at	0.004247	4561.93	3062.13	Prkaca
1176	1460545_at	0.004249	1675.33	1324.2	Thrap3
1177	1436790_a_at	0.00425	877.87	456.1	Sox11
1178	1417202_s_at	0.004255	2586.7	2030.5	Ube1c
1179	1447904_s_at	0.004255	3528.57	2720.43	Fnta
1180	1419174_at	0.004264	2286.97	1840.8	2410004B18Rik
1181	1452798_s_at	0.004274	825.47	688.7	Mapk1ip1
1182	1448253_at	0.004278	4273.27	3517.07	Glud1
1183	1438663_at	0.004281	1008.97	633.7	Bat2d
1184	1437382_at	0.004287	2125.03	1558.87	Acvr2a
1185	1455665_at	0.004287	1509.57	1278.63	---
1186	1452209_at	0.004291	3679.57	2725.5	Pkp4
1187	1433968_a_at	0.004302	3650.27	2568.33	---
1188	1416453_x_at	0.004305	7584	4683.43	Rps12

1189	1456599_at	0.004311	1202.83	610.6	Nxt2
1190	1452885_at	0.004312	752.5	559.6	Sfrs2ip
1191	1449059_a_at	0.004313	8880.7	8109.4	Oxct1
1192	1436907_at	0.004313	1060.83	856.53	Nav1
1193	1434286_at	0.004318	437.77	264.2	Trps1
1194	1426315_a_at	0.004326	425.5	329.73	6330416G13Rik
1195	1434395_at	0.004332	2844.97	2372.9	Man1a2
1196	1419460_at	0.004346	786.6	627.87	Rpp14
1197	1436247_at	0.004351	547.9	385.57	4632419I22Rik
1198	1417298_at	0.004357	1040	782.33	Ebpl
1199	1428570_at	0.004368	447.2	383.2	Ccnc
1200	1437723_s_at	0.004382	2914.33	1822.7	Der11
1201	1429356_s_at	0.004383	632.9	568.67	Ggps1
1202	1416765_s_at	0.004384	2778.5	2130.37	MGI:1913699
1203	1429749_at	0.004407	945.07	712.5	9330180L21Rik
1204	1448021_at	0.004419	292.8	102.73	---
1205	1423155_at	0.004426	816.4	655.53	Sri
1206	1440849_at	0.004426	6338.2	5197.03	6330417G04Rik
1207	1424415_s_at	0.004427	157.2	111.37	Spon1
1208	1451466_at	0.004427	514.97	393.57	D16Ert472e
1209	1419164_at	0.004428	1279.33	1128	Zfp260
1210	1434603_at	0.004429	2632.47	1998.93	Thrap2
1211	1448557_at	0.004442	2164.6	1589.57	1200015N20Rik
1212	1428845_at	0.004445	2942.9	2337.6	Bclaf1
1213	1418369_at	0.004451	385.1	272.97	Prim1
1214	1433969_at	0.004451	617.5	349.03	AU067824
1215	1416904_at	0.004452	4161.4	3464	Mbn11
1216	1455724_at	0.004454	313.2	195.4	---
1217	1429463_at	0.004465	2199.5	1854.3	Prkaa2
1218	1454878_at	0.004465	1822.23	1374.57	2310047C04Rik
1219	1429519_at	0.004468	946.1	620.03	Fpgt
1220	1437351_at	0.004469	1121.33	838.6	Cxxc4
1221	1427949_at	0.004476	1261	976.73	Zfp294
1222	1430516_at	0.004479	766.2	645.1	4930428B01Rik
1223	1457984_at	0.004485	1339.47	853.3	Crh
1224	1460211_a_at	0.004486	1210.77	710.67	Kdelr1
1225	1448149_at	0.004488	1694.3	1291.5	Ctnna1
1226	1436405_at	0.004492	2278.37	1275.73	Dock4
1227	1455058_at	0.0045	1445.9	1141.2	Mtmt9
1228	1416109_at	0.004505	1283.07	1168.33	Fuca1
1229	1424243_at	0.004507	1313	765.57	Rwdd4a
1230	1455729_at	0.004507	3800.53	2947	Gnaq
1231	1453381_at	0.004513	416.57	338.7	C030033M12Rik
1232	1455769_at	0.004518	210.67	115.77	---
1233	1454983_at	0.004527	730.6	607.87	AI465301
1234	1452828_at	0.004529	1675.13	1490.4	Fbxo21
1235	1457656_s_at	0.004534	170.93	143.13	C230085N15Rik
1236	1438096_a_at	0.004548	961.4	753.43	Dtymk
1237	1450938_at	0.00456	1029.43	782.47	Pnn
1238	1456786_at	0.004561	505.17	367.9	Ldb2
1239	1434958_at	0.004564	1559.7	1220.73	Sacs
1240	1428741_at	0.004566	2272.47	2023.5	Elavl4



1241	1455854_a_at	0.004567	619.5	451.87	Ssh1
1242	1429716_at	0.004568	167.23	110.67	Zcchc4
1243	1437644_at	0.004569	107.9	59.6	B3galt2
1244	1446149_at	0.004576	70.9	33.2	Ppp3cb
1245	1429004_at	0.004587	1560.27	1098.2	Phip
1246	1455875_x_at	0.004592	7771.57	5086.83	Tm9sf2
1247	1460595_at	0.004598	539.57	380.33	---
1248	1429723_at	0.0046	2625.3	2254.6	6330409N04Rik
1249	1434105_at	0.00461	1432.7	1232.23	Epm2aip1
1250	1423357_at	0.004611	305.93	217.07	2610209A20Rik
1251	1441989_at	0.004611	325.43	228.6	Bnip2
1252	1419976_s_at	0.004636	251.17	196.6	Nfatc3
1253	1439026_at	0.004644	525.57	387.3	Trpm3
1254	1434454_at	0.004645	1121.23	886.37	D16Wsu65e
1255	1429372_at	0.004647	251.13	151.4	Sox11
1256	1458802_at	0.004648	1770.33	1280.2	Hivep3
1257	1436735_at	0.004654	451.1	326.6	Nsun3
1258	1416267_at	0.004661	3338.7	2002	Scoc
1259	1452341_at	0.004679	1463.07	1322.83	Echs1
1260	1452218_at	0.004691	237.43	134.4	BC018601
1261	1429058_at	0.004693	1379.23	1022.27	1110004B13Rik
1262	1451587_a_at	0.004696	1547	1282.47	Tiprl
1263	1427982_s_at	0.004714	285.97	201.33	Syne2
1264	1420947_at	0.004734	564.03	393.97	Atrx
1265	1423102_a_at	0.004734	2515.2	2155.5	Rnf10
1266	1424094_at	0.004737	986.33	721.87	Nek9
1267	1423870_at	0.004746	1112.63	905.73	2610208M17Rik
1268	1436117_at	0.004749	4855.97	4239.87	A830010M20Rik
1269	1416126_at	0.004754	261.7	149.13	Rpo1-2
1270	1421955_a_at	0.004759	4511.37	3481.97	Nedd4
1271	1436752_at	0.004759	291.8	207.03	5730478M09Rik
1272	1434996_at	0.004761	1340.5	823.67	Slc25a16
1273	1429003_at	0.004762	1209.6	834.23	Skiip
1274	1452047_at	0.004762	2997.37	2366.93	Cacybp
1275	1454966_at	0.004768	193.5	120.13	Itga8
1276	1439825_at	0.004782	99.03	47.5	Dtx3l
1277	1429064_at	0.004792	3102.2	2802	2900024P20Rik
1278	1422809_at	0.0048	2161.5	1442.8	Rims2
1279	1452765_at	0.004811	918.23	661.4	Slc39a9
1280	1451063_at	0.004813	541.43	353.5	Stxbp4
1281	1434174_at	0.004818	530.07	380.13	Lysmd3
1282	1429625_at	0.004824	5348.1	4740.03	2900054C01Rik
1283	1429194_at	0.004825	496.77	329.07	Tigd2
1284	1433759_at	0.004829	2765.17	2302.93	Dpy19l1
1285	1433928_a_at	0.00483	2132.53	1531.27	Rpl13a
1286	1454724_x_at	0.004838	2739.7	2176.73	5730446C15Rik
1287	1456833_at	0.004839	1133.47	775.13	Gpr17
1288	1435014_at	0.004842	1371.23	1012.77	Rab39b
1289	1455196_s_at	0.004849	391	304.9	AA987161
1290	1455762_at	0.004849	2454.97	2131.77	C330002I19Rik
1291	1426999_at	0.004857	2430.3	1943	2700069A02Rik
1292	1449679_s_at	0.004861	1755.73	1415.47	Stx5a

