

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

Dark rearing versus control
Downregulated
Significance criterion = 0.01

i	affyid	p	DR	control	gene
1	116913_at	0.000013	839.37	1223.2	A630065K24Rik
2	160625_f_at	0.000015	317.93	393.9	BC004636
3	163279_at	0.000018	811.87	1345.03	BC033915
4	116738_at	0.000026	2200.47	4218.77	3110031O14Rik
5	100539_at	0.000028	2230.47	3377.33	2410041A17Rik
6	101039_at	0.000029	703.03	1054.37	Col4a2
7	96244_at	0.000032	5196.07	5771.67	Uchl1
8	96900_at	0.000034	5199.73	8428.83	1620401E04Rik
9	111915_at	0.000044	428.83	708.43	1500003O22Rik
10	164133_at	0.000044	2202.27	2806.9	Trim9
11	166936_i_at	0.000044	584.2	964.9	BC004091
12	114451_at	0.000049	1478.97	2237.73	---
13	112460_at	0.00005	1695.03	2404.8	3010021M21Rik
14	111941_at	0.000053	810.07	1369.87	Snx16
15	104738_at	0.000063	505.23	903.83	Zrf2
16	106175_at	0.00007	3470.03	6281.83	---
17	93312_at	0.000074	1795.4	2625.2	Ube2g1
18	106279_at	0.000074	549.4	1024.7	2810004N20Rik
19	92987_at	0.000075	2622.93	4105.5	Slc4a3
20	103904_at	0.000077	813.33	2163.97	Krt2-8
21	162605_at	0.00008	282.6	349.33	AI449175
22	115062_at	0.000081	655.2	975.6	Rev1l
23	105133_at	0.000084	562.33	1133.57	---
24	93984_at	0.000086	4129.97	6006.23	Atpi
25	103234_at	0.000088	626.73	769.43	---
26	110406_at	0.000094	476.13	700.7	---
27	104195_at	0.000096	96.9	276	5730408K05Rik
28	105788_at	0.000102	2938	4379.33	9630017H13
29	103855_at	0.000111	230.83	408	---
30	160072_at	0.000111	134.3	174.2	Rfc3
31	161077_f_at	0.000118	184.17	280.43	Smarcd2
32	160704_at	0.00012	439.93	643.23	1110067D22Rik
33	94875_at	0.000124	371.97	646.6	Mrpl20
34	165290_f_at	0.000127	203.73	398.97	---
35	103910_at	0.000128	585.83	1028.43	---
36	114032_f_at	0.000129	4244.37	7428.33	Glcci1
37	116058_at	0.000139	313.97	485.83	2900057K09Rik
38	168299_f_at	0.000143	491.27	1205.07	---
39	107599_at	0.000146	804.63	1145.87	---
40	164029_at	0.000148	533.3	770.33	DXImx41e
41	109727_at	0.000154	923.97	1367.5	Phf2
42	93288_at	0.000166	2777.13	4956.27	Arpc2
43	112908_at	0.000168	490.73	1025.87	Axud1
44	164429_f_at	0.000172	1055.9	1682.4	---

45	161818_f_at	0.000174	279.57	467.5	Pdcd4
46	161357_r_at	0.00019	509.57	987.2	---
47	162702_at	0.000196	2757.77	3821.47	Dusp14
48	139276_at	0.000196	1168.13	1923.77	---
49	160235_at	0.000197	460.4	862.2	5033425B17Rik
50	160423_at	0.0002	243.13	356.23	Mrps2
51	115269_at	0.000216	436.47	856.27	Bin3
52	105832_at	0.000217	561.37	985	---
53	163675_r_at	0.000219	88.13	191.97	Nr4a2
54	94536_s_at	0.000222	3045.97	3845.37	2900073G15Rik
55	169396_r_at	0.000226	1919.97	3561.6	---
56	102870_at	0.000227	4815.7	10976.93	5930418K15Rik
57	111564_at	0.000244	422.17	650.93	---
58	162762_at	0.000257	1108.8	1805.77	---
59	161073_at	0.000289	1949.23	2721.17	C630002B14Rik
60	165219_s_at	0.000293	467.13	588.8	---
61	162608_at	0.000294	136.8	247.8	---
62	92981_at	0.000304	1245.53	1964.63	---
63	162486_f_at	0.000308	538.8	635.9	---
64	165073_f_at	0.000317	307.4	592.13	---
65	101101_at	0.000324	1740.1	2329.1	Ppp2cb
66	170060_r_at	0.000324	4751.67	7112.73	Hoxa11s
67	98106_at	0.000327	420.03	537.5	Timm44
68	102773_at	0.000333	156.93	226.7	Car8
69	100084_at	0.000335	477.63	680.03	Vil2
70	161998_f_at	0.000335	1073.2	1751.13	---
71	95044_at	0.000338	721.07	1096.03	1500003D12Rik
72	103346_at	0.000347	509.33	675.37	Clk2
73	160487_at	0.000362	268.33	601.83	Myl4
74	93686_s_at	0.000372	6.97	87.07	Cit
75	108512_at	0.000389	640.5	890.87	2810038K19Rik
76	114832_at	0.000391	376	829.4	BC023296
77	101947_at	0.000393	539.83	1103.2	Nakap95
78	160442_at	0.000399	369.77	494.43	Cct2
79	163701_at	0.000404	684.77	1033.6	1500041J02Rik
80	102134_f_at	0.000408	490.67	800.53	Atp5g2
81	102194_at	0.000411	510.17	770.07	2810432D09Rik
82	110124_at	0.000417	275.37	356.17	6430573D20Rik
83	171609_r_at	0.000417	14280.63	18180.93	
84	94915_at	0.000437	582.97	820.77	Ppib
85	115131_at	0.000437	1635.73	2110.27	8430419L09Rik
86	106830_at	0.000437	807.83	1624.13	Arhgef7
87	103531_f_at	0.000438	260.8	366.4	---
88	97274_at	0.000439	877.3	1346.67	Psm14
89	162928_f_at	0.00044	8255.73	12307.2	Cdk5r
90	99640_at	0.000452	803.83	1170.6	Minpp1
91	94796_at	0.000457	1368.6	3329.33	Psm11
92	114994_at	0.000457	1628.73	2268.93	Rfx1
93	98143_at	0.000458	524.7	691.4	Fut8
94	134405_at	0.000462	3581.13	6639.93	Egr3
95	161864_f_at	0.000466	437.9	586.5	---
96	95940_f_at	0.000473	145.3	302.47	9830126M18

