

Chapter 2: Gestational Age-Dependent Changes in Gene Expression of Metabolic Enzymes and Transporters in Pregnant Mice

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Supplemental Table 12: Multiple hypothesis correction in the maternal small intestine on gd 19

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1	10505276	<i>Slc31a1</i>	0.6	1.5	11.5	9.21E-07	2.72%
2	10599207	<i>Slc25a43</i>	0.9	1.8	8.1	2.86E-06	4.23%
3	10424922	<i>Gpr172b</i>	0.6	1.5	9.8	4.32E-06	4.26%
4	10403069	<i>Ighm</i>	2.2	4.5	8.8	1.06E-05	6.15%
5	10338480		-0.7	0.6	7.0	1.30E-05	6.15%
6	10344577		-0.6	0.7	7.3	1.35E-05	6.15%
7	10535904	<i>Hsph1</i>	-1.3	0.4	9.4	1.63E-05	6.15%
8	10493555	<i>Kcnn3</i>	-0.4	0.7	7.4	1.66E-05	6.15%
9	10588927	<i>1700102P08Rik</i>	-0.3	0.8	5.6	2.82E-05	7.15%
10	10502279	<i>Arhgef38</i>	-0.5	0.7	8.5	2.86E-05	7.15%
11	10563338	<i>Ppp1r15a</i>	-0.4	0.8	6.9	3.25E-05	7.15%
12	10458940	<i>Zfp608</i>	-0.5	0.7	8.2	3.46E-05	7.15%
13	10530666	<i>Lnx1</i>	-0.4	0.8	7.9	3.52E-05	7.15%
14	10444298	<i>H2-Eb1</i>	0.6	1.5	8.9	3.61E-05	7.15%
15	10588577	<i>Cish</i>	0.5	1.5	7.5	3.63E-05	7.15%
16	10379866	<i>Car4</i>	0.6	1.5	12.4	5.03E-05	8.45%
17	10584120		0.4	1.3	6.0	5.30E-05	8.45%
18	10438738	<i>Bcl6</i>	-1.1	0.5	7.4	5.37E-05	8.45%
19	10534168	<i>Auts2</i>	-0.4	0.7	7.5	5.57E-05	8.45%
20	10457963	<i>Gpr17</i>	-0.7	0.6	7.5	5.71E-05	8.45%
21	10346810	<i>Pard3b</i>	-0.4	0.8	7.8	6.19E-05	8.71%
22	10403063	<i>Igh-VJ558</i>	1.2	2.3	11.0	6.63E-05	8.91%
23	10341599		-1.0	0.5	5.4	7.18E-05	8.94%
24	10566231	<i>Olfr622</i>	0.4	1.3	5.0	7.55E-05	8.94%
25	10352867	<i>Plxna2</i>	-0.5	0.7	8.9	7.56E-05	8.94%
26	10423770	<i>Grhl2</i>	-0.4	0.8	7.9	9.08E-05	10.28%
27	10338641		-0.7	0.6	8.3	9.54E-05	10.28%
28	10542021		0.5	1.4	6.4	9.73E-05	10.28%
29	10445702	<i>Usp49</i>	-0.4	0.7	7.1	1.15E-04	11.72%
30	10484261	<i>Cerkl</i>	0.4	1.3	5.4	1.26E-04	12.06%
31	10493626	<i>1700094D03Rik</i>	-0.5	0.7	7.3	1.27E-04	12.06%
32	10429957	<i>Fbxl6</i>	0.4	1.3	8.6	1.38E-04	12.06%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
33	10403034		1.3	2.4	11.6	1.38E-04	12.06%
34	10502273		-0.5	0.7	8.3	1.43E-04	12.06%
35	10339865		-0.6	0.7	8.8	1.45E-04	12.06%
36	10380549		-0.4	0.7	5.8	1.47E-04	12.06%
37	10521759	<i>Slit2</i>	-0.5	0.7	6.8	1.53E-04	12.22%
38	10523021	<i>Slc4a4</i>	-0.4	0.8	10.8	1.62E-04	12.57%
39	10466528	<i>Rfk</i>	0.5	1.4	8.6	1.80E-04	13.17%
40	10428973	<i>Gsdmc4</i>	-1.5	0.4	8.4	1.82E-04	13.17%
41	10493640	<i>Nup210l</i>	-0.3	0.8	5.8	1.83E-04	13.17%
42	10344061		-0.4	0.8	8.4	1.93E-04	13.30%
43	10447023	<i>Heatr5b</i>	0.3	1.3	6.7	1.94E-04	13.30%
44	10516303		-0.5	0.7	5.2	1.98E-04	13.30%
45	10444957	<i>Ppp1r10</i>	-0.4	0.7	9.5	2.09E-04	13.70%
46	10344255		-0.5	0.7	8.3	2.14E-04	13.70%
47	10425527	<i>Ep300</i>	-0.3	0.8	10.1	2.18E-04	13.70%
48	10340318		0.7	1.6	10.5	2.25E-04	13.80%
49	10479975		-0.5	0.7	6.4	2.29E-04	13.80%
50	10538850		-0.6	0.7	5.7	2.43E-04	14.39%
51	10359571	<i>Fmo1</i>	0.7	1.6	8.6	2.62E-04	14.57%
52	10342349		0.5	1.4	11.9	2.64E-04	14.57%
53	10342738		0.4	1.3	10.5	2.67E-04	14.57%
54	10342374		-0.4	0.8	7.1	2.69E-04	14.57%
55	10423520	<i>Sema5a</i>	-0.6	0.7	9.1	2.71E-04	14.57%
56	10346562	<i>Cflar</i>	-0.4	0.8	8.3	2.85E-04	15.06%
57	10338969		-1.1	0.5	4.6	3.00E-04	15.36%
58	10344229		-0.4	0.8	8.5	3.01E-04	15.36%
59	10341155		0.6	1.5	10.5	3.21E-04	15.36%
60	10429385	<i>Mir151</i>	-0.4	0.8	5.3	3.21E-04	15.36%
61	10574087	<i>Herpud1</i>	-0.4	0.8	10.8	3.25E-04	15.36%
62	10402368	<i>Serpina6</i>	3.7	12.7	7.4	3.29E-04	15.36%
63	10500272	<i>Gm129</i>	-0.7	0.6	6.7	3.31E-04	15.36%
64	10518157	<i>Oog4</i>	0.3	1.2	5.3	3.32E-04	15.36%
65	10342293		-0.7	0.6	6.8	3.44E-04	15.64%
66	10494092	<i>Pogz</i>	-0.3	0.8	8.1	3.55E-04	15.91%
67	10411459	<i>Tmem171</i>	0.7	1.7	9.8	3.82E-04	16.63%
68	10355266	<i>Lancl1</i>	0.3	1.2	8.8	3.93E-04	16.63%
69	10364011	<i>Specc11</i>	-0.4	0.8	10.5	3.97E-04	16.63%
70	10349872		-0.3	0.8	8.9	3.99E-04	16.63%
71	10338571		0.6	1.5	9.3	3.99E-04	16.63%
72	10340107		-0.7	0.6	6.4	4.12E-04	16.91%
73	10471967	<i>Mbd5</i>	-0.3	0.8	6.9	4.18E-04	16.93%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
74	10416169	<i>Gnrh1</i>	-0.4	0.7	7.2	4.24E-04	16.93%
75	10349404	<i>Mgat5</i>	-0.3	0.8	9.3	4.36E-04	17.01%
76	10417887	<i>Zmynd17</i>	-0.3	0.8	7.0	4.37E-04	17.01%
77	10523062	<i>Alb</i>	3.5	11.4	9.2	4.52E-04	17.06%
78	10350992	<i>Rc3h1</i>	-0.3	0.8	9.9	4.56E-04	17.06%
79	10436958	<i>Clic6</i>	-0.5	0.7	7.6	4.57E-04	17.06%
80	10428955	<i>Gsdmc2</i>	-1.1	0.5	9.4	4.62E-04	17.06%
81	10344154		-1.0	0.5	4.2	4.71E-04	17.06%
82	10344484		-0.6	0.6	6.8	4.73E-04	17.06%
83	10593225	<i>Zbtb16</i>	-0.9	0.6	7.5	5.03E-04	17.55%
84	10343032		-0.4	0.7	9.1	5.09E-04	17.55%
85	10437364	<i>Adcy9</i>	-0.2	0.8	8.0	5.13E-04	17.55%
86	10534395	<i>Cldn4</i>	-0.8	0.6	10.1	5.15E-04	17.55%
87	10384672	<i>Ahsa2</i>	-0.6	0.7	8.6	5.16E-04	17.55%
88	10462473	<i>Mbl2</i>	1.2	2.4	8.1	5.30E-04	17.79%
89	10399265	<i>Ncoa1</i>	-0.3	0.8	9.0	5.42E-04	17.95%
90	10542050	<i>Efcab4b</i>	-0.4	0.7	7.3	5.47E-04	17.95%
91	10397984	<i>Ppp4r4</i>	-0.9	0.5	5.1	5.60E-04	18.20%
92	10586967	<i>Gm7265</i>	-0.3	0.8	7.5	5.73E-04	18.31%
93	10390841	<i>Krt12</i>	-0.5	0.7	7.9	5.76E-04	18.31%
94	10454912	<i>Ankhd1</i>	-0.2	0.9	9.9	6.32E-04	19.37%
95	10341175		-1.7	0.3	4.9	6.44E-04	19.37%
96	10341749		-0.5	0.7	8.9	6.47E-04	19.37%
97	10502565	<i>Clca2</i>	-0.5	0.7	9.2	6.48E-04	19.37%
98	10342774		-0.5	0.7	8.4	6.60E-04	19.37%
99	10428960	<i>Gsdmc2</i>	-1.1	0.5	9.0	6.63E-04	19.37%
100	10338849		-0.6	0.7	5.8	6.64E-04	19.37%
101	10343024		-0.3	0.8	9.3	6.71E-04	19.37%
102	10347925	<i>Gm7609</i>	0.6	1.5	6.3	6.73E-04	19.37%
103	10520944	<i>Plb1</i>	-3.9	0.1	8.5	6.77E-04	19.37%
104	10559644	<i>Tmem150b</i>	-0.3	0.8	8.6	6.97E-04	19.37%
105	10447128		0.5	1.4	8.1	7.08E-04	19.37%
106	10488147	<i>Flrt3</i>	-0.4	0.8	8.3	7.13E-04	19.37%
107	10482177	<i>Strbp</i>	-0.3	0.8	9.7	7.24E-04	19.37%
108	10341917		-0.7	0.6	4.6	7.28E-04	19.37%
109	10451039	<i>Slc25a27</i>	-0.3	0.8	6.7	7.33E-04	19.37%
110	10582879	<i>Csprs</i>	0.5	1.5	6.3	7.34E-04	19.37%
111	10532767	<i>Ssh1</i>	-0.4	0.7	8.4	7.39E-04	19.37%
112	10482045		0.4	1.3	4.1	7.48E-04	19.37%
113	10341443		0.5	1.4	8.5	7.50E-04	19.37%
114	10397364	<i>Mfsd7c</i>	1.1	2.1	8.5	7.53E-04	19.37%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
115	10381049	<i>Rapgef1l</i>	-0.4	0.8	7.6	7.61E-04	19.37%
116	10540298	<i>Chl1</i>	-0.3	0.8	5.8	7.72E-04	19.37%
117	10520946	<i>Plb1</i>	-4.0	0.1	8.7	7.76E-04	19.37%
118	10514054	<i>Nfib</i>	-0.3	0.8	10.0	7.92E-04	19.37%
119	10450145	<i>Psmb9</i>	0.5	1.4	10.8	7.92E-04	19.37%
120	10548300	<i>4930431A04Rik</i>	0.6	1.5	6.7	7.97E-04	19.37%
121	10514000	<i>Mpdz</i>	-0.3	0.8	6.7	8.02E-04	19.37%
122	10557213	<i>Rbbp6</i>	-0.3	0.8	8.7	8.06E-04	19.37%
123	10340999		-0.6	0.7	6.6	8.15E-04	19.37%
124	10339345		-0.9	0.5	4.4	8.20E-04	19.37%
125	10528723	<i>Mll3</i>	-0.2	0.8	9.5	8.24E-04	19.37%
126	10401933		-0.9	0.5	8.4	8.35E-04	19.37%
127	10504759		-0.9	0.5	8.4	8.35E-04	19.37%
128	10340406		-0.4	0.7	8.9	8.39E-04	19.37%
129	10339400		-0.7	0.6	7.8	8.67E-04	19.50%
130	10493347	<i>Ash1l</i>	-0.3	0.8	9.3	8.77E-04	19.50%
131	10391005	<i>Krt36</i>	0.3	1.2	5.7	8.82E-04	19.50%
132	10588731	<i>Mst1r</i>	-0.3	0.8	8.2	8.85E-04	19.50%
133	10520869	<i>Plb1</i>	-3.2	0.1	9.2	8.88E-04	19.50%
134	10462091	<i>Klf9</i>	-0.3	0.8	8.8	8.88E-04	19.50%
135	10405400	<i>Nsd1</i>	-0.2	0.8	10.0	8.90E-04	19.50%
136	10458130	<i>4933408B17Rik</i>	-0.4	0.8	4.5	9.15E-04	19.90%
137	10408280	<i>Lrrc16a</i>	-0.2	0.9	9.8	9.23E-04	19.92%
138	10343767		-0.7	0.6	7.8	9.40E-04	20.14%
139	10606792	<i>Nxf7</i>	-0.6	0.6	5.6	9.55E-04	20.31%
140	10366052	<i>Kitl</i>	-0.3	0.8	8.8	9.70E-04	20.49%
141	10447649	<i>Fndc1</i>	-0.4	0.7	6.9	9.92E-04	20.50%
142	10494335	<i>Otud7b</i>	-0.3	0.8	7.6	9.99E-04	20.50%
143	10459602	<i>Ptpn2</i>	-0.3	0.8	7.3	1.01E-03	20.50%
144	10436945	<i>Slc5a3</i>	-0.5	0.7	7.6	1.01E-03	20.50%
145	10400095	<i>Ifrd1</i>	-0.8	0.6	9.8	1.01E-03	20.50%
146	10520942	<i>Plb1</i>	-2.8	0.1	10.0	1.01E-03	20.50%
147	10520923	<i>Plb1</i>	-3.0	0.1	9.0	1.02E-03	20.51%
148	10342527		-0.6	0.6	6.9	1.04E-03	20.77%
149	10340726		-1.0	0.5	3.9	1.05E-03	20.89%
150	10343183		-0.5	0.7	8.0	1.07E-03	21.06%
151	10571530	<i>Fat1</i>	-0.3	0.8	10.4	1.08E-03	21.06%
152	10584057	<i>Zbtb44</i>	-0.3	0.8	8.9	1.08E-03	21.06%
153	10403073	<i>Ighg</i>	1.2	2.3	7.7	1.09E-03	21.09%
