

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

Monocular deprivation (4 days) plus IGF1 versus control

Upregulated

Significance criterion = 0.01

i	affyid	p	data	control	gene
1	AFFX-18SRNAMur/X00686_M_at	0.001479	5164.53	78.67	Man2b2 Pigf D230007K08Rik
2	AFFX-18SRNAMur/X00686_3_at	0.000103	18858	199.5	LOC385068
3	1449490_at	0.000002	589.77	334.43	Mbd4
4	1419442_at	0.000003	714.17	340.67	Matn2
5	1436824_x_at	0.000003	2129.87	1704.37	LOC545856
6	1428434_at	0.000007	1197.03	768.83	Zcchc12
7	1435767_at	0.000013	2524.27	1801.27	Scn3b
8	1438167_x_at	0.000013	1015.6	639.73	Flcn
9	1423848_at	0.000014	682.67	440.9	Mphosph6
10	1449303_at	0.000014	2580.17	1806.87	Sesn3
11	1455128_x_at	0.000015	866.37	562.2	Tnrc6a
12	1438971_x_at	0.000017	2494.07	1637.5	Ube2h
13	1455145_at	0.000018	1562.77	933.53	---
14	1422768_at	0.000021	823.9	575.07	Syncrip
15	1434790_a_at	0.000021	1489.43	1060.7	Lta4h
16	1420088_at	0.000022	3729.17	2573.03	---
17	1429201_at	0.000023	1277.1	991.27	Cyld
18	1436678_at	0.000023	542.73	371.33	---
19	1451254_at	0.000029	2607.43	1943.37	Ikbkap
20	1436350_at	0.000029	2007.5	1387.37	D430039N05Rik
21	1434283_at	0.000035	1123.67	692.7	Arid5b
22	1433488_x_at	0.000037	2540.03	1755.5	Gns
23	1449738_s_at	0.000042	479.8	423.07	Exosc8
24	1439616_at	0.000043	405.93	251.13	---
25	1460577_at	0.000043	1292.13	839.8	Jmy
26	1455940_x_at	0.000045	3941.93	2200.7	Wdr6
27	1417718_at	0.000047	3358.17	2982.53	Eif3s4
28	1449353_at	0.000049	2366.27	1940.57	Wig1
29	1419639_at	0.000054	1884.9	1177.43	Efnb2
30	1434141_at	0.000055	3795.33	2652.6	Gucy1a3
31	1424586_at	0.000057	1596.4	1277.97	Ehbp1
32	1455633_at	0.000059	464.6	338.9	Zfp647
33	1455398_at	0.000062	1137.63	767.97	Lrrc8c
34	1448434_at	0.000071	1955.37	1490.33	Rnf103
35	1423666_s_at	0.000072	1145.03	798.7	Rpl5
36	1448208_at	0.000073	1043.4	771.37	Smad1
37	1452974_at	0.000075	375.97	252.5	Nol8
38	1435749_at	0.000079	6612.23	5134.63	Gda
39	1436051_at	0.000081	4879.7	4415.23	9630007J19Rik
40	1429178_at	0.000082	2747.43	2356.3	Odz3
41	1460545_at	0.000083	1746.13	1324.2	Thrap3
42	1424223_at	0.000091	2896	2250.03	1700020C11Rik
43	1433593_at	0.000093	1690.1	1267.43	Ypel5
44	1420127_s_at	0.000093	1171.9	946.27	Ccpg1

45	1434539_at	0.000093	2056.93	1453.83	Lrrn3
46	1448788_at	0.0001	2844.53	2343.23	Cd200
47	1451145_s_at	0.000104	2946.97	2426.93	0610039A15Rik
48	1441224_at	0.000117	1125.8	804.43	---
49	1417719_at	0.000119	523.13	383.13	Sap30
50	1448708_at	0.000124	908.57	625.73	Pparbp
51	1437436_s_at	0.000124	1325.27	1008.07	Gprk6
52	1435025_at	0.000125	1633.07	1314.83	4930415J21Rik
53	1451113_a_at	0.000129	2504.5	2005.27	Ik
54	1435464_at	0.000129	2111.2	1618.13	1110003E01Rik
55	1426852_x_at	0.000132	6493.57	3603.03	Nov
56	1439464_s_at	0.000132	1661.87	1035.33	Tex10
57	1417702_a_at	0.000133	1187.3	648.1	Hnmt
58	1441640_at	0.000138	129.03	66.97	---
59	1436935_x_at	0.000141	8707.1	7201.47	Clns1a
60	1447788_s_at	0.000142	2093.7	1348.87	Tspyl3
61	1455665_at	0.000145	1603.47	1278.63	---
62	1440084_at	0.000146	635.17	431.33	---
63	1441937_s_at	0.000146	5352.2	4761.93	Pink1
64	1417984_at	0.000149	959.93	816.4	Ube2v2
65	1452908_at	0.000151	1927.87	1534.5	MGI:2385920
66	1434003_a_at	0.000152	737.27	438.37	Dhps
67	1438000_x_at	0.000154	3714	2431.4	Zfp622
68	1450928_at	0.000156	1882.63	1051.43	Id4
69	1440343_at	0.000157	676.03	424.83	Rps6ka5
70	1451998_at	0.000159	492.1	371.67	4930485D02Rik
71	1436833_x_at	0.00017	2956.93	2079.23	Tll1
72	1423144_at	0.000171	636.17	488.77	Pik3ca
73	1416041_at	0.000175	5184.03	2560.33	Sgk
74	1454752_at	0.000177	848.77	566.4	Al606861
75	1418304_at	0.000178	242.27	87.67	Pcdh21
76	1428287_at	0.000179	821.47	622	Cul5
77	1439768_x_at	0.00018	1056.77	780.4	Sema4f
78	1434429_at	0.000181	2973.37	1548.9	Syt16
79	1434688_x_at	0.000183	1614.03	1390.43	Drg1
80	1417948_s_at	0.000184	1147.2	849.43	Ilf2
81	1448863_a_at	0.000185	946.87	667.33	Tnfaip1
82	1458802_at	0.000185	1945.77	1280.2	Hivep3
83	1437466_at	0.00019	2848.57	2098.13	Alcam
84	1456464_x_at	0.000191	5931.73	3449.87	Syt11
85	1435203_at	0.000193	2022.33	1539.97	Man2a2
86	1415948_at	0.000196	837.33	576	Creg1
87	1454782_at	0.000196	3274.63	2520.9	Bai3
88	1423159_at	0.000197	2225.27	1826.23	Dld
89	1423069_at	0.0002	5457.9	4690.5	Adnp
90	1444615_x_at	0.0002	746.93	411.8	Cbfa2t1h
91	1454809_at	0.000203	2435.4	1664.47	Ncoa7
92	1435818_at	0.000206	515.2	352.63	---
93	1436407_at	0.000208	866.83	680.9	9430069J07Rik
94	1417508_at	0.000211	1592.73	1209.73	Rnf19
95	1451310_a_at	0.000217	6312.07	4589.7	Ctsl
96	1418330_at	0.000219	1588.83	1199.97	Ctcf

97	1418505_at	0.000225	5713.2	5031.1	Nudt4
98	1434565_at	0.000227	796.53	609.43	Cgrrf1
99	1455584_at	0.000227	2318.2	1605.57	Sdf4
100	1434581_at	0.000232	1874.33	1359.7	---
101	1417960_at	0.000233	622.97	513.93	Cpeb1
102	1429615_at	0.000234	3273.67	2852.7	Zfp91
103	1423817_s_at	0.000235	2367.07	1736.67	2010315L10Rik
104	1454699_at	0.000235	1659.67	1030.33	Sesn1
105	1434260_at	0.000237	910	731.07	Fchsd2
106	1422624_at	0.000243	558.43	417.67	Rev1l
107	1429167_at	0.000244	482.4	304.17	8430438M01Rik
108	1416709_a_at	0.000247	1157.4	964.93	Ngrn
109	1436390_a_at	0.000248	512.9	311.87	Clcc1
110	1427167_at	0.000249	1499.83	1167.83	Al448196
111	1421048_a_at	0.00025	1080.13	844.5	Ypel1
112	1424642_at	0.000252	886.03	655.57	Thoc1
113	1426999_at	0.000259	2352.73	1943	2700069A02Rik
114	1438320_s_at	0.00026	559.2	414.37	Mcm7
115	1458112_at	0.000266	751	583.7	Adarb2
116	1438211_s_at	0.000268	3606.23	1988.83	Dbp
117	1423687_a_at	0.00027	1641.57	1136.6	Man2c1
118	1454969_at	0.000271	1119.57	687.4	E130115E03Rik
119	1433668_at	0.000274	2805.6	2105.53	Pnrc1
120	1428715_at	0.000277	1633.77	1294.97	2810423A18Rik
121	1434766_at	0.000279	1324.03	937.6	Prkaa2
122	1440545_at	0.00028	847.93	419.63	---
123	1438610_a_at	0.000282	414.6	330.63	Cryz
124	1438654_x_at	0.000286	2388.9	1846.03	Mmd2
125	1422880_at	0.000287	1919.6	1360.13	Sypl
126	1449616_s_at	0.00029	773.27	528.43	Golga3
127	1451131_at	0.000297	3693.63	2544.83	Arl6ip1
128	1452159_at	0.000298	1939.77	1349.3	2310001A20Rik
129	1422607_at	0.000299	1533.17	1019.2	Etv1
130	1416131_s_at	0.000311	2080.03	1344.77	C920006C10Rik
131	1424683_at	0.000314	2515.1	1967.27	1810015C04Rik
132	1417515_at	0.000315	547.87	425.93	Lsm10
133	1428529_at	0.000322	481.13	298.9	2810026P18Rik
134	1434558_at	0.000323	3308.33	2922.43	Wdr47
135	1435416_x_at	0.000324	3209.1	2557.93	Pigg
136	1437527_x_at	0.000328	2464.4	1663.63	Mcl1
137	1429022_at	0.000331	1646.9	1210.77	Adcyap1r1
138	1445202_at	0.000343	2231.23	1787.17	---
139	1416499_a_at	0.000346	3038.53	1527.6	Dctn6
140	1423791_at	0.000346	1964.57	1608.23	lk
141	1436424_at	0.000346	522.3	348.4	1600020E01Rik
142	1440359_at	0.000347	293.77	233.07	1700012H17Rik
143	1428684_at	0.000357	350.27	278.43	---
144	1455089_at	0.000364	1581.97	1264.7	Gng12
145	1429940_at	0.000365	878.5	609.53	Cdc73
146	1426380_at	0.000366	4067.9	2841.3	Eif4b
147	1420870_at	0.000369	715.77	493.97	Mlt10
148	1424634_at	0.00037	1986.83	1518.17	Tceal1

149	1424200_s_at	0.000371	1631.43	1300.7	Seh11
150	1443790_x_at	0.000377	700.7	436.3	4930414L22Rik
151	1426877_a_at	0.000378	1685.7	1041.4	2610016F04Rik
152	1424588_at	0.000384	4031.37	3059.53	Srgap3
153	1418401_a_at	0.000385	464.2	321.63	Dusp16
154	1436624_at	0.000388	4076.13	3269.67	Dnm3
155	1434735_at	0.00039	2961.83	1897.9	Hlf
156	1417424_at	0.000391	1623	1191.73	Ier3ip1
157	1450642_at	0.000395	3560.83	2199.77	3110001I20Rik
158	1429002_at	0.000398	2196.63	1306.37	Skiip
159	1436917_s_at	0.0004	715.73	414.5	Gpsm1
160	1440822_x_at	0.0004	844.83	519.83	Reps1
161	1434676_at	0.000401	2282.97	1794.63	Mtmr9
162	1455389_s_at	0.000401	1760.77	1386.53	2310051F07Rik
163	1427192_a_at	0.000413	894.43	673.5	Brd8
164	1452716_at	0.000416	3954.07	2795.47	5730469M10Rik
165	1455409_at	0.000416	2354.73	1750.53	Spire1
166	1450712_at	0.000428	2677.27	1851.37	Kcnj9
167	1451076_s_at	0.000436	1990.37	1555.93	Ga17
168	1454785_at	0.000438	998.57	870.63	Dusp11
169	1456509_at	0.000444	1011	563.2	1110032F04Rik
170	1448909_a_at	0.000451	3784.2	2869.23	Mrpl39
171	1423831_at	0.000452	722.47	610.37	Prkag2
172	1434087_at	0.00046	418.17	325.73	Mthfr
173	1434462_at	0.000466	322.27	213.3	BC088983
174	1434674_at	0.000471	1096.1	780.9	Lyst
175	1424674_at	0.000473	1902.6	1229.6	Slc39a6
176	1448405_a_at	0.000473	9393.43	7086.83	Cri1
177	1439244_a_at	0.000474	1480.57	1024.1	Tnrc6a
178	1422486_a_at	0.000478	3333.03	2703.13	Smad4
179	1428377_at	0.00048	708.07	519.4	Btbd11
180	1435478_at	0.000481	2321.03	1514.3	Wdr26
181	1450376_at	0.000483	3430	2809	Mxi1
182	1434890_at	0.000489	5455.4	4596.53	Opa1
183	1424677_at	0.00049	482.67	353.57	Cyp2j9
184	1452155_a_at	0.000491	5565.9	4634.63	Ddx17
185	1447277_s_at	0.000491	6468.97	4925.5	Pcyox1
186	1455165_at	0.000492	1735.17	1220.6	Rora
187	1434011_a_at	0.000499	2315.9	1698.2	1110055N21Rik
188	1435821_s_at	0.000503	853.9	504.77	Ppp1r8
189	1440953_at	0.000507	108.1	50.23	1700096K18Rik
190	1448400_a_at	0.000508	573.5	330.7	Smarcd2
191	1448526_at	0.000508	2889.87	2470.97	Kpnb1
192	1429129_at	0.000515	309.37	215.63	Lrrcc1
193	1422886_a_at	0.000516	1024.87	713.63	Clk4
194	1440215_at	0.000516	634.3	482.23	C130086A10
195	1434645_at	0.000518	992.63	737.97	C530008M17Rik
196	1437524_x_at	0.000518	1834.37	1542.43	Coro7
197	1460038_at	0.000523	1030.87	779.97	Pou3f1
198	1423956_at	0.00053	3405.57	2870.1	Smad1
199	1440880_at	0.000534	759.57	593.4	Mppe1
200	1433767_at	0.000539	2302.77	2031.3	1110018G07Rik