97	114093_at	0.000483	813.27	1087.47	---
98	103606_r_at	0.000484	288.93	652.93	Rgs19
99	96060_at	0.000489	298.57	380.83	Serpib6a
100	93500_at	0.000493	1358.53	1782.6	Alas1
101	92724_at	0.000507	134.27	201.67	Hnrpa1
102	113337_at	0.000511	512.07	666.2	Miz1
103	170481_at	0.000535	1800.4	2979.17	---
104	112992_at	0.000536	509.1	678	4930402H24Rik
105	109389_at	0.000544	152.13	281.97	4732460C16Rik
106	110371_at	0.000547	507.83	858.9	D130064H19Rik
107	161965_r_at	0.000551	712.77	1033.43	---
108	99095_at	0.000557	376.67	678.7	Max
109	160811_at	0.000561	253.23	344.5	MGC56855
110	101023_f_at	0.000565	584.67	1180.13	---
111	164293_at	0.000574	1032.37	1741.63	---
112	166964_at	0.000579	772.4	1057.33	---
113	93459_s_at	0.000587	763.43	1249.4	Fzd4
114	94347_i_at	0.000588	440.73	569.03	Pcmt1
115	100482_at	0.000589	723.1	1054.6	BC023040
116	136675_at	0.000593	2127.93	3643.63	LOC328644
117	165830_f_at	0.000596	796	1493.43	A330051M14Rik
118	134734_at	0.000597	1421.67	2019.6	---
119	164059_f_at	0.000613	1644.33	3213.6	Cntn1
120	138479_at	0.000618	2799.5	4439.7	Camk1g
121	116412_r_at	0.000622	143.47	375.4	---
122	96709_at	0.000632	4858.37	7394.83	1110008P14Rik
123	112416_at	0.000634	1732.87	2400.2	Ctdspl
124	133702_at	0.000636	2357.53	3077.27	A430091O22Rik
125	162645_at	0.00064	962.4	1352.07	Prkar2b
126	92773_at	0.000647	124.07	186.47	Ier5
127	102924_at	0.000648	1018	1414.97	Dtx1
128	160975_at	0.00065	268.9	525.47	4833417L20Rik
129	108293_at	0.00065	1022.1	1608	Trim6
130	102742_g_at	0.000655	3248.87	7040.67	Mapt
131	109529_at	0.000657	939.07	2910.57	---
132	161214_r_at	0.000661	912.63	1531.6	---
133	164896_f_at	0.000681	810.3	1164.43	---
134	160485_r_at	0.000691	455.87	820.2	Ywhae
135	111343_i_at	0.000697	1646.63	2301.37	2310047O13Rik
136	112395_at	0.000698	143.63	208.67	8430405D05Rik
137	106577_at	0.000706	4721.93	7922.53	Bteb1
138	164383_f_at	0.000708	137.67	292.2	---
139	117199_at	0.000719	361.33	511.2	---
140	101074_at	0.000737	371	503	Ddost
141	162967_r_at	0.00074	3387.6	4645.53	3100002M17Rik
142	135314_at	0.000745	4635.3	7655.5	---
143	168181_i_at	0.000758	1397.83	2201.9	Rps3
144	111421_at	0.000775	1711.43	2403.93	Sh3gl1
145	135401_at	0.000784	1828.13	3334.33	---
146	110360_at	0.000795	550.1	1219.3	3300001P08Rik
147	167055_f_at	0.00081	2927.7	6142.57	Mcl1
148	168944_i_at	0.000814	3227.33	4783.9	---

149	165357_f_at	0.000821	424.3	862.4	---
150	92794_f_at	0.000822	887.27	1350.2	Nme1
151	93589_at	0.000834	1398.57	2411.53	Lysal1
152	135609_at	0.000838	669.1	1052.17	Egln3
153	96042_at	0.000857	359.77	539.2	Sod2
154	160727_at	0.000857	1075.83	1333.4	2410002F23Rik
155	164148_at	0.000861	906.03	1939.1	Gtl2
156	108029_at	0.000865	355.8	526.53	4931428D14Rik
157	95759_at	0.000885	420.2	541.33	2900092E17Rik
158	103959_at	0.000889	155	268.13	Phf13
159	114069_at	0.00089	477.37	1067.17	---
160	109077_at	0.000897	943.67	1417.73	Ube3b
161	108019_f_at	0.000902	581.7	878.47	Hmga1l4
162	138517_at	0.000906	466.47	750.47	1700019B16Rik
163	105580_at	0.000914	411.93	627.13	4930470D19Rik
164	95387_f_at	0.000918	77.23	236.3	Sema4b
165	93048_at	0.000919	583.17	925.33	Clpp
166	92202_g_at	0.000927	1126.27	2324.87	---
167	171624_at	0.000928	77	237.93	
168	164308_f_at	0.000934	643.03	963.67	---
169	101078_at	0.000941	5107.2	6915.03	Bsg
170	108475_at	0.000943	336.77	575.87	---
171	109415_at	0.000945	779.53	1221	Hook1
172	137185_i_at	0.000957	1184.1	1918.47	---
173	97932_f_at	0.000966	570.9	714.9	Cd151
174	96236_at	0.000979	406.53	689.43	Cdc16
175	115360_at	0.000988	1432.43	1783.27	Cul3
176	164885_f_at	0.000989	427.03	835.33	---
177	166582_i_at	0.000992	5648.53	6487.73	---
178	98472_at	0.001008	103.17	153.67	---
179	95053_s_at	0.00102	2661.73	3917.9	Sdhd
180	99607_at	0.001022	2210.57	3859	Skp1a
181	164502_r_at	0.001032	1298.77	2266.73	---
182	115765_at	0.00104	815.97	1114.77	Shprh
183	168820_at	0.00104	233.4	360.4	---
184	93094_at	0.001087	109.83	203.83	Cdr2
185	97448_at	0.001099	1841.57	2968.57	---
186	117188_at	0.001113	196	339.77	Esrrb1
187	96192_at	0.001117	626.13	839.37	Sp3
188	94042_f_at	0.00113	2643.43	3445.73	Gng5
189	162049_f_at	0.001138	123.37	183.83	---
190	160271_at	0.001139	737.23	920.83	---
191	100095_at	0.001157	542.07	691.5	Scarb1
192	161715_f_at	0.00117	318.73	464.37	---
193	116938_at	0.001173	2548.83	8227.57	Spry2
194	112363_at	0.001178	1698.8	2587.3	Sorl1
195	160431_at	0.001186	417.23	868.7	Mrpl12
196	163581_at	0.001197	2913.23	4179.13	Dcamk1
197	102036_at	0.001207	297.23	421.8	1810004B07Rik
198	104007_at	0.001213	220.83	374.73	Slc25a15
199	100952_at	0.001217	629.97	856.57	Stim1
200	113541_at	0.001228	511.47	1015.3	2610019N13Rik

201	98938_at	0.001234	498.27	602.5	1500026D16Rik
202	106245_at	0.001234	1719.7	2170.67	Mllt6
203	163946_at	0.001239	1441.03	2314.43	Baalc
204	95749_at	0.001253	557.67	747.57	Armet
205	93656_g_at	0.001264	405.43	593.03	Usf1
206	114562_at	0.001265	183.03	286	6430526J12Rik
207	164006_at	0.001267	1066.5	1679	Slc7a4
208	108905_at	0.00127	343.47	460.93	---
209	101393_at	0.001273	62.93	137.77	Anxa3
210	170411_at	0.001273	814.07	1184.4	---
211	116094_at	0.00128	967.1	1309.13	BC033915
212	103524_at	0.00129	239.6	362	Cdan1
213	107876_at	0.001298	4100.53	5696.23	2610017I09Rik
214	114937_at	0.001303	1230.17	2087.53	BC032203
215	107124_at	0.001315	541.23	834.77	2810021O14Rik
216	95437_at	0.00132	396.73	522.07	---
217	108440_at	0.001323	409.73	632.73	3100002B05Rik
218	97204_s_at	0.001333	175.83	362.53	Dnajd1
219	97770_s_at	0.001333	767.23	1112.33	D6Wsu176e
220	100446_r_at	0.001339	6210.67	12236.33	Sprr1b
221	94767_at	0.001339	5897.67	9771.8	Rps11
222	162442_r_at	0.001345	255.37	366	---
223	163513_f_at	0.001351	259	616.27	Tm9sf2
224	164317_f_at	0.001356	746.03	1241.27	---
225	111352_at	0.001361	448.13	575.7	Snrpf
226	115414_at	0.001388	753.9	985.3	AW545589
227	100533_s_at	0.001396	116.4	166.9	Crem
228	130491_at	0.001417	3214.17	4305.13	Amn
229	94302_at	0.001423	1013.27	1664.4	Psm4
230	97366_at	0.001429	565.93	734.63	BC026588
231	112886_f_at	0.001442	325.13	518.93	AA517739
232	165458_r_at	0.001445	1828.7	3048.5	2610020H08Rik
233	99535_at	0.001447	1197.17	1746.5	Ccrn4l
234	161889_f_at	0.00146	5298.7	6223.67	---
235	115150_at	0.00146	234.33	415.23	---
236	163370_at	0.001462	334.5	671.93	Osbpl3
237	167197_s_at	0.001469	746.93	1120.87	Sftpa
238	135355_at	0.001473	2189.87	7430.73	---
239	137241_f_at	0.001476	988.57	1528.23	---
240	99185_at	0.001485	495.93	808.4	2810443J12Rik
241	94194_s_at	0.00149	633.43	1178.5	Hcn2
242	170384_r_at	0.001492	663.93	1256.57	---
243	110343_f_at	0.001493	379.87	630.67	Tubgcp5
244	160395_at	0.001495	191.2	429.8	D11Ert603e
245	104778_at	0.001501	363.13	619.57	4933426E21Rik
246	107298_at	0.001509	2268.77	3566	---
247	101989_at	0.001528	3640.67	4891.23	Uqcrc1
248	162833_at	0.001543	1504.1	3256.33	4833436C18Rik
249	106659_at	0.001552	299.5	480.2	6720484B16
250	113524_at	0.001552	325.33	649.07	Pdhx
251	101063_at	0.001555	238.33	742.23	Tncc
252	113656_at	0.001555	437.83	593.3	1110012M11Rik