1293	1422683_at	0.004862	262.93	163	Irak1bp1
1294	1440015_at	0.004865	1331.73	1048	---
1295	1452364_at	0.004867	606.47	473.87	Suz12
1296	1449176_a_at	0.004868	634.4	461.67	Dck
1297	1442745_x_at	0.004874	647.8	454.27	C79248
1298	1448526_at	0.004875	3007.57	2470.97	Kpnb1
1299	1437907_a_at	0.004876	2308.1	1610.4	Tbca
1300	1457760_at	0.004876	156.6	131.57	A930004J17Rik
1301	1422669_at	0.004881	1221.17	961.53	Ebag9
1302	1420821_at	0.004884	617.4	293.33	Sgpp1
1303	1452973_at	0.004886	2836.27	2275.4	Ppm1k
1304	1432158_a_at	0.004887	3968.27	3096.2	Trappc2
1305	1457979_at	0.004892	2095.37	1559.83	---
1306	1438300_at	0.004896	100.77	69.37	4921511I16Rik
1307	1437360_at	0.004905	1313.2	936.43	Pcdh19
1308	1439290_at	0.004905	126.53	66.8	Fxr1h
1309	1433440_x_at	0.004906	2998.67	2184.43	Uble1b
1310	1456607_at	0.004917	1286.23	991.97	Vcpip1
1311	1416452_at	0.004921	2555.5	2094.97	Oat
1312	1444611_at	0.004923	206.9	130.1	---
1313	1419356_at	0.004927	688.13	573.1	Klf7
1314	1423149_at	0.004927	6009.9	5082.3	Skp1a
1315	1433794_at	0.004932	2747.1	2135.7	Als4
1316	1456103_at	0.004936	189.63	109.17	Pml
1317	1449084_s_at	0.004971	512.77	305.03	Sh3d19
1318	1454060_a_at	0.004981	1065.67	791.23	Nras
1319	1426903_at	0.00499	1538.63	1270.63	Fndc3
1320	1455961_at	0.004999	262.23	152.53	Mme
1321	1438456_at	0.004999	165.27	113.53	H13
1322	1439971_at	0.004999	2558.8	1646.53	6330439K17Rik
1323	1418023_at	0.005006	696	559.4	Narg1
1324	1448111_at	0.005009	747.4	621.5	Ctps2
1325	1417155_at	0.00501	680.87	510.3	Mycn
1326	1458385_at	0.005021	913.13	636.07	Hspa4l
1327	1425487_at	0.005033	316.23	252.07	D11ErtD730e
1328	1455886_at	0.005037	927.73	750.77	Cbl
1329	1427407_s_at	0.00505	772.37	528.87	Trip11
1330	1434120_a_at	0.005052	3258.23	2508.1	Metap2
1331	1452953_at	0.005058	1594.8	1083.57	1810036I24Rik
1332	1455805_x_at	0.00506	460.33	412.63	Ccdc22
1333	1439899_at	0.005068	716.57	483.67	Galnt13
1334	1458386_at	0.00507	468.4	255.33	C030009J22Rik
1335	1435247_at	0.005079	1096.7	750.47	Ube1dc1
1336	1428333_at	0.005082	3209.17	2315.47	6530401D17Rik
1337	1424431_at	0.005083	566	358.9	MGI:1926002
1338	1426382_at	0.005092	1960.33	1672.2	Ppm1b
1339	1434768_at	0.005097	875.3	638.07	Tpp1
1340	1434503_s_at	0.005112	1478.03	957.77	Lamp2
1341	1456087_at	0.005112	1700.5	1369.63	Nfia
1342	1418968_at	0.005124	2147.9	1823.63	Rb1cc1
1343	1440891_at	0.005129	1148.33	879.7	Gria4
1344	1454984_at	0.005142	1784	1114.87	AW061234

1345	1452366_at	0.005143	1180.4	916.53	4732435N03Rik
1346	1434288_at	0.005143	417.23	298.8	Bivm
1347	1434354_at	0.005145	607.2	449.23	Maob
1348	1418188_a_at	0.005148	4373.93	2933.83	Malat1
1349	1419879_s_at	0.005164	129.17	51.63	Trim25
1350	1454673_at	0.005169	688.7	555.6	Wasf2
1351	1417082_at	0.005171	1382.2	1071.13	Anp32b
1352	1428011_a_at	0.005173	1206.67	852.33	Erb2ip
1353	1434566_a_at	0.005183	317.23	218.03	4732496O08Rik
1354	1423672_at	0.005191	897.93	590.5	2510042P03Rik
1355	1419400_at	0.005197	247.6	160.63	Mttp
1356	1424410_at	0.0052	928.67	752.13	Ttc8
1357	1426491_at	0.005203	2106.8	1686.17	Herc2
1358	1428260_at	0.005206	6003.53	4874.17	Spg3a
1359	1422868_s_at	0.005215	622.17	452.03	Gda
1360	1416186_at	0.005223	986	632.77	Pnrc2
1361	1425966_x_at	0.005225	3792.8	1261.97	Ubc
1362	1435879_at	0.005225	2245.63	2040.8	Akt3
1363	1460335_at	0.005232	559.63	407.03	Lysmd3
1364	1437782_at	0.005235	483.87	305.93	Cntnap2
1365	1451411_at	0.005249	1504.87	1197.87	Gprc5b
1366	1455978_a_at	0.005251	510	165.43	Matn2
1367	1424136_a_at	0.005267	413.83	307.6	Ppih LOC433064 LOC434090
1368	1447500_at	0.005276	1751.47	1166.87	---
1369	1452713_a_at	0.005277	650.93	444.7	Wdr57
1370	1428468_at	0.005279	855.8	706.37	3110043O21Rik
1371	1423230_at	0.005285	183.53	142.2	Inpp5e
1372	1434664_at	0.005286	1917.37	1488.43	2410129H14Rik
1373	1455072_at	0.005288	1287.9	926.43	4933409L06Rik
1374	1460359_at	0.005288	3150.1	2380.57	LOC434247
1375	1423444_at	0.00529	867.87	625.17	Rock1
1376	1434935_at	0.005294	1152.37	957.2	Aak1
1377	1435705_at	0.005299	494.4	393.63	LOC232875
1378	1436015_s_at	0.005315	2033.13	1352.93	Stk4
1379	1420196_s_at	0.005318	2720.9	2120.6	Tbc1d14
1380	1456054_a_at	0.005327	2481.33	1706.23	Pum1
1381	1460004_x_at	0.005333	3303.77	2258.63	Stx6
1382	1455849_at	0.005339	254.8	160.77	Nav1
1383	1425814_a_at	0.005348	135.1	84.63	Calcr1
1384	1424683_at	0.005356	2713	1967.27	1810015C04Rik
1385	1448212_at	0.005362	846.93	590.63	Tnfsf5ip1
1386	1456573_x_at	0.005366	725.2	348.43	Nnt
1387	1428624_at	0.005394	629.73	448.17	2810482I07Rik
1388	1419925_s_at	0.005408	1521.73	1213.3	---
1389	1445574_at	0.005408	519.77	378.5	---
1390	1431232_a_at	0.005428	647.93	463.7	Mga
1391	1455603_at	0.00543	4845.87	3060.93	---
1392	1433668_at	0.005431	3025.77	2105.53	Pnrc1
1393	1424114_s_at	0.005432	245.73	144.07	Lamb1-1
1394	1448405_a_at	0.005432	9700.77	7086.83	Cri1
1395	1435923_at	0.005433	1507.57	1099.17	Gm237
1396	1450706_a_at	0.005463	4669.73	3529.9	Arl3