201	1448972_at	0.000547	3176.4	2474.6	Gria1
202	1419406_a_at	0.000548	3189.1	2125.13	Bcl11a
203	1428656_at	0.00055	1432.07	1175.23	Rnasen
204	1455437_at	0.000551	2510.8	1683.37	BC033915
205	1428219_at	0.000553	2788.97	2098	Rybp
206	1435028_at	0.000558	5995.1	4535.8	Wdr7
207	1455047_at	0.000562	1459.23	1110.8	Fbxo3
208	1434521_at	0.000568	1055.43	800.23	Rfxdc2
209	1440825_s_at	0.000572	946.4	530.27	Ccdc28a
210	1459838_s_at	0.000584	1140.27	798.47	Btbd11
211	1423819_s_at	0.000587	6112.67	4225.67	Arl6ip1
212	1418594_a_at	0.000589	3384.43	2614.67	Ncoa1
213	1434692_at	0.00059	779.57	480.27	1110034B05Rik
214	1426851_a_at	0.000596	6019.07	3069.07	Nov
215	1456377_x_at	0.000596	3040.1	2123.77	0610025L06Rik
216	1424824_at	0.000597	915.13	710.9	9630044O09Rik
217	1448111_at	0.000611	803.1	621.5	Ctps2
218	1426628_at	0.000617	4269.33	3300.73	Tmem34
219	1451669_at	0.000624	5742.4	4506	Ppm1b
220	1425484_at	0.000625	623.4	320.07	Tox
221	1452734_at	0.000625	2474.53	2039.03	Rnaset2
222	1419668_at	0.000628	1591.57	1141.97	Sgcb
223	1422695_at	0.000628	4048.8	3097.07	Ttyh1 Taf1
224	1452945_at	0.000629	665.9	575.53	2610020C11Rik
225	1422638_s_at	0.000634	652.73	365.27	Rassf5
226	1451499_at	0.000636	4427.7	3684.33	Cadps2
227	1429723_at	0.00064	2637.57	2254.6	6330409N04Rik
228	1454687_at	0.000642	2058.33	1533.67	Lrfn5
229	1418183_a_at	0.000644	1897.73	1423.33	Pscd1
230	1426925_at	0.000646	302.03	197.7	Mnab
231	1415841_at	0.000648	2858.1	2237.73	Dncic2
232	1439117_at	0.000651	598.7	406.1	Clmn
233	1448702_at	0.000652	1963.47	1603.33	Ier3ip1
234	1443960_at	0.000652	1337.8	1127.1	---
235	1417848_at	0.000657	1429.6	1222.07	MGI:2180715
236	1436941_at	0.000668	476.03	365.7	Gm1752
237	1428570_at	0.00067	450.93	383.2	Ccnc
238	1436027_at	0.00067	536.97	431.17	Osbpl11
239	1456393_at	0.000671	4448.83	3082.57	2310002J21Rik
240	1421840_at	0.000675	2220.1	1076.23	Abca1
241	1452870_at	0.000688	379.57	183.33	Apaf1
242	1447894_x_at	0.000692	768.23	506.87	Vps52
243	1426961_at	0.000695	1932.47	1378.43	Phf20
244	1455507_s_at	0.000696	1163.57	800.63	D8Erttd587e
245	1434389_at	0.000702	1064.67	937.17	---
246	1455161_at	0.000704	1949.7	1390.83	AI504432
247	1438295_at	0.000706	335.07	159.23	Glcci1
248	1434704_at	0.000707	2733.43	2456.23	---
249	1434392_at	0.00071	2948.43	2277.73	Usp34
250	1417182_at	0.000711	1057.4	868.7	Dnaja2
251	1455729_at	0.000715	3542.17	2947	Gnaq
252	1427923_at	0.000719	1359.2	996.57	Zmpste24

253	1436135_at	0.00072	702.27	463.8	Nlgn3
254	1449123_at	0.000722	456.7	306.4	Itih3
255	1437163_x_at	0.000724	634.97	417.5	Gtf2h4
256	1429047_at	0.000727	1618.4	1182.53	Rtf1
257	1452937_s_at	0.000728	745.67	501.5	Ccdc28b
258	1453473_a_at	0.000732	2988.8	2273.17	Tctex1
259	1451222_at	0.00074	2232.33	1707.53	Btf3l4
260	1435266_at	0.000743	2112.5	1417.03	9330112M16
261	1418942_at	0.000747	888.17	647.27	Ccdc2
262	1424394_at	0.000749	2090.63	1826.83	MGI:2149786
263	1441258_at	0.000749	150.2	85.13	AF529169
264	1454805_at	0.000753	1554.4	1310.67	Wtap
265	1439107_a_at	0.000755	1819.93	1125.7	Mill5
266	1456056_a_at	0.000762	3367.57	2678	D6Wsu116e
267	1415855_at	0.000766	2622.77	1450.07	Kitl
268	1451984_at	0.000772	2246.53	1858.53	Hnrpu1
269	1439271_x_at	0.000774	3022.3	2103	Ik
270	1433501_at	0.000777	1322.27	1107.67	Ctso
271	1435021_at	0.000779	8109.13	6898.07	Gabrb3
272	1423073_at	0.000787	5702.77	4814.03	Cmpk
273	1428561_at	0.00079	3031.93	2507.83	2610002J23Rik
274	1433564_at	0.000798	1279.73	1087.97	Dgkd
275	1437556_at	0.000798	127.8	75.8	Zfmx4
276	1423671_at	0.000804	4114.97	2847.17	Dner
277	1448527_at	0.000808	2854.1	2276.23	Pdcd10
278	1438976_x_at	0.000809	1098.7	617.37	Mat2a
279	1451019_at	0.00081	1202.3	706.83	Ctsf
280	1415981_at	0.000812	2042.03	1535.87	5031400M07Rik
281	1449628_s_at	0.000817	4318.7	3316.67	Stard7
282	1424670_s_at	0.000826	801.1	634.07	Zfyve21
283	1451264_at	0.000828	1144.83	870.7	Frmf6
284	1424604_s_at	0.000836	376.2	240.27	Sumf1
285	1436441_at	0.000839	387.17	202.37	---
286	1443779_s_at	0.000842	777.17	614.1	A630025C20Rik
287	1423236_at	0.000847	1152.9	808.97	Galnt1
288	1415929_at	0.000849	8381.6	7391.57	Map1lc3b
289	1454673_at	0.00085	709.77	555.6	Wasf2
290	1440148_at	0.00085	299.53	147.17	Gpr6
291	1427432_a_at	0.000852	2962.83	2130.33	Sfrs10
292	1435529_at	0.000853	328.27	260.23	lfit3
293	1421882_a_at	0.000858	5642.07	4696.43	Elavl2
294	1428930_at	0.00086	566.07	342.7	6330540D07Rik
295	1455334_at	0.00086	626.3	398.83	C85843
296	1455333_at	0.00087	1660.3	1091.97	Tns3
297	1434384_at	0.000873	2068.47	1490.33	Nrip1
298	1417438_at	0.000875	1397.5	1226.13	Rdh14
299	1417707_at	0.000876	1103.97	657.83	B230342M21Rik
300	1416919_a_at	0.000882	223.33	149.03	Nphp1
301	1435160_at	0.000882	725.23	443.47	1110064P04Rik
302	1417471_s_at	0.000883	2568	1910	D1Ertf622e
303	1440910_at	0.000883	1773.77	1335.23	---
304	1438969_x_at	0.000886	2375.27	1722.57	Dhx30

305	1436088_at	0.000886	2904.63	2362.03	0910001A06Rik
306	1454930_at	0.000888	969.2	855.9	Lrrc35
307	1428334_at	0.000893	2398.97	1844	Ostm1
308	1434073_at	0.000893	2866.23	2315.1	Gprasp2
309	1460455_at	0.000895	3447.3	2390.4	1110059H15Rik
310	1443830_x_at	0.000896	1568.83	1017.53	Rnf103
311	1435698_at	0.000903	995.03	832.77	4921505C17Rik
312	1421750_a_at	0.000905	4007.67	2908.57	Vbp1
313	1435968_at	0.000906	7180	6085.2	---
314	1452332_at	0.000907	1012.2	646.27	E030025D05Rik
315	1424283_at	0.000908	2818.37	1922.03	Jtb
316	1448397_at	0.000914	2191.33	1404.03	Gjb6
317	1427640_a_at	0.000922	717.27	467.97	Cbfa2t1h
318	1424872_at	0.000924	763.13	597.87	2310001H12Rik
319	1438018_at	0.000925	2196.23	1661.17	Hook1
320	1435694_at	0.000927	1690.9	1117.27	Arhgap26
321	1434620_s_at	0.000934	1801.57	1296	2610024E20Rik
322	1434313_at	0.000934	534.3	265.27	6330407D12Rik
323	1426345_at	0.000939	10826.4	9895.83	Prepl
324	1421088_at	0.00094	326.87	171.97	Gpc4
325	1435991_at	0.000941	557.93	367.37	Nr3c2
326	1448368_at	0.000947	1834.03	1553.23	Dctn6
327	1425914_a_at	0.00095	2076.07	1771.8	Armcx1
328	1422725_at	0.000952	170.73	96.63	Mak
329	1435187_at	0.000957	3977.43	2918.3	Tomm20
330	1418025_at	0.000958	2443.47	1151.63	Bhlhb2
331	1423374_at	0.00096	1552.53	1246.63	Ncoa6
332	1441178_at	0.000963	102.77	65.1	Dtwd2
333	1456243_x_at	0.000972	2017.83	1328.7	Mcl1
334	1435805_at	0.000974	4433.97	3240.27	Lin7a
335	1415708_at	0.000975	2203.23	1843.07	Al316828
336	1416267_at	0.000981	2849.7	2002	Scoc
337	1457252_x_at	0.000982	298.23	192.4	Pld2
338	1438941_x_at	0.000988	1213.23	939.93	Ampd2
339	1415915_at	0.000989	3390.27	3013.1	Ddx1
340	1448993_at	0.000996	3530.07	3039.53	Atg3
341	1421756_a_at	0.000998	1016.8	731.93	Gpr19
342	1457302_at	0.000998	159.73	103.97	Slc20a2
343	1452664_a_at	0.001002	967.93	724.93	Tm7sf3
344	1459853_x_at	0.001005	576.67	421.8	BC031781
345	1417857_at	0.001012	441	296.47	Mmaa
346	1426905_a_at	0.001013	1884.43	1356.53	Dnajc10
347	1435343_at	0.001018	564.2	460.97	Dock10
348	1416408_at	0.001027	2450.27	1967.43	Acox1
349	1426884_at	0.001027	3343.77	2819.87	1110007A06Rik
350	1449023_a_at	0.001028	946	644.8	Ezh1
351	1452765_at	0.00103	909.7	661.4	Slc39a9
352	1448595_a_at	0.001036	8971.5	6247.6	Rex3
353	1451989_a_at	0.001043	18535.9	9632.9	Mapre2
354	1433855_at	0.001045	3584.73	2984	Abat
355	1426775_s_at	0.001046	5560.7	4973.57	Scamp1
356	1456795_at	0.001046	363.4	277.87	D330027G24Rik

357	1429220_at	0.001047	546.4	392.57	2810443J12Rik
358	1449001_at	0.001049	377.4	206.7	lvd
359	1440153_at	0.001059	1703.97	1336.17	---
360	1417535_at	0.001064	1974.57	1569.53	Fbxo25
361	1434877_at	0.001069	5954.13	4332.7	Nptx1
362	1417409_at	0.001072	1327.4	979.03	Jun
363	1460558_at	0.001072	1830.23	1432.57	Gm631
364	1427185_at	0.001079	2937.13	2504.6	Mef2a
365	1452896_at	0.001081	1478.1	1059.03	Gtl3
366	1449583_at	0.001083	598.43	454.43	Pcdhb20
367	1436422_at	0.001085	577.8	426.9	BC026590
368	1457568_at	0.001086	1943.37	1482.47	C230004L04
369	1455244_at	0.001089	1549.5	1296.37	Daam1
370	1418116_at	0.001093	1165.57	957.77	MGI:1929890
371	1436200_at	0.001093	723.07	463.23	Lonrf3
372	1449197_at	0.001095	465.7	305.37	2310040A13Rik
373	1434875_a_at	0.001098	4311.7	3381.17	Hmgn3
374	1433552_a_at	0.001116	2792.7	2234.23	Polr2b
375	1455521_at	0.001117	1154.8	835.53	Klf12
376	1452189_at	0.001119	3686.07	1764.37	9430077D24Rik
377	1438531_at	0.001119	322.73	185.73	A730054J21Rik
378	1433924_at	0.00112	5262.67	4071.93	Peg3
379	1426827_at	0.001121	1367.13	1052.47	A730098D12Rik
380	1435630_s_at	0.001124	2210.77	1768.5	Acat2
381	1422798_at	0.001126	1184.73	1011.5	Cntnap2
382	1422692_at	0.001128	3390.87	2558.77	Sub1
383	1417369_at	0.001141	1271.23	1033.8	Hsd17b4
384	1420376_a_at	0.001142	4362.8	3519.23	H3f3b
385	1452975_at	0.001142	305.13	60.3	Agxt2l1
386	1423335_at	0.001149	2917.4	2411.33	1110004F10Rik
387	1418030_at	0.001154	361.53	210.57	Slco3a1
388	1418883_a_at	0.001156	6385.1	5128.2	Pabpc1
389	1451190_a_at	0.001161	1450.03	819.17	Sbk1
390	1454609_x_at	0.001164	1116.97	646.97	6430527G18Rik
391	1448765_at	0.00117	1614.57	1299.37	Fyn
392	1416046_a_at	0.001174	870.77	670.23	Fuca2
393	1424189_at	0.001178	640.73	555.7	Pigc
394	1435524_at	0.001178	2570.53	2149.4	---
395	1424697_at	0.001187	704.87	518.07	Dtwd1
396	1456480_at	0.001187	2233	1862.3	9330186A19Rik
397	1440413_at	0.001189	327.8	179.77	A830006F12Rik
398	1424413_at	0.001193	2660.17	2032.83	Ogfrl1
399	1433702_at	0.001196	1489.07	1118.17	D19Wsu12e
400	1426924_at	0.001198	4858.43	3391.67	Mnab
401	1433969_at	0.001199	594.03	349.03	AU067824
402	1423641_s_at	0.001201	3568.4	2719.2	Cnot7
403	1424466_at	0.001206	1297.17	1120.1	lpo9
404	1428154_s_at	0.001209	818.13	602.73	Ppapdc1
405	1445124_at	0.001211	1107.07	738	A930009L07Rik
406	1438413_at	0.001218	882.27	551.67	Senp7
407	1436182_at	0.001225	2320.67	1681.6	Satb1
408	1452000_s_at	0.001225	2900.97	2133.07	Sars1