253	99656_at	0.001566	497.87	740.63	D8Ert812e
254	93531_at	0.00157	1653.57	2121.43	Ndufa8
255	164659_f_at	0.001581	619.03	839.57	---
256	166258_at	0.001592	3038.4	3743.23	Dact2
257	AFFX-MUR_b	0.001611	2802.8	3968.13	---
258	160742_at	0.001623	355.63	446.33	Plod3
259	95290_at	0.001645	337.43	611.2	Crhr1
260	103397_at	0.00165	359.23	508.97	Hrb
261	111118_at	0.001654	118.2	175.4	Stk38l
262	103098_at	0.001656	789.17	967.17	Baiap2
263	95161_at	0.001658	837.13	1257.27	Ctdsp2
264	169823_at	0.001663	3036.43	3693.9	---
265	93043_at	0.00168	4224.17	4990.97	Sdfr1
266	99106_at	0.001687	1771.4	3023.73	Cops6
267	163093_at	0.001705	2449.5	4626.23	Mcoln1
268	109807_f_at	0.001706	190.77	334.23	---
269	163952_at	0.001707	608.13	745.33	Mov10l1
270	134749_f_at	0.001712	2859.23	3607.7	---
271	114904_at	0.001721	289.93	615.9	C730036H08
272	164749_f_at	0.001722	1732.63	3755.23	---
273	94562_at	0.001726	283.9	432.77	Gnpat
274	108969_at	0.001738	531.2	754.87	Msi1h
275	114332_at	0.001741	337.23	475.83	Btbd7
276	139527_at	0.001744	2611.9	3571.47	4930471K13Rik
277	113648_at	0.001756	2218.63	3036.53	2810437L13Rik
278	107483_at	0.001774	355.67	561.2	---
279	163611_f_at	0.001777	1141.27	2395.1	Nudt11
280	163409_at	0.001796	239.4	619.4	6330505F04Rik
281	98904_at	0.001801	371.1	587.7	Mrpl35
282	137542_at	0.001813	801.27	1640.5	AA881470
283	135210_at	0.001833	860.2	1611.37	Polg
284	104033_at	0.00186	644.97	849.33	Mgea6
285	93119_at	0.001871	3831.3	6057.97	Cox5b
286	109418_at	0.001872	706.97	1184.93	A530089117Rik
287	162529_at	0.001874	3674.8	5195.93	Ndufs7
288	97812_at	0.001876	443.3	715.7	Ranbp9
289	98800_at	0.001894	252.93	435.47	Slc23a3
290	105496_at	0.001894	236.73	582.3	Hsf2
291	93582_at	0.0019	274.87	329.57	Coq7
292	137242_f_at	0.0019	2141.53	4183.57	---
293	110969_at	0.00191	513.27	832.33	3110031B13Rik
294	93410_at	0.001914	765.13	1055.2	1810073P09Rik
295	103780_at	0.001928	110.7	194.73	1700021F05Rik
296	93076_at	0.001932	2187.9	3001.9	Csnk1a1
297	160832_at	0.001946	348.6	410.23	Ldlr
298	162806_at	0.001946	2818.2	4602.03	2410004H02Rik
299	95565_at	0.001951	357.8	515.33	Mad2l1bp
300	106469_at	0.001961	631.77	1705.77	Rtn4
301	108515_at	0.001963	533.17	780.77	Tpcn1
302	163658_at	0.00198	600.87	669.47	6430704M03Rik
303	103420_at	0.001989	800.57	1031.17	Emd
304	100527_at	0.002003	1567.77	2088.93	D11Ert899e

305	113626_at	0.00202	345.27	531.7	3110031B13Rik
306	100068_at	0.002041	973.33	1292.47	Aldh1a1
307	94259_at	0.002048	789.43	1316.63	5730442A20Rik
308	164923_f_at	0.002048	359.2	538.07	---
309	100903_at	0.002049	365.73	513.63	Adprt12
310	166739_r_at	0.00205	3632.3	4280.57	---
311	99184_at	0.002054	333.87	443.2	Csad
312	96212_at	0.002063	1209.27	1662.3	2310061I04Rik
313	112740_at	0.002076	564.53	1163.37	Thrap2
314	95707_at	0.00208	1030.1	1793.7	2900010M23Rik
315	113310_f_at	0.002085	2839.77	3625.27	Mjd
316	100828_at	0.002086	509.2	656.7	---
317	109416_at	0.002088	361.93	645.6	Pdgfa
318	95529_at	0.002093	484.97	884.47	Dbnl
319	96652_at	0.002096	868	1142	Mrpl28
320	111038_at	0.002113	1566.8	2485.3	Clasp2
321	104651_at	0.002125	442.9	691.63	C330035N22Rik
322	161127_i_at	0.002125	327.33	495.13	Rpl24
323	170932_at	0.00213	1413.43	1854.67	---
324	100534_at	0.002153	2422.17	2889.43	Tsnax
325	97929_r_at	0.002155	385.3	525.43	Psmc9
326	161763_r_at	0.002155	442.87	1719.63	Pip5k2c
327	167926_f_at	0.002184	680.93	992.07	---
328	95442_at	0.002205	1198	1512.2	MGC18837
329	98132_at	0.002211	505.13	825.77	---
330	164491_at	0.002214	75.23	162.5	---
331	95696_at	0.002221	1354.7	2447.6	Txn12
332	93379_at	0.002227	571.03	759.1	Dpysl4
333	116074_at	0.002256	1697.63	2450.23	Pvr11
334	115735_r_at	0.002276	739.93	1248.97	C6
335	166381_f_at	0.002284	128.7	237.03	4931417E11Rik
336	94246_at	0.002285	444.47	609.8	Ets2
337	92191_at	0.002292	150.57	234.33	2810410A08Rik
338	96943_at	0.002293	1986.4	3339.73	---
339	104861_at	0.002298	180.17	380.8	A530037C04Rik
340	140436_at	0.002305	4315.2	5663.77	Mapk4
341	116858_at	0.002312	709.77	954.6	Mafb
342	107028_s_at	0.002328	542.43	1026.07	5830445C04Rik
343	96232_at	0.00233	632	1040.6	Cul2
344	162962_at	0.002355	906.07	1372.97	B630019K06Rik
345	164458_f_at	0.002356	457	840.67	---
346	162094_f_at	0.002361	154.53	242.07	---
347	111464_at	0.002364	887.93	1218.13	2410153K17Rik
348	112307_at	0.002366	897.7	1069.9	AW541238
349	112388_at	0.002372	2933.57	5959.2	Mmd
350	113255_at	0.002372	57.33	103.47	C6.1A
351	166313_r_at	0.002374	4058.83	5936.87	Stch
352	96258_at	0.002375	2020.57	4019.6	Mgst3
353	101093_at	0.002376	369.07	906.67	Col4a1
354	103695_f_at	0.002387	2023.33	2764.53	C330007P06Rik
355	116927_at	0.002398	608.17	1256.37	Sreb1
356	106620_at	0.002402	1128.13	1503.07	1500019J17Rik