154	10338225		-0.7	0.6	6.3	1.10E-03	21.09%
155	10342719		0.6	1.5	7.1	1.14E-03	21.70%

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156	10358210	<i>Nr5a2</i>	-0.5	0.7	9.4	1.15E-03	21.78%
157	10341481		-0.5	0.7	5.5	1.17E-03	21.98%
158	10445112	<i>Ubd</i>	1.1	2.2	7.9	1.20E-03	22.40%
159	10521950	<i>Stim2</i>	-0.3	0.8	9.0	1.21E-03	22.43%
160	10357103	<i>Cdh19</i>	-0.5	0.7	5.3	1.22E-03	22.51%
161	10503186	<i>Chd7</i>	-0.3	0.8	8.7	1.23E-03	22.51%
162	10569017	<i>Ifitm3</i>	0.4	1.3	11.4	1.26E-03	22.79%
163	10344040		-0.8	0.6	5.5	1.27E-03	22.79%
164	10441233	<i>Mx1</i>	-0.5	0.7	6.4	1.27E-03	22.79%
165	10341507		0.3	1.3	9.7	1.29E-03	22.79%
166	10338996		-0.6	0.6	6.5	1.30E-03	22.79%
167	10342299		-0.7	0.6	7.5	1.30E-03	22.79%
168	10603708	<i>Cask</i>	-0.2	0.9	10.3	1.30E-03	22.79%
169	10366586	<i>Ifng</i>	0.4	1.3	6.6	1.31E-03	22.79%
170	10400089	<i>Gm889</i>	-0.4	0.7	6.6	1.32E-03	22.79%
171	10531796	<i>Wdfy3</i>	-0.2	0.9	8.3	1.33E-03	22.79%
172	10429341	<i>Ptk2</i>	-0.2	0.9	8.9	1.34E-03	22.79%
173	10341971		-0.4	0.8	10.2	1.34E-03	22.79%
174	10344032		0.6	1.5	9.1	1.35E-03	22.79%
175	10356274	<i>Csprs</i>	0.5	1.4	6.1	1.36E-03	22.79%
176	10343720		-0.4	0.8	12.2	1.37E-03	22.79%
177	10585347	<i>4930550C14Rik</i>	-0.3	0.8	4.8	1.41E-03	22.79%
178	10592126	<i>Fam118b</i>	0.3	1.2	9.1	1.44E-03	22.79%
179	10342492		-0.7	0.6	7.0	1.45E-03	22.79%
180	10339355		-0.6	0.7	6.8	1.45E-03	22.79%
181	10428981	<i>Gsdmc4</i>	-1.0	0.5	5.6	1.45E-03	22.79%
182	10339582		-0.5	0.7	7.6	1.46E-03	22.79%
183	10582647		0.3	1.2	4.9	1.48E-03	22.79%
184	10426451	<i>Irak4</i>	-0.3	0.8	9.1	1.49E-03	22.79%
185	10473976	<i>Harbi1</i>	-0.2	0.9	6.5	1.52E-03	22.79%
186	10464153	<i>Nhlrc2</i>	-0.3	0.8	9.1	1.52E-03	22.79%
187	10436304	<i>Abi3bp</i>	-0.5	0.7	8.0	1.54E-03	22.79%
188	10357480	<i>Daf2</i>	-0.7	0.6	6.1	1.54E-03	22.79%
189	10341452		-1.5	0.4	3.5	1.55E-03	22.79%
190	10542060		-0.4	0.8	7.5	1.55E-03	22.79%
191	10413993	<i>Gm626</i>	0.4	1.4	5.0	1.58E-03	22.79%
192	10340094		0.2	1.2	13.2	1.58E-03	22.79%
193	10339172		-0.5	0.7	9.0	1.59E-03	22.79%
194	10542857	<i>Far2</i>	-0.4	0.8	10.8	1.60E-03	22.79%
195	10345016	<i>Tcfap2b</i>	0.3	1.2	5.1	1.60E-03	22.79%
196	10342274		-0.5	0.7	6.4	1.61E-03	22.79%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
197	10596072	<i>Ppp2r3a</i>	-0.4	0.7	7.3	1.62E-03	22.79%
198	10586920	<i>Rfx7</i>	-0.3	0.8	8.5	1.62E-03	22.79%
199	10449926	<i>Zfp799</i>	-0.3	0.8	7.2	1.63E-03	22.79%
200	10453830	<i>Mib1</i>	-0.2	0.8	8.6	1.63E-03	22.79%
201	10338724		-0.5	0.7	6.4	1.63E-03	22.79%
202	10531057	<i>Ugt2b5</i>	-1.0	0.5	7.8	1.64E-03	22.79%
203	10346551	<i>Cflar</i>	-0.3	0.8	8.8	1.65E-03	22.79%
204	10407591	<i>Chrm3</i>	-0.4	0.8	7.9	1.65E-03	22.79%
205	10575630	<i>Cntnap4</i>	0.3	1.2	6.0	1.65E-03	22.79%
206	10342623		-0.4	0.8	12.4	1.66E-03	22.79%
207	10586017	<i>Uaca</i>	-0.4	0.8	8.9	1.66E-03	22.79%
208	10409711		-0.3	0.8	6.0	1.66E-03	22.79%
209	10347915	<i>Gm7609</i>	0.6	1.5	6.3	1.67E-03	22.79%
210	10459421	<i>Atp8b1</i>	-0.2	0.9	11.8	1.67E-03	22.79%
211	10514219	<i>Scarna8</i>	-0.3	0.8	6.4	1.69E-03	22.79%
212	10415111	<i>Bcl2l2</i>	-0.2	0.8	7.7	1.69E-03	22.79%
213	10340755		-0.7	0.6	6.1	1.69E-03	22.79%
214	10348556		-0.4	0.7	5.4	1.69E-03	22.79%
215	10546510	<i>Lrig1</i>	-0.3	0.8	8.6	1.69E-03	22.79%
216	10520948	<i>Plb1</i>	-2.5	0.2	9.3	1.69E-03	22.79%
217	10555339	<i>C2cd3</i>	-0.2	0.8	8.3	1.70E-03	22.79%
218	10339773		0.7	1.7	9.4	1.71E-03	22.79%
219	10545215	<i>Igk-V28</i>	1.7	3.4	10.4	1.71E-03	22.79%
220	10542727	<i>Tuba3b</i>	0.5	1.4	4.1	1.71E-03	22.79%
221	10502783		0.3	1.2	4.5	1.72E-03	22.79%
222	10503184	<i>Chd7</i>	-0.3	0.8	9.4	1.72E-03	22.79%
223	10340913		-0.7	0.6	5.0	1.73E-03	22.79%
224	10356601	<i>Per2</i>	-0.6	0.7	8.6	1.74E-03	22.79%
225	10450367	<i>Hspa1a</i>	-1.3	0.4	9.2	1.75E-03	22.79%
226	10497487		-0.4	0.7	5.0	1.75E-03	22.79%
227	10521182	<i>Fam193a</i>	-0.2	0.8	8.6	1.75E-03	22.79%
228	10403071		0.9	1.9	10.1	1.76E-03	22.80%
229	10343921		-0.6	0.7	7.7	1.77E-03	22.84%
230	10338779		-0.3	0.8	9.3	1.78E-03	22.84%
231	10343885		-0.4	0.7	8.0	1.79E-03	22.86%
232	10395252	<i>2010109K11Rik</i>	-0.4	0.8	8.5	1.80E-03	22.86%
233	10526211		-0.4	0.8	7.0	1.82E-03	22.86%
234	10451495	<i>Ubr2</i>	-0.3	0.8	8.8	1.82E-03	22.86%
235	10343583		-0.6	0.6	8.3	1.84E-03	22.86%
236	10555303	<i>Pgm2l1</i>	-0.2	0.8	7.9	1.84E-03	22.86%
237	10560983	<i>Dedd2</i>	-0.3	0.8	7.8	1.85E-03	22.86%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
238	10394674	<i>Socs2</i>	0.4	1.4	11.3	1.86E-03	22.86%
239	10425601	<i>Tef</i>	-0.4	0.8	8.4	1.86E-03	22.86%
240	10371107	<i>Mrpl54</i>	0.4	1.3	9.5	1.86E-03	22.86%
241	10413100	<i>Myst4</i>	-0.3	0.8	8.1	1.86E-03	22.86%
242	10356271	<i>A530032D15Rik</i>	0.5	1.4	7.7	1.87E-03	22.87%
243	10525464	<i>Orai1</i>	0.3	1.2	8.1	1.90E-03	23.01%
244	10342984		-0.9	0.5	3.3	1.90E-03	23.01%
245	10600604	<i>Dmd</i>	-0.4	0.7	7.2	1.93E-03	23.26%
246	10341621		-0.4	0.8	8.3	1.95E-03	23.29%
247	10484207	<i>Ccdc141</i>	-0.3	0.8	6.6	1.96E-03	23.29%
248	10339796		-0.6	0.7	7.2	1.96E-03	23.29%
249	10576073	<i>Banp</i>	-0.4	0.8	8.3	1.97E-03	23.29%
250	10551770	<i>Zfp30</i>	-0.2	0.9	6.4	1.98E-03	23.29%
251	10338686		-0.6	0.7	5.9	1.98E-03	23.29%
252	10342416		-0.2	0.9	11.7	1.99E-03	23.29%
253	10368859	<i>Armc2</i>	-0.3	0.8	6.0	2.02E-03	23.52%
254	10341907		-0.5	0.7	7.0	2.02E-03	23.52%
255	10460061	<i>Zfp407</i>	-0.3	0.8	8.6	2.03E-03	23.52%
256	10540554	<i>Setd5</i>	-0.2	0.8	9.7	2.07E-03	23.72%
257	10502214	<i>Cyp2u1</i>	-0.5	0.7	8.9	2.08E-03	23.72%
258	10513412	<i>Mup4</i>	0.8	1.7	4.8	2.09E-03	23.72%
259	10508228	<i>Zmym6</i>	-0.2	0.8	7.2	2.09E-03	23.72%
260	10375570	<i>Olfir1383</i>	0.2	1.2	5.6	2.12E-03	23.72%
261	10433190		0.6	1.5	5.0	2.12E-03	23.72%
262	10344547		-0.5	0.7	6.8	2.12E-03	23.72%
263	10506031	<i>Nfia</i>	-0.3	0.8	9.1	2.13E-03	23.72%
264	10384233	<i>Tns3</i>	-0.3	0.8	9.3	2.13E-03	23.72%
265	10471139		-0.4	0.8	7.7	2.13E-03	23.72%
266	10344186		-0.7	0.6	6.8	2.14E-03	23.72%
267	10342851		-0.6	0.7	6.9	2.14E-03	23.72%
268	10339347		-0.6	0.7	5.9	2.16E-03	23.86%
269	10514185		-0.7	0.6	5.7	2.19E-03	23.95%
270	10545175	<i>LOC672291</i>	1.0	2.0	11.3	2.21E-03	23.95%
271	10505030	<i>Fsd11</i>	-0.5	0.7	7.0	2.21E-03	23.95%
272	10343185		-0.6	0.7	6.6	2.22E-03	23.95%
273	10444332	<i>BC051142</i>	0.3	1.2	6.3	2.22E-03	23.95%
274	10506569	<i>Usp24</i>	-0.2	0.8	6.3	2.23E-03	23.95%
275	10362934		0.3	1.2	5.2	2.23E-03	23.95%
276	10485607	<i>Qser1</i>	-0.3	0.8	8.5	2.25E-03	24.07%
277	10412562	<i>Flnb</i>	-0.2	0.8	10.3	2.26E-03	24.07%
278	10498210	<i>Nbea</i>	-0.5	0.7	7.7	2.26E-03	24.07%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
279	10495385	<i>4921515J06Rik</i>	0.3	1.2	4.7	2.27E-03	24.07%
280	10530278		-0.4	0.8	7.7	2.30E-03	24.31%
281	10341534		-0.7	0.6	3.9	2.32E-03	24.31%
282	10520940	<i>Plb1</i>	-2.1	0.2	9.0	2.32E-03	24.31%
283	10340408		-0.2	0.8	9.2	2.33E-03	24.31%
284	10340076		-0.5	0.7	7.1	2.34E-03	24.33%
285	10343259		-0.5	0.7	8.4	2.35E-03	24.39%
286	10343853		-0.4	0.7	4.5	2.40E-03	24.76%
287	10583347	<i>Chordc1</i>	-0.5	0.7	9.2	2.41E-03	24.78%
288	10604393	<i>Elf4</i>	-0.3	0.8	9.1	2.41E-03	24.78%
289	10599213		0.5	1.4	6.2	2.42E-03	24.79%
290	10530467	<i>Nfxl1</i>	-0.3	0.8	8.1	2.43E-03	24.79%
291	10466239	<i>Oosp1</i>	0.3	1.2	5.2	2.49E-03	24.97%
292	10579341	<i>Mpv17l2</i>	0.2	1.2	9.3	2.49E-03	24.97%
293	10432957	<i>Itgb7</i>	0.3	1.2	7.1	2.49E-03	24.97%
294	10482200	<i>Dennd1a</i>	-0.3	0.8	8.2	2.50E-03	24.97%
295	10340751		-0.7	0.6	5.5	2.50E-03	24.97%
296	10397476	<i>2310044G17Rik</i>	-0.3	0.8	8.6	2.50E-03	24.97%
297	10534921	<i>Mepce</i>	-0.2	0.9	8.1	2.52E-03	25.08%
298	10504757	<i>BC005685</i>	-1.2	0.4	9.8	2.53E-03	25.08%
299	10498531	<i>Ccn1l</i>	-0.2	0.9	9.1	2.56E-03	25.24%
300	10489512	<i>Wfdc8</i>	0.4	1.3	4.9	2.56E-03	25.24%
301	10446166	<i>Ndufa11</i>	0.3	1.2	9.6	2.57E-03	25.24%
302	10339818		-0.8	0.6	4.7	2.58E-03	25.24%
303	10342520		-0.5	0.7	3.2	2.61E-03	25.50%
304	10349081	<i>Phlpp1</i>	-0.3	0.8	7.4	2.63E-03	25.56%
305	10349876	<i>Plekha6</i>	-0.2	0.8	9.1	2.64E-03	25.60%
306	10467871	<i>Dnmbp</i>	-0.3	0.8	9.4	2.66E-03	25.72%
307	10401935	<i>BC005685</i>	-1.2	0.4	9.6	2.70E-03	25.95%
308	10545182		2.3	4.8	9.4	2.72E-03	25.95%
309	10344156		-0.4	0.8	6.4	2.72E-03	25.95%
310	10450369	<i>Hspa1a</i>	-0.9	0.5	7.7	2.73E-03	25.95%
311	10538901	<i>BC005685</i>	-1.2	0.4	9.7	2.73E-03	25.95%
312	10513360		-0.3	0.8	4.9	2.78E-03	26.30%