1397	1438310_at	0.005467	2240	1822.93	---
1398	1424071_s_at	0.005469	1334.2	998.1	BC018507
1399	1435991_at	0.005472	500.83	367.37	Nr3c2
1400	1422569_at	0.005477	1868.73	1685.33	Yy1
1401	1449158_at	0.005481	1591.93	1168.1	Kcnk2
1402	1441305_at	0.005489	1632.23	1012.47	Nedd4l
1403	1438619_x_at	0.00549	2103.97	1756.33	Zdhhc14
1404	1450928_at	0.005516	1765.6	1051.43	Id4
1405	1423641_s_at	0.005518	3676.43	2719.2	Cnot7
1406	1454074_a_at	0.005522	2652.2	1992.43	1500011J06Rik
1407	1457434_s_at	0.005522	1401.07	1058.9	Ptpla
1408	1436729_at	0.005539	845.97	649.47	2600003E23Rik
1409	1452038_at	0.00554	1473.83	1388.47	Capza1 LOC546155
1410	1452197_at	0.00554	351.6	225.73	Smc4l1
1411	1415872_at	0.005541	5159.87	4447	Hnrph1
1412	1438677_at	0.005547	1018.3	911.2	Pkp4
1413	1454879_s_at	0.00555	507.1	423.47	1700052N19Rik
1414	1417600_at	0.005551	791.47	553.47	Slc15a2
1415	1438276_at	0.005554	174.07	142.17	Ttc19
1416	1422711_a_at	0.005559	2022.53	1592.77	Pnck
1417	1424214_at	0.00556	1237.3	981.43	9130213B05Rik
1418	1423045_at	0.005563	940.1	799.17	Ncbp2
1419	1418401_a_at	0.005579	486.17	321.63	Dusp16
1420	1434196_at	0.00559	621.43	435.27	Dnaja4
1421	1452380_at	0.005592	745.4	535.7	Epha7
1422	1435576_at	0.005601	602	478.9	AW413774
1423	1417685_at	0.005615	568.23	473.3	Ankfy1
1424	1433476_at	0.005622	4183.07	3456.87	C78339
1425	1436152_a_at	0.005627	3422.67	2325.83	Hbxip
1426	1452769_at	0.005628	5090.73	4143.2	3732413I11Rik
1427	1444615_x_at	0.005632	804.77	411.8	Cbfa2t1h
1428	1421425_a_at	0.005636	6789.1	5796.9	Dscr1l1
1429	1434025_at	0.005653	914.63	707.1	---
1430	1456233_at	0.005689	455.9	328.4	---
1431	1433581_at	0.005701	1752	1361.8	1190002N15Rik
1432	1456135_s_at	0.005704	506.83	307.27	Pxn
1433	1427886_at	0.005715	2069.97	1690.13	Pom121
1434	1434005_at	0.005727	774.47	561.27	Rbms1
1435	1421017_at	0.005738	806.83	553.1	Nrg3
1436	1453421_at	0.00575	2154.83	1715.1	Srr
1437	1423117_at	0.005752	2297.7	1886.93	Pum1
1438	1456336_at	0.005753	833.93	659.87	A330102K23Rik
1439	1421115_a_at	0.005763	647.73	558.93	Zdhhc16
1440	1447877_x_at	0.005771	300.2	162.47	Dnmt1
1441	1433572_a_at	0.005775	3175.63	2730.03	BC010304
1442	1434149_at	0.005775	3068.33	2075.13	Tcf4
1443	1440879_at	0.005783	298.53	234.07	Abca9
1444	1453313_at	0.005784	3496.83	2335.33	Sesn3
1445	1436597_at	0.005785	718.97	560.67	Ankhd1
1446	1417938_at	0.005817	80.63	39.47	Rad51ap1
1447	1434819_at	0.005818	1468	841.97	St6gal2
1448	1434376_at	0.00582	214	133.53	Cd44

1449	1448005_at	0.005825	2025.3	1426.93	Sash1
1450	1439255_s_at	0.005829	713.97	574.03	Tm7sf1
1451	1457273_at	0.005831	3935.87	3144.8	Odz2
1452	1419100_at	0.005832	969.2	697.13	Serpina3n
1453	1438024_at	0.005832	1598.57	1120.67	6230416A05Rik
1454	1450629_at	0.005837	293	184.9	D15ErtD366e
1455	1417770_s_at	0.00584	2454.13	1472.9	---
1456	1449465_at	0.00584	4119.13	3532.57	Reln
1457	1434313_at	0.005842	509.67	265.27	6330407D12Rik
1458	1429899_at	0.005857	148.27	75.33	5730414N17Rik
1459	1439387_x_at	0.005866	897.17	621.43	2310061F22Rik
1460	1454826_at	0.005884	2312.97	1671.5	Zbtb11
1461	1449068_at	0.005891	2153.77	1614.67	Zfp148
1462	1438069_a_at	0.005894	453.17	339.97	Rbm5
1463	1416082_at	0.005896	12465.23	10859.87	Rab1
1464	1429585_s_at	0.005896	252.13	199	Mynn
1465	1418854_at	0.005899	1056.27	866.4	Birc2
1466	1433906_at	0.005899	1819.07	1130.63	4933402J24Rik
1467	1455242_at	0.00591	3811.17	3299.4	Foxp1
1468	1416488_at	0.005917	1411	913.33	Ccng2
1469	1453289_at	0.005923	330.07	203.87	Eif2c4
1470	1425508_s_at	0.005929	774.17	647.8	Arfrp1
1471	1448167_at	0.005933	411.1	258.3	lfngr1
1472	1456464_x_at	0.005944	5261.93	3449.87	Syt11
1473	1429441_at	0.005954	164.47	121.07	Fbxo30
1474	1448208_at	0.005957	1037.57	771.37	Smad1
1475	1442381_at	0.005966	87.7	57.17	Mkln1
1476	1436135_at	0.005968	642.13	463.8	Nlgn3
1477	1449429_at	0.005987	1389.07	1163.9	Fkbp1b
1478	1435196_at	0.005989	2198.03	1814.33	Ntrk2
1479	1416430_at	0.00599	1165.77	876.4	Cat
1480	1458134_at	0.005991	222.6	148.97	---
1481	1430137_at	0.006003	181.73	134.23	Map3k13
1482	1438606_a_at	0.006016	1557.47	1214.3	Clic4
1483	1433985_at	0.006019	6027.67	5378.37	Abi2
1484	1428433_at	0.006022	2401.1	1625.27	Hipk2
1485	1424033_at	0.006023	2167.73	1844.83	Sfrs7
1486	1418024_at	0.006024	873.9	564.5	Narg1
1487	1434831_a_at	0.006027	592.9	492.27	Foxo3a
1488	1455785_at	0.00604	3887.13	3192.07	Kcna1
1489	1438629_x_at	0.006042	1792.53	1381.43	Gm
1490	1439990_at	0.006057	1091.9	749.37	---
1491	1435179_at	0.006063	1919.2	1421.47	C130071C03Rik
1492	1434721_at	0.006066	967.97	769.9	D5ErtD585e
1493	1439862_at	0.006074	1769.7	1072.47	---
1494	1460005_at	0.006083	405.7	282.7	AF013969
1495	1442143_at	0.006102	359	306.67	Tmem16d
1496	1428355_at	0.006105	1594.57	1379.53	Osbp2
1497	1429431_at	0.00611	1016.97	775.43	Zfpn1a5
1498	1433752_s_at	0.006112	1569.9	1134.93	D030016E14Rik
1499	1455244_at	0.006114	1608.93	1296.37	Daam1
1500	1448499_a_at	0.006118	293.57	229.6	Ephx2