357	107154_f_at	0.002412	948.03	1406.23	---
358	111849_at	0.002414	1760.87	2259.77	---
359	168292_i_at	0.00243	3891.57	5698.53	---
360	116312_at	0.002448	188.67	388.17	LOC234344
361	113691_at	0.002449	527.43	749	Prkab2
362	94002_at	0.002454	1159	1319.47	Cul1
363	94807_at	0.002465	908.33	1205	Slc25a1
364	137328_at	0.002467	2598.1	4366.53	---
365	111837_at	0.002475	251.03	473.4	E430007K15Rik
366	170227_at	0.00248	342.8	906.53	---
367	162457_f_at	0.002498	3113.5	7294.6	---
368	164560_at	0.002499	258.77	406	---
369	116189_at	0.002509	275.4	395.13	2810409H07Rik
370	160482_at	0.00252	652.3	1181.6	Acaa1
371	161879_r_at	0.002533	1064.33	1535.27	---
372	106637_r_at	0.002539	1547.53	1827.67	1810013B01Rik
373	106629_at	0.002541	253.5	370.07	4632411B12Rik
374	95010_at	0.002548	589.93	888.47	Traf3
375	116137_at	0.002548	1853.83	2780.53	---
376	96518_at	0.002559	177.47	302.93	BC037006
377	104120_at	0.002571	709.73	1099.83	5330431N19Rik
378	163241_at	0.002573	236.6	331.93	Bbs4
379	93102_f_at	0.002574	512.97	799.9	Actg2
380	109363_at	0.002576	1764.33	2606.4	Adar
381	101787_f_at	0.002589	1369.57	1818.23	---
382	160230_at	0.002593	1841.33	2394.6	---
383	92394_f_at	0.002594	274.6	489.8	Crebl1
384	162481_f_at	0.002603	835.9	1032.2	---
385	160840_at	0.002604	222.37	346.33	Arhgef3
386	101406_at	0.002611	151.67	222.43	Sult2b1
387	161644_f_at	0.002637	709.23	980.43	---
388	161436_s_at	0.002638	1017	1412.47	---
389	96858_at	0.002653	595.57	1072.6	Pdcd8
390	96873_at	0.002669	570.87	767.3	AI591476
391	101079_at	0.002692	223.3	311.1	Nxf1
392	99669_at	0.002734	398.97	558.47	Lgals1
393	98937_at	0.002737	847.27	1032.37	Tbrg1
394	117217_at	0.002749	1057.33	2014.1	Wasf1
395	101596_at	0.002755	109.83	212.5	---
396	104117_at	0.002771	95.9	164.33	4930421J07Rik
397	104562_at	0.002784	313.93	383.9	5730403M16Rik
398	112003_at	0.00279	1054.73	1686.87	B430110G05Rik
399	101067_at	0.002794	697.5	840	BC023814
400	94132_at	0.00281	757.33	933.87	---
401	165671_f_at	0.002811	620.3	918.67	Fn3k
402	102308_at	0.002814	395.03	699.3	Tulp3
403	96621_at	0.002815	444.13	664.33	1110061L23Rik
404	161487_f_at	0.002853	612.27	891.77	---
405	116103_at	0.002862	1239.6	1631.4	---
406	101486_at	0.002868	1160.53	1777.63	Psmb10
407	94830_at	0.002886	576.9	906.7	BC005537
408	161495_r_at	0.002889	136.73	193.2	---

409	103371_at	0.002898	1203.1	1593.7	---
410	97374_at	0.002911	319.77	576.63	2810025M15Rik
411	167190_r_at	0.002918	1009.07	1861.67	---
412	104954_at	0.002922	339.87	540.83	---
413	169799_r_at	0.002946	1089.77	1568.47	---
414	116178_at	0.002952	515.67	721.3	Hmga2
415	95602_at	0.002976	2253.13	2837.9	Trpc4ap
416	93511_at	0.00298	390.23	660.9	ltn2a
417	115190_at	0.003001	332.3	499.67	Piasy
418	95493_at	0.003023	658.47	876.17	Col6a1
419	113730_at	0.003034	458.8	725.33	Esrrb1
420	93257_at	0.00305	861.4	1083.17	Ddx1
421	103584_at	0.003055	4659.17	6615.87	4933407C03Rik
422	166464_r_at	0.003064	204.1	392.73	---
423	109705_s_at	0.003066	1611.2	2272.17	D2Bwg1335e
424	94530_at	0.003071	501.67	628.8	C85417
425	165367_f_at	0.003072	2382.5	3381.1	---
426	99339_r_at	0.003094	491.7	1041.53	Kcnd2
427	99947_at	0.003096	260	332	Tial1
428	104371_at	0.003097	195.7	294.47	Dgat1
429	94113_at	0.003097	258.43	461.87	---
430	163126_at	0.0031	274.9	511.6	Rbm16
431	162524_at	0.003101	2273.53	2987.37	E230019G03Rik
432	103527_at	0.003106	341.87	452.93	A330108F03Rik
433	98862_at	0.003117	235.57	364.37	Wnt10a
434	170223_f_at	0.003136	6570.87	9056.2	---
435	112975_at	0.003163	374.7	579.2	A330074B06Rik
436	104071_at	0.003169	2434.1	2853.23	Tnpo2
437	163638_i_at	0.003173	92.43	154.3	4933403G14Rik
438	114497_at	0.003185	1905.83	2329.03	1110012J17Rik
439	107572_at	0.003201	1258.63	1507.6	Taz
440	105746_at	0.003227	1847.8	2558.3	---
441	107319_at	0.003238	212.57	359.4	---
442	98575_at	0.003248	990.23	1293.23	Fasn
443	98072_r_at	0.003266	35.63	83.47	Dck
444	110545_at	0.003283	209.97	409.97	---
445	106872_at	0.003284	1166.07	1426.97	AW046396
446	104299_at	0.0033	414.13	564.37	Zdhhc14
447	101179_at	0.003313	1433.17	2331.53	---
448	97207_f_at	0.00333	269.87	495.17	Lypla1
449	117321_at	0.003333	1865.8	2393.9	---
450	103748_at	0.003336	443.4	1198.1	4933407C03Rik
451	100915_at	0.003345	460.1	966.33	Myh9
452	164530_f_at	0.003358	1226.27	1605	---
453	102431_at	0.003361	5696.77	9021	Mapt
454	96076_at	0.003371	588.8	868.27	Stx5a
455	100718_at	0.003375	1836.57	3298.83	Ptma
456	164407_f_at	0.003391	1218.87	1886.3	---
457	160869_at	0.003416	532	718.2	Sirt3
458	164680_s_at	0.003418	727.6	1115.23	---
459	93033_at	0.003423	115.6	207.53	Ube2e3
460	96875_r_at	0.00343	49.6	126.67	AI591476