313	10552260		0.5	1.4	5.3	2.79E-03	26.34%
314	10520048	<i>Mll5</i>	-0.2	0.9	9.7	2.80E-03	26.34%
315	10499864	<i>Gm7165</i>	0.2	1.1	3.4	2.82E-03	26.47%
316	10341893		-0.5	0.7	6.2	2.84E-03	26.47%
317	10394789	<i>B430203G13Rik</i>	-0.2	0.8	6.6	2.85E-03	26.47%
318	10392410		-0.3	0.8	7.6	2.85E-03	26.47%
319	10577152	<i>E330037G11Rik</i>	-0.4	0.8	4.4	2.86E-03	26.47%

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320	10380116	<i>Rnf43</i>	-0.5	0.7	8.5	2.88E-03	26.53%
321	10556381	<i>Mical2</i>	-0.2	0.9	9.0	2.88E-03	26.53%
322	10342074		-0.6	0.7	3.2	2.90E-03	26.64%
323	10461709		0.3	1.2	7.3	2.92E-03	26.71%
324	10509071	<i>9130219A07Rik</i>	-0.3	0.8	9.7	2.93E-03	26.71%
325	10339954		-0.4	0.7	7.7	2.94E-03	26.71%
326	10340639		-0.3	0.8	12.4	2.97E-03	26.86%
327	10527886	<i>Pex1</i>	-0.3	0.8	7.5	2.97E-03	26.86%
328	10338367		-0.5	0.7	7.0	2.99E-03	26.90%
329	10354065	<i>Lyg2</i>	0.3	1.3	5.3	2.99E-03	26.90%
330	10495243	<i>Gstm5</i>	-0.4	0.8	8.4	3.04E-03	27.21%
331	10339521		0.8	1.8	4.9	3.05E-03	27.21%
332	10355141	<i>Klf7</i>	-0.2	0.9	8.0	3.06E-03	27.22%
333	10342427		-0.7	0.6	5.2	3.11E-03	27.65%
334	10342954		-0.4	0.7	6.7	3.13E-03	27.65%
335	10402473	<i>Clmn</i>	-0.3	0.8	7.7	3.14E-03	27.65%
336	10379262	<i>Nfl</i>	-0.2	0.9	9.2	3.15E-03	27.65%
337	10341823		-0.5	0.7	7.4	3.15E-03	27.65%
338	10341680		-0.7	0.6	5.1	3.20E-03	27.65%
339	10344454		-0.5	0.7	7.0	3.20E-03	27.65%
340	10567591	<i>Usp31</i>	-0.3	0.8	7.4	3.22E-03	27.65%
341	10353689	<i>Phf3</i>	-0.3	0.8	9.4	3.22E-03	27.65%
342	10575763	<i>Gan</i>	-0.3	0.8	8.2	3.23E-03	27.65%
343	10338336		-0.6	0.7	4.8	3.24E-03	27.65%
344	10552156	<i>Rhpn2</i>	-0.3	0.8	9.5	3.25E-03	27.65%
345	10502575	<i>Clca4</i>	-0.3	0.8	12.2	3.25E-03	27.65%
346	10338530		-0.4	0.8	12.3	3.25E-03	27.65%
347	10469672	<i>Gad2</i>	0.4	1.3	6.1	3.27E-03	27.65%
348	10381018	<i>Msl1</i>	-0.2	0.9	9.4	3.27E-03	27.65%
349	10556442	<i>Tead1</i>	-0.4	0.7	8.1	3.28E-03	27.65%
350	10437852	<i>4921513D23Rik</i>	-0.2	0.9	10.0	3.29E-03	27.65%
351	10424929	<i>Adck5</i>	0.5	1.4	9.0	3.31E-03	27.65%
352	10592420	<i>AW551984</i>	-0.2	0.9	5.8	3.32E-03	27.65%
353	10341097		-0.6	0.7	7.5	3.32E-03	27.65%
354	10471814	<i>Gpr21</i>	-0.3	0.8	6.2	3.32E-03	27.65%
355	10425987	<i>Ppara</i>	-0.5	0.7	8.9	3.33E-03	27.65%
356	10373452	<i>Gm129</i>	-0.8	0.6	6.9	3.33E-03	27.65%
357	10343209		-0.5	0.7	4.8	3.36E-03	27.80%
358	10526726	<i>Zkscan1</i>	-0.2	0.9	9.4	3.37E-03	27.84%
359	10361660	<i>Lats1</i>	-0.2	0.9	10.1	3.39E-03	27.91%
360	10400210	<i>Hectd1</i>	-0.2	0.9	9.8	3.43E-03	27.91%

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361	10342122		-0.6	0.7	2.9	3.44E-03	27.91%
362	10382438	<i>Cd300a</i>	0.2	1.2	7.1	3.44E-03	27.91%
363	10546476	<i>Magil</i>	-0.3	0.8	8.4	3.45E-03	27.91%
364	10587266	<i>Gclc</i>	-0.4	0.8	10.9	3.45E-03	27.91%
365	10407892	<i>Cdk13</i>	-0.2	0.9	9.6	3.46E-03	27.91%
366	10353450	<i>Gm4956</i>	-0.2	0.9	5.1	3.46E-03	27.91%
367	10451818	<i>Sult1c2</i>	-1.0	0.5	6.7	3.47E-03	27.91%
368	10461705	<i>Olfr1431</i>	-0.3	0.8	4.0	3.47E-03	27.91%
369	10511665	<i>Necab1</i>	-0.3	0.8	6.4	3.48E-03	27.91%
370	10586284	<i>Dpp8</i>	-0.2	0.9	10.3	3.50E-03	27.99%
371	10588691	<i>Hyal1</i>	-0.3	0.8	6.9	3.51E-03	28.00%
372	10340120		-0.4	0.8	7.3	3.54E-03	28.11%
373	10342640		-0.8	0.6	3.4	3.55E-03	28.11%
374	10548879	<i>Mgp</i>	-0.5	0.7	8.1	3.58E-03	28.21%
375	10387855	<i>Alox15</i>	0.4	1.3	6.5	3.59E-03	28.21%
376	10363146	<i>Slc35f1</i>	-0.2	0.9	5.7	3.59E-03	28.21%
377	10443131	<i>Itpr3</i>	-0.2	0.8	9.4	3.60E-03	28.21%
378	10359849		-0.3	0.8	7.4	3.61E-03	28.21%
379	10405619	<i>5133401N09Rik</i>	0.2	1.2	10.4	3.63E-03	28.30%
380	10504234	<i>Unc13b</i>	-0.2	0.8	8.1	3.64E-03	28.32%
381	10339315		0.5	1.5	5.3	3.66E-03	28.32%
382	10338307		-0.5	0.7	6.3	3.66E-03	28.32%
383	10519346	<i>C030048B08Rik</i>	-0.4	0.8	6.1	3.67E-03	28.32%
384	10503218	<i>Chd7</i>	-0.3	0.8	8.3	3.70E-03	28.46%
385	10340986		-0.8	0.6	6.3	3.75E-03	28.46%
386	10434313	<i>Yeats2</i>	-0.2	0.9	8.2	3.75E-03	28.46%
387	10449284	<i>Dusp1</i>	-0.7	0.6	9.0	3.76E-03	28.46%
388	10340110		0.7	1.6	7.2	3.77E-03	28.46%
389	10349065	<i>Zcchc2</i>	-0.3	0.8	8.4	3.77E-03	28.46%
390	10536667	<i>Ptprz1</i>	-0.4	0.8	4.5	3.77E-03	28.46%
391	10341909		-0.8	0.6	5.8	3.82E-03	28.46%
392	10348906	<i>Gm6086</i>	-0.5	0.7	6.7	3.84E-03	28.46%
393	10436442	<i>Fam60a</i>	-0.3	0.8	9.9	3.84E-03	28.46%
394	10524077		0.4	1.3	5.7	3.86E-03	28.46%
395	10506050	<i>Nfia</i>	-0.3	0.8	8.5	3.86E-03	28.46%
396	10351504		-0.5	0.7	4.7	3.87E-03	28.46%
397	10495596	<i>Frrs1</i>	-0.5	0.7	9.7	3.87E-03	28.46%
398	10344080		-0.8	0.6	5.6	3.87E-03	28.46%
399	10590648	<i>Top2a</i>	0.2	1.2	4.0	3.88E-03	28.46%
400	10455873	<i>Slc12a2</i>	-0.4	0.7	10.3	3.89E-03	28.46%
401	10340456		-0.4	0.7	8.3	3.89E-03	28.46%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
402	10342834		-0.7	0.6	4.5	3.89E-03	28.46%
403	10444229	<i>H2-DMa</i>	0.5	1.4	10.4	3.90E-03	28.46%
404	10354384		0.4	1.3	4.4	3.91E-03	28.46%
405	10514892	<i>2210012G02Rik</i>	-0.3	0.8	5.0	3.91E-03	28.46%
406	10530563	<i>Fryl</i>	-0.3	0.8	9.5	3.91E-03	28.46%
407	10522160	<i>N4bp2</i>	-0.3	0.8	7.6	3.93E-03	28.54%
408	10537375	<i>Ubn2</i>	-0.2	0.9	9.0	3.94E-03	28.54%
409	10412882	<i>Thrb</i>	-0.4	0.8	8.0	3.97E-03	28.69%
410	10342737		-0.7	0.6	4.5	3.98E-03	28.69%
411	10547553	<i>Mical3</i>	-0.2	0.8	7.6	4.03E-03	28.89%
412	10403021		0.9	1.8	10.0	4.04E-03	28.89%
413	10346651	<i>Bmpr2</i>	-0.2	0.9	9.4	4.04E-03	28.89%
414	10570982	<i>Fgfr1</i>	-0.3	0.8	7.9	4.05E-03	28.89%
415	10538892		-0.9	0.6	7.7	4.06E-03	28.89%
416	10343118		-0.5	0.7	8.1	4.11E-03	29.09%
417	10446833	<i>Birc6</i>	-0.2	0.9	10.3	4.11E-03	29.09%
418	10338680		-0.4	0.7	5.4	4.12E-03	29.09%
419	10480381	<i>Arhgap21</i>	-0.2	0.9	9.5	4.13E-03	29.09%
420	10339801		-0.5	0.7	7.9	4.13E-03	29.09%
421	10342782		-0.3	0.8	12.2	4.17E-03	29.28%
422	10404464	<i>Serpinb9f</i>	0.2	1.2	4.9	4.21E-03	29.41%
423	10372069	<i>Socs2</i>	0.3	1.2	8.4	4.22E-03	29.41%
424	10449807	<i>Ephx3</i>	0.2	1.1	5.6	4.24E-03	29.41%
425	10346838	<i>Pard3b</i>	-0.3	0.8	7.1	4.24E-03	29.41%
426	10471333		-0.3	0.8	6.5	4.25E-03	29.41%
427	10471335		-0.3	0.8	6.5	4.25E-03	29.41%
428	10342812		-0.6	0.7	3.8	4.27E-03	29.41%
429	10496748	<i>Syde2</i>	-0.3	0.8	8.2	4.27E-03	29.41%
430	10510814	<i>BC046331</i>	-0.2	0.9	7.8	4.28E-03	29.41%
431	10520388	<i>Rbm33</i>	-0.3	0.8	8.1	4.29E-03	29.41%
432	10411804	<i>Mast4</i>	-0.3	0.8	7.6	4.31E-03	29.42%
433	10365286	<i>Eid3</i>	-0.4	0.7	7.3	4.31E-03	29.42%
434	10503222	<i>Chd7</i>	-0.2	0.8	7.3	4.32E-03	29.44%
435	10349051	<i>Tnfrsf11a</i>	-0.3	0.8	9.0	4.33E-03	29.44%
436	10531420	<i>Cxcl11</i>	0.6	1.6	8.8	4.34E-03	29.45%
437	10523750	<i>D930016D06Rik</i>	-0.2	0.9	6.4	4.38E-03	29.61%
438	10584067	<i>Zbtb44</i>	-0.3	0.8	7.7	4.44E-03	29.89%
439	10343704		-0.5	0.7	8.0	4.44E-03	29.89%
440	10587558	<i>Dopey1</i>	-0.2	0.9	8.6	4.45E-03	29.92%
441	10472366	<i>Scn2a1</i>	-0.2	0.8	4.0	4.57E-03	30.58%
442	10383982	<i>Znrf3</i>	-0.3	0.8	7.6	4.57E-03	30.58%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
443	10341603		-0.7	0.6	6.1	4.61E-03	30.79%
444	10340661		-0.4	0.8	11.9	4.65E-03	30.96%
445	10341923		-0.6	0.6	4.8	4.70E-03	31.20%
446	10338423		-0.5	0.7	7.8	4.72E-03	31.30%
447	10358713	<i>I700025G04Rik</i>	-0.4	0.8	6.7	4.76E-03	31.40%
448	10374455	<i>Spred2</i>	-0.3	0.8	9.3	4.77E-03	31.40%
449	10402981		0.4	1.3	5.6	4.78E-03	31.40%
450	10345752	<i>Illr2</i>	0.2	1.2	5.6	4.78E-03	31.40%
451	10518561	<i>Apitd1</i>	0.2	1.2	7.1	4.79E-03	31.40%
452	10552071	<i>Fam187b</i>	-0.2	0.9	6.4	4.81E-03	31.46%
453	10344216		0.3	1.2	12.7	4.83E-03	31.52%
454	10523260	<i>Shroom3</i>	-0.2	0.8	9.3	4.84E-03	31.52%
455	10602735		-0.2	0.9	3.1	4.90E-03	31.52%
456	10377439	<i>Per1</i>	-0.5	0.7	7.8	4.92E-03	31.52%
457	10519324	<i>Cdk6</i>	-0.3	0.8	9.3	4.92E-03	31.52%
458	10340459		-0.7	0.6	5.6	4.93E-03	31.52%
459	10482824	<i>Acvr1</i>	-0.3	0.8	7.9	4.93E-03	31.52%
460	10340101		-0.6	0.7	5.5	4.95E-03	31.52%
461	10479510	<i>Col20a1</i>	-0.2	0.9	7.3	4.95E-03	31.52%
462	10444291	<i>H2-Ab1</i>	0.3	1.2	10.8	4.96E-03	31.52%
463	10338601		-0.3	0.8	9.5	4.98E-03	31.52%
464	10340637		-0.4	0.7	7.6	5.00E-03	31.52%
465	10418092	<i>A830039N20Rik</i>	-0.2	0.9	4.7	5.00E-03	31.52%
466	10462237	<i>Smarca2</i>	-0.3	0.8	8.8	5.02E-03	31.52%
467	10529730		0.4	1.3	6.1	5.05E-03	31.52%
468	10417095	<i>Farp1</i>	-0.2	0.9	8.1	5.05E-03	31.52%