409	1438637_x_at	0.001226	2749.67	1521.73	Sf3b2
410	1428756_at	0.001226	1153.1	916.23	Aasdhppt
411	1436661_at	0.001232	1285.83	1135.17	Dpp10
412	1422418_s_at	0.001233	1820.87	1632.1	Supt4h1 Supt4h2
413	1437143_a_at	0.001234	2145.23	1573.47	Txndc1
414	1448365_at	0.001235	1573.17	1361.3	Exosc7
415	1451237_s_at	0.00124	2383.03	1656.13	Rbm7
416	1437007_x_at	0.001242	1592.4	1368.2	Usp39
417	1452239_at	0.001245	723.23	531.33	Gt(ROSA)26Sor
418	1429054_at	0.001247	1166.43	883.87	Mrpl47
419	1422505_at	0.001249	681.93	523.23	Chrac1
420	1415940_at	0.00125	3050.2	2333.83	Zfand2a
421	1459843_s_at	0.001255	1076.3	725.2	Smad1
422	1440231_at	0.001256	4359.93	3378.83	5330427D05Rik
423	1426361_at	0.001258	553.2	420.53	Zc3h11a
424	1438930_s_at	0.001259	1884.87	1180.77	Mecp2
425	1423672_at	0.001264	800.93	590.5	2510042P03Rik
426	1452193_a_at	0.001267	4513.7	3297.33	Wasl
427	1440179_x_at	0.001267	802.03	626.33	LOC268291
428	1439389_s_at	0.001269	2234.17	1675.2	Myadm
429	1456798_at	0.001271	271.13	196.43	9330118A15Rik
430	1426271_at	0.001277	613.1	491.7	Smc5l1
431	1454941_at	0.001277	2300.7	1374.7	Nmt1
432	1429081_at	0.001289	2890.83	2176.9	2600014C01Rik
433	1436982_at	0.001292	1352.9	1190.1	Tnrc6b
434	1435786_at	0.001294	1012.13	782.2	Klhl12
435	1424714_at	0.001301	1466.5	1049.57	Aldoc
436	1436459_at	0.001301	385.43	170.9	---
437	1444690_at	0.00131	1371.03	1140.6	Epha5
438	1417323_at	0.001314	663.53	479.87	Psrc1
439	1428525_at	0.001318	5050.3	4094.47	4930488B01Rik
440	1419165_at	0.001327	2130.33	1469.93	Zfp260
441	1454730_at	0.001334	1437.27	1173.93	4932414K18Rik
442	1455823_at	0.001335	697.13	567.03	Bbs4
443	1423975_s_at	0.001336	828.13	643.33	Numa1
444	1437382_at	0.001341	1986.27	1558.87	Acvr2a
445	1437749_s_at	0.001341	960.47	744.2	Mrpl9
446	1430596_s_at	0.001345	99.07	44	1700110N18Rik
447	1452251_at	0.001351	6443.83	5207.43	Nbea
448	1440022_at	0.001354	88.03	71.6	Poldip3
449	1427280_at	0.001361	5577.5	4332.63	Scn2a1
450	1439014_at	0.001365	1263.1	747.93	A430031N04
451	1425262_at	0.001373	682.47	584.47	Cebpg
452	1417351_a_at	0.001381	1286.57	1041.6	Snrpa1
453	1418887_a_at	0.001398	1094.83	859.2	D11Wsu99e
454	1450937_at	0.001398	2269.07	1682.7	Lin7c
455	1439843_at	0.001399	2874.23	2328.5	Camk4
456	1449445_x_at	0.001409	1651.7	1172	Mfap1
457	1423931_s_at	0.001412	2342.37	2029.47	Anapc4
458	1452973_at	0.001414	2813.47	2275.4	Ppm1k
459	1438630_x_at	0.001419	2897.2	1994.03	Mat2a
460	1416557_a_at	0.001423	2025.47	1543.4	Eftud2

461	1452869_at	0.001424	556.67	432.07	Prpf38b
462	1434191_at	0.001426	273.77	204.8	A530016O06Rik
463	1435632_at	0.001436	628.33	419.6	1110001M19Rik
464	1418854_at	0.001438	1082.63	866.4	Birc2
465	1436546_at	0.001449	535.53	417.27	6330549D23Rik
466	1434937_at	0.001454	6115.37	5144.67	Phr1
467	1415796_at	0.001466	4131.37	3499.8	Dazap2
468	1450350_a_at	0.001469	1789.9	1711.67	MGI:1932093
469	1460580_at	0.001471	1574.6	1244.67	Pcnx
470	1455222_a_at	0.001472	1959.47	1267.9	Ubp1
471	1416271_at	0.001476	277.5	145.03	Perp
472	1434285_at	0.001476	1028.43	698.53	Frmd4a
473	1421870_at	0.001481	7100.8	6343.73	Trim44
474	1423570_at	0.001481	1197.6	1075.57	Abcg1
475	1441682_s_at	0.00149	1954.37	1657	Xpot
476	1421074_at	0.001493	877.03	566.47	Cyp7b1
477	1447320_x_at	0.001495	3644.1	2579.6	Rpo1-3
478	1455503_at	0.0015	301.23	183	Zfp85-rs1 6820416H06Rik
479	1452106_at	0.001501	2217.23	1843.43	Npnt
480	1437503_a_at	0.001506	4553.53	3976.1	MGI:1915044
481	1428651_at	0.001514	1352.63	1077.03	Klhl24
482	1435196_at	0.001519	2432.8	1814.33	Ntrk2
483	1421594_a_at	0.001531	2412.43	1975.83	Sytl2
484	1436920_at	0.001541	688.33	338.3	Pcdh17
485	1452771_s_at	0.001541	3508.43	2873.13	Acsl3
486	1455150_at	0.001541	665.47	429.9	---
487	1437624_x_at	0.001544	2624.43	2228.7	Nudt16l1
488	1438652_x_at	0.001546	2443.3	2099.73	Pigq
489	1416129_at	0.001553	1258.73	845.17	Errfi1
490	1456310_a_at	0.001555	475.5	255.97	2610002J02Rik
491	1438782_at	0.001566	332.2	240.97	Cntn4
492	1449181_at	0.001568	1670.93	1286.5	Fech
493	1455534_s_at	0.001569	796.13	558	Osbpl11
494	1428368_at	0.00157	2790.63	1711.87	Arhgap21
495	1448584_at	0.001573	668.5	516.23	Rsrc1
496	1453849_s_at	0.001583	2647.1	2482.77	Hnrpab
497	1429749_at	0.00159	923.8	712.5	9330180L21Rik
498	1439189_at	0.001591	553.77	402.27	D630023B12Rik
499	1417129_a_at	0.001592	1315.2	900.67	Mrg1
500	1447904_s_at	0.001594	3556.17	2720.43	Fnta
501	1434582_at	0.001599	4411.07	3826.27	D14Erd171e
502	1428453_at	0.001603	1217.77	925.53	4930487N19Rik
503	1416244_a_at	0.001606	9198.5	7549.33	Cnbp1
504	1444256_at	0.001615	95.43	60.07	Rae1
505	1428380_at	0.001617	2264.07	1844.7	0610007C21Rik
506	1437377_a_at	0.00162	810.37	582.67	Polrmt
507	1416181_at	0.001622	1962	1662.17	Mesdc2
508	1448379_at	0.001631	432.67	324.97	Pot1
509	1434446_at	0.001637	527.23	317.23	D630014A15Rik
510	1449679_s_at	0.001643	1808.17	1415.47	Stx5a
511	1435424_x_at	0.001645	669.93	393.87	---
512	1453593_at	0.001646	194.57	56.97	1700110N18Rik

513	1424463_at	0.001649	3851.23	3232.53	2210010L05Rik
514	1452996_a_at	0.001653	229.07	186.27	Aven
515	1449373_at	0.001668	192.1	107.27	Dnajc3
516	1451214_at	0.001672	2076.63	1825.5	Kbtbd2
517	1456036_x_at	0.001673	1077.8	605.77	Gsto1
518	1440273_at	0.001675	150.73	85.37	LOC545753
519	1449444_a_at	0.001676	1445.13	1091.93	Mfap1
520	1420427_a_at	0.00168	899.77	673.6	Dhx32
521	1460345_at	0.00168	416.87	291.4	2610208M17Rik
522	1417196_s_at	0.001683	545	317.33	D8ErtD594e
523	1455720_at	0.001684	331.27	169.63	Adamts2
524	1434395_at	0.00169	3158.1	2372.9	Man1a2
525	1452740_at	0.001692	5551.3	4838.67	Myh10
526	1419927_s_at	0.001695	1489.47	1230.23	Rabif
527	1439024_at	0.001703	1574.77	1336.57	---
528	1435362_at	0.001704	3160.2	2554.9	Foxj3
529	1447720_x_at	0.001734	4458.77	3062.13	Prkaca
530	1459897_a_at	0.001736	880.43	535.57	MGI:2446326
531	1454617_at	0.001737	1004.63	540.7	Arrdc3
532	1456015_x_at	0.00174	5588.9	4825.43	Ndufv1
533	1439435_x_at	0.001747	2067.87	1367.2	Pgk1
534	1435746_at	0.001749	1629.37	1275	Srpk2
535	1443847_x_at	0.001751	565.9	454.6	---
536	1437935_at	0.001752	40.47	18.97	4930486G11Rik
537	1428252_at	0.001755	1832.93	1364.27	Chmp2b
538	1452953_at	0.001755	1510.17	1083.57	1810036I24Rik
539	1429251_at	0.001761	455.47	255.27	Prdm2
540	1447693_s_at	0.001761	2306.7	1651.5	Neo1
541	1455007_s_at	0.001768	653.73	471.53	Gpt2
542	1434996_at	0.001768	1192.1	823.67	Slc25a16
543	1438835_a_at	0.00177	3766.53	3023.6	Eftud2
544	1416814_at	0.001771	1527.47	1109.07	Tia1
545	1427882_at	0.001771	336.93	261.67	4930588M11Rik
546	1436357_at	0.001776	287.43	225.63	---
547	1437009_a_at	0.001779	2773.33	2071.77	Zfp364
548	1436004_at	0.001783	620.03	464.63	Usp27x
549	1426712_at	0.001788	2428.83	1714.03	Slc6a15
550	1438629_x_at	0.001794	1918.3	1381.43	Grn
551	1439527_at	0.001801	2025.77	1308.3	BB114106
552	1426698_a_at	0.001803	1011.37	673.63	Hnrpm
553	1452981_at	0.001809	9126.37	7808.9	Cntn1
554	1421664_a_at	0.001814	609.17	462.43	Styx
555	1420711_a_at	0.001823	1062.87	760.63	Pxmp3
556	1435260_at	0.001823	1985.2	1590.87	---
557	1451077_at	0.001826	1599.4	950.33	Rpl5
558	1415916_a_at	0.001827	927.57	603.03	Mthfd1
559	1452371_at	0.001842	3348.5	2793.27	Sfrs11
560	1426930_at	0.001844	2980.2	2086.57	Bruno14
561	1420477_at	0.001848	2898.67	2308.23	Nap111
562	1423134_at	0.001852	1031.03	853.3	BC003324
563	1454109_a_at	0.001864	359.1	307.07	Ptdsr
564	1451566_at	0.001867	462.27	377.8	BC005471

565	1439906_at	0.001885	1649.9	914.73	---
566	1443327_at	0.001886	1173.87	877.07	D130043K22Rik
567	1417765_a_at	0.0019	402.43	226.97	Amy1
568	1423043_s_at	0.001903	8419.3	6670.87	Ddx3x
569	1450344_a_at	0.001906	180	79.63	Ptger3
570	1451434_s_at	0.001906	778.47	586.77	5430405G24Rik
571	1457260_at	0.001909	2232	1642.47	---
572	1435705_at	0.001913	488.57	393.63	LOC232875
573	1436301_at	0.001928	639.7	451.9	Ripk5
574	1444956_at	0.001931	1235.27	1000.7	---
575	1435174_at	0.001937	1038.07	686.23	Rsb1
576	1453310_at	0.001938	194.67	135.03	Ppil6
577	1437773_x_at	0.00194	7307.87	5698.13	Ddx17
578	1437696_at	0.001945	297.1	204	BC049807
579	1455377_at	0.001945	4845.9	4257.23	4921517B04Rik
580	1435350_at	0.00196	225.6	138.6	Traf6
581	1420859_at	0.001962	3851.07	2459.8	Pkia
582	1424393_s_at	0.001962	375.4	266.3	Adhfe1
583	1436684_a_at	0.001962	263.57	217	Riok2
584	1422302_s_at	0.001965	4656.97	4016.57	Ftl1 Ftl2
585	1438728_at	0.001966	241.3	190.63	Nif3l1
586	1417647_at	0.001969	1322.53	783.73	Snx5
587	1418357_at	0.001973	4344.4	3381.93	Foxg1
588	1451783_a_at	0.001978	6982.4	5975.77	Kifap3
589	1455014_at	0.001979	2884.83	2038.23	AV009015
590	1436034_at	0.001989	552.13	325.7	Rab1
591	1460430_at	0.001989	761.53	672.67	Rap2c
592	1419829_a_at	0.001991	645.23	412.93	---
593	1434736_at	0.001993	4542.73	2656.77	Hlf
594	1436948_a_at	0.002	372.7	188.27	6430550H21Rik
595	1432360_a_at	0.002005	285.23	212.23	4930403J22Rik
596	1434161_at	0.002012	809	589.3	5830457H20Rik
597	1423216_a_at	0.002013	1902.03	1629.03	2510049I19Rik
598	1439971_at	0.002013	2533.33	1646.53	6330439K17Rik
599	1435748_at	0.002025	7480.63	6143.07	Gda
600	1455925_at	0.002025	1041.77	627.07	Prdm8
601	1427982_s_at	0.002032	263.63	201.33	Syne2
602	1438975_x_at	0.002033	805.27	558.83	Zdhhc14
603	1453421_at	0.002048	2155.13	1715.1	Srr
604	1435430_at	0.002049	2312.73	1877.7	Tmem1
605	1436951_x_at	0.002049	2272.43	1868.13	Txndc9
606	1453070_at	0.002053	583.8	368.93	Pcdh17
607	1417974_at	0.00207	1861.57	1212.63	Kpna4
608	1417919_at	0.002079	2196.93	1842.17	Ppp1r7
609	1432144_a_at	0.00208	1627.57	1271.37	Rchy1
610	1460555_at	0.002084	1793.63	1242.97	6330500D04Rik
611	1424532_at	0.002085	938.67	812.03	Ylpm1
612	1448743_at	0.002089	2350.03	1815.33	Ssx2ip
613	1423902_s_at	0.002095	3107.2	2674.17	Arhgef12
614	1428138_s_at	0.002096	5500.87	4647.67	Arl10c
615	1455706_at	0.002098	309.43	102.5	Stxbp4
616	1433666_s_at	0.002104	3887.73	3263.47	Vps41

617	1450095_a_at	0.002108	980.13	690.1	Acyp1
618	1434352_at	0.002135	1050.47	776.57	B630005N14Rik
619	1435846_x_at	0.002137	411.17	248.63	---
620	1455184_at	0.002139	601.4	448.9	B230364F10
621	1455695_at	0.002141	1291.03	724.2	St8sia1
622	1423470_at	0.002142	3599.53	3034.4	Ptbp2
623	1428792_at	0.00215	4083.63	3163.53	Bcas1
624	1423870_at	0.002166	1096.93	905.73	2610208M17Rik
625	1433925_at	0.00217	3365.97	2482.57	Dncllc2
626	1436114_at	0.002178	777.07	609.07	G630064H08Rik
627	1433453_a_at	0.002183	423.33	205.3	Abtb2
628	1427256_at	0.002185	369.5	239.07	Cspg2
629	1420046_s_at	0.002189	2658.63	1970.87	Maf1
630	1449506_a_at	0.002199	1702.57	1368.77	Eef1d
631	1442180_at	0.002206	451.67	284.73	Dleu7
632	1450410_a_at	0.002229	476.6	358.53	4930570C03Rik
633	1435092_at	0.002235	950.07	645.33	Arl4
634	1437080_s_at	0.002251	6472.83	4995.5	Psmc11
635	1438931_s_at	0.002251	1779.13	803.53	Sesn1
636	1426815_s_at	0.002253	1141.3	902.03	AU024582
637	1437351_at	0.002261	1125.83	838.6	Cxxc4
638	1435801_at	0.002262	1223.73	1025.37	Fcmd
639	1433738_at	0.002265	1545.73	1254.27	5730445M16Rik
640	1441305_at	0.002268	1291.37	1012.47	Nedd4l
641	1433534_a_at	0.002269	2740.63	1623.57	Cct2
642	1436681_x_at	0.002276	1465.1	943.1	0610009D07Rik
643	1455600_at	0.002283	591.37	402.43	Rps3
644	1435170_at	0.002298	1735	1181.93	2310007F12Rik
645	1448252_a_at	0.002302	6406.17	5404.57	Eef1b2
646	1451587_a_at	0.002304	1484.83	1282.47	Tiprl
647	1428369_s_at	0.002307	3065.63	1850.77	Arhgap21
648	1423259_at	0.002311	2462.97	1660.63	Id4
649	1457587_at	0.002334	2097.63	1489.37	Kcnq5
650	1434245_a_at	0.002339	336.9	243.3	Cybasc3
651	1451980_at	0.00234	3430.9	2682.1	MGI:2384865
652	1423215_at	0.002343	3471.07	2850.23	Spcs2
653	1415788_at	0.002345	1736.27	1541.73	Ublcp1
654	1455496_at	0.002347	267.03	195.07	Pfas
655	1428854_at	0.002351	1728.13	1361.53	Tmed8
656	1418754_at	0.002363	843.5	702.67	Adcy8
657	1455249_at	0.002364	1657.77	1277.9	Slc36a4
658	1450053_at	0.002374	2798.07	2538.23	Kif2a
659	1440849_at	0.002383	6449.17	5197.03	6330417G04Rik
660	1457423_at	0.002389	2675.8	1984.73	A930012M17
661	1434860_at	0.002397	666.03	499.9	Narg3
662	1440187_at	0.002403	266.23	216.1	Taf3
663	1440759_at	0.002405	3175.7	2616.4	---
664	1436426_at	0.002407	512.47	331.13	5730509K17Rik
665	1434497_at	0.002422	1577.67	1107.33	---
666	1435304_at	0.002424	495.33	343.37	Sod1
667	1428793_at	0.002425	738.5	585.43	Slc36a1
668	1417872_at	0.002429	2698.6	2013.27	Fhl1