461	115631_at	0.00343	726.03	1034.37	---
462	112361_at	0.003434	1090.63	1411.63	Coq6
463	105343_at	0.003447	244.37	481.7	---
464	99620_at	0.003457	75	148.77	Sfpq
465	163663_at	0.003471	1046.6	1711.47	---
466	111845_at	0.003472	3064.13	5557.53	---
467	164112_at	0.003479	540.47	913.9	4632415L05Rik
468	160146_r_at	0.003491	381.23	531.33	Polr2c
469	102108_f_at	0.003505	203.9	284.37	---
470	162573_at	0.003514	2720.87	3517.13	5330410G16Rik
471	164266_at	0.003514	270.8	517.7	Nlk
472	107462_at	0.003527	429.77	639	5730528L13Rik
473	109630_at	0.003531	184.73	306.8	C630007L23Rik
474	112876_at	0.003536	5634.33	7633.17	---
475	111970_at	0.003539	122.8	285.6	---
476	116877_at	0.003553	4406.53	5481.6	---
477	168591_r_at	0.003555	1184.1	1912.2	---
478	104242_f_at	0.003569	512.67	642.57	4930578F06Rik
479	170586_r_at	0.003582	12780.5	14950.93	---
480	97443_at	0.003583	1321.53	1860.07	Mrpl52
481	160075_at	0.003588	281.1	410.17	Nit1
482	93829_at	0.003591	164.33	222.4	Rod1
483	93421_at	0.003608	1618.93	2030.2	Pftk1
484	135202_at	0.003613	3308.1	4120.73	---
485	109734_at	0.003614	2051.73	2919.77	Dncl1c1
486	164532_r_at	0.003628	1082.03	1710.4	---
487	98032_at	0.003634	222.83	346.43	Zfp35
488	162733_at	0.003643	723.6	960.63	Ptpla
489	110157_at	0.003679	1265.8	1909	BC024814
490	110435_at	0.003701	190.4	307.7	AI316828
491	115608_at	0.003733	112.97	395.97	---
492	160090_f_at	0.003754	12457.6	14228.17	Aldo1
493	92842_r_at	0.003768	29.03	48.7	Chgb
494	114058_at	0.003789	257.8	376.47	3000004C01Rik
495	137531_at	0.003793	3739.7	5324.67	---
496	95147_at	0.003865	620.37	745.73	Pgls
497	112310_r_at	0.003866	85.63	170.07	Slc25a16
498	110279_at	0.003874	2408.4	2561.97	Tmc4
499	115669_at	0.003881	266.93	395.47	A830039N02Rik
500	167951_at	0.003901	1346.63	1774.1	---
501	95091_at	0.003905	741.33	930.33	Sec13r
502	95453_f_at	0.003911	783.13	1034.93	S100a1
503	117294_at	0.003927	8450.23	10520	Zfp179
504	98953_at	0.003934	2833	4231.4	1500010M16Rik
505	95655_at	0.003936	37.33	64.3	5830411E10Rik
506	100429_at	0.003943	134.8	234.47	---
507	92628_at	0.00395	2040.6	2942	Rpl36
508	130534_i_at	0.003982	23275.6	28562.33	4930471K13Rik
509	109788_f_at	0.003992	537.9	915.47	---
510	99335_at	0.004026	1556.93	3263.03	Hk1
511	109797_at	0.004055	959.7	1198.7	Zfp60
512	160121_at	0.004078	315.63	412.57	Galk2

513	97201_s_at	0.00409	2987.17	4563.83	Ndufa5
514	101210_at	0.004102	745.33	1032.63	---
515	92424_at	0.004119	168.93	288.67	AI839920
516	165022_f_at	0.004141	463.73	834.4	---
517	115968_at	0.004144	187.8	278.43	5033405K12Rik
518	135781_at	0.004146	932.7	1267.73	---
519	109715_at	0.004153	4005.7	4946.97	Cugbp1
520	97356_at	0.004214	1687.1	2539.17	1810008O21Rik
521	97273_at	0.004227	610.63	752.4	Ars2
522	92555_at	0.004249	199.5	295.7	Tm4sf6
523	106911_at	0.004271	666.93	1027.8	Dnm
524	116577_at	0.004281	456.1	639.63	C230080I20Rik
525	96021_at	0.004297	791.6	994.03	0710001C05Rik
526	104106_at	0.0043	173	291.07	Sbno1
527	104716_at	0.004306	136.53	180.77	Rbp1
528	170945_f_at	0.004312	1386.03	1623.37	---
529	164746_f_at	0.004314	1786.03	3372.7	---
530	130033_at	0.004346	274.73	367.93	1810012P15Rik
531	160964_at	0.004351	3197.3	3936.8	D16Bwg1494e
532	164636_f_at	0.004356	118.9	217.4	---
533	169766_r_at	0.004387	791.37	1128.17	---
534	135613_at	0.004389	198.87	650.13	Trim41
535	96291_f_at	0.004407	2425.8	3064.27	---
536	113200_at	0.004409	1147.3	1507.4	---
537	112719_at	0.00441	1932.7	3386.8	D6Erd349e
538	94835_f_at	0.004433	13640.1	16905.53	Tubb2
539	164377_f_at	0.004443	2840.03	3954.67	---
540	164725_f_at	0.004451	86.83	238.37	---
541	164305_at	0.004453	93.47	237	---
542	103875_at	0.004457	529.27	651.2	AW552001
543	100515_at	0.004485	543.1	867.03	Furin
544	136224_at	0.004491	537.7	724.8	MGC39058
545	164090_i_at	0.004511	117.33	276.4	---
546	164301_f_at	0.004516	151.63	273.7	---
547	101959_r_at	0.004537	777.2	1213.1	Tfdp1
548	169465_s_at	0.004537	1052.07	1840.7	---
549	161808_f_at	0.004539	229.4	388.07	---
550	100576_at	0.004561	219.23	309.87	Pafah1b3
551	115965_at	0.004586	1052.27	1364.13	---
552	163920_at	0.004602	154.57	252.77	E330005K07Rik
553	113145_at	0.00461	752.8	1021.1	Xpo5
554	93559_at	0.004637	784.5	1034.2	Apex1
555	166527_f_at	0.004649	462.7	675.3	---
556	161494_f_at	0.004658	395.9	580.27	---
557	111745_at	0.004667	263.43	346.93	Zfp148
558	113588_f_at	0.004681	4234.97	5456.63	Kif5b
559	109925_at	0.00469	547.03	1147.5	AI043120
560	113312_at	0.004725	1272.43	1708.63	Pscd1
561	164193_at	0.004733	221.53	319.03	3830421F13Rik
562	104491_at	0.004753	233.13	337.1	1110054G21Rik
563	140323_r_at	0.004762	1553.6	2452.43	1110019L22Rik
564	95470_at	0.004765	364.73	702.5	Gdpd1

565	93019_at	0.004793	733.3	1196.83	H2afx
566	115334_at	0.004799	776.1	1155.23	---
567	100122_at	0.004801	624.73	936	Gnb5
568	103345_at	0.004819	4014	4506.83	Spna2
569	161816_r_at	0.004835	1729.7	2391.03	---
570	93067_f_at	0.004842	281.53	451.8	Hist2h2aa1
571	100041_at	0.00485	967.97	1454.87	3010027G13Rik
572	169499_r_at	0.004864	680.97	1453.13	---
573	108536_at	0.004885	360.1	501.83	Slc15a4
574	111882_r_at	0.004901	94.1	197.03	Tspyl
575	110746_f_at	0.004902	1635.23	2584.83	---
576	111355_at	0.00492	142.53	262.4	2010110K24Rik
577	112291_r_at	0.004923	123	283.63	BC023823
578	98418_at	0.004927	1675.27	2562.53	Dvl1
579	163058_at	0.004937	293.1	356.17	Sox9
580	110165_at	0.004949	141.23	236.83	Nanos1
581	108753_at	0.00496	731.37	913.47	1810027I20Rik
582	102912_at	0.004961	2752.2	3279.67	5430432P15Rik
583	108289_at	0.004976	213.43	325.83	BC031593
584	136199_at	0.004983	1190.57	1684.47	---
585	99096_at	0.004984	714.13	833.57	Ddx24
586	163190_at	0.004987	192.73	361.97	Acvrl1
587	105469_at	0.004989	364.87	593.37	BC019560
588	104366_at	0.005013	526.93	775.9	BC039093
589	161510_f_at	0.005032	7592.1	10179.57	---
590	160195_at	0.005033	1742.83	2244.5	1200013P24Rik
591	113701_at	0.005063	1260.2	1962.37	Zdhhc8
592	103779_at	0.005068	399.8	678.87	1810012I01Rik
593	95023_at	0.005073	2218.87	2904.5	BC023957
594	93118_at	0.005081	123.13	239.23	Hnrpa2b1
595	94929_at	0.005094	723.7	1177.63	Ptpn1
596	164717_f_at	0.005113	266.63	427.63	---
597	106615_at	0.005114	1033.63	1447	Ankrd17
598	163015_at	0.005122	838.77	1249.63	Amn
599	169773_r_at	0.005123	2021.23	3037.5	---
600	171283_r_at	0.005124	4466.87	6316.77	
601	94062_at	0.005126	2633	3822.07	Ndufv2
602	160170_at	0.005127	4356.4	5230	Stmn3
603	107581_at	0.005134	2021.43	2974.73	Cdc42bpb
604	165757_i_at	0.005137	2443.2	3305.23	---
605	101499_at	0.005146	478.1	634.5	Ilk
606	160263_r_at	0.005161	391.5	552.6	Ndfip2
607	94238_at	0.005163	35.43	104.4	2310046G15Rik
608	115402_at	0.005166	699.7	915.97	2700087I09Rik
609	107130_at	0.005171	149.03	188.4	4931428F02Rik
610	AFFX-MUR_b	0.005177	1440.33	2060.63	---
611	115129_at	0.005195	494.63	771.17	AW907654
612	160661_at	0.005202	500.6	633.6	5730472N09Rik
613	100628_at	0.005234	1079.7	2766.13	---
614	109157_at	0.005246	277.37	438	Mrps30
615	113618_r_at	0.005281	178.43	315	2810002N01Rik
616	104725_at	0.005293	175.63	262.87	Arhq