1501	1434569_at	0.00612	1047.4	820.1	AA474455
1502	1455368_at	0.006129	508.9	396.93	Zdhhc3
1503	1426753_at	0.006164	439.87	328.7	Phf17
1504	1449140_at	0.006164	401.77	314.07	Nudcd2
1505	1435241_at	0.006178	276.27	216.9	D930036F22Rik
1506	1427990_at	0.00618	1805.8	1103.27	Usp45
1507	1420003_at	0.006182	120.57	53.43	Nsun5
1508	1456088_at	0.006195	1031.43	852.7	Birc4
1509	1434173_s_at	0.006195	1494.47	1249.07	D19Bwg1357e
1510	1459366_at	0.006207	177.87	116	Rgmb
1511	1435404_at	0.006211	3255.43	2440.03	Disp2
1512	1439438_a_at	0.006223	2095.8	1500.63	1110005A23Rik
1513	1434882_at	0.006233	432.33	328.1	Mtdh
1514	1424949_at	0.00624	938.43	667.23	Ureb1
1515	1436915_x_at	0.006254	3503.83	1942.87	Laptm4b
1516	1434602_at	0.006259	615.5	433.8	Thrap2
1517	1455534_s_at	0.006267	692.73	558	Osbp11
1518	1428749_at	0.006293	5578.27	4566.87	Dmxl2
1519	1436313_at	0.0063	277.97	176.83	Scyl2
1520	1455026_at	0.006317	758.2	653.77	Sbno1
1521	1433675_at	0.006328	425.53	337.47	Rnu22
1522	1426477_at	0.00633	987.07	753.33	Rasa1
1523	1416187_s_at	0.006332	1122.73	689.37	Pnrc2
1524	1456485_at	0.006335	587.17	427.93	Npat
1525	1436028_at	0.006342	2637.67	2281.87	Tmem33
1526	1416692_at	0.006344	1074.6	865.77	Coil
1527	1433903_at	0.006354	697.2	434.63	AU021838
1528	1416610_a_at	0.00636	3361.57	2890.8	Clcn3
1529	1424420_at	0.006374	744.13	574.87	Ccpg1
1530	1434480_at	0.006375	517.1	396.77	4930402E16Rik
1531	1434061_at	0.006376	489.73	328.2	Rp2h
1532	1424922_a_at	0.006384	865.03	717.73	Brd4
1533	1426827_at	0.006388	1496.6	1052.47	A730098D12Rik
1534	1417791_a_at	0.006398	1404.87	1301.87	Zfml
1535	1460401_at	0.0064	1534.63	1162.1	2310050N11Rik
1536	1416185_a_at	0.006401	2458.37	1974.27	Adh5
1537	1460455_at	0.006401	3323.53	2390.4	1110059H15Rik
1538	1438510_a_at	0.006406	4396.67	3189.87	Hars
1539	1424501_at	0.006412	1029.2	775.43	4732497O03Rik
1540	1441391_at	0.006419	154.5	53.6	Gnb1l
1541	1436546_at	0.006423	491.17	417.27	6330549D23Rik
1542	1422835_at	0.006428	3983.87	2930.17	Kcnd2
1543	1460168_at	0.006441	1398.83	988.9	Slbp
1544	1444007_at	0.006456	378.8	226.73	A830082K12Rik
1545	1438794_x_at	0.006458	5881.67	3815.57	Rps13
1546	1439779_at	0.006462	2398.73	1851.93	---
1547	1418627_at	0.006464	977.97	758.5	Gclm
1548	1419067_a_at	0.006464	1171.57	945.3	Rabgef1
1549	1448515_at	0.006483	1270.97	985.33	Tsn
1550	1452731_x_at	0.006505	3345.53	2331.53	LOC544986
1551	1455187_at	0.006505	213.57	125.17	Zbtb40
1552	1440169_x_at	0.006511	145.93	109.83	lfnar2

1553	1433781_a_at	0.006521	2448.1	1655.73	Cldn12
1554	1437310_at	0.006524	697.2	484.87	Bbs1
1555	1446512_at	0.006539	103.07	58.53	2610312B22Rik
1556	1435227_at	0.00654	1481.8	978.23	---
1557	1438945_x_at	0.006543	4858.67	3129.57	Gja1
1558	1424443_at	0.006559	704.73	496.67	Tm6sf1
1559	1437124_at	0.006559	353.17	229.17	A630052C17Rik
1560	1426469_a_at	0.006567	552.8	433.37	Tbp
1561	1439106_at	0.006568	696.73	609.13	Zfp462
1562	1438415_s_at	0.00657	476.33	326.23	Yipf2
1563	1455700_at	0.006574	710.03	520.73	Mterfd3
1564	1437467_at	0.006575	2948.03	2083.27	Alcam
1565	1455409_at	0.006581	2004.5	1750.53	Spire1
1566	1418915_at	0.006584	507.3	339.7	1810037K07Rik
1567	1426683_at	0.006586	801.97	627.13	Cnot6
1568	1429976_at	0.006587	159.33	95.77	Clasp2
1569	1450493_at	0.006591	169.73	138.73	Gpr54
1570	1435590_at	0.006595	789.47	510.93	D430047L21Rik
1571	1455312_at	0.006597	1181.7	882.33	Phc3
1572	1426380_at	0.006598	3756.2	2841.3	Eif4b
1573	1452385_at	0.006598	422.1	262.83	Usp53
1574	1448388_a_at	0.006603	1633.47	1300.33	1110002B05Rik
1575	1428417_at	0.006606	2408.5	1590.07	3110050N22Rik
1576	1435668_at	0.006607	838.03	613.03	---
1577	1435769_at	0.006616	1112.83	875.97	Akap9
1578	1437920_at	0.006618	1176.23	935.37	Epha5
1579	1460567_at	0.006629	972.7	691.5	Rfxdc2
1580	1426894_s_at	0.006642	1611.47	1446.33	C230093N12Rik
1581	1449616_s_at	0.006648	693.53	528.43	Golga3
1582	1418157_at	0.006649	4899.87	3500.83	Nr2f1
1583	1433872_at	0.006651	468.93	336.57	2410042D21Rik
1584	1429984_at	0.006664	194.8	124.67	5730455O13Rik
1585	1433534_a_at	0.006667	2580.63	1623.57	Cct2
1586	1427157_at	0.006676	749.6	403.53	E030025D05Rik
1587	1455695_at	0.006684	1282.63	724.2	St8sia1
1588	1448425_at	0.006696	4254.7	3329.27	Eif3s10
1589	1460597_at	0.0067	336.4	232.03	Asxl2
1590	1447776_x_at	0.006703	9654.5	7703.33	Rab6
1591	1438268_at	0.006714	1436.43	825.97	Mnab
1592	1426900_at	0.006717	2418.73	1594.7	Jmjd1c
1593	1434746_at	0.006718	468.7	305.33	Mga
1594	1430154_at	0.006729	1131.13	999.7	4930543C13Rik
1595	1448611_at	0.006743	698.8	580.57	D8ErtD594e
1596	1455538_at	0.006744	5198.37	4004.33	6330403M23Rik
1597	1436326_at	0.006771	1900.4	1192.07	Rora
1598	1435170_at	0.006783	1904.03	1181.93	2310007F12Rik
1599	1417140_a_at	0.006797	687.03	476.07	Ptpn2
1600	1454136_a_at	0.006797	980.07	611.47	4921524J17Rik
1601	1444465_at	0.00682	70.9	22.4	Ube4b
1602	1456475_s_at	0.006823	2169.47	1879.4	Prkar2b
1603	1426748_s_at	0.006826	143.2	111.47	Abcf3
1604	1428724_at	0.00683	411.53	353.27	Pcf11