669	1449354_at	0.002429	3348.23	2473.5	U2af1-rs1
670	1418815_at	0.002442	4122.2	3337.2	Cdh2
671	1454074_a_at	0.00245	2654.03	1992.43	1500011J06Rik
672	1451931_x_at	0.002452	796.67	738.53	H2-D1
673	1417051_at	0.002455	2945.2	1572.5	Pcdh8
674	1450072_at	0.002459	1521.03	1148.53	Ash11
675	1434098_at	0.002468	263.5	160.43	Gira2
676	1423197_a_at	0.00247	559.93	381.7	AW011752
677	1426248_at	0.002471	1676.53	1265.57	Stk24
678	1438250_s_at	0.002488	3716.3	2594.57	Taf9 LOC545600
679	1442075_at	0.00251	512.9	336.07	AI314604
680	1456833_at	0.002517	1301.63	775.13	Gpr17
681	1441945_s_at	0.00252	820.67	577.13	Abhd14a
682	1428725_at	0.002532	1022.33	756.57	Pias2
683	1433725_at	0.002538	5694.97	4414.3	Acvr1b
684	1452669_at	0.002546	2175.7	1741.7	2810012G03Rik
685	1438628_x_at	0.00255	1240.33	594.93	Cntn3
686	1448819_at	0.002553	986.93	783.1	Eif2s2
687	1456381_x_at	0.002559	1242.8	808.03	Mcl1
688	1455446_x_at	0.002566	782.47	564.07	Acadsb
689	1416165_at	0.002567	2102.5	1800.73	Rab31
690	1439732_at	0.002571	813.6	579.8	---
691	1416111_at	0.002573	396.53	276.8	Cd83
692	1455362_at	0.002577	330.63	248.97	Angel2
693	1417941_at	0.002583	1874.87	1579.87	Hdhd4
694	1425287_at	0.002588	234.1	71.4	Zfp189
695	1419111_at	0.002592	1347.13	1162.7	Ing1l
696	1443849_x_at	0.002596	1988.7	1497.07	Urod
697	1453731_a_at	0.002599	932.57	769.23	Tmem77
698	1453782_at	0.002601	1165.33	753.43	3021401C12Rik
699	1435554_at	0.002603	1082.2	706.7	Tmcc3
700	1419375_at	0.002614	1991.33	1679.8	Wbp4
701	1442371_at	0.002623	572	404.83	1110048D14Rik
702	1426675_at	0.002627	5786.23	4537.17	Tomm70a
703	1451542_at	0.002629	2398.5	1583.33	Ssbp2
704	1424680_at	0.002632	181.03	105.6	BB146404
705	1436844_at	0.002632	3206.03	2289.37	---
706	1424015_at	0.002633	9539.37	8364.27	Rab6ip1
707	1417253_at	0.002634	1092.73	886.43	Frg1
708	1447223_at	0.002636	492.87	282.6	---
709	1434397_at	0.00264	2965.97	2713.4	Zdhhc17
710	1450431_a_at	0.002641	5934.03	5069.93	Nedd4
711	1426976_at	0.002647	2342.4	2002.7	Usp47
712	1433724_at	0.002649	1073.3	832.53	D15Ert621e
713	1437511_x_at	0.002654	497.33	346.93	Clcc1
714	1460595_at	0.002658	551.23	380.33	---
715	1423171_at	0.002661	614.53	327.27	Gpr88
716	1425458_a_at	0.002668	980.73	803.23	Grb10
717	1448104_at	0.002684	1767.43	922.03	Aldh6a1
718	1434187_at	0.002685	1049.6	755.73	AI849156
719	1460168_at	0.002695	1406.6	988.9	Slbp
720	1429938_at	0.002696	2632.27	1968.37	A930009E05Rik

721	1435880_at	0.002701	1689.27	1535.57	E430012K20Rik
722	1434598_at	0.00271	3125.7	2540.53	Larp5
723	1423310_at	0.002721	411	284.9	Tpbg
724	1424324_at	0.002727	411.03	263.47	Esco1
725	1434474_at	0.002729	1523.23	1319.27	Abca5
726	1452984_at	0.002739	1329.13	1070.13	5730405I09Rik
727	1448269_a_at	0.002751	775.93	452.33	Klhl13
728	1460324_at	0.002759	1220.23	1002.13	Dnmt3a
729	1424707_at	0.002768	3870.13	3240.63	Tmed10
730	1437027_x_at	0.002768	5502.33	4753	Rnps1
731	1434111_at	0.002778	1382.43	1086.63	Lphn2
732	1420095_s_at	0.002789	527.07	359.47	Zipro1
733	1443856_at	0.002789	1175	995.17	Rabep1
734	1416221_at	0.002793	982.3	575.8	Fstl1
735	1436909_at	0.002812	2078.9	1613.17	B430110G05Rik
736	1425678_a_at	0.002829	1007.33	751.83	Snrk
737	1443986_at	0.002829	269.87	197.5	Cdc73
738	1422685_at	0.002831	924.93	736.93	Sec8l1
739	1455696_a_at	0.002839	875.13	609	Prpf4b
740	1434931_at	0.002842	1498.4	1269.63	Neo1
741	1437480_at	0.002848	344.43	205.57	1110001A07Rik
742	1435308_at	0.002852	5258.73	3203.83	Fut9
743	1429642_at	0.002853	223.5	130.3	Anubl1
744	1455928_x_at	0.002865	2833	2354.1	Lztr1
745	1441165_s_at	0.002865	4045.8	3381.37	Clstn2
746	1452763_at	0.002868	2361.43	1846.13	Nipa1
747	1457246_at	0.002868	1110.13	669.87	Rai16
748	1428210_s_at	0.002872	428.9	306.5	Chuk
749	1456610_at	0.002877	462.97	226.4	Jmjd3
750	1435277_x_at	0.002879	8593.1	4651.63	Nme1
751	1416344_at	0.00288	748.4	586.67	Lamp2
752	1436479_a_at	0.002883	592.23	398.5	Dpp7
753	1415794_a_at	0.002884	4987.83	4100.1	Spin
754	1435176_a_at	0.002889	5730.07	4104.03	Id2
755	1416555_at	0.002897	4161.17	3533.63	Ei24
756	1449668_s_at	0.002898	1625.9	1248.1	A730024A03Rik
757	1422855_at	0.002902	918.77	728.97	Cpsf3
758	1419462_s_at	0.002907	1593.33	1375.43	Gtl3
759	1445703_at	0.002907	342.8	172.5	Al848149
760	1438415_s_at	0.002908	429.27	326.23	Yipf2
761	1426260_a_at	0.002909	256.67	91.4	Ugt1a2 Ugt1a6a
762	1456681_at	0.002911	340.17	239.5	---
763	1456748_a_at	0.002914	1332.23	936.9	Nipsnap1
764	1447623_s_at	0.00292	350.2	231.53	---
765	1424784_at	0.002924	72.87	32.77	1700029I01Rik
766	1450386_at	0.002926	2521.9	2314.83	Kpna3
767	1425682_a_at	0.002927	1441.23	1007.03	1810034M08Rik
768	1454643_at	0.002937	672	552.37	Ubap2l
769	1434354_at	0.002937	602.63	449.23	Maob
770	1416812_at	0.002943	1931.6	1438.47	Tia1
771	1420486_at	0.002944	1818.47	1532.07	Nol7
772	1422787_at	0.002944	221.53	158.37	Fkbp1

773	1460716_a_at	0.002953	1674.27	1201.23	Cbfb
774	1437194_x_at	0.002963	505.27	336.57	1200011O22Rik
775	1434378_a_at	0.002969	947.53	737.8	Mxd4
776	1460631_at	0.00297	4996.63	3638.53	Ogt
777	1444611_at	0.00297	199.93	130.1	---
778	1438688_at	0.002973	4605.63	3227.53	Srrm2
779	1436645_a_at	0.002975	671.23	539.03	Cnot4
780	1424723_s_at	0.002978	1082.87	608.83	Cstf3
781	1452833_at	0.00298	7336.93	5648.6	Rapgef2
782	1456038_at	0.002981	798.13	598.73	Fbxl4
783	1456567_x_at	0.002985	1360.8	993.3	Grn
784	1452114_s_at	0.002987	2602.07	2097.53	Igfbp5
785	1451974_at	0.002993	2033.4	1787.5	Osbpl2
786	1434184_s_at	0.003007	1275.93	966.73	9430080K19Rik
787	1438619_x_at	0.003008	2508.17	1756.33	Zdhhc14
788	1429159_at	0.003009	995.23	688	4631408O11Rik
789	1443119_at	0.003009	2700.3	1992.73	Grm7
790	1448248_at	0.003025	4724	3884.3	Crk
791	1428963_at	0.003027	1363.13	1048.23	Rwdd2
792	1434717_at	0.003032	1549.13	1317.5	Cul3
793	1434773_a_at	0.003034	2459.47	1976.7	Slc2a1
794	1428471_at	0.003038	2947.47	2034.37	Sorbs1
795	1434864_at	0.003038	1724.43	1287.1	Nipa1
796	1452713_a_at	0.00304	873	444.7	Wdr57
797	1445897_s_at	0.00304	142.43	88.6	Ifi35
798	1426949_s_at	0.003041	1698.53	1457.33	Tpr
799	1436363_a_at	0.003042	7905.33	6269.23	Nfix
800	1454879_s_at	0.003043	564.83	423.47	1700052N19Rik
801	1426979_at	0.003058	467.4	337.7	AW228700
802	1417783_at	0.003066	837.03	652.3	Als2
803	1447825_x_at	0.003069	4847.93	2283.03	Pcdh8
804	1420609_at	0.003073	3646.23	2880.97	7-Mar
805	1421292_a_at	0.003081	1263.8	1112.97	A730008L03Rik
806	1418656_at	0.003092	786.63	548.7	Lsm5
807	1419636_at	0.003103	197.3	122.63	4833420G17Rik
808	1452268_at	0.003104	941.87	739.57	2810485I05Rik
809	1421019_at	0.003105	1634.07	1219.5	1700021F05Rik
810	1436213_a_at	0.003106	70.6	31.2	C430010P07Rik
811	1448468_a_at	0.003114	1811.8	1463.47	Kcnab1
812	1436853_a_at	0.003116	10347.2	7289.8	Snca
813	1416731_at	0.003124	2417.03	1596.17	Top2b
814	1447669_s_at	0.003124	643.83	498.97	Gng4
815	1456516_x_at	0.003136	857.87	565.87	Uap1
816	1428731_at	0.003144	919.13	663.63	Usp54
817	1433910_at	0.003145	1564.37	1291.07	Zcchc6
818	1449702_at	0.003159	1104	711.97	Zfand2a
819	1435542_s_at	0.003162	1000.73	767.63	Cttnbp2nl
820	1455554_at	0.003162	4920.3	4080.47	A830039N20Rik
821	1416260_a_at	0.003167	1049.67	864.83	Snx1
822	1450063_at	0.003175	1634.9	1379.83	Fmn2
823	1435209_at	0.00318	519.97	458.67	BC057079
824	1415806_at	0.003184	1106.07	841.07	Plat

825	1454973_at	0.003185	1165.77	817.9	Atf7ip
826	1457272_at	0.003193	774.9	602	---
827	1416185_a_at	0.003205	2498.17	1974.27	Adh5
828	1415673_at	0.003206	973.37	767.83	Psph
829	1460315_s_at	0.003207	2136.83	1582.97	Tbk1
830	1460736_at	0.003207	674.83	457.03	AF013969
831	1454846_at	0.003235	606.4	471.63	Utp15
832	1423105_a_at	0.003239	1511.77	1427.13	Yeats4
833	1426722_at	0.00325	3597.07	2450.9	Slc38a2
834	1415947_at	0.003251	947.4	811.03	Creg1
835	1454136_a_at	0.003252	1022.3	611.47	4921524J17Rik
836	1435662_at	0.003253	513.03	331.13	2610020O08Rik
837	1440691_at	0.003262	317.07	216.77	Cyp2j6
838	1456423_at	0.003276	1085.9	798.63	Mbd5
839	1416146_at	0.003281	1481.73	1184.03	Hspa4
840	1450950_at	0.003284	1002	679.73	Cspg6
841	1428772_at	0.003285	2298.9	1747.87	Xpot
842	1435576_at	0.003285	613.2	478.9	AW413774
843	1437364_at	0.003287	272.5	221.57	Coq3
844	1452249_at	0.003296	3413.87	2754.77	Prickle1
845	1451342_at	0.003299	726.7	532	Spon1
846	1440325_at	0.003305	630.93	483.37	---
847	1447993_a_at	0.003309	582.67	397.8	1700026B20Rik LOC546548
848	1444071_at	0.003317	166.77	122.6	9630013A20Rik
849	1438982_s_at	0.003319	549.27	400.43	2810417J12Rik
850	1451519_at	0.003324	1525.53	1126.57	Rnf2
851	1459874_s_at	0.00333	1723.03	1399.7	Mttr4
852	1452918_at	0.003332	1557.93	1201.97	D19Erdt737e
853	1452731_x_at	0.003334	3428.63	2331.53	LOC544986
854	1428416_at	0.003336	3179.53	2277.8	3110050N22Rik
855	1439010_at	0.003338	971.17	791.37	D330037H05Rik
856	1454802_x_at	0.003339	2079.73	1424	Arih2
857	1429504_at	0.00334	526.77	261.53	Rnpc3
858	1433561_at	0.003344	2482.07	1670.83	Centb2
859	1423241_a_at	0.003347	1287.4	1028.27	Tfdp1
860	1434422_at	0.003353	1257.37	926.97	AI428479
861	1415700_a_at	0.003362	3856.63	3408.4	Ssr3
862	1425194_a_at	0.003367	2405.67	1912.6	6330577E15Rik
863	1416156_at	0.003379	1135.87	890.9	Vcl
864	1455323_at	0.00338	552	421.93	MGI:1927369
865	1456026_at	0.00339	229.5	181.77	8030451K01Rik
866	1428845_at	0.003397	2867.47	2337.6	Bclaf1
867	1429004_at	0.003406	1543.2	1098.2	Phip
868	1428351_at	0.003408	428.47	202.7	Ppm1m
869	1430515_s_at	0.00341	757.13	579.7	Aasdhppt
870	1450066_at	0.003418	1208.1	1072.23	Ubr1
871	1422669_at	0.003421	1202.4	961.53	Ebag9
872	1434404_at	0.003441	2042.53	1525.63	C030011O14Rik
873	1436775_a_at	0.00345	2017.07	1733.03	Ankrd17
874	1441879_x_at	0.003454	210.6	141.83	Mktn1
875	1434314_s_at	0.003458	2357.4	1614.9	Rab11fip5
876	1427271_at	0.00346	209.97	163.4	Btbd15