617	114752_at	0.005294	38.5	115.4	D930038M13Rik
618	96296_at	0.0053	296.43	439.03	Mrpl15
619	160801_at	0.005308	776.63	947.27	2310009N05Rik
620	110763_at	0.00531	3386.87	4491.6	Hdac11
621	104605_at	0.005329	577.43	739.57	1110001I14Rik
622	94818_at	0.00534	600.33	798.93	Ogt
623	112900_at	0.005343	1006.13	1554.6	Mrp63
624	102137_f_at	0.005359	1423.37	1746.3	---
625	111894_at	0.005369	448.23	688.53	Mrpl32
626	98557_f_at	0.005373	3316.07	4184.43	Psmb4
627	137556_r_at	0.005373	818.17	1541.17	---
628	165178_f_at	0.005381	478.17	649.97	---
629	168187_at	0.005393	237.3	393.53	Smarca1
630	138052_g_at	0.005404	3397.03	5305.33	---
631	100964_at	0.005417	1625.2	2146.67	Vti1b
632	115251_at	0.005417	1177.47	1492.83	Katnb1
633	93319_at	0.005421	396.47	602.23	Rasa3
634	162971_r_at	0.005424	134.03	224.1	C330023F11Rik
635	104345_at	0.005471	427.53	561.63	Exo70
636	98029_at	0.005483	369.6	531.23	3110056O03Rik
637	165329_r_at	0.005485	1185.37	1881.23	---
638	111966_at	0.005492	758.53	1374.5	Hist3h2ba
639	98884_r_at	0.005501	414.7	751.6	Ndel1
640	103732_at	0.005519	1159.83	1478.07	Pib5pa
641	129210_at	0.005523	541.27	791.03	---
642	105115_at	0.005536	509.6	706.9	C130058G22Rik
643	160129_at	0.005546	698.3	840.93	Eef1d
644	95131_f_at	0.005553	5167.67	6840.3	Ndufb2
645	134206_f_at	0.005572	7032.1	8460.2	Grpel1
646	164838_f_at	0.005599	122.67	285	---
647	101081_at	0.005623	2832.8	3525.9	Ctbp1
648	164621_i_at	0.005626	4209.67	6580.93	---
649	166118_i_at	0.005628	1599.1	2410.1	Rad51ap1
650	162771_at	0.005645	1480.97	1814.4	0610007H07Rik
651	112913_at	0.005648	489.93	931.33	mKIAA1064
652	95081_at	0.00566	249.87	434.93	2310032N20Rik
653	164461_f_at	0.005675	254.03	492.33	---
654	101462_r_at	0.005678	122.67	324.97	Pja1
655	106638_at	0.005685	535.7	744.37	Ptgfrn
656	164988_f_at	0.005685	1025.77	1673.7	---
657	167794_f_at	0.005696	293.8	394.03	Stag3
658	108614_f_at	0.005717	29193.9	32705.13	---
659	98525_f_at	0.005735	2463.07	3947.1	D14Wsu89e
660	165276_r_at	0.005742	464.87	1362.1	4733401O11Rik
661	162600_at	0.005745	415.27	582.17	Tgfbr2
662	93991_at	0.005752	6583.7	7901.33	Mor1
663	96289_at	0.005768	920.67	1226.37	Stoml2
664	160805_s_at	0.005777	510.33	626.67	Mpdu1
665	94047_at	0.005782	816.97	1185.7	0610031J06Rik
666	114671_at	0.005796	439.8	570.2	2700082D03Rik
667	102700_at	0.005804	3409.23	4645.33	Tbr1
668	95137_at	0.005805	566.57	749.37	1810014L12Rik

669	100079_at	0.005807	2636.17	3370.53	Ndufb9
670	106572_at	0.005827	3035.8	4093	Mtmr6
671	113331_at	0.005841	4354.27	5854.93	Wdr7
672	100972_s_at	0.005843	2173.07	2862.8	Ccl27
673	161183_at	0.005865	193.27	303.2	---
674	162735_at	0.005871	300.43	437.83	Mknk1
675	161363_r_at	0.005872	910.8	1417.93	---
676	106274_at	0.005899	788.5	1013.83	2210412D01Rik
677	103894_at	0.005925	861.47	1130.87	Shkbp1
678	136270_at	0.005938	374.43	622.6	Crhbp
679	116607_at	0.00594	153.5	351.63	9130001M19Rik
680	167764_f_at	0.00599	2368.87	4642.3	Laptm5
681	101492_at	0.005999	409.23	584.43	Pin1
682	111976_at	0.006026	301.37	486.37	---
683	100101_at	0.006034	979.57	1243.67	Snrpa
684	111988_g_at	0.006086	690.03	793.07	Dhx8
685	99651_at	0.006094	562.73	807.17	2610209M04Rik
686	170031_f_at	0.006097	485.23	672.63	---
687	111889_at	0.006102	324.27	514.4	Gtf3a
688	135828_at	0.006108	824.8	1149.53	LOC329416
689	114122_at	0.00614	1097.7	1256.83	Anks1
690	162501_at	0.006156	163.43	328.43	---
691	115559_at	0.006167	443.9	610.37	2900024C23Rik
692	164443_at	0.006183	150.5	343.63	---
693	92771_at	0.006215	507.8	728.77	Zfp207
694	165372_at	0.006215	658.4	997.13	---
695	163841_f_at	0.006242	580.57	813.2	BC031781
696	162263_f_at	0.006271	159.4	236.97	---
697	107612_at	0.006279	1505.13	1894.23	BC017607
698	97254_at	0.006282	366.8	464.57	Rbm8
699	113564_at	0.006292	719.73	1202.93	1810014F10Rik
700	101002_at	0.006296	2398.37	2945.27	Oazin
701	112967_at	0.006312	3438.87	5264.27	Ppp1r1c
702	169033_r_at	0.006325	393.63	682.7	---
703	102727_at	0.006326	700.13	2233.63	Bdnf
704	113299_at	0.006341	4085.73	5957.63	Tnnt1
705	164550_f_at	0.006354	659.2	1025.63	---
706	97353_at	0.00636	755.1	938.3	Dab2ip
707	129251_r_at	0.006363	305.9	410.13	2610511M17Rik
708	106597_at	0.006376	327.27	449.9	Gemin7
709	93390_g_at	0.006395	100.5	134.63	Prom1
710	138968_f_at	0.006396	3948	4482.63	Adcy5
711	109817_f_at	0.00642	1368.9	1989.67	---
712	106502_at	0.006447	2331	3139.1	Rap2ip
713	94247_at	0.006448	65.83	164.57	5730453H04Rik
714	94826_at	0.00648	682.53	845.67	Itgb4bp
715	101568_at	0.006487	426	563.17	1700024N20Rik
716	93178_at	0.006516	5111.87	6742.97	Ngef
717	104578_f_at	0.006521	1082.57	1460.1	Strm
718	101854_r_at	0.006522	314.5	712.7	Bat3
719	165300_i_at	0.006523	409.17	682.53	---
720	110286_at	0.006524	426.9	522.9	Maob