469	10353754	<i>Zfp451</i>	-0.3	0.8	7.7	5.09E-03	31.52%
470	10474508	<i>Olfir1299</i>	0.3	1.2	4.5	5.11E-03	31.52%
471	10347931	<i>G530012D18Rik</i>	0.3	1.2	5.9	5.11E-03	31.52%
472	10538903	<i>Igk-V1</i>	0.7	1.7	10.5	5.13E-03	31.52%
473	10372557	<i>Gm239</i>	-0.6	0.7	9.9	5.13E-03	31.52%
474	10343799		-0.4	0.7	3.3	5.13E-03	31.52%
475	10571958	<i>Sh3rf1</i>	-0.3	0.8	8.8	5.15E-03	31.52%
476	10397786	<i>Kif4b</i>	0.3	1.2	5.1	5.15E-03	31.52%
477	10500114	<i>Mllt11</i>	-0.3	0.8	6.0	5.16E-03	31.52%
478	10510552	<i>Rere</i>	-0.3	0.8	9.3	5.17E-03	31.52%
479	10342034		-0.8	0.6	3.8	5.18E-03	31.52%
480	10441917		0.3	1.2	6.9	5.18E-03	31.52%
481	10522467	<i>Rasl11b</i>	-0.2	0.8	6.9	5.20E-03	31.52%
482	10500780	<i>Nr1h5</i>	-0.4	0.8	7.5	5.21E-03	31.52%
483	10339643		0.5	1.4	7.1	5.23E-03	31.52%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
484	10417599		-0.4	0.7	8.7	5.23E-03	31.52%
485	10421524		-0.4	0.7	8.7	5.23E-03	31.52%
486	10436826		-0.4	0.7	8.7	5.23E-03	31.52%
487	10476658		-0.4	0.7	8.7	5.23E-03	31.52%
488	10579823		-0.4	0.7	8.7	5.23E-03	31.52%
489	10582845		-0.4	0.7	8.7	5.23E-03	31.52%
490	10432190	<i>Adcy6</i>	-0.3	0.8	9.4	5.24E-03	31.52%
491	10382115	<i>Ccdc45</i>	-0.2	0.8	7.9	5.24E-03	31.52%
492	10549108	<i>Abcc9</i>	-0.2	0.9	8.1	5.24E-03	31.52%
493	10534974	<i>Mcm7</i>	0.2	1.1	9.0	5.27E-03	31.61%
494	10588538	<i>Iqcf1</i>	0.3	1.3	5.2	5.31E-03	31.73%
495	10342586		-0.5	0.7	7.0	5.32E-03	31.73%
496	10338744		-0.8	0.6	4.5	5.33E-03	31.73%
497	10369171	<i>9530009G21Rik</i>	-0.4	0.7	6.9	5.34E-03	31.73%
498	10557229	<i>LOC100134980</i>	-0.2	0.8	7.6	5.34E-03	31.73%
499	10485622	<i>Qser1</i>	-0.3	0.8	8.7	5.37E-03	31.80%
500	10445558	<i>BC048355</i>	0.4	1.3	8.0	5.38E-03	31.84%
501	10514317	<i>Ifnab</i>	0.4	1.3	6.1	5.44E-03	32.11%
502	10361366	<i>Mtrf11</i>	-0.3	0.8	7.5	5.46E-03	32.18%
503	10340219		-0.3	0.8	11.5	5.50E-03	32.32%
504	10504491	<i>Zcchc7</i>	-0.2	0.9	9.1	5.51E-03	32.32%
505	10414477	<i>Olfr739</i>	0.3	1.3	3.0	5.53E-03	32.38%
506	10572097	<i>Sh2d4a</i>	-0.3	0.8	8.7	5.54E-03	32.38%
507	10417734	<i>Nr1d2</i>	-0.4	0.8	9.9	5.58E-03	32.51%
508	10479852	<i>Camk1d</i>	-0.2	0.9	9.2	5.59E-03	32.51%
509	10408197	<i>Hist1h2bh</i>	0.2	1.2	9.8	5.63E-03	32.69%
510	10344179		-0.6	0.7	8.8	5.64E-03	32.69%
511	10523111		0.5	1.4	5.1	5.71E-03	33.01%
512	10592655	<i>Arhgef12</i>	-0.2	0.9	8.8	5.72E-03	33.01%
513	10411126	<i>Jmy</i>	-0.4	0.8	7.6	5.73E-03	33.01%
514	10344069		0.2	1.2	11.2	5.75E-03	33.10%
515	10431802	<i>Twf1</i>	-0.2	0.9	11.3	5.81E-03	33.34%
516	10338598		-0.6	0.7	5.8	5.82E-03	33.34%
517	10592790	<i>Hinfp</i>	-0.3	0.8	7.9	5.85E-03	33.48%
518	10344482		-0.8	0.6	3.4	5.87E-03	33.48%
519	10606989	<i>Tsc22d3</i>	-0.4	0.7	8.9	5.88E-03	33.48%
520	10461898	<i>Rfk</i>	0.3	1.2	12.9	5.94E-03	33.63%
521	10428217		0.2	1.2	5.6	5.94E-03	33.63%
522	10433660	<i>Bfar</i>	-0.3	0.8	8.5	5.95E-03	33.63%
523	10549497	<i>Fam60a</i>	-0.3	0.8	9.8	5.96E-03	33.63%
524	10582664	<i>2310022B05Rik</i>	0.2	1.2	8.8	5.97E-03	33.63%

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525	10556018		0.3	1.2	7.3	5.98E-03	33.63%
526	10338166		-0.4	0.8	9.1	5.99E-03	33.63%
527	10485643	<i>AI314831</i>	0.3	1.2	5.7	6.01E-03	33.63%
528	10429160	<i>St3gall</i>	-0.7	0.6	8.4	6.01E-03	33.63%
529	10403054		0.7	1.6	11.3	6.02E-03	33.63%
530	10521587	<i>Dnaja1</i>	-0.3	0.8	10.6	6.04E-03	33.63%
531	10543904	<i>Cnot4</i>	-0.2	0.9	9.2	6.04E-03	33.63%
532	10339653		-0.3	0.8	11.1	6.08E-03	33.74%
533	10538936		0.8	1.7	7.9	6.10E-03	33.74%
534	10338536		-0.7	0.6	5.6	6.11E-03	33.74%
535	10513008	<i>Klf4</i>	-0.2	0.9	10.2	6.13E-03	33.74%
536	10584372	<i>Olfir887</i>	0.3	1.2	4.1	6.13E-03	33.74%
537	10340548		-0.6	0.6	6.0	6.13E-03	33.74%
538	10505630	<i>Snapc3</i>	-0.2	0.9	10.1	6.14E-03	33.74%
539	10471555	<i>Angptl2</i>	-0.4	0.7	8.5	6.16E-03	33.74%
540	10340702		-0.3	0.8	7.3	6.19E-03	33.74%
541	10395869	<i>4921506M07Rik</i>	-0.5	0.7	5.3	6.19E-03	33.74%
542	10340892		-0.5	0.7	7.8	6.19E-03	33.74%
543	10457203		-0.6	0.7	9.3	6.20E-03	33.74%
544	10583806		0.3	1.2	10.0	6.24E-03	33.90%
545	10388682	<i>Taok1</i>	-0.4	0.8	9.1	6.25E-03	33.90%
546	10603109	<i>Piga</i>	-0.4	0.8	7.7	6.26E-03	33.90%
547	10584835	<i>Mpzl3</i>	-0.3	0.8	7.8	6.27E-03	33.91%
548	10495316	<i>Psrl1</i>	0.2	1.1	7.1	6.30E-03	33.91%
549	10405783	<i>Mir24-1</i>	-0.3	0.8	5.5	6.30E-03	33.91%
550	10490150	<i>Zbp1</i>	0.6	1.5	10.1	6.31E-03	33.91%
551	10440727	<i>Krtap8-1</i>	0.3	1.3	5.9	6.34E-03	33.96%
552	10466054	<i>Cd6</i>	0.3	1.2	7.3	6.35E-03	33.96%
553	10351013	<i>Rc3h1</i>	-0.3	0.8	9.2	6.36E-03	33.96%
554	10468789	<i>Pdzd8</i>	-0.2	0.9	9.4	6.37E-03	33.96%
555	10597612	<i>Slc22a13</i>	0.4	1.3	7.5	6.37E-03	33.96%
556	10516348	<i>Eif2c3</i>	-0.3	0.8	7.7	6.40E-03	34.01%
557	10387922	<i>Slc25a11</i>	0.3	1.3	11.2	6.42E-03	34.02%
558	10481857	<i>Pbx3</i>	-0.3	0.8	8.6	6.42E-03	34.02%
559	10394381	<i>Atad2b</i>	-0.3	0.8	8.8	6.45E-03	34.06%
560	10500089		-0.3	0.8	6.4	6.47E-03	34.06%
561	10440593	<i>Rwdd2b</i>	0.3	1.2	9.4	6.47E-03	34.06%
562	10343277		-0.7	0.6	5.0	6.47E-03	34.06%
563	10397518	<i>Ahsa1</i>	-0.3	0.8	9.8	6.50E-03	34.12%
564	10404774	<i>Hivepl</i>	-0.2	0.9	9.2	6.55E-03	34.31%
565	10361023	<i>Prox1</i>	-0.4	0.8	6.3	6.56E-03	34.33%

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566	10495199	<i>Kcna10</i>	0.3	1.2	6.2	6.62E-03	34.60%
567	10578322	<i>Pdgfrl</i>	-0.3	0.8	6.5	6.65E-03	34.62%
568	10523647	<i>Aff1</i>	-0.2	0.8	9.2	6.66E-03	34.62%
569	10342978		-0.7	0.6	3.5	6.68E-03	34.62%
570	10404264	<i>Prl</i>	0.3	1.2	4.5	6.70E-03	34.62%
571	10341075		0.4	1.3	6.6	6.70E-03	34.62%
572	10403081	<i>Wdr60</i>	-0.2	0.9	6.4	6.72E-03	34.62%
573	10437332	<i>Crebbp</i>	-0.2	0.9	10.6	6.72E-03	34.62%
574	10358757	<i>Smg7</i>	-0.2	0.9	9.4	6.72E-03	34.62%
575	10410449		0.2	1.2	6.2	6.81E-03	35.00%
576	10579043	<i>Lzts1</i>	0.3	1.2	6.8	6.84E-03	35.12%
577	10607862		0.2	1.2	7.3	6.89E-03	35.18%
578	10369688	<i>Tet1</i>	-0.3	0.8	5.9	6.89E-03	35.18%
579	10488459	<i>Zfp442</i>	-0.7	0.6	6.2	6.89E-03	35.18%
580	10444821	<i>H2-Q8</i>	0.3	1.2	10.1	6.90E-03	35.18%
581	10463155	<i>Gm340</i>	-0.2	0.8	7.7	6.94E-03	35.32%
582	10352143	<i>Kif26b</i>	-0.3	0.8	6.2	6.97E-03	35.38%
583	10377889	<i>Mink1</i>	-0.2	0.9	9.0	6.98E-03	35.38%
584	10344085		-0.5	0.7	8.1	7.00E-03	35.42%
585	10504755		-1.1	0.5	10.4	7.01E-03	35.42%
586	10403031		1.1	2.2	7.4	7.06E-03	35.53%
587	10472649	<i>Myo3b</i>	0.2	1.2	5.8	7.06E-03	35.53%
588	10504926	<i>Rnf20</i>	-0.2	0.9	8.2	7.11E-03	35.53%
589	10350335	<i>Hmbs</i>	0.3	1.2	9.6	7.13E-03	35.53%
590	10339756		-0.4	0.8	9.0	7.14E-03	35.53%
591	10342445		-0.8	0.6	4.6	7.15E-03	35.53%
592	10417053	<i>Mbnl2</i>	-0.2	0.9	11.3	7.19E-03	35.53%
593	10566296	<i>Olfr642</i>	0.3	1.2	5.8	7.20E-03	35.53%
594	10423663	<i>Vps13b</i>	-0.2	0.9	9.0	7.20E-03	35.53%
595	10534596	<i>Cux1</i>	-0.3	0.8	8.4	7.21E-03	35.53%
596	10343706		-0.6	0.7	5.5	7.21E-03	35.53%
597	10366546	<i>Cpm</i>	-0.7	0.6	7.6	7.23E-03	35.53%
598	10450682	<i>H2-T23</i>	0.3	1.2	9.4	7.23E-03	35.53%
599	10440713	<i>Krtap16-8</i>	0.2	1.2	4.1	7.23E-03	35.53%
600	10568078	<i>Taok2</i>	-0.2	0.9	8.6	7.31E-03	35.53%
601	10424746	<i>Zfp623</i>	-0.2	0.9	7.6	7.32E-03	35.53%
602	10372441		0.2	1.1	5.9	7.32E-03	35.53%
603	10444459	<i>Tnxb</i>	-0.3	0.8	7.6	7.33E-03	35.53%
604	10344309		0.2	1.2	10.3	7.33E-03	35.53%
605	10390691	<i>Nr1d1</i>	-0.7	0.6	10.4	7.33E-03	35.53%
606	10343352		-0.9	0.5	6.9	7.37E-03	35.53%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
607	10562927	<i>Ptov1</i>	-0.2	0.9	8.8	7.38E-03	35.53%
608	10515930	<i>AA415398</i>	-0.3	0.8	6.3	7.39E-03	35.53%
609	10340146		-0.7	0.6	4.6	7.40E-03	35.53%
610	10341173		-0.4	0.8	8.9	7.41E-03	35.53%
611	10506058	<i>Inadl</i>	-0.2	0.9	9.4	7.43E-03	35.53%
612	10340281		-0.5	0.7	7.3	7.43E-03	35.53%
613	10342820		-0.3	0.8	7.8	7.44E-03	35.53%
614	10341950		-0.5	0.7	7.7	7.44E-03	35.53%
615	10596454	<i>Alas1</i>	0.3	1.2	10.4	7.44E-03	35.53%
616	10345241	<i>Dst</i>	-0.2	0.8	8.8	7.44E-03	35.53%
617	10397281	<i>Ylpm1</i>	-0.2	0.9	8.4	7.44E-03	35.53%
618	10362208		0.7	1.6	5.6	7.45E-03	35.53%
619	10571745	<i>Cldn22</i>	0.3	1.2	5.9	7.45E-03	35.53%
620	10513208	<i>Svep1</i>	-0.3	0.8	8.1	7.45E-03	35.53%
621	10340143		-0.6	0.6	8.1	7.46E-03	35.53%
622	10338690		-0.7	0.6	6.7	7.53E-03	35.81%
623	10341337		-0.3	0.8	7.6	7.57E-03	35.86%
624	10499777	<i>Ints3</i>	-0.2	0.9	8.8	7.58E-03	35.86%
625	10368144	<i>Tnfaip3</i>	-0.4	0.8	8.0	7.59E-03	35.86%