1605	1416426_at	0.006838	5899.13	5105.97	Rab5a
1606	1428731_at	0.006839	852.83	663.63	Usp54
1607	1456898_at	0.006841	1249.87	689.67	Pura
1608	1460736_at	0.006842	641.07	457.03	AF013969
1609	1433486_at	0.006846	3341.13	3049.3	Clcn3
1610	1432813_at	0.006847	968.7	510	2900064F13Rik
1611	1435060_at	0.006854	3818.93	2783.5	Tmod2
1612	1437219_at	0.006854	311.8	283.2	Igf1r
1613	1426461_at	0.006859	735.83	625.3	Ugp2
1614	1417321_at	0.006863	1078.27	869.3	D4Wsu132e
1615	1425334_at	0.006869	187.87	135.33	Gorasp1
1616	1427020_at	0.00687	887.4	605.57	Scara3
1617	1448288_at	0.006889	883.1	645.77	Nfib
1618	1425898_x_at	0.006895	1069.47	842.83	Olfm3
1619	1419406_a_at	0.006897	3078.1	2125.13	Bcl11a
1620	1438073_at	0.006898	148.03	105.5	---
1621	1415772_at	0.006906	420.13	237.73	Ncl
1622	1449749_s_at	0.006907	292.57	159.3	Tfb1m
1623	1418640_at	0.006915	508.77	302	Sirt1
1624	1435832_at	0.006918	1452.83	976	Lrrc4
1625	1424670_s_at	0.00692	746.93	634.07	Zfyve21
1626	1454725_at	0.006925	1539.43	1075.53	G430041M01Rik
1627	1420093_s_at	0.006931	2785.67	2632.17	Hnrpd1
1628	1416852_a_at	0.006972	16850.87	14653.43	Ncdn
1629	1429215_at	0.006976	361.47	257.27	2310058N22Rik
1630	1417135_at	0.006987	4604.47	3689.8	Srpk2
1631	1423781_at	0.006994	3124.43	2814.07	Appbp1
1632	1455883_a_at	0.006994	1827.4	1269.33	Lrrtm1
1633	1457566_at	0.006998	204.47	82.37	A830058L05Rik
1634	1434942_at	0.007003	1496.73	1165.53	2610101J03Rik
1635	1424848_at	0.00701	1964.37	1214.5	Kcnma1
1636	1436774_at	0.007014	2989.6	2365.07	Sel1h
1637	1434344_at	0.007019	1475.23	1193.47	Gpkow
1638	1442786_s_at	0.007021	9276.43	6505.43	D5Bwg0860e
1639	1416148_at	0.007022	2383.6	1878.77	Laptm4b
1640	1420429_at	0.007022	826.5	599.57	Pcdhb3
1641	1433767_at	0.007022	2181.5	2031.3	1110018G07Rik
1642	1435829_at	0.007033	468.13	316.43	B930008K04Rik
1643	1416861_at	0.007058	1523.07	1362.63	Stam
1644	1423460_at	0.007059	680.77	529.53	Perq1
1645	1428582_at	0.007062	663	583.3	2010208K18Rik
1646	1448785_at	0.007065	895.73	667.47	Cbfa2t1h
1647	1439901_at	0.007066	382.1	240.93	---
1648	1438739_at	0.007067	580.1	454.27	Cnbp1
1649	1453246_at	0.007078	1904.83	1422.9	Rab39b
1650	1434023_at	0.007088	781.37	561.37	AU016693
1651	1434607_at	0.007108	299.1	210.53	Ddx52
1652	1423564_a_at	0.007113	4257.43	3073.07	Paics
1653	1456320_at	0.007117	2673.13	1901.3	BC049806
1654	1452090_a_at	0.007122	823.33	604.27	Olfm3
1655	1452110_at	0.007129	458.3	317.57	Mtrr
1656	1420091_s_at	0.007137	584.8	372.47	Morc3



1657	1422638_s_at	0.007139	530.2	365.27	Rassf5
1658	1436503_at	0.00718	1659.3	1331.93	BC048546
1659	1437639_at	0.00718	1484	1162.1	3321401G04Rik
1660	1435382_at	0.007187	7663.43	6341.33	Ndn
1661	1441682_s_at	0.007192	1812.9	1657	Xpot
1662	1421849_at	0.007196	1981.9	1404.53	Stag2
1663	1418357_at	0.007204	4663.3	3381.93	Foxg1
1664	1415751_at	0.007208	4524.97	4151.47	Hp1bp3
1665	1434752_at	0.007212	268.17	182	Zfp207
1666	1416799_at	0.007215	1012.43	590.43	Trpm7
1667	1419583_at	0.007215	4792	3934.8	Cbx4
1668	1424464_s_at	0.00722	434.53	291.23	2210010L05Rik
1669	1438751_at	0.007236	332.33	209.97	Slc30a10
1670	1437511_x_at	0.007239	521.2	346.93	Clcc1
1671	1437744_at	0.007249	2218.1	1758.27	Slitrk4
1672	1424159_at	0.007251	297.5	150.63	1300010M03Rik
1673	1421883_at	0.007255	3306.8	2683.3	Elavl2
1674	1436762_x_at	0.007264	885.07	775.13	Elp3
1675	1417538_at	0.007266	585.03	482.7	Slc35a1
1676	1435846_x_at	0.007283	502.67	248.63	---
1677	1423736_a_at	0.007284	1042.47	757.63	Dym
1678	1419215_at	0.007297	288.77	123.03	Aox4
1679	1420514_at	0.007299	3058.27	2313.13	Tmem47
1680	1427167_at	0.007303	1415.1	1167.83	Al448196
1681	1419258_at	0.007309	3421.73	2721.13	Tcea1
1682	1440831_at	0.007313	526.7	397.5	6230421P05Rik
1683	1460430_at	0.007315	814.17	672.67	Rap2c
1684	1434176_x_at	0.007325	1447.37	1169	Poldip3
1685	1428418_s_at	0.00733	2903.23	2271.63	3110050N22Rik
1686	1456085_x_at	0.007331	676.5	523.43	Cd151
1687	1456904_at	0.007332	446.9	380.43	---
1688	1428483_a_at	0.00735	226.6	146.37	2610039C10Rik
1689	1429447_at	0.007352	512.3	304.37	Evc2
1690	1451364_at	0.007354	628.13	497.23	Polr3gl
1691	1457342_at	0.007368	314.37	230.77	---
1692	1417269_at	0.007369	3008.93	2540.23	Cdk9
1693	1422881_s_at	0.007383	994.7	536.37	Sypl
1694	1456423_at	0.007401	1162.47	798.63	Mbd5
1695	1438553_x_at	0.007403	226.5	152.57	4930453N24Rik
1696	1435774_at	0.007414	854.17	673.43	AV024533
1697	1426671_a_at	0.007418	2382.93	2036.23	Rnpc2
1698	1428891_at	0.007433	1780.37	1587.97	9130213B05Rik
1699	1455395_at	0.007449	377.93	203.7	4933425A18Rik
1700	1424780_a_at	0.007452	1249.23	913.47	D10Ucla1
1701	1454684_at	0.007452	601.43	430.77	Bbs7
1702	1418390_at	0.007459	584.93	453	Phf21a
1703	1424166_at	0.007461	404.13	293.37	Msh3
1704	1428935_at	0.007471	436.93	313.63	Canx
1705	1456728_x_at	0.007473	1358.27	647.83	Aco1
1706	1453364_x_at	0.007475	198.37	134.93	9130019O22Rik
1707	1448083_at	0.007483	2303.43	1821.07	A930012M17
1708	1418386_at	0.007484	1010.4	853.53	2510005D08Rik