877	1452952_at	0.00346	4048.93	2927.6	9030418K01Rik
878	1454876_at	0.003468	546.13	385.57	Rab23
879	1419176_at	0.003476	550.83	417.2	Vps37a
880	1434493_at	0.003481	413.97	268.67	1810022K09Rik
881	1419420_at	0.003485	1403	1192.93	St6galnac5
882	1441876_x_at	0.003491	136.87	90	Zfp93
883	1455627_at	0.003492	240.27	117.73	Col8a1
884	1419645_at	0.003494	2676.23	2053.9	Cstf2
885	1451177_at	0.003499	3414.7	2499.63	Dnajb4
886	1456739_x_at	0.003502	5254.1	3516.9	Armcx2
887	1435207_at	0.003506	2126.2	1403.67	Dixdc1
888	1460737_at	0.003508	540.6	466	Igpb1
889	1435545_at	0.003517	473.9	291.5	BC032203
890	1427382_a_at	0.003524	650	486.87	Suv39h1
891	1459840_s_at	0.003531	864	641.8	Ccdc28b
892	1444228_s_at	0.003537	162.2	134.63	Herc2
893	1434036_at	0.003546	1081.87	862	Mtss1
894	1440253_at	0.003558	2522.87	1787.9	---
895	1428779_at	0.003562	1058.17	739.13	Zbtb41
896	1421014_a_at	0.003564	460.83	326.9	Clybl
897	1426030_a_at	0.003567	650.43	469.03	Apeh
898	1436997_x_at	0.00357	3569.03	2294.47	Sh3bgrl
899	1415749_a_at	0.003572	2653.33	2269.87	Ragc
900	1456728_x_at	0.003572	1268.67	647.83	Aco1
901	1417737_at	0.003574	751.7	627.43	Mrps31
902	1434729_at	0.003583	1480.4	1158.67	AK129302
903	1458163_at	0.003592	551.1	462.67	BC066028
904	1427150_at	0.003593	585.47	454.67	Mill3
905	1419123_a_at	0.003597	332.87	188.23	Pdgfc
906	1434450_s_at	0.003597	2684.2	2064.27	---
907	1438636_s_at	0.003623	319.47	87.9	---
908	1416755_at	0.003627	2474.83	1800.27	Dnajb1
909	1434112_at	0.003652	1141	985.17	Lphn2
910	1437308_s_at	0.003656	515.33	279.77	F2r
911	1448299_at	0.003658	2765.77	2340.77	Slc1a1
912	1440934_at	0.003661	1450.8	1032.3	6230409E13Rik
913	1433544_at	0.003662	1753.53	1404.33	Als2cr2
914	1452197_at	0.003668	316.27	225.73	Smc4l1
915	1417062_at	0.003669	462.53	376.93	2810037C14Rik
916	1416101_a_at	0.003676	2289.6	1470.57	Hist1h1c
917	1433679_at	0.003676	544.47	235.93	Fubp3
918	1438385_s_at	0.003679	970.8	566.77	Gpt2
919	1424198_at	0.003687	475.63	409	Dlg5
920	1455643_s_at	0.003688	910	734.73	AW550801
921	1421772_a_at	0.0037	3581.1	3042	Cox7a2l
922	1436019_a_at	0.003701	1747.97	1505.2	Trappc1
923	1457218_at	0.003702	2865.87	2377.6	6430510M02Rik
924	1415675_at	0.003705	1201	1062.17	Dpm2
925	1421175_at	0.003705	4782.9	3615.9	Myt1l
926	1421172_at	0.003707	156.9	120.5	Adam12
927	1436552_at	0.003708	997.17	739.23	6430702L21Rik
928	1449839_at	0.003711	855.6	659	Casp3

929	1449410_a_at	0.003727	3956.13	3058.1	Gas5
930	1428116_a_at	0.003754	4653.1	3663.9	Tctex1
931	1416005_at	0.003755	3365.03	2673.03	Psmc1
932	1454704_at	0.003755	5962.83	4909.63	Scarb2
933	1443836_x_at	0.003759	1318	695.3	Wdr48
934	1442994_at	0.00377	435.3	260.27	---
935	1424206_at	0.003771	1425.87	1265.67	Smarca5
936	1456226_x_at	0.003773	2770.8	1562.57	Ddr1
937	1456699_s_at	0.003784	2481.37	1834.03	A730098D12Rik
938	1454722_at	0.003787	7273.8	6307.67	Herc1
939	1423103_at	0.003788	468.03	309.07	Rfx5
940	1425241_a_at	0.003797	1109.47	768.37	Wsb1
941	1423083_at	0.003819	1290.03	927.17	Rab33b
942	1455387_at	0.003827	885.13	565.73	1110001M19Rik
943	1457440_at	0.003841	1371.57	1098.83	Sstr4
944	1429918_at	0.003843	1487.03	1243.57	Arhgap20
945	1454917_at	0.003844	790.47	635.83	AU045404
946	1458351_s_at	0.003844	1337.33	1164.87	Klhl2
947	1420932_at	0.003848	2641.37	2274.93	Mapk8
948	1435964_a_at	0.003848	1481.1	992.4	---
949	1429335_at	0.00386	747.37	554.13	Snappc1
950	1438029_at	0.003864	590.13	496.97	4930535B03Rik
951	1428267_at	0.003866	547.87	458.17	Dhx40
952	1432164_a_at	0.003871	2282.4	1750.57	Gcsh
953	1433901_at	0.003872	2689.3	1912.17	Gpiap1
954	1433906_at	0.003872	1802.03	1130.63	4933402J24Rik
955	1419164_at	0.003873	1480.8	1128	Zfp260
956	1427269_at	0.003874	805.77	676.9	Sfrs11
957	1429441_at	0.003881	160.2	121.07	Fbxo30
958	1437585_x_at	0.00389	537.97	306.93	Zfp161
959	1425864_a_at	0.003892	337.93	250.8	Sorcs1
960	1425030_at	0.003893	629.47	445.1	Zfp622
961	1436771_x_at	0.003902	904.03	661.13	Pgd
962	1455272_at	0.003906	3727.07	2671.3	Grm5
963	1447655_x_at	0.003913	532.13	368.9	Sox6
964	1439571_at	0.003915	780.57	504.03	E230008J23Rik
965	1450964_a_at	0.00392	1129.83	782.5	Osbpl9
966	1455113_at	0.00393	833.13	675.2	Armc8
967	1436752_at	0.003935	256.1	207.03	5730478M09Rik
968	1456512_at	0.003935	185.17	90.8	Pdzrn4
969	1439272_at	0.003936	667.1	451.97	A830039H10Rik
970	1425487_at	0.003941	319.43	252.07	D11ErtD730e
971	1454625_at	0.003946	300.17	205.9	Phf6
972	1455189_at	0.003964	1242.77	1002.2	8030451N04Rik
973	1425344_at	0.003976	664.23	515.33	4430402O11Rik
974	1441880_x_at	0.003991	126.77	89.47	MGC30332
975	1437250_at	0.004006	316.1	185	MGI:2151839
976	1419081_at	0.004016	381	257.07	Atg10
977	1459861_s_at	0.004021	896.17	447.97	Fbxl10
978	1416186_at	0.004025	1088.23	632.77	Pnrc2
979	1435988_x_at	0.004032	3347.63	2070.7	Ik
980	1419171_at	0.004033	308.4	182.13	2310044D20Rik

981	1452262_at	0.004035	663.3	527.63	Grpel2
982	1448515_at	0.004039	1301.93	985.33	Tsn
983	1434513_at	0.004041	819	667.17	Atp13a3
984	1448403_at	0.004041	1625.03	1135.97	Lars
985	1418988_at	0.004042	1287.37	1043.07	Pex7
986	1420871_at	0.00405	6619.23	5737.07	Gucy1b3
987	1456557_at	0.00405	208.4	165.33	1700041C02Rik
988	1456700_x_at	0.004057	5727.7	4132.47	Marcks
989	1415920_at	0.004067	5041.73	3898.27	Cstf2t
990	1425498_at	0.004082	1044.77	860.73	Prpf4b
991	1454060_a_at	0.004083	1015.07	791.23	Nras
992	1436269_s_at	0.004092	443.4	307.8	Htra2
993	1436908_at	0.004092	1216.47	848.73	Pcm1
994	1417252_at	0.004096	705.8	552.4	Nt5c
995	1435048_at	0.004098	498	343.43	Al854703
996	1448192_s_at	0.0041	1903.2	1781.93	Prps1
997	1417191_at	0.004104	4321.47	3363.6	Dnajb9
998	1448678_at	0.004111	835.53	575.97	3110048E14Rik
999	1449322_at	0.004124	3288.2	2565.4	Ptp4a1
1000	1428126_a_at	0.004129	1343.3	998.2	4921506J03Rik
1001	1435774_at	0.004132	867	673.43	AV024533
1002	1435337_at	0.004136	1579.57	1224.87	Zfp537
1003	1448493_at	0.004137	4030.17	3161.47	Paip2
1004	1433490_s_at	0.00414	1928.63	1496.8	Epb4.1l2
1005	1426187_a_at	0.004142	2162.3	1812.83	Hax1
1006	1434447_at	0.004156	485.07	245.6	Al838057
1007	1438794_x_at	0.004159	5102.47	3815.57	Rps13
1008	1436495_s_at	0.004169	1635.87	1034.17	Zfp260
1009	1460449_at	0.004175	3077.47	1941.23	C030032C09Rik
1010	1441101_at	0.004183	971.33	783.9	Hecw1
1011	1440816_x_at	0.004187	2556.3	1905	Ddx1
1012	1434277_a_at	0.004193	3006.57	1711.47	6430570G24
1013	1418034_at	0.004196	406.13	291.5	Mrps9
1014	1416448_at	0.004202	1165.3	895.07	ltpa
1015	1416788_a_at	0.004204	4193.73	3733.87	ldh3g
1016	1449749_s_at	0.004205	238.27	159.3	Tfb1m
1017	1418048_at	0.004208	1819.77	1387.17	1110059G10Rik
1018	1416429_a_at	0.004212	912.73	615.73	Cat
1019	1419012_at	0.004224	284.43	173.5	Zfpm2
1020	1423205_at	0.004224	1225.3	1138.83	Tm9sf4
1021	1449083_at	0.004229	530.3	449.5	1810060J02Rik
1022	1436405_at	0.00423	2138.5	1275.73	Dock4
1023	1439153_at	0.004236	1357.3	1076.73	lbrdc2
1024	1453212_at	0.004237	504.9	342.3	Zfp383
1025	1434691_at	0.004239	628.8	410.73	Sfrs2ip
1026	1428333_at	0.004244	2763.13	2315.47	6530401D17Rik
1027	1426457_at	0.004248	3422.7	2714.73	Slmap
1028	1457649_x_at	0.004248	729.23	405.13	---
1029	1439263_at	0.004251	219.77	104.4	Fin15
1030	1423649_at	0.004252	1361.13	1213.93	Tmem68
1031	1433658_x_at	0.004263	4149.43	3291.17	Pcbp4
1032	1424072_at	0.004265	1694.83	1529.5	2010107G23Rik

1033	1441780_at	0.004268	385.2	262.23	---
1034	1429351_at	0.004275	964.37	815.63	Klhl24
1035	1451217_a_at	0.004296	1475.23	1136.1	Immp1l
1036	1435382_at	0.004307	8080.43	6341.33	Ndn
1037	1420822_s_at	0.004309	896.8	622.9	Sgpp1
1038	1438187_at	0.00431	751.93	522.93	Slc25a29
1039	1460436_at	0.004317	3167.47	2472.4	Ndst1
1040	1439870_at	0.004331	260.53	168.87	A330008L17Rik
1041	1455342_at	0.004356	2119.17	1779.8	A230083H22Rik
1042	1455144_s_at	0.004357	3491.87	3000.07	AU040829
1043	1428517_at	0.004361	3230.13	2470.77	Wdfy3
1044	1436420_a_at	0.004362	1503.47	1260.93	lpo4
1045	1429403_x_at	0.004369	439.27	313.1	Glt8d2
1046	1452423_at	0.004374	625.63	389.7	Pclo
1047	1428637_at	0.00438	2078.53	1679.07	Dyrk2
1048	1437707_at	0.004382	793.03	560.73	BC019561
1049	1455975_x_at	0.004386	1337.53	1099.53	Zfp313
1050	1419074_at	0.004387	829.67	582.2	2510006C20Rik
1051	1426838_at	0.004395	282.9	225.37	Pold3
1052	1434663_at	0.004396	1017.73	777.83	2410129H14Rik
1053	1450881_s_at	0.004403	730.07	481.07	Tm7sf1
1054	1433887_at	0.004406	1325.93	889.27	Dnajc3
1055	1421849_at	0.004435	2010.57	1404.53	Stag2
1056	1428178_s_at	0.00444	4384.7	3871.83	Trappc6b
1057	1449815_a_at	0.004444	3762.03	3077.87	Ssbp2
1058	1444199_at	0.004454	456.57	304.37	---
1059	1435190_at	0.004464	5431.5	3864.87	Chl1
1060	1422497_at	0.004472	1777.83	1355.73	Slc30a5
1061	1452288_at	0.004474	463.8	296.2	BB128963
1062	1426264_at	0.00448	2013	1851.67	Dlat
1063	1433676_at	0.004489	3816.43	3313.9	Wnk1
1064	1440681_at	0.004489	678.4	532.53	---
1065	1444560_at	0.004495	185.53	114.73	---
1066	1421841_at	0.0045	1820.93	1381.77	Fgfr3
1067	1455594_at	0.004515	2185.77	1743.77	---
1068	1455849_at	0.004515	245.23	160.77	Nav1
1069	1417385_at	0.00452	2290.83	1803.47	Npepps
1070	1428749_at	0.004524	5252.23	4566.87	Dmxl2
1071	1416714_at	0.004531	202.73	134.57	Irf8
1072	1429781_s_at	0.004539	255.53	139.73	D3ErtD789e
1073	1422490_at	0.004544	610.73	497.07	Bnip2
1074	1423818_a_at	0.004552	6780.2	4814.07	Arl6ip1
1075	1415744_at	0.004555	2796.7	2353.2	H2-Ke2
1076	1437709_x_at	0.004556	730.5	534.97	Ttc13
1077	1454794_at	0.004557	1803.57	1344.43	Spast
1078	1423347_at	0.004558	4853	3456.7	Sec23a
1079	1425591_a_at	0.004571	3014.77	2521.9	Chmp2a
1080	1439808_at	0.00458	5720.8	4588.03	A130090K04Rik
1081	1434648_a_at	0.004588	2037.27	1426.8	Ccm2
1082	1427020_at	0.004589	839.23	605.57	Scara3
1083	1417022_at	0.004604	271.43	179.23	Slc7a3
1084	1424186_at	0.004617	1040.8	822.87	2610001E17Rik