721	105688_f_at	0.006539	2163.1	2981.6	---
722	96951_at	0.006572	4327.4	5086	Atp6v1d
723	160168_at	0.0066	562.43	676.5	Fbxo3
724	102268_at	0.006619	531.07	699.83	1700021P10Rik
725	165617_at	0.006628	616.73	907.8	Ptplb
726	109989_at	0.006675	310.57	518.2	BC003236
727	94979_at	0.006686	679.87	862.8	BC018507
728	95132_r_at	0.006697	3870.33	6418.43	Ndufb2
729	161948_f_at	0.006721	194.43	250.2	---
730	104115_at	0.006723	308.73	381.83	Psme4
731	113671_at	0.006729	136.57	254.4	Dpys
732	97917_at	0.006732	609.87	762.73	Gcn5l1
733	164847_f_at	0.006736	280.57	443.63	---
734	92528_at	0.006745	1234.63	2116.53	Bai1
735	103672_at	0.006749	377.47	493.47	---
736	108565_at	0.006754	767.57	1006.03	E430002G05Rik
737	95385_at	0.006771	526.63	629.83	AA408556
738	110750_at	0.006781	1052.4	1253.67	2410016O06Rik
739	164280_f_at	0.006785	382.23	771.67	---
740	130687_at	0.006786	2890.07	3786.07	---
741	160426_at	0.006787	573.1	667.6	Rpo1-1
742	136291_at	0.006801	1107.23	1363.77	---
743	161221_f_at	0.006806	112.07	178.6	---
744	103935_at	0.006838	284.6	484.47	Atp2a3
745	160350_at	0.006881	669.93	949.07	Gstz1
746	103534_at	0.0069	7298.03	12812.07	---
747	107629_at	0.006956	1195.77	1684.57	2610010O19Rik
748	94516_f_at	0.006961	1416.3	3474.57	Penk1
749	107111_at	0.006966	1203.73	1555.57	1200013I08Rik
750	164889_f_at	0.006979	160.47	345.27	---
751	163590_at	0.006981	403.83	502.33	BC011290
752	162460_f_at	0.006996	121.43	176.27	---
753	116947_at	0.00701	532.37	782.3	2810430J06Rik
754	114984_at	0.00708	2005.33	2436.1	---
755	104258_at	0.00709	663.93	745.17	Acyp2
756	164531_f_at	0.007102	768.1	1450.7	---
757	107220_i_at	0.00711	204.5	278.47	---
758	106935_at	0.007123	908.37	1301.9	1110001I14Rik
759	107145_at	0.007147	1346.13	1574.73	Gga3
760	116676_at	0.007159	3168.17	4726.17	Cdc42
761	116414_at	0.007189	319.03	563.13	Rnf149
762	160477_at	0.007284	68.53	106.93	Ndufa4
763	97925_at	0.007285	777.07	1042.13	Csnk1e
764	164497_r_at	0.007286	4030.73	5066.57	---
765	93874_s_at	0.007308	383.03	498.77	Il11ra2
766	161980_f_at	0.007311	23.97	54.6	---
767	105497_at	0.007315	253.5	440.17	---
768	104608_at	0.007326	140.93	238.3	---
769	98563_f_at	0.007331	940.67	1092.37	Mcrs1
770	94263_f_at	0.007358	2013.67	2417.77	---
771	92216_at	0.007361	277.43	574.33	Madh7
772	114781_at	0.007362	344.63	525.13	Emilin3

773	132131_at	0.007372	2588.73	3206.83	---
774	106482_at	0.007377	719.7	1306.77	---
775	164195_at	0.007379	477.87	690.67	Smap1
776	171391_at	0.007386	2282.87	3069.73	
777	161070_at	0.007419	644.37	870.8	Spred2
778	99019_at	0.007428	562.7	753.13	Por
779	95120_at	0.007435	678.73	1132.2	Tm4sf13
780	99442_at	0.007446	725.67	1035.83	Resp18
781	104428_s_at	0.007477	791.3	1357.13	Matk
782	164477_f_at	0.007536	1416.7	2191.83	---
783	113580_at	0.007547	609.57	641.97	Cebpg
784	96114_at	0.007573	309.7	410.87	Ppp1r1a
785	96132_at	0.00758	503.2	829.9	AB023957
786	103620_s_at	0.007605	435.3	737.9	Smn
787	108047_at	0.007646	446.8	546.7	2010003J03Rik
788	96864_at	0.007661	358.8	494.9	Al648866
789	109789_s_at	0.007674	663.83	858.13	---
790	167666_r_at	0.007674	548.93	926.8	---
791	93809_at	0.007683	1414.07	1660.8	Aup1
792	106299_at	0.007685	315.43	415.77	2010103A03Rik
793	134760_at	0.007691	675.47	996.13	1500010M24Rik
794	113231_at	0.007702	184.97	265.13	1700123O20Rik
795	103497_at	0.00772	70	124.63	BC025546
796	109079_f_at	0.007722	2889.57	4017.63	5730446C15Rik
797	169829_r_at	0.007732	537.03	936.47	---
798	113606_at	0.007761	568.53	697.2	Syap1
799	163171_at	0.007769	1229.8	1491.1	2610204M08Rik
800	160894_at	0.007778	151.3	340.63	Cebpd
801	160963_at	0.0078	780.9	961.67	9630050M13Rik
802	92610_at	0.007803	294.43	470.47	Rdbp
803	105512_at	0.007815	120.1	176.1	6330583I20Rik
804	107364_at	0.007815	208.13	306.83	---
805	164418_f_at	0.00783	529.07	730.33	---
806	102786_at	0.007844	3839.5	4610.7	Clcn3
807	168912_f_at	0.007844	13144.33	16194.93	---
808	100438_at	0.007851	329.4	490.73	Gpr19
809	160572_at	0.007855	351.8	430.13	Dhx15
810	113211_at	0.007872	350.93	706.47	BC023126
811	93362_at	0.007888	8325.6	10665.77	Ap2m1
812	104534_at	0.007938	137.1	177.7	Pgm1
813	97200_f_at	0.007984	899	1489.83	Snrpe
814	171010_at	0.007984	237.03	329.5	---
815	160688_at	0.007986	748.67	1033.73	Golph3
816	161184_f_at	0.007987	61.33	112.83	---
817	102124_f_at	0.007996	312.27	529.93	---
818	98492_at	0.007998	513.97	679.93	Cklfsf7
819	93844_at	0.008001	5893.87	8172.17	1500040F11Rik
820	163053_at	0.008004	1049.07	1526.43	Arhe
821	93190_at	0.008006	195.73	260.2	---
822	166274_f_at	0.008032	2952.2	3558.3	1110061L23Rik
823	98350_at	0.008045	327.07	449.6	Sstr2
824	103467_g_at	0.008048	536.7	778.53	---