626	10341942		-0.5	0.7	6.4	7.60E-03	35.86%
627	10548727	<i>D230041D01Rik</i>	-0.3	0.8	7.6	7.61E-03	35.86%
628	10394209	<i>Dnmt3a</i>	-0.2	0.9	7.9	7.63E-03	35.91%
629	10364134	<i>Slc5a4a</i>	1.0	2.1	10.4	7.65E-03	35.97%
630	10375559		-0.3	0.8	4.3	7.69E-03	36.00%
631	10560021	<i>Vmn1r84</i>	0.2	1.2	4.5	7.70E-03	36.00%
632	10343114		-0.4	0.7	6.8	7.70E-03	36.00%
633	10536563	<i>Cftr</i>	-0.4	0.8	9.6	7.71E-03	36.00%
634	10443598	<i>Dnahc8</i>	-0.2	0.8	6.5	7.73E-03	36.00%
635	10488879	<i>Gss</i>	-0.2	0.9	9.5	7.74E-03	36.00%
636	10435251	<i>Slc12a8</i>	-0.3	0.8	9.3	7.75E-03	36.00%
637	10531149	<i>Gc</i>	2.6	5.9	7.1	7.76E-03	36.00%
638	10503194	<i>Chd7</i>	-0.3	0.8	8.0	7.79E-03	36.04%
639	10535659	<i>Cyp3a16</i>	0.7	1.7	3.8	7.80E-03	36.04%
640	10534684	<i>Muc3</i>	-0.8	0.6	12.2	7.82E-03	36.04%
641	10344459		-0.7	0.6	5.4	7.84E-03	36.04%
642	10473981	<i>Ambra1</i>	-0.2	0.9	8.9	7.85E-03	36.04%
643	10340623		-0.6	0.6	6.2	7.86E-03	36.04%
644	10490510	<i>Dido1</i>	-0.2	0.9	8.8	7.87E-03	36.04%
645	10342396		-0.5	0.7	3.8	7.87E-03	36.04%
646	10338150		-0.4	0.8	8.7	7.88E-03	36.04%
647	10520371	<i>Rbm33</i>	-0.2	0.9	9.6	7.89E-03	36.04%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
648	10438822	<i>Atp13a5</i>	0.3	1.3	5.7	7.94E-03	36.15%
649	10409684	<i>2210016F16Rik</i>	0.3	1.2	11.4	7.94E-03	36.15%
650	10392318	<i>Bptf</i>	-0.3	0.8	8.8	7.95E-03	36.15%
651	10468513		0.3	1.2	6.2	7.98E-03	36.22%
652	10527575	<i>Pan3</i>	-0.2	0.9	9.4	8.00E-03	36.22%
653	10338339		0.3	1.3	10.7	8.03E-03	36.22%
654	10417004	<i>Dzip1</i>	-0.2	0.9	6.2	8.04E-03	36.22%
655	10531051	<i>Ugt2b36</i>	-0.8	0.6	8.3	8.05E-03	36.22%
656	10485633		-0.4	0.8	7.0	8.05E-03	36.22%
657	10342701		-0.5	0.7	4.8	8.05E-03	36.22%
658	10427667		0.2	1.2	5.4	8.06E-03	36.22%
659	10421577		-0.2	0.8	5.5	8.10E-03	36.28%
660	10551431	<i>Zfp607</i>	-0.3	0.8	6.7	8.11E-03	36.28%
661	10340423		-0.4	0.8	9.2	8.12E-03	36.28%
662	10354521	<i>Inpp1</i>	0.3	1.2	8.0	8.12E-03	36.28%
663	10555586	<i>2400001E08Rik</i>	0.3	1.2	8.5	8.21E-03	36.54%
664	10483178	<i>Cobll1</i>	-0.2	0.8	8.8	8.22E-03	36.54%
665	10343278		-0.6	0.6	5.5	8.25E-03	36.54%
666	10513428	<i>Mup2</i>	2.8	6.9	7.4	8.25E-03	36.54%
667	10412663		0.3	1.3	7.3	8.25E-03	36.54%
668	10492174	<i>Tm4sf4</i>	-0.9	0.6	10.7	8.29E-03	36.54%
669	10340391		-0.4	0.7	7.0	8.30E-03	36.54%
670	10350438	<i>Kcnt2</i>	-0.3	0.8	5.2	8.32E-03	36.54%
671	10340679		-0.7	0.6	5.5	8.32E-03	36.54%
672	10375608	<i>Scgb3a1</i>	0.3	1.3	7.3	8.34E-03	36.54%
673	10513437	<i>Mup11</i>	2.8	7.2	7.5	8.34E-03	36.54%
674	10575211	<i>Mir140</i>	-0.3	0.8	4.6	8.34E-03	36.54%
675	10339173		-0.4	0.7	7.4	8.36E-03	36.54%
676	10562349	<i>Pdcd2l</i>	0.2	1.1	8.3	8.37E-03	36.54%
677	10603659	<i>Med14</i>	-0.2	0.9	10.2	8.38E-03	36.54%
678	10548701	<i>Lrp6</i>	-0.2	0.8	9.6	8.40E-03	36.54%
679	10339882		-0.9	0.5	5.1	8.40E-03	36.54%
680	10557992	<i>Bag3</i>	-0.4	0.8	8.5	8.40E-03	36.54%
681	10518835	<i>Camta1</i>	-0.3	0.8	5.0	8.42E-03	36.57%
682	10489701	<i>4833422F24Rik</i>	0.4	1.3	7.0	8.45E-03	36.59%
683	10339709		-0.5	0.7	7.1	8.47E-03	36.59%
684	10550980	<i>Lypd3</i>	0.3	1.2	6.6	8.47E-03	36.59%
685	10342313		-0.3	0.8	7.8	8.48E-03	36.59%
686	10513455	<i>Mup2</i>	2.9	7.4	7.6	8.50E-03	36.59%
687	10431284	<i>Brd1</i>	-0.2	0.9	9.1	8.51E-03	36.59%
688	10457302	<i>Epc1</i>	-0.2	0.8	9.1	8.51E-03	36.59%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
689	10339628		-0.6	0.7	5.4	8.55E-03	36.63%
690	10344486		-0.6	0.7	2.8	8.56E-03	36.63%
691	10554142	<i>2310037I24Rik</i>	-0.2	0.9	8.7	8.56E-03	36.63%
692	10557470	<i>Gdpd3</i>	0.5	1.4	10.3	8.61E-03	36.80%
693	10544610	<i>Igf2bp3</i>	-0.2	0.9	5.8	8.65E-03	36.90%
694	10588192	<i>Msl2</i>	-0.2	0.9	11.1	8.69E-03	36.95%
695	10453636	<i>Svil</i>	-0.2	0.9	8.7	8.70E-03	36.95%
696	10513504	<i>Mup2</i>	2.7	6.3	7.5	8.70E-03	36.95%
697	10373950	<i>Nipsnap1</i>	0.3	1.2	9.3	8.76E-03	37.11%
698	10513472	<i>Mup2</i>	2.8	6.8	7.4	8.77E-03	37.11%
699	10355998		0.2	1.1	5.3	8.79E-03	37.11%
700	10530287	<i>Apbb2</i>	-0.2	0.9	8.6	8.79E-03	37.11%
701	10406464		0.4	1.3	6.2	8.83E-03	37.22%
702	10429029	<i>Adcy8</i>	-1.6	0.3	7.1	8.85E-03	37.27%
703	10343900		-0.5	0.7	7.2	8.87E-03	37.27%
704	10368486	<i>Rnf146</i>	-0.3	0.8	7.3	8.87E-03	37.27%
705	10520782	<i>Zfp512</i>	-0.2	0.8	7.8	8.89E-03	37.27%
706	10513497	<i>Mup2</i>	2.8	6.9	7.4	8.91E-03	37.29%
707	10484628	<i>Olfr1089</i>	0.4	1.3	4.8	8.92E-03	37.29%
708	10339486		-0.5	0.7	6.6	8.93E-03	37.31%
709	10513467	<i>Mup2</i>	2.6	6.3	7.5	8.96E-03	37.35%
710	10605729	<i>Zfx</i>	-0.2	0.9	8.8	9.05E-03	37.49%
711	10513420	<i>Mup7</i>	2.8	7.1	8.0	9.05E-03	37.49%
712	10489266	<i>Chd6</i>	-0.2	0.9	8.0	9.05E-03	37.49%
713	10357345	<i>Nckap5</i>	-0.4	0.8	7.9	9.05E-03	37.49%
714	10581222	<i>Fhod1</i>	-0.3	0.8	7.5	9.05E-03	37.49%
715	10565547	<i>Pcf11</i>	-0.3	0.8	9.5	9.08E-03	37.49%
716	10578189		-0.3	0.8	7.2	9.09E-03	37.49%
717	10462111		-0.4	0.8	8.0	9.10E-03	37.49%
718	10599348	<i>Gria3</i>	-0.3	0.8	6.4	9.11E-03	37.49%
719	10343915		-0.6	0.7	5.7	9.12E-03	37.49%
720	10473519	<i>Olfr1115</i>	0.2	1.2	5.2	9.15E-03	37.55%
721	10344360		-0.5	0.7	6.4	9.16E-03	37.55%
722	10439660	<i>Gm609</i>	-0.4	0.8	7.8	9.18E-03	37.60%
723	10340390		-0.3	0.8	6.8	9.20E-03	37.61%
724	10350840	<i>Angptl1</i>	-0.4	0.8	6.9	9.23E-03	37.70%
725	10573637	<i>Phkb</i>	-0.2	0.9	9.1	9.27E-03	37.79%
726	10502552	<i>Clca1</i>	-0.4	0.7	7.9	9.32E-03	37.82%
727	10347933	<i>Sp140</i>	0.5	1.4	8.0	9.33E-03	37.82%
728	10550831	<i>Vmn1r183</i>	0.3	1.2	4.5	9.33E-03	37.82%
729	10404913	<i>Cap2</i>	-0.3	0.8	8.7	9.33E-03	37.82%

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730	10355454		0.3	1.2	7.2	9.34E-03	37.82%
731	10547410	<i>Erc1</i>	-0.2	0.8	8.0	9.37E-03	37.90%
732	10513918		0.2	1.2	5.4	9.39E-03	37.92%
733	10476582	<i>Macrod2</i>	-0.2	0.8	7.4	9.44E-03	38.06%
734	10432162	<i>2310037I24Rik</i>	-0.2	0.9	9.0	9.49E-03	38.16%
735	10438751		-0.5	0.7	4.1	9.49E-03	38.16%
736	10475990	<i>Slc20a1</i>	-0.4	0.7	9.8	9.50E-03	38.16%
737	10552964	<i>Ftl1</i>	0.4	1.3	9.3	9.53E-03	38.23%
738	10340802		-0.4	0.8	7.0	9.56E-03	38.26%
739	10521261	<i>Htt</i>	-0.2	0.9	8.6	9.56E-03	38.26%
740	10419343	<i>Atg14</i>	-0.3	0.8	7.9	9.59E-03	38.30%
741	10441864	<i>Mllt4</i>	-0.2	0.9	9.9	9.60E-03	38.30%
742	10379795	<i>Synrg</i>	-0.1	0.9	8.5	9.66E-03	38.48%
743	10475544	<i>Sema6d</i>	-0.3	0.8	9.0	9.69E-03	38.48%
744	10342594		-1.1	0.5	5.0	9.69E-03	38.48%
745	10338862		-0.7	0.6	5.1	9.70E-03	38.48%
746	10462281	<i>Vldlr</i>	-0.2	0.8	7.0	9.74E-03	38.54%
747	10393620	<i>Cbx4</i>	0.3	1.2	8.5	9.74E-03	38.54%
748	10403664	<i>B3galnt2</i>	-0.2	0.9	8.3	9.75E-03	38.54%
749	10342282		0.3	1.2	11.3	9.76E-03	38.54%
750	10591988	<i>Adamts15</i>	-0.3	0.8	6.8	9.78E-03	38.54%
751	10340310		-0.5	0.7	7.3	9.81E-03	38.63%
752	10339907		-0.5	0.7	7.7	9.86E-03	38.65%
753	10343469		-0.6	0.6	4.0	9.86E-03	38.65%
754	10373358	<i>Il23a</i>	0.3	1.2	5.7	9.87E-03	38.65%
755	10455599		0.3	1.3	7.7	9.88E-03	38.65%
756	10352556		0.3	1.2	10.4	9.89E-03	38.65%
757	10389025	<i>Myo1d</i>	-0.2	0.9	12.0	9.91E-03	38.65%
758	10540191	<i>Nr2c2</i>	-0.2	0.9	9.3	9.92E-03	38.65%
759	10436621		-0.5	0.7	4.7	9.93E-03	38.65%
760	10386824	<i>Akap10</i>	-0.2	0.9	8.8	9.95E-03	38.65%
761	10518781	<i>Per3</i>	-0.5	0.7	8.0	9.96E-03	38.65%
762	10453542		0.3	1.2	5.5	9.98E-03	38.65%
763	10566877	<i>Sbf2</i>	-0.1	0.9	9.5	9.99E-03	38.65%
764	10565738	<i>2210018M11Rik</i>	-0.2	0.9	8.8	1.00E-02	38.65%
765	10340734		-0.8	0.6	5.3	1.00E-02	38.65%
766	10344550		-0.5	0.7	6.5	1.00E-02	38.65%
767	10526319	<i>Baz1b</i>	-0.2	0.9	9.6	1.00E-02	38.65%
768	10415952		-0.4	0.8	8.1	1.00E-02	38.65%
769	10339846		-0.3	0.8	2.6	1.01E-02	38.65%
770	10488926	<i>Mmp24</i>	0.2	1.1	7.8	1.01E-02	38.69%

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771	10429178	<i>Zfat</i>	-0.2	0.9	6.6	1.01E-02	38.69%
772	10528021	<i>Hspa8</i>	-0.2	0.8	13.0	1.01E-02	38.69%
773	10342547		-0.4	0.8	8.4	1.01E-02	38.69%
774	10595126	<i>Fbxo9</i>	-0.2	0.8	8.6	1.01E-02	38.69%
775	10453166	<i>Cdkl4</i>	0.2	1.2	4.7	1.01E-02	38.69%
776	10423496		-0.2	0.9	3.3	1.02E-02	38.73%
777	10344394		-0.7	0.6	5.0	1.02E-02	38.73%
778	10364093	<i>Derl3</i>	0.6	1.5	8.7	1.02E-02	38.73%
779	10552562	<i>Klk1b1</i>	-0.2	0.8	4.5	1.02E-02	38.85%
780	10366881	<i>Ddit3</i>	-0.3	0.8	7.9	1.03E-02	38.86%
781	10604944	<i>Gabre</i>	-0.3	0.8	5.7	1.03E-02	38.86%
782	10342451		-0.4	0.8	7.4	1.03E-02	38.86%