1709	1452514_a_at	0.007485	842.17	601.63	Kit
1710	1435975_at	0.007501	1451.23	946.43	Al115600
1711	1440273_at	0.007504	130.73	85.37	LOC545753
1712	1423800_at	0.007522	1245.13	974.87	Dars
1713	1436759_x_at	0.007524	1185.1	806.67	Cnn3
1714	1436088_at	0.007527	3024.9	2362.03	0910001A06Rik
1715	1421853_at	0.007547	1844.5	1626.33	Psen1
1716	1436733_at	0.007553	699.47	541.3	E130309F12Rik
1717	1434875_a_at	0.007556	4371.2	3381.17	Hmgn3
1718	1422504_at	0.007559	5563.2	4693.43	Glrp
1719	1449001_at	0.00756	350.57	206.7	lvd
1720	1416257_at	0.00757	1050.37	914.13	Capn2
1721	1452388_at	0.007572	293.27	141.27	Hspa1a
1722	1456615_a_at	0.007603	1946.93	1357.9	Falz
1723	1438167_x_at	0.007604	966.13	639.73	Fln
1724	1427275_at	0.007608	460.6	227.03	Smc4l1
1725	1455351_at	0.007626	845.53	642	AU023006
1726	1451783_a_at	0.007647	6551.6	5975.77	Kifap3
1727	1439322_at	0.007647	1463.03	991.17	---
1728	1453481_at	0.007653	721.1	468.63	Zdhhc2
1729	1455728_at	0.007653	1461.67	1180.67	Pten
1730	1449371_at	0.007655	129.27	74.67	Harsl
1731	1424081_at	0.007671	782.27	599.9	Pcgf6
1732	1455816_a_at	0.007675	4555.5	3270.77	Kctd3
1733	1418275_a_at	0.007679	288.27	201.67	Elf2
1734	1433676_at	0.007682	3977.1	3313.9	Wnk1
1735	1423073_at	0.007691	5366.47	4814.03	Cmpk
1736	1438018_at	0.007694	2025.7	1661.17	Hook1
1737	1454814_s_at	0.007696	316.1	248.83	AU021838
1738	1456531_x_at	0.007708	7589.9	6146.47	Prp19
1739	1451179_a_at	0.007723	2506.03	1951.87	Qk
1740	1424139_at	0.007733	3299.17	2377.1	Rap1a
1741	1423195_at	0.00777	2233.93	1715.2	Hiat1
1742	1419170_at	0.007771	4307.23	3530.07	2310044D20Rik
1743	1426814_at	0.007773	894.07	727.87	AU024582
1744	1453782_at	0.007775	1174.67	753.43	3021401C12Rik
1745	1439057_x_at	0.007781	830.53	602.03	Zdhhc6
1746	1429781_s_at	0.00779	286.1	139.73	D3Erd789e
1747	1416953_at	0.007792	617.8	443.1	Ctgf
1748	1420485_at	0.007802	175.8	124.33	Nol7
1749	1448463_at	0.007806	2371.13	1848.83	4933434E20Rik
1750	1440350_at	0.007808	549.4	422.67	Panx2
1751	1451019_at	0.00781	873.83	706.83	Ctsf
1752	1424358_at	0.007823	2389.2	1933.2	Ube2e2
1753	1435526_at	0.007825	369.83	271.73	Tor1aip2
1754	1420798_s_at	0.007837	5580.07	4188.17	Pcdha4
1755	1457272_at	0.00784	734.33	602	---
1756	1434553_at	0.007843	1386.03	1055.5	Tmem56
1757	1452095_a_at	0.007851	581.03	412.77	H47
1758	1426949_s_at	0.007862	1682.23	1457.33	Tpr
1759	1417749_a_at	0.007864	2780.53	2239.77	Tjp1
1760	1423347_at	0.007864	4824.6	3456.7	Sec23a

1761	1429013_at	0.007874	4351.93	3921.1	2900002G04Rik
1762	1422467_at	0.007876	2506.9	1933.37	---
1763	1448229_s_at	0.007881	436.77	317	Ccnd2
1764	1455092_at	0.007882	983.83	622.9	Zfp207
1765	1423095_s_at	0.007888	2656.63	1990.2	Crbn
1766	1435469_at	0.007904	346.93	261.53	Qscn611
1767	1457015_at	0.007924	313.1	163.17	Nef3
1768	1456405_at	0.007933	929.1	731.9	Dido1
1769	1440630_at	0.007944	493.33	372.57	---
1770	1429383_at	0.007945	2324.67	1861.7	Csnk1g3
1771	1436217_at	0.007946	1488.6	1059.23	Zfp148
1772	1455496_at	0.007947	264.07	195.07	Pfas
1773	1424743_at	0.007948	399.67	309.63	2610003J06Rik
1774	1452331_s_at	0.007957	283.77	181.53	4732486I23Rik
1775	1431054_at	0.007959	1045.8	799.17	Lsm6
1776	1423083_at	0.007971	1215.4	927.17	Rab33b
1777	1436844_at	0.007974	3400.83	2289.37	---
1778	1430820_a_at	0.007983	341.2	253.63	Bbx
1779	1416145_at	0.007993	3686.83	2842.07	Dhx15
1780	1428312_at	0.007993	876.53	681.13	2810002D13Rik
1781	1426895_at	0.008002	1542.2	1145.8	Zfp191
1782	1436070_at	0.008002	1113.27	926.63	Glo1
1783	1428910_at	0.008016	2009.07	1693.57	2310022B05Rik
1784	1460053_at	0.008018	267.37	199.87	Smyd4
1785	1440859_at	0.00802	3610.1	3286.07	Akap6
1786	1416408_at	0.008021	2320.67	1967.43	Acox1
1787	1447849_s_at	0.008021	722.2	519.4	---
1788	1416938_at	0.008035	2272.03	1861.8	Chchd1
1789	1424402_at	0.008049	5056.67	4352.9	D5Bwg0860e
1790	1427959_at	0.008069	476.13	352.9	Abhd10
1791	1437071_at	0.008116	3048.47	2156.83	Eif1ay
1792	1417757_at	0.008121	645.2	543.5	Unc13b
1793	1423508_at	0.008128	1202.43	957.8	Myst4
1794	1424769_s_at	0.008142	689.9	428.3	Cald1
1795	1457494_at	0.008164	259.73	177.9	---
1796	1435335_a_at	0.008184	1186.4	903.73	MGC79224
1797	1452767_at	0.008197	909.67	795.93	Rrbp1
1798	1453000_at	0.008209	2504.67	2215	Camsap111
1799	1445684_s_at	0.008213	2832.23	2210.37	Hdac2
1800	1429403_x_at	0.008216	459.47	313.1	Glt8d2
1801	1433642_at	0.008219	827.97	713.73	Arfrp2
1802	1452982_at	0.008239	1782.73	1342.03	A330103N21Rik
1803	1415761_at	0.008249	819.5	761.23	Mrpl52
1804	1423295_at	0.008252	349.33	268.6	Tm9sf2
1805	1417872_at	0.008253	2451.47	2013.27	Fhl1
1806	1418893_at	0.008259	954.97	736.5	Pbx2
1807	1450784_at	0.008288	329.17	221.43	Reck
1808	1451113_a_at	0.00829	2645.33	2005.27	Ik
1809	1419914_s_at	0.008296	3231.5	2530.2	D10Erttd438e
1810	1418760_at	0.008302	621.97	486.87	Rdh11
1811	1431050_at	0.00831	317.13	149.4	Rps6ka5
1812	1429108_at	0.008313	862.67	528.43	Rnf184