1085	1457632_s_at	0.004624	1222.67	652.2	Mrg1
1086	1417558_at	0.004625	4547.63	4102.77	Fyn
1087	1431619_a_at	0.004627	1879	1569.73	Dtnbp1
1088	1438641_x_at	0.00463	2577.8	1800.5	1500016O10Rik
1089	1417512_at	0.004641	1679.67	1352.43	Evi5 LOC544746
1090	1437456_x_at	0.004674	3204.17	2800.17	Ythdf1
1091	1422470_at	0.004675	4896.73	3745.27	Bnip3
1092	1423097_s_at	0.004683	1255.63	808.83	Capn7
1093	1453061_at	0.004686	968.87	694.47	2610018O07Rik
1094	1434819_at	0.004687	1541.03	841.97	St6gal2
1095	1427074_at	0.004706	2675.1	1897.47	Pcmdt2
1096	1436533_at	0.004728	944.6	608.7	Trove2
1097	1423627_at	0.004734	178.93	114.73	Nqo1
1098	1459661_at	0.004742	118.37	88.93	AW492955
1099	1419469_at	0.00475	866.13	615.93	Gnb4
1100	1424025_at	0.00475	422.9	302.53	BC013529
1101	1436483_at	0.00475	4160.43	2851.43	Myt1l
1102	1449465_at	0.004761	4209.83	3532.57	Reln
1103	1455070_at	0.004763	2081.83	1475.17	AL118268
1104	1429050_at	0.004764	525.4	376.2	Chic2
1105	1426272_at	0.004767	1217.63	1042.1	Lmbr1
1106	1457979_at	0.004776	1955.2	1559.83	---
1107	1416765_s_at	0.004777	2785.43	2130.37	MGI:1913699
1108	1452318_a_at	0.004799	441.53	184.37	Hspa1b
1109	1454851_at	0.004803	4625.67	3909.07	Nr2c2
1110	1451074_at	0.00481	2963.03	2353.1	Rnf13
1111	1435177_a_at	0.004825	4086.47	3444.9	Anapc5
1112	1448144_at	0.004846	505.33	371.2	Hnrpab
1113	1417435_at	0.004855	5036.9	4390.5	Large
1114	1441276_at	0.004876	323.87	258.67	Ptprk
1115	1435060_at	0.00488	3855.1	2783.5	Tmod2
1116	1435930_at	0.004884	1285.23	1071.63	Zfp291
1117	1422442_at	0.004892	2518.6	2013.13	Smu1
1118	1452718_at	0.004894	3116.67	2681.67	Edd1
1119	1428883_at	0.004901	1490.43	1153.53	Tmem57
1120	1454892_at	0.004911	3218.43	2370.7	Pitpnb
1121	1417844_at	0.004915	821.43	581.6	Med4
1122	1438494_at	0.004919	595.6	473.7	Hrh1
1123	1449261_at	0.00492	429.8	303.97	Pbx2
1124	1427005_at	0.004925	5693.37	4420	Plk2
1125	1428652_at	0.004942	1557.27	1147.57	0610010F05Rik
1126	1457490_at	0.004948	490.93	329.83	B230218L05Rik
1127	1435348_at	0.004954	337.67	258.17	D930009K15Rik
1128	1416072_at	0.004959	2331.27	1944.23	Cd34
1129	1435618_at	0.004959	1886.93	1387.9	Pnma2
1130	1452616_s_at	0.00496	1009.73	739.3	Ssbp1
1131	1451348_at	0.004963	431.23	243.83	Depdc6
1132	1452065_at	0.004971	3142.17	1886.7	BC027127
1133	1426382_at	0.004976	1959.43	1672.2	Ppm1b
1134	1439825_at	0.004977	92.87	47.5	Dtx3l
1135	1417027_at	0.00499	5351.37	4600.53	Trim2
1136	1429244_at	0.004991	790.57	674.3	2610524H06Rik

1137	1435103_x_at	0.005008	2084.5	1866.2	Farslb
1138	1419546_at	0.005011	7774.2	6259.87	Atp6v1c1
1139	1416465_a_at	0.005014	6799.7	5160.03	Vapa
1140	1419994_s_at	0.005025	1339.17	1102.93	D10ErtD641e
1141	1436317_at	0.005034	776	526.47	D230012E17Rik
1142	1450758_at	0.005042	109.97	79.57	Cntnap2
1143	1459985_at	0.005045	1721.67	1435.07	Wdr61
1144	1455618_x_at	0.005066	1239.27	759.87	Tspan33
1145	1417223_at	0.005075	1590.97	1397.3	Cd2bp2
1146	1418749_at	0.005079	6797.33	6110.9	BC003498
1147	1418822_a_at	0.005093	2228.93	1965.8	Arf6
1148	1450684_at	0.005101	962.3	637.13	Etv1
1149	1460588_at	0.00513	450.5	270.8	---
1150	1416790_a_at	0.005163	1729.5	1511.83	Tdg LOC434200 LOC545124
1151	1423095_s_at	0.005164	2650.63	1990.2	Crbn
1152	1433939_at	0.005164	1268.67	1006.17	A730046J16
1153	1437622_x_at	0.005171	1592.67	1193.23	Mrpl28
1154	1448537_at	0.005172	1507.83	1217.17	Ttc1
1155	1455447_at	0.005178	3122.37	2586.73	D430019H16Rik
1156	1433710_at	0.005181	556.47	444.23	AA517853
1157	1419917_s_at	0.005186	3672.3	2544.37	Tmed7
1158	1455589_at	0.005193	538.1	371.03	1700100M05Rik
1159	1454735_at	0.005214	742.23	629.07	Odf2
1160	1458843_at	0.005225	256.83	159.1	---
1161	1417893_at	0.005228	1192.2	873.97	Sfxn3
1162	1454760_at	0.005241	2516.23	1983.9	Htatsf1
1163	1450021_at	0.005242	9324.5	7179.07	Ubqln2
1164	1433779_at	0.005247	2836.5	2444.03	Casc4
1165	1415928_a_at	0.005248	7369.37	5993.83	Map1lc3b
1166	1422684_a_at	0.00526	1994.8	1553.67	Sec811
1167	1428853_at	0.005276	1263.5	921.2	Ptch1
1168	1423390_at	0.005279	1189.7	910.03	Siah1a
1169	1455826_a_at	0.005288	1778.8	1266.37	Bace1
1170	1437838_x_at	0.005296	4064.13	3042	Grsf1
1171	1436821_at	0.005296	1443.23	1014.2	Plcx3
1172	1422869_at	0.005298	1070.97	845.53	Mertk
1173	1434468_at	0.005323	1176.3	877.73	Otud4
1174	1455777_x_at	0.005324	1415.97	974.57	Hsd17b4
1175	1425966_x_at	0.005326	2737.43	1261.97	Ubc
1176	1417701_at	0.005327	970.97	769.07	Ppp1r14c
1177	1432195_s_at	0.005328	1356.8	1044.63	Ccni2
1178	1436816_at	0.005334	762.87	445.1	Nup133
1179	1450853_at	0.005339	2230.87	1590.5	Tle4
1180	1446244_at	0.005352	492.63	405.8	D6Bwg1452e
1181	1431050_at	0.005382	362.6	149.4	Rps6ka5
1182	1439904_at	0.005398	1160.37	859.9	Fstl5
1183	1460308_a_at	0.005403	1953.07	1769.63	Ict1
1184	1426762_s_at	0.005404	2673.97	2233.5	Aof2
1185	1438306_at	0.005405	797.2	480.8	Rnf180
1186	1435227_at	0.005407	1461.47	978.23	---
1187	1439259_x_at	0.005409	2738.87	2100.13	Abhd4
1188	1417980_a_at	0.005415	807.27	568.67	Insig2

1189	1417981_at	0.005415	1887.5	1529.47	Insig2
1190	1434856_at	0.005453	454.73	317.77	E130014H08Rik
1191	1452591_a_at	0.005453	1639.8	1359.03	2410018G20Rik
1192	1437559_at	0.005454	5896.33	4948.03	D13Bwg1146e
1193	1435923_at	0.005457	1345.43	1099.17	Gm237
1194	1417387_at	0.005458	1063.6	767.23	Med31
1195	1448654_at	0.005472	1284.07	1083.43	Mtch2
1196	1449429_at	0.005473	1478.3	1163.9	Fkbp1b
1197	1429053_at	0.005476	2033.33	1845.2	1110012J17Rik
1198	1451189_at	0.005495	854.5	679.37	Zswim1
1199	1439170_at	0.005495	773.8	538.33	---
1200	1434203_at	0.005499	4356	3713.07	BC055107
1201	1436747_at	0.005511	1509.6	1234.6	1110014K08Rik LOC545968
1202	1448694_at	0.005518	1291.1	862.77	Jun
1203	1434251_at	0.005523	1738.37	1490.13	Cnot1
1204	1429461_at	0.005524	809.3	566.9	2810417D08Rik
1205	1454751_at	0.005524	424.63	298.67	G430022H21Rik
1206	1427984_at	0.005525	292.87	162.77	Senp6
1207	1416857_at	0.005534	3188.37	2474.4	Sdf2
1208	1426759_at	0.005535	2920.03	2426.37	Map4k3
1209	1436715_s_at	0.005538	6217.93	4681.47	Cdipt
1210	1451381_at	0.005542	869.23	660.43	1810020D17Rik
1211	1445574_at	0.005543	489.9	378.5	---
1212	1428645_at	0.005544	1287.53	991.6	Gnai3
1213	1424094_at	0.005556	860.33	721.87	Nek9
1214	1426721_s_at	0.005564	712.37	463.3	Tiparp
1215	1437875_at	0.005566	1638.4	1451.97	Bicd2
1216	1454966_at	0.005568	202.3	120.13	Itga8
1217	1443931_at	0.005581	93.1	61.3	Zfp617
1218	1428824_at	0.005585	1098.63	995.6	2310003C23Rik
1219	1445546_at	0.005585	226.77	116.43	Al844685
1220	1459807_x_at	0.00559	4793.8	1923	4933406E20Rik
1221	1426165_a_at	0.005591	123.83	84.93	Casp3
1222	1426668_at	0.005602	3873.43	3004.77	Slc30a9
1223	1450149_a_at	0.005605	10747.8	8460.27	Ppp1cc LOC434233
1224	1454960_at	0.00563	1557.9	1348.5	Smad3
1225	1456383_at	0.00565	951.77	812.23	Rsl1d1
1226	1441259_s_at	0.005666	974.67	647.63	Wdr10
1227	1418186_at	0.005672	465.3	368.97	Gstt1
1228	1434075_at	0.005673	4625.87	3612.97	BC030336
1229	1433476_at	0.005681	4442.1	3456.87	C78339
1230	1429194_at	0.005687	475.17	329.07	Tigd2
1231	1439785_at	0.005689	48.3	27.67	9630013A20Rik
1232	1436156_at	0.005692	1118.03	847.5	Ccar1
1233	1435392_at	0.005698	528.43	414.03	Wdr17
1234	1433752_s_at	0.005708	1567.33	1134.93	D030016E14Rik
1235	1450223_at	0.005716	187.23	102.13	Apaf1
1236	1456019_at	0.005719	534.33	308.43	Cwf19I2
1237	1427075_s_at	0.005723	1602.27	1033.37	Pcmt2
1238	1428914_at	0.005725	972.87	744.67	2310014D11Rik
1239	1436729_at	0.005729	844.5	649.47	2600003E23Rik
1240	1441498_at	0.005737	200.67	99.03	Ptpd

1241	1423686_a_at	0.005744	1230.47	1161.97	1110020C13Rik
1242	1439438_a_at	0.005755	2098.83	1500.63	1110005A23Rik
1243	1434757_at	0.005759	1533.27	1269.37	Cbfa2t2h
1244	1439035_at	0.005762	1240.67	873.87	Zfp322a
1245	1456596_at	0.005791	141.97	100.7	6430550H21Rik
1246	1458273_at	0.005799	313.23	231	Hnrpd
1247	1452929_at	0.005806	2411.2	1943.4	Rsn
1248	1436918_at	0.005812	1655.1	1127.6	4932442E05Rik
1249	1440911_at	0.005826	208.33	121.3	Col23a1
1250	1416488_at	0.005829	1352.57	913.33	Ccng2
1251	1426593_a_at	0.00584	1811.03	1347.03	Fbxo22
1252	1448308_at	0.00584	747.77	570.77	Ap3m1
1253	1452876_x_at	0.005849	177.57	97.43	2610044O15Rik
1254	1456790_at	0.005849	250.77	122.23	AA407452
1255	1460319_at	0.005855	2384.77	2098.03	Fut8
1256	1422912_at	0.005861	296.9	163.43	Bmp4
1257	1423567_a_at	0.005866	3718.47	3123.63	Psm7
1258	1437284_at	0.005867	833.8	539.03	Fzd1
1259	1451193_x_at	0.005875	802.2	653.83	Ttc4
1260	1437920_at	0.00588	1106.5	935.37	Epha5
1261	1423285_at	0.005891	690.23	434.93	Coch
1262	1438631_x_at	0.005892	700.4	483	Ttc13
1263	1455225_at	0.005894	3558.2	2879.27	Syne1
1264	1449068_at	0.005912	2079.13	1614.67	Zfp148
1265	1417007_a_at	0.005913	2401.63	1859.43	Vps4b
1266	1433645_at	0.005923	1425.63	1225.13	2210409B22Rik
1267	1434881_s_at	0.005928	1337.57	836.17	Kctd12
1268	1419543_a_at	0.005945	1773.23	1555.4	Sfrs10
1269	1428280_at	0.005946	863.97	708.47	Fip1l1
1270	1433794_at	0.005958	2653.3	2135.7	Als4
1271	1437239_x_at	0.00596	1418.77	1057.63	Phc2
1272	1435167_at	0.005972	756.7	586.3	Ranbp6
1273	1452700_s_at	0.005972	2558.43	1681.27	Kbtbd7
1274	1427275_at	0.005973	403.57	227.03	Smc4l1
1275	1451202_at	0.005975	1677.7	1234.17	C330007P06Rik
1276	1457709_a_at	0.005978	382.3	318.43	A930005H10Rik
1277	1434383_at	0.00598	11399.6	8946.63	Pja2
1278	1437481_at	0.005983	416.9	309.7	Spdy1
1279	1419394_s_at	0.005988	421.3	143.87	S100a8
1280	1441905_x_at	0.006005	2704.97	2105.5	---
1281	1434172_at	0.006006	4699.37	3088.37	---
1282	1451151_s_at	0.006009	647.07	517.87	Zfp410
1283	1423201_at	0.006019	3129.27	2150.13	Ncor1
1284	1450769_s_at	0.006033	146.37	115.8	Stard5
1285	1453160_at	0.006033	1466.33	1179.9	Thrap1
1286	1455169_at	0.006048	2439.43	1798.87	---
1287	1458585_at	0.006049	527.77	347.53	---
1288	1448756_at	0.006052	375.6	111.67	S100a9
1289	1442465_s_at	0.006062	1811.07	1587.4	Strbp
1290	1433524_at	0.006065	2245.23	2041.87	AU042671
1291	1434728_at	0.006076	4402.53	3425.3	---
1292	1428103_at	0.006087	2578.87	1854.1	---