783	10387108	<i>Gm12298</i>	0.3	1.2	6.7	1.03E-02	38.86%
784	10394682		0.4	1.3	7.9	1.03E-02	38.94%
785	10485042	<i>Zfp408</i>	-0.2	0.9	7.0	1.03E-02	38.94%
786	10520862	<i>Fosl2</i>	-0.4	0.8	9.4	1.04E-02	38.94%
787	10591576	<i>Dock6</i>	-0.2	0.9	8.2	1.04E-02	39.01%
788	10352558	<i>DlPas1</i>	0.3	1.2	5.8	1.04E-02	39.01%
789	10376564	<i>Med9</i>	0.2	1.1	7.8	1.04E-02	39.06%
790	10368025	<i>Hspa8</i>	-0.2	0.8	13.0	1.04E-02	39.06%
791	10341723		0.4	1.3	9.8	1.05E-02	39.10%
792	10341322		-0.4	0.8	7.0	1.05E-02	39.17%
793	10340045		-0.3	0.8	7.5	1.05E-02	39.20%
794	10506146		-0.3	0.8	6.1	1.05E-02	39.20%
795	10580191	<i>Nfix</i>	-0.2	0.9	9.4	1.05E-02	39.20%
796	10346139		0.2	1.2	4.7	1.06E-02	39.20%
797	10342407		-0.8	0.6	5.1	1.06E-02	39.21%
798	10343180		-0.8	0.6	5.6	1.06E-02	39.21%
799	10581299	<i>Agrp</i>	0.3	1.2	5.7	1.06E-02	39.21%
800	10421581	<i>Lrch1</i>	-0.2	0.9	8.4	1.06E-02	39.21%
801	10592404	<i>Olfir948</i>	0.3	1.3	3.3	1.06E-02	39.21%
802	10454828	<i>Pnet-ps</i>	-0.3	0.8	8.1	1.06E-02	39.21%
803	10384670		-0.5	0.7	5.1	1.07E-02	39.21%
804	10480345		0.2	1.2	10.1	1.07E-02	39.21%
805	10427669		-0.2	0.8	3.2	1.07E-02	39.21%
806	10561799	<i>Zfp74</i>	-0.2	0.9	6.6	1.07E-02	39.21%
807	10551777	<i>Zfp790</i>	-0.2	0.9	7.4	1.07E-02	39.21%
808	10369702	<i>Tet1</i>	-0.2	0.9	7.2	1.07E-02	39.21%
809	10471424	<i>Fam102a</i>	-0.4	0.8	10.4	1.07E-02	39.21%
810	10454655	<i>Apc</i>	-0.2	0.9	9.7	1.07E-02	39.21%
811	10463140	<i>Lcor</i>	-0.2	0.9	10.2	1.08E-02	39.22%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
812	10513512	<i>Mup1</i>	2.8	6.8	6.6	1.08E-02	39.24%
813	10467153	<i>Slc16a12</i>	-0.5	0.7	7.1	1.08E-02	39.30%
814	10397002	<i>Sipa111</i>	-0.2	0.9	9.2	1.08E-02	39.31%
815	10342373		-0.6	0.6	4.4	1.09E-02	39.46%
816	10424383		1.2	2.4	6.3	1.09E-02	39.46%
817	10342683		-0.4	0.7	7.9	1.09E-02	39.49%
818	10595753	<i>Trpc1</i>	-0.5	0.7	7.6	1.09E-02	39.49%
819	10338396		0.3	1.2	9.1	1.09E-02	39.49%
820	10419288	<i>Gch1</i>	-0.4	0.7	6.7	1.10E-02	39.64%
821	10343937		-0.5	0.7	6.5	1.10E-02	39.64%
822	10367528	<i>Olfr821</i>	0.2	1.2	4.5	1.10E-02	39.64%
823	10571142	<i>Gpr124</i>	-0.2	0.9	7.2	1.10E-02	39.64%
824	10548430	<i>Gm156</i>	0.4	1.3	4.3	1.10E-02	39.64%
825	10339743		-0.5	0.7	7.3	1.11E-02	39.66%
826	10342152		-0.5	0.7	6.3	1.11E-02	39.66%
827	10523802	<i>Cdc7</i>	-0.2	0.9	6.6	1.11E-02	39.66%
828	10343800		-0.7	0.6	6.3	1.11E-02	39.66%
829	10439016	<i>4930444G20Rik</i>	-0.3	0.8	6.4	1.11E-02	39.66%
830	10339044		-0.5	0.7	3.9	1.11E-02	39.66%
831	10343266		-0.5	0.7	7.4	1.11E-02	39.66%
832	10435765		0.2	1.1	3.8	1.12E-02	39.66%
833	10569927	<i>Map2k7</i>	-0.2	0.9	8.5	1.12E-02	39.76%
834	10343144		-0.4	0.8	8.2	1.12E-02	39.80%
835	10539002	<i>Rnf103</i>	-0.3	0.8	9.4	1.13E-02	39.80%
836	10441115	<i>Brwd1</i>	-0.2	0.9	8.3	1.13E-02	39.80%
837	10435832	<i>Gm608</i>	-0.2	0.8	8.8	1.13E-02	39.80%
838	10576054	<i>Foxl1</i>	0.2	1.2	6.2	1.13E-02	39.80%
839	10433507	<i>Ciita</i>	0.3	1.3	8.3	1.13E-02	39.80%
840	10361270	<i>Cd46</i>	-0.4	0.8	6.5	1.13E-02	39.80%
841	10340813		-0.7	0.6	5.9	1.14E-02	39.80%
842	10429528	<i>Ly6k</i>	0.2	1.2	6.7	1.14E-02	39.80%
843	10362672		0.4	1.3	9.1	1.14E-02	39.80%
844	10338308		-0.4	0.7	7.2	1.14E-02	39.80%
845	10434845	<i>Il1rap</i>	-0.3	0.8	7.3	1.14E-02	39.80%
846	10402864	<i>Ighg</i>	0.5	1.4	8.6	1.14E-02	39.81%
847	10603573	<i>Syt15</i>	-0.4	0.8	6.8	1.14E-02	39.95%
848	10573691	<i>Gm10638</i>	0.3	1.2	7.4	1.15E-02	39.95%
849	10348947	<i>Slco6d1</i>	0.2	1.2	3.7	1.15E-02	40.05%
850	10429295	<i>Kcnk9</i>	0.3	1.2	6.1	1.16E-02	40.25%
851	10561204	<i>Itpkc</i>	-0.2	0.9	8.1	1.16E-02	40.25%
852	10593024	<i>Cd3e</i>	0.5	1.4	9.2	1.16E-02	40.28%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
853	10345981	<i>Ercc5</i>	-0.2	0.9	8.0	1.16E-02	40.28%
854	10406546		0.3	1.2	6.1	1.17E-02	40.28%
855	10411839	<i>Srsf12</i>	-0.2	0.9	8.7	1.17E-02	40.28%
856	10382508	<i>Ict1</i>	0.2	1.2	9.1	1.17E-02	40.28%
857	10342695		-0.4	0.8	2.9	1.17E-02	40.28%
858	10429081	<i>Snrpc</i>	0.2	1.2	8.9	1.17E-02	40.28%
859	10342852		-0.8	0.6	3.7	1.17E-02	40.28%
860	10355456	<i>Mreg</i>	-0.3	0.8	7.2	1.17E-02	40.28%
861	10567229	<i>Smg1</i>	-0.2	0.9	10.4	1.17E-02	40.28%
862	10338594		0.5	1.4	6.4	1.18E-02	40.31%
863	10412667	<i>Ptprg</i>	-0.2	0.9	8.1	1.18E-02	40.31%
864	10396608	<i>Syne2</i>	-0.3	0.8	8.6	1.18E-02	40.31%
865	10561748	<i>Catsperg2</i>	0.2	1.1	5.7	1.18E-02	40.31%
866	10585381	<i>Slc35f2</i>	0.3	1.2	10.0	1.18E-02	40.31%
867	10507699	<i>Scmh1</i>	-0.2	0.9	7.4	1.19E-02	40.51%
868	10343641		-0.4	0.7	6.5	1.19E-02	40.55%
869	10474998		-0.3	0.8	6.3	1.19E-02	40.55%
870	10450154	<i>H2-Aa</i>	0.3	1.3	12.1	1.19E-02	40.55%
871	10481830	<i>Zbtb43</i>	-0.2	0.8	8.5	1.19E-02	40.55%
872	10340296		-0.4	0.7	7.1	1.20E-02	40.63%
873	10376755	<i>Tnfrsf13b</i>	0.3	1.2	7.2	1.20E-02	40.74%
874	10338932		-0.5	0.7	4.8	1.21E-02	40.74%
875	10392388	<i>Prkca</i>	-0.2	0.9	10.1	1.21E-02	40.74%
876	10542034		0.3	1.2	9.2	1.21E-02	40.74%
877	10338398		-0.2	0.9	10.3	1.21E-02	40.75%
878	10506500	<i>Usp24</i>	-0.2	0.9	9.0	1.21E-02	40.78%
879	10506004	<i>Hook1</i>	-0.2	0.9	10.4	1.21E-02	40.78%
880	10525506	<i>Psmc9</i>	0.2	1.1	7.4	1.21E-02	40.78%
881	10435075	<i>Tfrc</i>	0.3	1.2	10.3	1.22E-02	40.78%
882	10571599		-0.3	0.8	5.2	1.22E-02	40.80%
883	10426477	<i>Snrpc</i>	0.2	1.1	9.0	1.22E-02	40.80%
884	10503995	<i>Dnaj1</i>	-0.4	0.8	9.6	1.22E-02	40.92%
885	10339203		-0.6	0.7	5.8	1.23E-02	40.97%
886	10426507	<i>Arid2</i>	-0.2	0.9	9.7	1.23E-02	40.97%
887	10452356	<i>Gpr108</i>	-0.2	0.8	8.6	1.23E-02	41.03%
888	10351888	<i>Olf430</i>	0.2	1.2	4.7	1.23E-02	41.03%
889	10413897	<i>Ercc6</i>	-0.2	0.9	8.3	1.23E-02	41.03%
890	10338363		-0.5	0.7	8.3	1.24E-02	41.05%
891	10436046		0.2	1.2	5.0	1.24E-02	41.23%
892	10444841	<i>H2-Q10</i>	0.2	1.2	6.2	1.24E-02	41.23%
893	10341753		-0.8	0.6	4.0	1.25E-02	41.34%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
894	10338715		-0.5	0.7	6.1	1.25E-02	41.37%
895	10342666		-0.8	0.6	4.3	1.25E-02	41.37%
896	10341539		-0.7	0.6	4.0	1.25E-02	41.37%
897	10349569		-0.4	0.8	7.4	1.26E-02	41.37%
898	10358155	<i>2310006M14Rik</i>	-0.3	0.8	6.6	1.26E-02	41.42%
899	10401926		0.3	1.2	5.0	1.26E-02	41.45%
900	10400006	<i>Ahr</i>	-0.3	0.8	8.7	1.27E-02	41.46%
901	10343427		0.5	1.4	7.4	1.27E-02	41.46%
902	10392300	<i>Bptf</i>	-0.2	0.9	8.6	1.27E-02	41.46%
903	10570144	<i>Arhgef7</i>	-0.1	0.9	8.7	1.27E-02	41.46%
904	10433034	<i>Atf7</i>	-0.1	0.9	9.2	1.27E-02	41.46%
905	10498064	<i>Setd7</i>	-0.2	0.8	8.4	1.27E-02	41.47%
906	10605429		0.2	1.1	8.3	1.27E-02	41.47%
907	10607189	<i>Amot</i>	-0.2	0.8	7.2	1.27E-02	41.47%
908	10343480		-0.6	0.6	5.8	1.27E-02	41.47%
909	10353947	<i>Tmem131</i>	-0.2	0.9	10.7	1.28E-02	41.47%
910	10338827		-0.4	0.8	8.6	1.28E-02	41.47%
911	10340567		-0.6	0.7	6.9	1.28E-02	41.47%
912	10340081		-0.6	0.7	3.2	1.28E-02	41.56%
913	10598018		0.5	1.4	8.3	1.28E-02	41.56%
914	10503244		0.2	1.1	6.5	1.29E-02	41.56%
915	10449152	<i>Rab40c</i>	-0.2	0.9	8.2	1.29E-02	41.56%
916	10454543		0.3	1.2	6.4	1.29E-02	41.56%
917	10428012	<i>Ropn11</i>	0.2	1.2	5.5	1.29E-02	41.56%
918	10428814	<i>Anxa13</i>	-0.5	0.7	11.6	1.29E-02	41.59%
919	10434144	<i>Rtn4r</i>	0.3	1.2	7.1	1.30E-02	41.59%
920	10341259		-0.5	0.7	7.5	1.30E-02	41.59%
921	10342911		-0.2	0.9	10.4	1.30E-02	41.59%
922	10490621	<i>Srms</i>	0.3	1.2	6.6	1.30E-02	41.59%
923	10497490		-0.4	0.8	6.2	1.30E-02	41.59%
924	10342294		0.3	1.2	13.0	1.30E-02	41.59%
925	10345509	<i>Zap70</i>	0.2	1.2	6.5	1.30E-02	41.59%
926	10338897		-0.6	0.7	5.8	1.30E-02	41.59%
927	10529758	<i>Bod11</i>	-0.3	0.8	7.9	1.31E-02	41.59%
928	10340382		-0.5	0.7	6.7	1.31E-02	41.59%
929	10357948	<i>Ppp1r12b</i>	-0.2	0.9	7.9	1.31E-02	41.59%
930	10439321	<i>Slc15a2</i>	-0.3	0.8	8.0	1.31E-02	41.59%
931	10491780	<i>Hspa4l</i>	-0.4	0.7	8.4	1.31E-02	41.59%
932	10408335	<i>Aldh5a1</i>	-0.2	0.9	7.5	1.31E-02	41.59%
933	10424804	<i>Exosc4</i>	0.2	1.1	7.4	1.32E-02	41.59%
934	10509577	<i>Pla2g2d</i>	0.7	1.6	8.4	1.32E-02	41.59%

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935	10483215	<i>Scn3a</i>	-0.2	0.9	5.9	1.32E-02	41.59%
936	10479973		-0.4	0.8	6.3	1.32E-02	41.59%
937	10402066	<i>Foxn3</i>	-0.3	0.8	8.3	1.32E-02	41.59%
938	10575160	<i>Nfat5</i>	-0.3	0.8	9.2	1.32E-02	41.59%
939	10341645		-0.3	0.8	8.0	1.32E-02	41.62%
940	10339722		-0.2	0.9	10.6	1.32E-02	41.62%
941	10457961	<i>Sft2d3</i>	0.3	1.2	7.9	1.33E-02	41.62%
942	10421488	<i>Fndc3a</i>	-0.2	0.9	10.2	1.33E-02	41.62%