1813	1440413_at	0.008334	346.87	179.77	A830006F12Rik
1814	1426582_at	0.008342	3107.87	2939.97	Atf2
1815	1427233_at	0.008346	1389.83	916.97	Sdccag33
1816	1418308_at	0.008356	410	316.1	Hus1
1817	1423796_at	0.008375	536.57	412.93	Sfpq
1818	1417710_at	0.008382	4058.17	3249.97	0610012D09Rik
1819	1416679_at	0.008389	2200.3	2028.3	Abcd3
1820	1440396_at	0.008408	76.67	22.53	Mpp6
1821	1424993_at	0.008436	1929.07	1487.9	8430410K20Rik
1822	1423322_at	0.008439	2118.77	1782.13	Lin7c
1823	1427253_s_at	0.008439	999.6	834.13	Suz12
1824	1438637_x_at	0.008459	2675.2	1521.73	Sf3b2
1825	1423171_at	0.008468	571.8	327.27	Gpr88
1826	1455988_a_at	0.008475	7492.97	6346.4	Cct6a
1827	1431822_a_at	0.00848	1974.07	1791.27	Azi2
1828	1427670_a_at	0.008492	1843.63	1308.3	Tcf12
1829	1455189_at	0.0085	1374.3	1002.2	8030451N04Rik
1830	1417410_s_at	0.008511	2210.2	1864.27	Prkci
1831	1416923_a_at	0.008521	2839.67	2356	Snip3l
1832	1429722_at	0.008533	1561.27	1185.73	Zbtb4
1833	1418565_at	0.008535	314.63	232.33	Serbp1
1834	1449979_a_at	0.008546	2018.5	1214.13	Spock3
1835	1451331_at	0.008565	895.47	694.83	Ppp1r1b
1836	1423599_a_at	0.008568	1065.1	771.9	Pdcl
1837	1428573_at	0.008575	1985.73	1398.43	Chn2
1838	1455570_x_at	0.008577	1205.63	881.4	Cnn3
1839	1456505_at	0.008582	766.8	546.07	Braf
1840	1435389_at	0.008596	4424.37	3537.87	Uba52
1841	1438407_at	0.008596	728.53	566.03	9330132E09Rik
1842	1428639_at	0.008597	99.1	68	Lin9
1843	1418843_at	0.008627	2968.5	2338.9	Slc30a4
1844	1428751_at	0.008628	791.37	615.8	Pacrg
1845	1429633_at	0.008643	832.83	620.77	A630025C20Rik
1846	1449876_at	0.008658	115.83	39.37	Prkg1
1847	1455317_at	0.008665	2661.53	1992.63	Epc2
1848	1433537_at	0.008672	5025.17	4140.87	4833408C14Rik
1849	1437239_x_at	0.008673	1310.5	1057.63	Phc2
1850	1453722_s_at	0.008679	2175.77	1874.47	Sfrs1
1851	1439086_at	0.008689	457.43	413.17	A930009L07Rik
1852	1428607_at	0.008706	1564.43	891.43	---
1853	1449061_a_at	0.008713	186.37	107.63	Prim1
1854	1416465_a_at	0.008729	6663.97	5160.03	Vapa
1855	1440177_at	0.008744	738.23	450.13	9.63E+17
1856	1433959_at	0.008751	1077.1	958	Zmat4
1857	1451237_s_at	0.008762	2373.5	1656.13	Rbm7
1858	1452854_at	0.008766	938.57	760.83	---
1859	1456130_at	0.008773	969.8	588.77	LOC553091
1860	1435163_at	0.008776	1730.57	1222.4	9030612M13Rik
1861	1434843_at	0.008806	3645.73	2502.33	A430041B07Rik
1862	1455486_at	0.008808	851.57	646.27	Pias1
1863	1435160_at	0.008809	704.87	443.47	1110064P04Rik
1864	1455063_at	0.008812	71.9	30.17	AW061290

1865	1428565_at	0.008813	1054.67	776.7	1300004G08Rik LOC545242
1866	1457133_at	0.008822	330.07	252.47	---
1867	1432144_a_at	0.008838	1496.53	1271.37	Rchy1
1868	1417057_a_at	0.008855	1741.07	1468.63	Ppid Lamp3
1869	1433726_at	0.008868	3159.5	2625.13	2310035C23Rik
1870	1434578_x_at	0.008873	5442.23	4402.57	Ran
1871	1436681_x_at	0.008889	1505.43	943.1	0610009D07Rik
1872	1433851_at	0.008904	1106.63	895.13	---
1873	1434099_at	0.008909	1172.7	1008.23	Casp7
1874	1426614_at	0.008916	2440.63	1850.7	Prkcbp1
1875	1438688_at	0.008918	4193.4	3227.53	Srrm2
1876	1421870_at	0.008927	6799.43	6343.73	Trim44
1877	1439824_at	0.008934	1810.7	1342.2	Chm
1878	1456499_at	0.008935	597.57	490.27	LOC552912
1879	1435164_s_at	0.008936	1997.17	1383.07	Ube1c
1880	1438106_at	0.008946	183.97	140.5	Pcdhb22
1881	1439459_x_at	0.008948	2106.53	1752.57	Acly
1882	1435307_at	0.008952	871.53	651.53	6430502M16Rik
1883	1439541_at	0.008998	707.73	582.5	4930414L22Rik
1884	1418512_at	0.009016	709.43	441.27	Stk3
1885	1436223_at	0.009022	2042.87	1226.83	Itgb8
1886	1426290_at	0.009024	441.77	303.37	1500031M22Rik
1887	1418737_at	0.009034	1259.2	815	Nudt2
1888	1448558_a_at	0.009041	124.73	63.47	Pla2g4a
1889	1424349_a_at	0.009042	5174	3866.07	Lpgat1
1890	1444811_at	0.009042	334.1	240.3	Tloc1
1891	1415799_at	0.009066	2576.57	2228.07	Wbp11
1892	1418152_at	0.00907	375.2	238.57	Nsbp1
1893	1428619_at	0.009077	1619.7	1229.23	2310005N03Rik
1894	1429021_at	0.009084	3909.53	2611.07	Epha4
1895	1428232_at	0.009085	738.4	615.53	Cpsf6
1896	1416129_at	0.009107	1044.97	845.17	Errfi1
1897	1438318_x_at	0.009107	733.67	489.23	1500001L15Rik
1898	1434625_at	0.009111	835.63	557.17	4930432O21Rik
1899	1416308_at	0.009112	955.3	707.8	Ugdh
1900	1435387_at	0.009113	4323.87	4056.9	A630029G22Rik
1901	1448667_x_at	0.009115	1030.37	743.83	Tob2
1902	1434590_at	0.009126	6061.63	4215.73	B230209C24Rik
1903	1425678_a_at	0.009135	902.7	751.83	Snrk
1904	1426777_a_at	0.009137	1393.47	1269.23	Wasl
1905	1416083_at	0.009138	7724.73	7002.1	Za20d2
1906	1446148_x_at	0.00914	776.53	518.2	C79248
1907	1450841_at	0.00914	364.37	302.47	Itm1
1908	1428772_at	0.009155	2163.53	1747.87	Xpot
1909	1451025_at	0.009157	4875.73	3847.4	Arl1
1910	1426741_a_at	0.00916	478.9	308.03	2810421I24Rik
1911	1454937_at	0.009164	1508.53	1036.4	B630005N14Rik
1912	1421374_a_at	0.00917	1003.7	834.93	Fxyd1
1913	1428368_at	0.009174	2598.97	1711.87	Arhgap21
1914	1419663_at	0.009176	346.83	222.77	Ogn
1915	1437749_s_at	0.009191	919.57	744.2	Mrpl9
1916	1419381_at	0.009195	317.6	207.37	Terf2ip