1293	1456279_a_at	0.00609	1651.67	1299.83	Bcap31
1294	1451221_at	0.006096	838.03	711.6	BC018507
1295	1433864_at	0.006113	1509.63	1212	Lrp12
1296	1450760_a_at	0.006123	334.93	243.43	Ing3
1297	1426459_s_at	0.006127	2399.8	1937.5	AW549877
1298	1455468_at	0.006143	703.47	502.33	9330164H19Rik
1299	1448635_at	0.006144	333.03	242.77	Smc2l1
1300	1460597_at	0.006149	341.57	232.03	Asxl2
1301	1457046_s_at	0.006184	183.17	109.97	C77370
1302	1418071_s_at	0.00621	468.23	339.23	Cdyl
1303	1423229_at	0.006225	399.23	311.27	Inpp5e
1304	1452341_at	0.006241	1455.37	1322.83	Echs1
1305	1439046_at	0.00625	417.63	347.37	Al851076
1306	1452675_at	0.006257	706.47	584.43	Rbm22
1307	1420196_s_at	0.006261	2902.93	2120.6	Tbc1d14
1308	1435879_at	0.006263	2277.47	2040.8	Akt3
1309	1428935_at	0.006279	433	313.63	Canx
1310	1424004_x_at	0.006312	803.73	561.17	4930444A02Rik
1311	1429651_at	0.00632	3214.73	2737.7	Phactr3
1312	1445676_at	0.006323	1206.83	628.73	Kcnn2
1313	1416983_s_at	0.006329	668.13	467.83	Foxo1
1314	1416659_at	0.006334	2326.27	2010.27	Eif3s10
1315	1448733_at	0.006334	1313.33	780.43	Pcgf4
1316	1451507_at	0.006337	9737.8	8382.9	Mef2c
1317	1437874_s_at	0.006342	4515.8	3147.9	Hexb
1318	1435311_s_at	0.00635	677.07	429.23	Fbxo7
1319	1424280_at	0.006363	633.5	525.57	Mospd1
1320	1452095_a_at	0.006365	637.43	412.77	H47
1321	1452730_at	0.006368	636.73	531.2	1110033J19Rik
1322	1456253_s_at	0.006371	509.3	407.8	Plekhn1 Khl17
1323	1436735_at	0.006374	445.6	326.6	Nsun3
1324	1429514_at	0.00639	6845.63	5186.83	Ppap2b
1325	1426531_at	0.006393	3240.77	2906.33	Zmynd11
1326	1415941_s_at	0.006402	1305.3	1035.37	Zfand2a
1327	1451570_a_at	0.006407	3811.37	3080.57	6720467C03Rik
1328	1455538_at	0.006416	5016.87	4004.33	6330403M23Rik
1329	1420131_s_at	0.006427	1171.33	928.1	Pttg1ip
1330	1438580_at	0.006436	949.43	702.57	---
1331	1460429_at	0.006439	2356.97	2002	Cdc5l
1332	1448224_at	0.006459	1102.33	860.47	Tfam
1333	1428279_a_at	0.006461	458.87	316.37	Atxn7l4
1334	1450973_s_at	0.006462	926.2	663.33	Mapkbp1
1335	1431076_at	0.006468	6087.93	4786.9	Add2
1336	1424114_s_at	0.006476	259.7	144.07	Lamb1-1
1337	1434108_at	0.006479	2173.3	1652.2	Fbxo11
1338	1416631_at	0.00648	317.73	236.13	Ap4b1
1339	1435626_a_at	0.006508	1541.27	1065	Herpud1
1340	1434173_s_at	0.006515	1674.37	1249.07	D19Bwg1357e
1341	1439387_x_at	0.006519	893.13	621.43	2310061F22Rik
1342	1415724_a_at	0.00652	3844.17	3161.87	Cdc42
1343	1428543_at	0.006521	217.07	147.63	Ppat
1344	1418225_at	0.006526	557.23	486.7	Orc2l

1345	1444531_at	0.006545	684.9	410.7	Sod2
1346	1447905_x_at	0.006548	2701.47	2340.53	Nup62
1347	1455951_at	0.006561	1105.37	861.4	Mars
1348	1428198_at	0.006569	374.4	300.53	4930578F03Rik
1349	1434120_a_at	0.006583	3119	2508.1	Metap2
1350	1455317_at	0.006615	2618.7	1992.63	Epc2
1351	1426994_at	0.006618	2402.53	2086.1	Phlpp
1352	1422541_at	0.006631	958.6	764	Ptprm
1353	1427126_at	0.006636	207.13	130.83	Hspa1b
1354	1417846_at	0.006637	1469.47	1239.3	Ulk2
1355	1456535_at	0.006638	1216.53	910.27	Vps13c
1356	1429389_at	0.006639	476.27	326.27	Setmar
1357	1417140_a_at	0.006643	711.8	476.07	Ptpn2
1358	1441815_at	0.006651	1904.4	1469.73	Al851453
1359	1428448_a_at	0.006657	660.53	471.7	Gtf3c2
1360	1453583_at	0.006686	301.73	196.23	Zzef1
1361	1423759_a_at	0.006704	2108.77	1688.23	Tmco1
1362	1435078_at	0.006712	2868.17	2584.97	3526402J09Rik
1363	1448848_at	0.006714	851.93	663.1	Tor1b
1364	1418109_at	0.00672	890.23	607.1	Gspt2
1365	1448958_at	0.00672	538.87	380.73	MGI:1929890
1366	1449732_at	0.006739	314.9	242.97	Zipro1
1367	1460180_at	0.006744	2303.73	1968.77	Hexb
1368	1423046_s_at	0.006745	1472.03	1220.67	Ncbp2
1369	1437837_x_at	0.006745	2853.37	1957.03	Poldip3
1370	1426484_at	0.006748	400.87	317.87	Ubx2
1371	1424489_a_at	0.006759	424.13	340.07	Trit1
1372	1423883_at	0.006768	1756.53	1411.83	Acsl1
1373	1452147_at	0.006774	1757.8	1419.9	Sec24c
1374	1459253_at	0.006777	603.37	371.57	---
1375	1435661_at	0.006786	1115.27	889.73	Als2cr4
1376	1423922_s_at	0.006794	684.4	478.03	C77668
1377	1455516_at	0.006812	1876.03	1529.83	A330102K23Rik
1378	1456199_x_at	0.006823	3860.87	3257.87	Ranbp9
1379	1455788_x_at	0.006828	2807.93	2052.8	Poldip3
1380	1423302_a_at	0.006841	315.5	264.17	Paxip1
1381	1417644_at	0.006842	340.1	279.23	Sspn
1382	1425554_a_at	0.006842	1657.8	1227.5	Cdc16
1383	1455381_at	0.006842	759	412.1	4921513D23Rik
1384	1452285_a_at	0.00685	6024.4	5163.4	Eif3s5
1385	1416018_at	0.006854	1169.43	646.1	Dr1
1386	1434084_at	0.006862	1220.27	767.17	5730601F06Rik
1387	1428493_at	0.006871	410.67	343.33	2610511M17Rik
1388	1448505_at	0.00689	3151.33	2364.27	MGI:1927354
1389	1434456_at	0.006891	2497.67	2041.97	Gm440
1390	1434972_x_at	0.006898	3487.07	2493.23	Sfrs1
1391	1428277_at	0.006915	1463.4	1101.3	Otud6b
1392	1419460_at	0.006916	790.73	627.87	Rpp14
1393	1428724_at	0.006922	450.5	353.27	Pcf11
1394	1437526_x_at	0.006953	3049.9	1762.87	Hnrpr
1395	1435486_at	0.006953	2957.5	2394.07	Pak3
1396	1458268_s_at	0.006978	269.23	149	Igfbp3

1397	1428910_at	0.00698	2511.47	1693.57	2310022B05Rik
1398	1415770_at	0.006987	3259.7	1822.8	Wdr6
1399	1449718_s_at	0.006991	122.7	86.93	4930453N24Rik
1400	1438420_at	0.007009	931.83	719.9	Rnpc2
1401	1424802_a_at	0.007013	4132.3	3010.57	3300001P08Rik
1402	1426002_a_at	0.00702	345	250.07	Cdc7
1403	1418332_a_at	0.007031	3228.23	2599.63	Agtppb1
1404	1448253_at	0.007036	4614.67	3517.07	Glud1
1405	1416197_at	0.00704	1846.63	1536.93	Snrp1c
1406	1452380_at	0.007069	692.03	535.7	Epha7
1407	1435014_at	0.007079	1499.93	1012.77	Rab39b
1408	1424895_at	0.007081	345.47	295.2	Gpsm2
1409	1453282_at	0.007092	1048.77	752.37	Cxadr
1410	1434196_at	0.007098	600.47	435.27	Dnaja4
1411	1433473_x_at	0.007101	1140.1	952.63	Tm2d2
1412	1460303_at	0.007122	2240.6	1644.1	Nr3c1
1413	1439399_a_at	0.007131	842.13	612.8	Rnu22
1414	1434132_at	0.007131	1651.53	1408.9	E430025E21Rik
1415	1424993_at	0.007132	2108.6	1487.9	8430410K20Rik
1416	1423717_at	0.007142	2493.1	1751.2	Ak3
1417	1428313_at	0.007148	308.8	187.57	Zswim3
1418	1456120_at	0.007149	1093.17	727.63	3110001I20Rik
1419	1433675_at	0.007155	542.27	337.47	Rnu22
1420	1423451_at	0.007162	11582.4	9626.13	Pgrmc1
1421	1438096_a_at	0.007176	939.33	753.43	Dtymk
1422	1437213_at	0.007177	1021.77	735.67	Nudt21
1423	1422881_s_at	0.007209	949.07	536.37	Sypl
1424	1417594_at	0.007219	646.83	441.07	Gkap1
1425	1419812_s_at	0.007221	5250.13	4481.97	D11Erd99e
1426	1455082_at	0.007242	750.4	655.6	Cblb
1427	1428080_at	0.007246	2124.53	1698.63	2610528A17Rik
1428	1455505_at	0.007246	271.17	187.7	BC031407
1429	1429434_at	0.007251	539.33	364.13	Pik3ca
1430	1452240_at	0.007252	7188.73	5949.7	Bruno14
1431	1456600_a_at	0.007265	2198.73	1610.2	Rnf7
1432	1454926_at	0.007268	5089.03	3622.83	4930544G21Rik
1433	1455365_at	0.007276	401.83	293.83	Cdh8
1434	1452880_at	0.00728	1215.4	986.27	Znhit3
1435	1416440_at	0.007285	2587.7	1764.4	Cd164
1436	1441079_at	0.007289	164.1	99.27	Mbd4
1437	1434892_x_at	0.007294	7218.73	5698.67	Rbbp4
1438	1439630_x_at	0.007318	895.23	532.83	MGI:2446326
1439	1417077_at	0.007319	1535.97	1401.63	Bcap29
1440	1438441_at	0.007346	146.47	64.27	ldb4
1441	1428113_at	0.00735	1631.77	1073.43	4930403J22Rik
1442	1456615_a_at	0.00737	1867.5	1357.9	Falz
1443	1429281_at	0.007391	398.27	317	2610008E11Rik
1444	1454894_at	0.007403	847.17	770.43	Smurf2
1445	1434982_at	0.007468	322.2	228.6	---
1446	1437807_x_at	0.007478	1690.5	1256.7	Ctnna1
1447	1437542_at	0.007482	301.9	202.4	A730095J18Rik
1448	1455187_at	0.007487	192.07	125.17	Zbtb40

1449	1449348_at	0.007503	1356.43	1048.37	Mpp6
1450	1448210_at	0.007504	2503.63	2038.13	Rab1
1451	1436870_s_at	0.007521	242.07	118	AU041783
1452	1416856_at	0.007522	1049.83	835.53	3230401D17Rik
1453	1460292_a_at	0.007524	779.57	588.8	Smarca1
1454	1424104_at	0.007526	1294.7	1002	Syf2
1455	1433519_at	0.007528	7383.43	6106.3	Nucks1
1456	1433507_a_at	0.007542	7809.8	6486.43	Hmgn2
1457	1416861_at	0.007548	1594.93	1362.63	Stam
1458	1444039_at	0.007555	156.4	74.17	Disp2
1459	1438134_at	0.007563	2207.17	1547.67	Pcdh10
1460	1427208_at	0.007584	646.2	542.9	Zfp451
1461	1428468_at	0.007597	871	706.37	3110043O21Rik
1462	1454937_at	0.007609	1408.43	1036.4	B630005N14Rik
1463	1456205_x_at	0.007612	3855.6	3172.8	Tbca
1464	1434310_at	0.007618	6414.4	5700.8	Bmpr2
1465	1433615_at	0.007628	189.43	131.7	B930062P21Rik
1466	1437525_a_at	0.007631	647.93	384.53	Polr3a
1467	1431367_at	0.007633	508.03	300.6	1-Mar
1468	1448167_at	0.007645	407.33	258.3	lfngr1
1469	1423998_at	0.007649	306.27	239.57	Gtf3c5
1470	1416308_at	0.007662	957.37	707.8	Ugdh
1471	1455816_a_at	0.007671	4256.37	3270.77	Kctd3
1472	1429454_at	0.007691	3124.4	2680.07	Gapvd1
1473	1452158_at	0.007702	755.53	497.5	Eprs
1474	1456058_at	0.007703	1262.9	827.73	Rbm27
1475	1432813_at	0.007723	857.43	510	2900064F13Rik
1476	1429166_s_at	0.007744	497.8	316.8	Clmn
1477	1435668_at	0.007748	822.1	613.03	---
1478	1457133_at	0.007765	326.23	252.47	---
1479	1455746_at	0.007782	409.13	308.97	Kif13a
1480	1423301_at	0.007801	1385.1	1199.27	Copb1
1481	1448670_at	0.007803	6369.87	4688.3	Ube2e3
1482	1435088_at	0.007814	1433.37	1233.43	---
1483	1439011_at	0.007817	257.63	131.63	---
1484	1424166_at	0.007845	478.1	293.37	Msh3
1485	1433909_at	0.007861	765.3	542.07	Bk
1486	1436915_x_at	0.007866	3094.63	1942.87	Laptm4b
1487	1418119_at	0.00787	1503.33	1191.77	Rbm8a
1488	1448273_at	0.007873	301.1	225.77	Gss
1489	1455141_at	0.007886	794.4	568.4	Tnrc6a
1490	1433463_at	0.007889	1819.83	1392.37	0610010K06Rik
1491	1424358_at	0.007899	2217.67	1933.2	Ube2e2
1492	1452353_at	0.007914	1003.33	839.03	Gpr155
1493	1420157_s_at	0.007928	1239.7	976.47	Abcf1
1494	1438650_x_at	0.007946	4896.67	1727.87	Gja1
1495	1424136_a_at	0.007962	411.2	307.6	Ppih LOC433064 LOC434090
1496	1443401_at	0.007969	331.17	276.5	Astn2
1497	1456089_at	0.007971	637.6	496.53	Trim23
1498	1429189_at	0.007983	4793.43	4103.07	1110007C02Rik
1499	1456379_x_at	0.007984	3194.5	1980.47	Dner
1500	1434788_at	0.007991	4372.83	3758.6	D930050A07Rik