943	10340817		-0.6	0.7	5.2	1.33E-02	41.62%
944	10339187		-0.6	0.6	4.8	1.33E-02	41.62%
945	10343151		-0.5	0.7	7.7	1.33E-02	41.62%
946	10534654	<i>Znhit1</i>	0.2	1.1	8.9	1.33E-02	41.62%
947	10343551		-1.3	0.4	6.5	1.33E-02	41.62%
948	10602474	<i>Phf8</i>	-0.2	0.9	8.1	1.34E-02	41.67%
949	10340764		-0.6	0.7	5.2	1.34E-02	41.67%
950	10441497	<i>Tulp4</i>	-0.2	0.9	9.5	1.35E-02	41.92%
951	10412699	<i>Gm10404</i>	-0.2	0.8	5.8	1.35E-02	41.95%
952	10533991		0.2	1.2	7.5	1.35E-02	41.96%
953	10357814	<i>Zc3h11a</i>	-0.2	0.9	10.0	1.35E-02	41.96%
954	10396511	<i>Syne2</i>	-0.2	0.9	7.9	1.36E-02	42.01%
955	10352416	<i>Capn8</i>	-0.2	0.9	7.0	1.36E-02	42.01%
956	10555401		-0.2	0.8	6.1	1.36E-02	42.01%
957	10339296		-0.3	0.8	8.4	1.36E-02	42.01%
958	10559261	<i>Cd81</i>	0.3	1.2	11.9	1.36E-02	42.01%
959	10607643		0.2	1.2	4.1	1.36E-02	42.01%
960	10339040		-0.5	0.7	7.8	1.37E-02	42.01%
961	10342380		-0.4	0.7	7.4	1.37E-02	42.01%
962	10466798		-0.4	0.7	8.0	1.37E-02	42.01%
963	10422912	<i>2410089E03Rik</i>	-0.2	0.9	6.9	1.37E-02	42.01%
964	10340722		-0.7	0.6	5.6	1.38E-02	42.01%
965	10475051	<i>Mga</i>	-0.2	0.9	8.6	1.38E-02	42.01%
966	10492699	<i>Ctso</i>	0.3	1.3	9.5	1.38E-02	42.01%
967	10401931		-0.7	0.6	6.8	1.38E-02	42.01%
968	10401937		-0.7	0.6	6.8	1.38E-02	42.01%
969	10339740		-0.3	0.8	9.7	1.39E-02	42.01%
970	10391863	<i>4933400C05Rik</i>	0.3	1.2	5.1	1.39E-02	42.01%
971	10467013	<i>Prkg1</i>	-0.2	0.9	6.9	1.39E-02	42.01%
972	10341935		-0.7	0.6	4.3	1.39E-02	42.01%
973	10368888		-0.3	0.8	8.8	1.39E-02	42.01%
974	10474596	<i>Aven</i>	-0.2	0.9	9.4	1.39E-02	42.01%
975	10492552		0.3	1.2	3.7	1.40E-02	42.01%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
976	10571975		-0.3	0.8	8.2	1.40E-02	42.01%
977	10473880	<i>Lrp4</i>	-0.2	0.9	8.3	1.40E-02	42.01%
978	10439667	<i>BC016579</i>	-0.3	0.8	7.7	1.40E-02	42.01%
979	10344083		0.3	1.3	13.0	1.40E-02	42.01%
980	10444814	<i>H2-Gs10</i>	0.2	1.2	9.5	1.40E-02	42.01%
981	10572928	<i>Rasd2</i>	-0.3	0.8	6.9	1.40E-02	42.01%
982	10343772		-0.4	0.7	6.4	1.40E-02	42.01%
983	10403025		0.5	1.4	5.9	1.40E-02	42.01%
984	10494390	<i>Hist2h2aa1</i>	0.2	1.1	12.6	1.40E-02	42.01%
985	10503196	<i>Chd7</i>	-0.3	0.8	8.3	1.40E-02	42.01%
986	10542023	<i>Fgf6</i>	0.2	1.1	5.5	1.40E-02	42.01%
987	10340745		-0.4	0.7	7.3	1.40E-02	42.01%
988	10562296		-0.2	0.9	2.9	1.40E-02	42.01%
989	10343597		-0.3	0.8	8.4	1.41E-02	42.01%
990	10588547	<i>Vprbp</i>	-0.2	0.9	9.3	1.41E-02	42.01%
991	10594301	<i>Coro2b</i>	0.2	1.1	6.4	1.41E-02	42.03%
992	10482880	<i>Baz2b</i>	-0.2	0.9	8.8	1.41E-02	42.03%
993	10375820	<i>Clk4</i>	-0.3	0.8	9.6	1.41E-02	42.03%
994	10338790		0.6	1.6	5.7	1.42E-02	42.03%
995	10382152	<i>Helz</i>	-0.2	0.9	9.4	1.42E-02	42.03%
996	10545224		0.7	1.7	4.6	1.42E-02	42.03%
997	10536297	<i>Ppp1r9a</i>	-0.3	0.8	7.1	1.42E-02	42.03%
998	10386455	<i>Rasd1</i>	0.4	1.3	7.0	1.42E-02	42.03%
999	10520355	<i>Htr5a</i>	0.3	1.3	6.0	1.42E-02	42.03%
1000	10434689	<i>Ahsg</i>	2.1	4.4	6.7	1.42E-02	42.03%
1001	10500710	<i>Mab21l3</i>	0.2	1.1	5.8	1.42E-02	42.03%
1002	10427253	<i>Map3k12</i>	-0.2	0.8	6.5	1.42E-02	42.03%
1003	10368979		0.2	1.2	5.2	1.43E-02	42.05%
1004	10408010	<i>Zkscan3</i>	-0.2	0.9	8.7	1.43E-02	42.06%
1005	10339194		-0.5	0.7	6.4	1.44E-02	42.19%
1006	10496946	<i>Zzz3</i>	-0.2	0.9	9.2	1.44E-02	42.19%
1007	10444824	<i>H2-Q6</i>	0.3	1.3	9.3	1.44E-02	42.19%
1008	10340303		-0.5	0.7	5.5	1.44E-02	42.21%
1009	10417124	<i>B930095G15Rik</i>	-0.3	0.8	8.4	1.44E-02	42.21%
1010	10447923	<i>Tcte2</i>	-0.2	0.9	6.2	1.44E-02	42.26%
1011	10572838	<i>Sin3b</i>	-0.1	0.9	7.8	1.45E-02	42.26%
1012	10465740		0.3	1.2	4.5	1.45E-02	42.26%
1013	10573319	<i>Podnl1</i>	0.2	1.1	6.7	1.45E-02	42.26%
1014	10341415		-0.7	0.6	4.6	1.45E-02	42.26%
1015	10604165	<i>Rhox11</i>	0.3	1.2	4.7	1.45E-02	42.26%
1016	10390919	<i>Krtap4-1</i>	0.3	1.2	6.0	1.46E-02	42.26%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
1017	10423971	<i>Pkhd11l</i>	-0.3	0.8	5.8	1.46E-02	42.26%
1018	10566350	<i>Trim30b</i>	0.2	1.1	4.9	1.46E-02	42.26%
1019	10343154		-0.7	0.6	7.8	1.46E-02	42.26%
1020	10385504	<i>Gm5431</i>	0.6	1.5	9.2	1.46E-02	42.26%
1021	10343415		-0.6	0.7	6.7	1.46E-02	42.26%
1022	10386821		-0.2	0.9	7.6	1.46E-02	42.26%
1023	10538890		-0.8	0.6	7.8	1.46E-02	42.28%
1024	10503303	<i>1110037F02Rik</i>	-0.2	0.9	7.7	1.47E-02	42.28%
1025	10363350	<i>P4ha1</i>	-0.5	0.7	8.0	1.47E-02	42.28%
1026	10483081	<i>Fap</i>	-0.3	0.8	6.2	1.47E-02	42.28%
1027	10484618	<i>Olfr1083</i>	0.2	1.2	4.0	1.47E-02	42.30%
1028	10344284		-0.6	0.7	5.6	1.47E-02	42.31%
1029	10537728	<i>Casp2</i>	-0.2	0.9	9.2	1.48E-02	42.35%
1030	10539979		0.2	1.2	5.1	1.48E-02	42.35%
1031	10424796	<i>Oplah</i>	0.2	1.2	6.9	1.48E-02	42.35%
1032	10339978		-1.1	0.5	5.1	1.48E-02	42.35%
1033	10560919	<i>Atp1a3</i>	0.3	1.2	7.2	1.49E-02	42.35%
1034	10520379	<i>Rbm33</i>	-0.2	0.9	8.8	1.49E-02	42.35%
1035	10468881	<i>Zfp826</i>	-0.3	0.8	9.4	1.49E-02	42.35%
1036	10494386	<i>Hist2h2ab</i>	0.2	1.1	12.5	1.49E-02	42.35%
1037	10340630		-0.3	0.8	8.5	1.49E-02	42.35%
1038	10578423	<i>Gm9908</i>	-0.3	0.8	7.8	1.49E-02	42.35%
1039	10343091		-0.4	0.8	3.0	1.50E-02	42.35%
1040	10447294	<i>Prkce</i>	-0.2	0.9	8.2	1.50E-02	42.35%
1041	10508608	<i>Pefl</i>	0.2	1.2	10.0	1.50E-02	42.35%
1042	10369890		0.2	1.2	6.5	1.50E-02	42.35%
1043	10340477		-0.3	0.8	8.0	1.50E-02	42.35%
1044	10404069	<i>Hist1h1a</i>	0.2	1.2	9.6	1.50E-02	42.35%
1045	10338799		-1.2	0.4	6.3	1.50E-02	42.35%
1046	10424695	<i>Gpihbp1</i>	0.3	1.2	7.3	1.50E-02	42.35%
1047	10427538	<i>Nipbl</i>	-0.2	0.9	9.9	1.51E-02	42.35%
1048	10353135	<i>Ncoa2</i>	-0.2	0.9	8.8	1.51E-02	42.35%
1049	10575993	<i>6430548M08Rik</i>	-0.3	0.8	7.7	1.51E-02	42.35%
1050	10343983		-0.5	0.7	6.8	1.51E-02	42.35%
1051	10339073		-0.4	0.8	8.4	1.51E-02	42.35%
1052	10402302	<i>Btbd7</i>	-0.2	0.9	8.9	1.51E-02	42.35%
1053	10429802	<i>Plec</i>	-0.2	0.9	9.1	1.51E-02	42.35%
1054	10343120		0.5	1.4	5.2	1.51E-02	42.35%
1055	10340449		-0.5	0.7	7.9	1.51E-02	42.35%
1056	10342988		-0.3	0.8	7.0	1.52E-02	42.42%
1057	10400045	<i>1700108M19Rik</i>	0.2	1.2	4.6	1.52E-02	42.42%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1058	10510574	<i>Errfi1</i>	-0.4	0.8	10.4	1.52E-02	42.42%
1059	10434133	<i>Dgcr6</i>	0.2	1.1	8.5	1.52E-02	42.43%
1060	10527538	<i>Rasl11a</i>	0.3	1.2	7.2	1.52E-02	42.43%
1061	10441956	<i>Fam120b</i>	-0.2	0.9	8.5	1.52E-02	42.43%
1062	10339197		-0.6	0.7	6.3	1.53E-02	42.48%
1063	10500204	<i>Ecm1</i>	0.5	1.4	9.0	1.53E-02	42.48%
1064	10532289	<i>Crlf2</i>	0.2	1.1	7.9	1.53E-02	42.48%
1065	10431659	<i>Kif21a</i>	-0.3	0.8	7.3	1.53E-02	42.49%
1066	10340470		-0.8	0.6	4.0	1.53E-02	42.52%
1067	10341435		-0.5	0.7	7.9	1.54E-02	42.52%
1068	10463185	<i>Ubt1</i>	0.2	1.1	7.2	1.54E-02	42.52%
1069	10548547	<i>Gm6600</i>	0.4	1.3	4.1	1.54E-02	42.54%
1070	10468022	<i>Mrpl43</i>	0.2	1.2	9.0	1.54E-02	42.54%
1071	10344023		0.2	1.2	8.5	1.54E-02	42.54%
1072	10356248	<i>C130026I21Rik</i>	0.4	1.3	6.3	1.55E-02	42.56%
1073	10573198	<i>Dnajb1</i>	-0.4	0.8	8.4	1.55E-02	42.56%
1074	10397649		-0.2	0.9	3.3	1.55E-02	42.56%
1075	10579543	<i>Nxnl1</i>	0.3	1.2	5.7	1.55E-02	42.56%
1076	10555783	<i>Olf1597</i>	-0.3	0.8	3.2	1.55E-02	42.60%
1077	10425880	<i>Prr5</i>	0.2	1.2	9.8	1.55E-02	42.60%
1078	10593589		-0.2	0.9	5.3	1.55E-02	42.60%
1079	10513869	<i>Megf9</i>	-0.6	0.7	7.9	1.56E-02	42.64%
1080	10518976	<i>Ccdc27</i>	0.3	1.2	5.1	1.56E-02	42.69%
1081	10572949	<i>Nr3c2</i>	-0.4	0.8	9.2	1.56E-02	42.69%
1082	10540659	<i>Tll3</i>	-0.2	0.9	7.6	1.56E-02	42.72%
1083	10343012		-0.4	0.8	7.1	1.57E-02	42.75%
1084	10338459		-0.6	0.7	7.0	1.57E-02	42.75%
1085	10497590	<i>Mecom</i>	-0.5	0.7	7.4	1.57E-02	42.76%
1086	10464251	<i>Atrnl1</i>	-0.2	0.9	9.3	1.57E-02	42.76%
1087	10341497		-0.3	0.8	6.7	1.57E-02	42.78%
1088	10340041		0.3	1.2	6.9	1.57E-02	42.78%
1089	10339152		-0.5	0.7	4.4	1.58E-02	42.80%
1090	10520268		0.3	1.2	6.9	1.58E-02	42.80%
1091	10339028		-0.3	0.8	6.0	1.58E-02	42.94%
1092	10353731	<i>Gm5415</i>	-0.2	0.8	6.5	1.59E-02	42.97%
1093	10582445	<i>Ankrd11</i>	-0.2	0.9	9.2	1.59E-02	42.97%
1094	10537696	<i>Sval3</i>	-0.3	0.8	3.4	1.60E-02	43.02%
1095	10462995		-0.3	0.8	4.7	1.60E-02	43.02%
1096	10342286		-0.5	0.7	6.4	1.60E-02	43.02%
1097	10516466	<i>Zmym1</i>	-0.2	0.9	6.7	1.60E-02	43.02%
1098	10358652	<i>Hmcn1</i>	-0.4	0.7	5.6	1.60E-02	43.02%

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1099	10343863		-0.8	0.6	4.9	1.60E-02	43.02%
1100	10550820	<i>Vmn1r178</i>	-0.3	0.8	3.9	1.60E-02	43.02%