1917	1418025_at	0.009197	2023.23	1151.63	Bhlhb2
1918	1428119_a_at	0.009206	461	301.47	Rap2c
1919	1452281_at	0.009206	1009.57	583.17	Sos2
1920	1435714_x_at	0.009209	554.57	400.23	Il17d
1921	1437735_at	0.009211	3128.17	2597.63	Ppp1r12a
1922	1416181_at	0.009215	2028.2	1662.17	Mesdc2
1923	1439117_at	0.009222	576.43	406.1	Clmn
1924	1429222_at	0.009225	165.67	96.5	---
1925	1453077_a_at	0.009252	632.3	539.5	Snpc3
1926	1441973_at	0.009272	312.83	173.7	Zfp295
1927	1422649_at	0.009279	621.57	504.1	Cntn6
1928	1437172_x_at	0.009292	1852.3	1373.27	Hadhb
1929	1430561_at	0.0093	1968.63	1141.57	Dnajb14
1930	1427915_s_at	0.009346	2360.7	1914.73	Tceb1
1931	1457285_at	0.009346	806.27	626.3	Zfp187
1932	1424598_at	0.00936	1262.53	1003.03	Ddx6
1933	1421907_at	0.009378	720.53	460.13	Pparbp
1934	1436737_a_at	0.00938	1966.03	1144.83	Sorbs1
1935	1436552_at	0.009386	968	739.23	6430702L21Rik
1936	1454988_s_at	0.009411	894.6	748.33	Rab22a
1937	1455951_at	0.009415	1056.77	861.4	Mars
1938	1435173_at	0.009416	1007.8	626.2	Ate1
1939	1416095_x_at	0.009422	1914.8	1557.83	1110005A23Rik
1940	1437303_at	0.009427	654.83	406.27	Il6st
1941	1434676_at	0.009444	2119.8	1794.63	Mtmr9
1942	1437377_a_at	0.009449	808.1	582.67	Polrmt
1943	1455447_at	0.009465	3133.23	2586.73	D430019H16Rik
1944	1447936_at	0.009472	1134.8	814.93	2410006H16Rik
1945	1441598_at	0.009474	351.27	255.67	Tmeff2
1946	1420486_at	0.009476	2046.77	1532.07	Nol7
1947	1455925_at	0.009481	1059.23	627.07	Prdm8
1948	1420626_at	0.009489	689.93	554.9	2410016F19Rik
1949	1426361_at	0.009494	469.1	420.53	Zc3h11a
1950	1437284_at	0.009496	792.43	539.03	Fzd1
1951	1456699_s_at	0.009506	2499.23	1834.03	A730098D12Rik
1952	1453791_at	0.009519	1171.93	704.1	2810449C10Rik
1953	1450760_a_at	0.009521	303.97	243.43	Ing3
1954	1437830_x_at	0.009525	152.83	95.3	Zbed3
1955	1450773_at	0.009528	2233.27	1716.7	Kcnd2
1956	1426269_at	0.009536	2137.8	1662.7	Sybl1
1957	1435187_at	0.009537	3829.4	2918.3	Tomm20
1958	1435461_at	0.009545	1601.93	1326.8	Magi3
1959	1419108_at	0.009581	584.23	496.23	Ophn1
1960	1417434_at	0.009583	3799.63	3158.7	Gpd2
1961	1428529_at	0.009583	394.17	298.9	2810026P18Rik
1962	1429106_at	0.009584	1864.2	1320.53	4921509J17Rik
1963	1445549_at	0.009601	247.4	162.2	---
1964	1429137_at	0.009611	201.2	131.07	2810422O20Rik
1965	1452328_s_at	0.009633	3628.7	2480.33	Pja2
1966	1429411_a_at	0.009635	610.63	451.6	Eny2
1967	1437433_at	0.00965	288.3	182.73	B3galt2
1968	1422474_at	0.00966	3027.63	2541.07	Pde4b

1969	1452989_at	0.009661	2198.37	1586	2900009J20Rik
1970	1416926_at	0.009665	592.73	400.73	Trp53inp1
1971	1439748_at	0.009676	932.77	715.93	Dpp6
1972	1422505_at	0.009694	631.9	523.23	Chrac1
1973	1448333_at	0.009695	3020.6	2601.67	Adprh
1974	1428682_at	0.009714	864.97	538.53	Zc3h6
1975	1455468_at	0.009724	719.53	502.33	9330164H19Rik
1976	1456376_at	0.009729	195.87	116.47	---
1977	1434052_at	0.009735	5462	4547.6	AI593442
1978	1436900_x_at	0.009747	715.83	521.47	Leprot
1979	1450287_at	0.009755	365.5	246.2	Npas3 LOC544865 LOC546536
1980	1437329_at	0.009758	510.4	459.1	Ptplb
1981	1459854_s_at	0.009774	5202.37	3830.8	Tcte1l
1982	1426546_at	0.009775	214.13	133.23	Tesk2
1983	1428914_at	0.009784	895.5	744.67	2310014D11Rik
1984	1455240_x_at	0.009788	55.97	49.1	---
1985	1428512_at	0.009791	3105.9	2479.87	Bhlhb9
1986	1434310_at	0.009794	6427.83	5700.8	Bmpr2
1987	1426578_s_at	0.009796	558.23	357.83	Snapap
1988	1437400_at	0.009797	909.9	741.27	Nedd4l
1989	1451494_at	0.009804	3133.7	2345.03	Wac
1990	1448125_at	0.009813	2888.27	2323.6	Rit2
1991	1434628_a_at	0.009817	113.57	60.23	Rhpn2
1992	1416958_at	0.009838	7617.93	5252.17	Nr1d2
1993	1423050_s_at	0.009838	6165.33	5356.53	Hnrpu
1994	1425846_a_at	0.00984	1306.9	1028.93	Caln1
1995	1437350_at	0.009843	226.73	167.03	MGI:2179725
1996	1434556_at	0.009871	1935.03	1753.17	---
1997	1417252_at	0.00988	795.5	552.4	Nt5c
1998	1419662_at	0.009894	340.9	206	Ogn
1999	1417372_a_at	0.009907	927.63	755.97	Peli1
2000	1450941_at	0.009907	606.87	467.67	Sdcbp
2001	1434219_at	0.009935	1505.63	1258.27	Stim2
2002	1420127_s_at	0.009938	1105.7	946.27	Ccpg1
2003	1434207_at	0.009942	637.67	466.07	2900057K09Rik
2004	1429193_at	0.009953	1526.77	1290.8	Ankib1
2005	1437087_at	0.009955	3295.63	2964.6	---
2006	1428854_at	0.009956	1698.27	1361.53	Tmed8
2007	1416633_a_at	0.009985	1634.7	1082	5730536A07Rik
2008	1448635_at	0.009992	313.13	242.77	Smc2l1

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