1501	1443935_at	0.007994	1141.87	916.6	BC032203
1502	1438528_at	0.007997	214	186.4	Pcm1
1503	1448181_at	0.008002	741.97	427.97	Klf15
1504	1448315_a_at	0.008002	697.5	558.13	Pycr2
1505	1426799_at	0.008016	2005.23	1395.2	Rab8b
1506	1435547_at	0.008023	5826.5	4744.53	Mkl2
1507	1435465_at	0.008028	3771.43	3236.57	Kbtbd11
1508	1457990_at	0.008031	1081.73	884.33	C030032C09Rik
1509	1422467_at	0.008052	2616.93	1933.37	---
1510	1426682_at	0.008052	2167.23	1845.5	Cnot6
1511	1448125_at	0.008061	2824.87	2323.6	Rit2
1512	1423328_at	0.008062	4643.63	3456.9	Gdap1
1513	1424916_x_at	0.008068	255.3	183.57	8030466O12Rik
1514	1428808_at	0.008081	5112.27	4484.43	Prickle2
1515	1423155_at	0.008087	754.5	655.53	Sri
1516	1416799_at	0.008102	898.77	590.43	Trpm7
1517	1437490_x_at	0.008108	810	557.97	Uap1
1518	1417052_at	0.008112	2309.2	2050.23	Psmb3
1519	1457139_at	0.008112	2039.13	1547.53	Auts2
1520	1431060_at	0.00812	91.23	42.57	Peli1
1521	1452982_at	0.008121	1612.13	1342.03	A330103N21Rik
1522	1444328_at	0.008125	308.1	252.53	Clta
1523	1447923_at	0.008126	685.8	533.1	1810026B05Rik
1524	1425115_at	0.008147	1458.33	1167.07	Rbbp6
1525	1439766_x_at	0.008165	86.13	52.83	Vegfc
1526	1450069_a_at	0.008168	2968.47	2323.57	Cugbp2
1527	1455939_x_at	0.008174	6378.07	5316.7	Srp14
1528	1436999_at	0.008183	1021.4	813.17	AL024069
1529	1421115_a_at	0.008192	699.93	558.93	Zdhhc16
1530	1418954_at	0.008206	1662.17	1373.33	Camkk1
1531	1428840_s_at	0.008206	414.8	304.73	Wdr53
1532	1424003_at	0.008239	693.63	501.17	4930444A02Rik
1533	1447936_at	0.008249	1313.23	814.93	2410006H16Rik
1534	1434320_at	0.008256	974.67	812.4	Gtf3c4
1535	1460179_at	0.008258	8041.77	6880.6	Dnaja1
1536	1448835_at	0.008263	719.23	562.93	E2f6
1537	1434037_s_at	0.008278	778.77	598.93	Pcaf
1538	1424427_at	0.008292	1107.93	913.97	Tada1l
1539	1456135_s_at	0.008297	488.23	307.27	Pxn
1540	1440147_at	0.008315	1295.93	973.17	Lgi2
1541	1423577_at	0.00832	378.97	314.37	Ankrd32
1542	1421923_at	0.008337	443.87	358.07	Sh3bp5
1543	1438157_s_at	0.008339	1268.9	779.57	Nfkbia
1544	1423840_at	0.008343	1476.1	1332.4	D11ErtD99e
1545	1436157_at	0.008355	1612.6	1130.1	Ccar1
1546	1441989_at	0.008358	366.87	228.6	Bnip2
1547	1424743_at	0.008367	382.33	309.63	2610003J06Rik
1548	1423350_at	0.008373	2705.43	1625.73	Socs5
1549	1455875_x_at	0.008383	7961.03	5086.83	Tm9sf2
1550	1437071_at	0.008401	3028.03	2156.83	Eif1ay
1551	1433571_at	0.008426	855.67	613.23	Serinc5
1552	1434590_at	0.008435	5593.67	4215.73	B230209C24Rik

1553	1419100_at	0.008436	1051.57	697.13	Serpina3n
1554	1435116_at	0.008441	139.57	58.83	4933403G14Rik
1555	1418128_at	0.00845	739.9	582.3	Adcy6
1556	1424800_at	0.00845	2812	2231	Enah
1557	1455827_at	0.008458	5489.9	4739.33	Mbnl2
1558	1428512_at	0.00847	3148.17	2479.87	Bhlhb9
1559	1436534_at	0.008478	1707.27	1271.67	Trove2
1560	1454947_a_at	0.00849	2089.37	1469.43	Ublcp1
1561	1433588_at	0.0085	1088.87	886.33	D6Wsu116e
1562	1422511_a_at	0.008502	1210.83	984.5	Ogfr
1563	1427965_at	0.008507	2422.1	1218.2	Ssbp1
1564	1449059_a_at	0.008509	9278.77	8109.4	Oxct1
1565	1455486_at	0.008509	842.03	646.27	Pias1
1566	1452265_at	0.008522	2874.2	2321.17	Clasp1
1567	1428496_at	0.008533	549.27	340.2	Secisbp2
1568	1455956_x_at	0.008535	891.63	649.5	Ccnd2
1569	1452061_s_at	0.008538	1419	1192.2	Strbp
1570	1454697_at	0.008546	4625.87	3650	Tloc1
1571	1431818_at	0.008547	1223.07	974.17	1700012B15Rik
1572	1455686_at	0.008561	924.67	569	---
1573	1435020_at	0.008572	3929.8	3115.77	Sdccag1
1574	1437904_at	0.00858	1310.6	1060.27	MGI:2387367
1575	1456765_at	0.008581	1005.77	788.57	6430511F03
1576	1421023_at	0.008584	500.13	398.83	Pik3c2a
1577	1427231_at	0.008592	421.53	295.5	Robo1
1578	1459854_s_at	0.008597	4975.47	3830.8	Tcte1l
1579	1434131_at	0.00861	632.93	491.47	Rufy1
1580	1437476_at	0.008615	660.23	488.4	Rrm2b
1581	1428884_at	0.00863	1435.1	1118.47	Tmem57
1582	1419914_s_at	0.008635	3250.67	2530.2	D10Erd438e
1583	1434427_a_at	0.008638	3302.77	2429.93	Rnf157
1584	1415973_at	0.008653	4785.47	3626.77	Marcks
1585	1434842_s_at	0.008657	961.73	698.1	Upf3b
1586	1419286_s_at	0.00866	1222.43	1073.7	Cdv1
1587	1438412_at	0.008678	580.93	456.2	Phf17
1588	1427270_a_at	0.008696	1264.2	882.27	Bsdc1
1589	1425092_at	0.008703	1612.8	1167.2	Cdh10
1590	1456653_a_at	0.008729	448.83	300.5	Mthfd1l
1591	1432042_a_at	0.008731	1715.67	1518.5	Smu1
1592	1416368_at	0.008742	1377.63	1039.23	Gsta4
1593	1423508_at	0.008748	1140.33	957.8	Myst4
1594	1438322_x_at	0.008755	2478.67	2134.53	Fdft1
1595	1419186_a_at	0.008758	640.37	457.13	St8sia4
1596	1440803_x_at	0.008762	239.03	157.87	Tacr3
1597	1428231_at	0.008763	2726.2	2016.87	Cpsf6
1598	1416610_a_at	0.008765	3370.07	2890.8	Clcn3
1599	1430301_at	0.008777	1240.97	1100.57	Stxbp5
1600	1448149_at	0.008782	1716.9	1291.5	Ctnna1
1601	1438853_x_at	0.008792	1367.57	1147.67	Ddx54
1602	1456632_at	0.008794	1076.6	774.73	Bcl11a
1603	1459717_at	0.008815	387.77	235.7	---
1604	1417001_a_at	0.008825	2283.47	1717.63	D4Wsu53e

1605	1436153_a_at	0.008829	5237.7	3524	Zmynd11
1606	1423462_at	0.008833	2003.87	1401.17	Map3k7ip2
1607	1448939_at	0.008836	688.33	366.63	Usp25
1608	1460549_a_at	0.00885	543.87	433.73	Cdc23
1609	1420798_s_at	0.008872	5228.6	4188.17	Pcdha4
1610	1416958_at	0.008887	7326.2	5252.17	Nr1d2
1611	1449080_at	0.0089	1139.67	983.6	Hdac2
1612	1448548_at	0.008909	2711.53	2390.73	Tulp4
1613	1438659_x_at	0.008922	2552.37	1814.33	Chchd6
1614	1445198_at	0.008925	108.07	68.4	Utx
1615	1437687_x_at	0.00893	1151.93	804.93	Fkbp9
1616	1434721_at	0.008961	874.17	769.9	D5Ert585e
1617	1434371_x_at	0.008965	2171.03	1810.87	Usp7
1618	1428362_at	0.008976	3806.8	3426.97	E130105L11Rik
1619	1442141_at	0.008976	572.2	434.4	Xrn1
1620	1426482_at	0.008979	1844.83	1621.5	Prkrir
1621	1433726_at	0.008987	3357.2	2625.13	2310035C23Rik
1622	1417269_at	0.00899	2932.97	2540.23	Cdk9
1623	1420925_at	0.009007	2512	1973.47	Tub
1624	1455993_at	0.009009	177.57	145.83	Odz4
1625	1423055_at	0.009011	5363.03	4729.2	Nsg1
1626	1455425_at	0.009014	414.7	231.5	BB001228
1627	1420091_s_at	0.00902	539.43	372.47	Morc3
1628	1418500_at	0.009024	2109.93	1634.3	Nap113
1629	1439440_x_at	0.009028	1504.37	1266.7	Ptk9l
1630	1422743_at	0.009032	333.67	246.5	Phka1
1631	1415706_at	0.009038	4751.37	4555.67	Copa
1632	1425018_at	0.009098	4596.93	4039.73	Mcts1
1633	1437141_x_at	0.009113	476.4	284.03	Dym
1634	1435487_at	0.009115	400.37	288.83	Grid2
1635	1454608_x_at	0.009135	460.03	178.53	Ttr
1636	1424611_x_at	0.009167	534.23	425.47	Trub2
1637	1429291_at	0.009167	3002.93	2621.3	Psm1
1638	1423293_at	0.009176	1082.3	929.83	Rpa1
1639	1439777_at	0.009212	3170.4	2703.93	B230218O03
1640	1427973_s_at	0.009223	149.83	93.6	Cdc73
1641	1428341_at	0.009226	1087	750.67	Zfp655
1642	1426347_at	0.009294	737.93	604.6	2010321M09Rik
1643	1433859_at	0.0093	545.43	449.53	D030070L09Rik
1644	1429146_at	0.009303	1386.1	1026.33	6620401M08Rik
1645	1433893_s_at	0.009329	277.77	185.33	Spag5
1646	1437454_a_at	0.009334	5927.7	4949.37	Txndc14 LOC433144
1647	1419653_a_at	0.009342	7536.53	6611.97	Ddx5
1648	1422649_at	0.009369	640.17	504.1	Cntn6
1649	1434506_at	0.00937	435.23	354.07	Arid2
1650	1423132_a_at	0.009381	1387.67	917.4	5730427N09Rik LOC433230
1651	1424873_at	0.009382	1539.93	960.3	Rnf2
1652	1424091_at	0.009393	573.5	422.87	AI449175
1653	1455434_a_at	0.009421	2035.17	1454.9	Ktn1
1654	1430474_a_at	0.009465	3060.6	2527.33	Mtch2
1655	1417010_at	0.009467	11967.6	10356.7	Zfp238
1656	1444077_at	0.009472	1429.33	1247.93	---

1657	1425480_at	0.009489	1571.27	1456.37	Cnot6l
1658	1439454_x_at	0.009496	2484.13	2060.37	Tm2d2
1659	1448558_a_at	0.009496	111.33	63.47	Pla2g4a
1660	1438633_x_at	0.009498	3138.23	2185.23	Lasp1
1661	1434416_a_at	0.0095	933.57	759.87	---
1662	1437785_at	0.009517	142.93	99.7	Adamts9
1663	1428483_a_at	0.00952	202.67	146.37	2610039C10Rik
1664	1428588_a_at	0.009531	2611.87	2336.33	Mrpl41
1665	1436293_x_at	0.009546	4043.03	3718.73	D1Ert471e
1666	1451188_at	0.009548	2989.6	2453.7	Wdr26
1667	1451302_at	0.009561	505.47	383.63	1110012L19Rik
1668	1447992_s_at	0.009573	5591.27	4321.33	Pcsk2
1669	1455351_at	0.009577	842.37	642	AU023006
1670	1428582_at	0.009595	703.47	583.3	2010208K18Rik
1671	1448100_at	0.009603	4532	3865.27	4833439L19Rik
1672	1434441_at	0.009617	187.63	142.6	1110018J18Rik
1673	1416207_at	0.009634	873.2	748.97	Taz
1674	1457936_at	0.009634	2251.13	1901.93	Mapk8
1675	1426977_at	0.009687	1567.1	1382.17	Usp47
1676	1425001_at	0.009689	526.03	389.77	Echdc1
1677	1423740_a_at	0.009719	1700.97	1183.53	Rbm10
1678	1456012_x_at	0.009719	1213.33	794.37	Rnaset2
1679	1438423_at	0.009722	1255.7	869.9	Ssbp2
1680	1457467_at	0.009727	312.63	207.4	---
1681	1417356_at	0.009743	1476.7	1210.63	Peg3
1682	1417768_at	0.009746	4247.47	3299.97	1200006O19Rik
1683	1453125_at	0.009747	598.97	312.5	Sox11
1684	1451611_at	0.009756	444.73	296.97	Hrasls3
1685	1426407_at	0.009761	9967.47	7096.6	Cugbp1
1686	1454715_at	0.009765	3288.53	2723.87	0710005M24Rik
1687	1448265_x_at	0.009767	95	35.57	Eva1
1688	1418127_a_at	0.009769	873.8	655.5	Pdcd8
1689	1433664_at	0.009778	1376.33	1109.77	3010021M21Rik
1690	1455759_a_at	0.009784	182.4	133.47	Ankhd1
1691	1434440_at	0.0098	5532.4	4589.33	Gnai1
1692	1416680_at	0.009811	3204.8	2637.4	Ube3a
1693	1454652_at	0.009811	4874.87	4090.13	Zfp265
1694	1454604_s_at	0.009812	251.77	155.93	Tspan12
1695	1455669_at	0.009815	372.7	320.37	Wdr19
1696	1422453_at	0.009851	4552.03	3979.93	Prpf8
1697	1434958_at	0.009854	1435.6	1220.73	Sacs
1698	1429041_at	0.009855	316.33	258.8	LOC436177
1699	1422473_at	0.009864	2403.43	1732.37	Pde4b
1700	1449278_at	0.009868	918.27	768.1	Eif2ak3
1701	1436900_x_at	0.009874	714.17	521.47	Leprot
1702	1448895_a_at	0.009887	2390.83	1964.23	Ctnna2
1703	1455994_x_at	0.009897	491.83	380.87	Elovl1
1704	1428920_at	0.009908	217.8	124.43	Hmg20a
1705	1448212_at	0.009915	806.77	590.63	Tnfsf5ip1
1706	1448955_s_at	0.009928	7463.3	6083.3	Cadps
1707	1429211_at	0.009929	5670	4068.87	2900078E11Rik
1708	1433667_at	0.009929	1869.27	1496.73	Lgi3

1709	1440818_s_at	0.009931	1703.3	1266.2	Sf3b1
1710	1455297_at	0.009933	428.1	326.77	Spin2
1711	1455346_at	0.009934	442.77	329.7	Masp1
1712	1423084_at	0.009956	393.3	264.47	B3galt2
1713	1451495_at	0.009961	2600.1	2023.43	Wac
1714	1421904_at	0.009965	838.77	748.27	Ncoa6ip
1715	1437087_at	0.009978	3538.8	2964.6	---
1716	1443932_at	0.009985	994.73	699.6	Klhdc1
1717	1438396_at	0.00999	552.63	394.03	Ocr1
1718	1436737_a_at	0.009993	1682.77	1144.83	Sorbs1
1719	1455470_x_at	0.009998	6182.23	4303.17	Lasp1