825	94348_f_at	0.008055	1991.2	2457.5	Pcmt1
826	94420_f_at	0.008055	467.1	600.87	Cry1
827	99126_at	0.008066	155.43	504.5	---
828	109728_at	0.008078	1079.1	1483.8	Rtn3
829	103960_at	0.008103	2047.27	2965.63	Rap2ip
830	165145_s_at	0.008103	1109.57	1577.57	---
831	162549_at	0.008104	1146.93	1487.17	5031400M07Rik
832	95123_at	0.008123	195.63	289.6	4930566A11Rik
833	109016_at	0.008171	1068.33	1299.3	---
834	170475_r_at	0.008181	511.23	837.6	---
835	98975_at	0.008197	75.97	119.83	2410008G02Rik
836	164045_at	0.008253	492.67	664.1	---
837	102807_at	0.008254	853	1059.87	9230112O05Rik
838	104386_f_at	0.00827	3210.9	4422.4	Itgav
839	111826_at	0.008272	2494.3	3225.7	Wasbp
840	99444_at	0.008292	326.47	450.93	Ramp2
841	95963_at	0.008326	172.63	271.17	C77370
842	162938_at	0.008346	1029.97	1192.9	AI836810
843	97277_at	0.008358	205.13	308.4	1810015M01Rik
844	116642_f_at	0.008359	236.07	359.43	2310036D22Rik
845	161243_f_at	0.00836	1456	1732.67	---
846	129278_at	0.008361	414.2	1038.1	Pnkp
847	116942_at	0.008416	1771.9	3087.77	Picalm
848	97358_at	0.008422	5096.27	5992.47	Lphn1
849	96322_at	0.008437	1120.57	1309.37	Edf1
850	100042_at	0.008444	842.1	1056.7	Hagh
851	113070_at	0.008457	830.7	1495.5	---
852	163418_at	0.008473	378.2	511.47	---
853	113451_at	0.00848	1197.43	1665.5	Dnmt3l
854	95109_at	0.008519	552.03	703.33	Nol5a
855	166210_i_at	0.008529	5310.4	5994	AI447711
856	97296_at	0.008534	180.83	234.9	Mrpl44
857	92291_f_at	0.008546	66.43	168.37	Cfhl1
858	104135_at	0.008562	720.73	839.43	Arl3
859	115883_g_at	0.008563	489.87	664.2	Mapk11
860	167732_r_at	0.008574	862.8	1477.57	---
861	164228_at	0.008584	1816.87	2403.97	Ces1
862	163666_at	0.008594	410.53	748.33	6330404A12Rik
863	92603_at	0.008621	4782.57	5469.87	Atp6v0d1
864	95412_at	0.008648	562.83	789.1	Pdcd6
865	106837_at	0.00865	269.03	435.6	---
866	101542_f_at	0.008655	1074.8	1385.53	Ddx3x
867	105815_at	0.008655	344.8	804.5	---
868	106255_at	0.008656	1443.77	1681.4	D10Ert516e
869	94907_f_at	0.008674	2361.97	3059.23	1110001J03Rik
870	164797_f_at	0.008708	2473.3	2849.73	---
871	167054_at	0.00872	547.73	819.43	---
872	116009_at	0.008749	241.13	293.3	---
873	112356_at	0.008774	363.1	644.63	---
874	130799_at	0.008775	2158.87	2552.8	9130020K17Rik
875	162125_f_at	0.008796	1052.97	1445.13	---
876	94400_at	0.008826	1139.27	1353.2	1110051M20Rik

877	116105_at	0.008874	1330.13	1917.47	A130092J06Rik
878	101694_f_at	0.008877	144.13	222.03	Myst2
879	96113_at	0.008886	934.9	1327.3	D18Wsu98e
880	113294_at	0.008917	849.47	1149.53	2810027J07
881	164341_f_at	0.008918	121.67	219.2	---
882	95721_at	0.008921	670.17	805.9	Mapkapk2
883	112824_at	0.008924	953.2	1254.37	1110015K06Rik
884	161396_f_at	0.008934	649.3	1046.87	---
885	135744_at	0.008938	8318.3	14384.57	Jph3
886	99925_f_at	0.008952	612.97	711.2	Tubg2
887	94032_at	0.008976	1799.87	2360.63	Apoa1bp
888	112313_at	0.008981	283.77	415.17	1110059G10Rik
889	115844_at	0.008994	813.57	1038.47	1810008K03Rik
890	164832_f_at	0.009059	1533.47	2047.67	---
891	96899_at	0.009063	2941.93	3665.73	Ndufs3
892	98936_at	0.009088	705.13	1003.93	Sars1
893	164325_f_at	0.009116	488.1	772.53	BC006705
894	103273_s_at	0.009181	207.83	362.13	Abcc8
895	170984_at	0.009196	9192.43	11061.97	E330036L07Rik
896	165009_f_at	0.00922	507.47	720.8	Cln2
897	94531_at	0.009239	669.77	960.67	2310005O14Rik
898	101042_f_at	0.009278	184.17	296.67	Slc7a10
899	116303_at	0.00933	186.07	272.83	Al115454
900	94043_at	0.009332	2996.47	3261.57	Atp6ap1
901	115741_at	0.009363	472.03	580.27	Pik3cb
902	96610_at	0.009392	1895.97	2472.33	Atp6v1h
903	105402_at	0.009394	756.93	1083.57	---
904	105802_at	0.009397	210.77	356.6	---
905	113837_f_at	0.00941	689.43	896.97	Asb13
906	163690_at	0.00943	307.87	447.27	Ednra
907	98129_at	0.009437	4989.9	6702.63	---
908	AFFX-PyruCa	0.009446	1084.87	1452.6	Pcx
909	94367_at	0.009453	258.97	338.7	AA407809
910	99101_at	0.009456	1165.97	1321.33	Eif3s7
911	112445_at	0.009475	494.67	609.53	Slc39a14
912	93581_at	0.009478	3145.37	4082.87	Ndufb8
913	105276_f_at	0.009497	694.1	1444.9	---
914	103964_at	0.009499	775.3	1002.7	Esrra
915	100225_f_at	0.009507	269.7	438.07	---
916	171221_at	0.009507	870.27	1054.6	Gars
917	100009_r_at	0.009511	1413.53	1823.27	Sox2
918	164990_f_at	0.009529	147.57	288.87	---
919	103247_at	0.009533	480.9	632	Mpp3
920	112703_at	0.009548	3194.8	4296.83	Eid2
921	133820_at	0.009558	652.43	930.37	2810429C13Rik
922	93008_at	0.009569	663.6	875.83	Lsm4
923	94876_f_at	0.00958	1617.8	2019.8	Gorasp2
924	92925_at	0.00958	292.43	410.87	Cebpb
925	109175_at	0.009654	1062.9	1433.13	2010311D03Rik
926	113552_at	0.009656	1887.6	2215.97	2810405K02Rik
927	111532_at	0.009657	1331.83	1813.67	2510002C16Rik
928	164992_f_at	0.009671	1619.17	2185.23	---

929	111491_at	0.009693	363.37	595.3	Klhl2
930	109424_at	0.009697	750.67	1072	2410021P16Rik
931	163512_at	0.009725	658.73	1689.77	Fosl2
932	164012_at	0.009762	1174.93	1338.33	6330410P18Rik
933	93975_at	0.009771	708.6	1007.9	1300002F13Rik
934	116671_at	0.009771	899.87	1095.17	2700079M14Rik
935	101525_at	0.009777	2043.47	2642.67	Ndufb10
936	161997_f_at	0.009783	81.37	137.07	---
937	108908_at	0.009803	1631.87	1808.87	Arnt
938	112850_at	0.009821	873.23	1278.03	2900002H16Rik
939	168810_r_at	0.009829	562.83	744	---
940	160690_at	0.009851	487.03	726.4	Csnk2a1
941	167787_at	0.009858	809.13	1173.4	---
942	134726_f_at	0.009859	479.03	773.57	Slc1a7
943	135755_at	0.009871	524.9	832.77	2400009B08Rik
944	167641_r_at	0.009908	540.07	915.6	0610012D17Rik
945	161913_r_at	0.009927	7689.57	10294.83	---
946	116400_at	0.009935	107.17	165.3	4632415D10Rik
947	102364_at	0.009966	7584.37	11474.5	Jund1
948	109103_f_at	0.009981	324	466.2	1110038B12Rik
949	169645_r_at	0.009984	244.33	449.73	---
950	92790_at	0.01	149.83	229.73	Kpna2

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