1101	10504499	<i>Zcchc7</i>	-0.2	0.9	8.1	1.60E-02	43.02%
1102	10497580		-0.2	0.9	4.4	1.61E-02	43.02%
1103	10379401	<i>Rnf135</i>	-0.2	0.9	7.0	1.61E-02	43.02%
1104	10396840	<i>Rdh12</i>	0.2	1.2	5.4	1.61E-02	43.02%
1105	10450501	<i>Tnf</i>	0.3	1.2	6.6	1.61E-02	43.03%
1106	10341377		0.4	1.3	6.8	1.61E-02	43.03%
1107	10341919		-0.5	0.7	7.3	1.61E-02	43.11%
1108	10338630		-0.5	0.7	2.9	1.62E-02	43.11%
1109	10536444	<i>Foxp2</i>	-0.3	0.8	6.9	1.62E-02	43.11%
1110	10340279		-0.3	0.8	9.2	1.62E-02	43.14%
1111	10338823		-0.3	0.8	7.7	1.62E-02	43.14%
1112	10562291	<i>Abpd</i>	0.2	1.1	5.8	1.63E-02	43.14%
1113	10559179	<i>E330027M22Rik</i>	-0.6	0.6	5.1	1.63E-02	43.14%
1114	10527732	<i>Fry</i>	-0.3	0.8	7.5	1.63E-02	43.14%
1115	10414514	<i>Pnp</i>	0.4	1.3	11.0	1.63E-02	43.14%
1116	10438040	<i>Olfir19</i>	0.3	1.2	4.8	1.63E-02	43.14%
1117	10546349	<i>Xpc</i>	-0.2	0.9	7.3	1.63E-02	43.14%
1118	10592988	<i>Ube4a</i>	-0.2	0.9	9.6	1.64E-02	43.14%
1119	10536505	<i>Met</i>	-0.3	0.8	9.0	1.64E-02	43.14%
1120	10607062		0.3	1.3	7.2	1.64E-02	43.14%
1121	10377847	<i>Gltpd2</i>	0.4	1.3	6.6	1.64E-02	43.14%
1122	10343919		-0.7	0.6	5.2	1.64E-02	43.14%
1123	10354649	<i>Pgap1</i>	-0.3	0.8	9.5	1.64E-02	43.14%
1124	10529957	<i>Gpr125</i>	-0.2	0.9	9.3	1.64E-02	43.14%
1125	10426467	<i>Tmem117</i>	-1.7	0.3	8.1	1.65E-02	43.14%
1126	10340333		-0.4	0.7	7.4	1.65E-02	43.14%
1127	10418169		-0.3	0.8	8.4	1.65E-02	43.14%
1128	10500324	<i>Hist2h2aa1</i>	0.2	1.1	12.7	1.65E-02	43.14%
1129	10554752	<i>Nox4</i>	-0.4	0.7	5.6	1.65E-02	43.14%
1130	10484941	<i>Madd</i>	-0.2	0.9	7.6	1.65E-02	43.14%
1131	10579554	<i>Unc13a</i>	0.2	1.1	6.6	1.65E-02	43.14%
1132	10339873		0.2	1.1	11.2	1.65E-02	43.15%
1133	10342974		-0.7	0.6	6.5	1.65E-02	43.15%
1134	10344475		-0.4	0.7	7.5	1.65E-02	43.15%
1135	10395875		-0.4	0.8	4.7	1.66E-02	43.22%
1136	10539741	<i>Aak1</i>	-0.2	0.9	9.3	1.66E-02	43.32%
1137	10355202	<i>Cryga</i>	0.3	1.2	6.0	1.67E-02	43.36%
1138	10462333	<i>Cdc37l1</i>	-0.3	0.8	8.5	1.67E-02	43.36%
1139	10376394	<i>Olfir324</i>	0.3	1.2	5.6	1.67E-02	43.36%

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1140	10463448	<i>Peo1</i>	-0.2	0.9	7.0	1.67E-02	43.36%
1141	10340186		-0.3	0.8	7.9	1.67E-02	43.36%
1142	10562911	<i>Tbc1d17</i>	0.2	1.2	7.8	1.68E-02	43.36%
1143	10585268	<i>Btg4</i>	0.3	1.2	4.2	1.68E-02	43.36%
1144	10399632	<i>F630048H11Rik</i>	-0.3	0.8	6.5	1.68E-02	43.52%
1145	10494332		0.2	1.2	7.6	1.69E-02	43.55%
1146	10344223		-0.4	0.8	9.4	1.69E-02	43.58%
1147	10384555	<i>Aftph</i>	-0.2	0.9	9.8	1.69E-02	43.58%
1148	10340614		-0.5	0.7	6.3	1.69E-02	43.58%
1149	10591522	<i>Ap1m2</i>	-0.2	0.9	9.4	1.70E-02	43.58%
1150	10449510	<i>4930539E08Rik</i>	-0.4	0.8	8.5	1.70E-02	43.58%
1151	10381934	<i>Tanc2</i>	-0.2	0.8	7.3	1.70E-02	43.58%
1152	10357875	<i>Btg2</i>	-0.3	0.8	9.8	1.70E-02	43.58%
1153	10409076	<i>Phf2</i>	-0.1	0.9	8.2	1.70E-02	43.58%
1154	10425024	<i>1110038F14Rik</i>	0.3	1.2	8.4	1.70E-02	43.58%
1155	10359525	<i>Prrc2c</i>	-0.2	0.9	10.3	1.70E-02	43.61%
1156	10338822		-0.4	0.7	7.5	1.71E-02	43.61%
1157	10372177	<i>Tmtc2</i>	-0.4	0.8	7.9	1.71E-02	43.61%
1158	10451291	<i>Slc22a7</i>	0.4	1.3	6.1	1.71E-02	43.61%
1159	10338271		-0.5	0.7	6.6	1.71E-02	43.61%
1160	10520521	<i>Cenpa</i>	0.3	1.2	9.7	1.71E-02	43.61%
1161	10343008		-0.4	0.8	6.9	1.72E-02	43.61%
1162	10367843	<i>Utrn</i>	-0.2	0.9	9.5	1.72E-02	43.61%
1163	10342403		-0.6	0.7	5.1	1.72E-02	43.61%
1164	10564565		0.4	1.3	7.6	1.72E-02	43.61%
1165	10529875	<i>Ldb2</i>	-0.3	0.8	7.7	1.72E-02	43.61%
1166	10387257	<i>Alox8</i>	0.2	1.1	6.0	1.72E-02	43.61%
1167	10512728	<i>Tstd2</i>	-0.2	0.9	8.6	1.72E-02	43.61%
1168	10535524	<i>Ocm</i>	-1.2	0.4	9.0	1.73E-02	43.62%
1169	10457778	<i>Gm10551</i>	-0.3	0.8	7.6	1.73E-02	43.62%
1170	10589076	<i>Slc25a20</i>	0.3	1.2	9.7	1.73E-02	43.62%
1171	10340837		-0.4	0.8	7.7	1.73E-02	43.62%
1172	10340798		-0.4	0.7	4.1	1.73E-02	43.62%
1173	10393877		-0.3	0.8	7.7	1.73E-02	43.62%
1174	10338660		-0.6	0.7	6.4	1.73E-02	43.62%
1175	10504761		-0.8	0.6	8.6	1.74E-02	43.63%
1176	10341951		0.2	1.2	10.3	1.74E-02	43.63%
1177	10437195	<i>Igsf5</i>	-0.2	0.9	10.3	1.74E-02	43.63%
1178	10593103	<i>Rnf214</i>	-0.2	0.9	8.5	1.74E-02	43.71%
1179	10343281		-0.6	0.7	6.0	1.75E-02	43.71%
1180	10440292	<i>Gm5488</i>	-0.3	0.8	7.9	1.75E-02	43.71%

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1181	10344135		-0.7	0.6	7.0	1.75E-02	43.71%
1182	10603270	<i>Bmp15</i>	0.3	1.2	5.1	1.75E-02	43.71%
1183	10359082	<i>Cep350</i>	-0.2	0.8	10.3	1.75E-02	43.77%
1184	10348791	<i>Ano7</i>	-0.3	0.8	9.3	1.77E-02	44.06%
1185	10543067	<i>Asns</i>	0.5	1.4	10.6	1.77E-02	44.06%
1186	10562368	<i>4931406P16Rik</i>	-0.1	0.9	8.8	1.77E-02	44.06%
1187	10587150	<i>Myo5c</i>	-0.4	0.8	8.3	1.78E-02	44.06%
1188	10340319		-0.3	0.8	9.3	1.78E-02	44.06%
1189	10344336		-0.7	0.6	4.5	1.78E-02	44.06%
1190	10342945		0.2	1.2	11.5	1.78E-02	44.06%
1191	10533182	<i>Dtx1</i>	0.3	1.2	8.4	1.78E-02	44.06%
1192	10341703		-0.3	0.8	7.3	1.78E-02	44.06%
1193	10366683	<i>D930020B18Rik</i>	-0.3	0.8	5.7	1.78E-02	44.06%
1194	10341215		-0.4	0.8	7.1	1.78E-02	44.06%
1195	10462102	<i>Ptar1</i>	-0.3	0.8	8.6	1.79E-02	44.06%
1196	10414527	<i>Pnp2</i>	0.3	1.2	11.8	1.79E-02	44.06%
1197	10604832	<i>Mir505</i>	-0.4	0.8	10.6	1.79E-02	44.06%
1198	10598586	<i>Xk</i>	-0.4	0.7	8.8	1.79E-02	44.06%
1199	10343348		-0.3	0.8	8.7	1.79E-02	44.06%
1200	10338730		0.2	1.1	10.1	1.79E-02	44.06%
1201	10495549	<i>Dbt</i>	-0.2	0.9	8.9	1.79E-02	44.06%
1202	10403038		0.7	1.6	8.9	1.79E-02	44.06%
1203	10340077		-0.3	0.8	7.4	1.79E-02	44.06%
1204	10504753		-0.8	0.6	7.9	1.80E-02	44.06%
1205	10570013	<i>Abhd13</i>	-0.2	0.9	9.7	1.80E-02	44.06%
1206	10341888		-0.3	0.8	7.9	1.80E-02	44.06%
1207	10592463	<i>Olfir980</i>	0.2	1.1	5.1	1.80E-02	44.06%
1208	10343552		-0.6	0.7	9.3	1.80E-02	44.06%
1209	10342442		0.2	1.2	13.4	1.80E-02	44.06%
1210	10343881		-0.3	0.8	7.7	1.80E-02	44.06%
1211	10398130	<i>Ak7</i>	0.2	1.1	5.5	1.81E-02	44.08%
1212	10606910	<i>Mcart6</i>	0.2	1.2	6.4	1.81E-02	44.23%
1213	10593756	<i>Chrna3</i>	-0.3	0.8	6.5	1.81E-02	44.23%
1214	10343015		-0.5	0.7	7.1	1.82E-02	44.24%
1215	10545220	<i>Igk-V1</i>	1.0	2.1	9.3	1.82E-02	44.25%
1216	10469954	<i>Tmem203</i>	0.1	1.1	8.8	1.82E-02	44.25%
1217	10354019	<i>2010300C02Rik</i>	-0.2	0.9	8.2	1.82E-02	44.30%
1218	10364518	<i>Ptbpl</i>	0.1	1.1	11.0	1.83E-02	44.30%
1219	10369290	<i>Ddit4</i>	-0.3	0.8	7.8	1.83E-02	44.34%
1220	10499935	<i>Lceli</i>	-0.4	0.7	5.3	1.83E-02	44.34%
1221	10504656	<i>E230008N13Rik</i>	0.3	1.3	5.6	1.83E-02	44.34%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1222	10421456	<i>Xpo7</i>	-0.2	0.9	9.4	1.84E-02	44.34%
1223	10343192		-0.5	0.7	6.2	1.84E-02	44.34%
1224	10505240		1.1	2.1	5.0	1.84E-02	44.34%
1225	10518882	<i>Espn</i>	0.2	1.1	8.6	1.84E-02	44.34%
1226	10591241	<i>Zfp426</i>	-0.2	0.9	7.0	1.85E-02	44.34%
1227	10589848	<i>Ubp1</i>	-0.2	0.9	10.2	1.85E-02	44.34%
1228	10340133		-0.7	0.6	5.2	1.85E-02	44.34%
1229	10411633	<i>Naip1</i>	-0.5	0.7	10.3	1.85E-02	44.34%
1230	10398195	<i>Ccnk</i>	-0.1	0.9	9.5	1.85E-02	44.34%
1231	10466835	<i>Snora19</i>	-0.2	0.9	4.0	1.85E-02	44.34%
1232	10468851	<i>Snora19</i>	-0.2	0.9	4.0	1.85E-02	44.34%
1233	10393532	<i>Dnahc17</i>	0.3	1.2	5.1	1.85E-02	44.34%
1234	10469475	<i>Mllt10</i>	-0.2	0.9	9.4	1.85E-02	44.34%
1235	10379936	<i>Tbx2</i>	0.2	1.1	7.7	1.85E-02	44.34%
1236	10491860	<i>Phf17</i>	-0.2	0.9	8.3	1.85E-02	44.34%
1237	10593356	<i>Sdhd</i>	0.2	1.2	11.7	1.86E-02	44.34%
1238	10603099	<i>Figf</i>	-0.3	0.8	7.0	1.86E-02	44.36%
1239	10345007	<i>Tcfap2d</i>	0.3	1.2	5.1	1.87E-02	44.61%
1240	10561453	<i>Zfp36</i>	-0.2	0.8	10.2	1.87E-02	44.65%
1241	10592393	<i>Olfir938</i>	0.2	1.2	4.3	1.87E-02	44.65%
1242	10513922	<i>Rasef</i>	-0.4	0.8	7.9	1.88E-02	44.65%
1243	10341638		-0.4	0.8	6.0	1.88E-02	44.66%
1244	10542093	<i>Nrip2</i>	0.2	1.2	6.4	1.88E-02	44.68%
1245	10433656	<i>Mkl2</i>	-0.2	0.8	9.0	1.88E-02	44.68%
1246	10338500		-0.4	0.8	7.9	1.88E-02	44.68%
1247	10338345		-0.8	0.6	7.3	1.88E-02	44.68%
1248	10498651		0.2	1.2	6.5	1.89E-02	44.79%
1249	10344611		-0.3	0.8	7.0	1.90E-02	44.91%
1250	10339200		-0.5	0.7	5.2	1.90E-02	44.91%
1251	10514491	<i>Cyp2j12-ps</i>	0.2	1.2	4.7	1.91E-02	44.93%
1252	10341822		-0.6	0.7	5.3	1.91E-02	44.93%
1253	10470649	<i>Tf1</i>	-0.1	0.9	7.7	1.91E-02	44.93%
1254	10433472	<i>1810013L24Rik</i>	-0.2	0.9	9.6	1.91E-02	44.93%
1255	10343504		-0.2	0.9	11.0	1.91E-02	44.93%
1256	10532407	<i>Ep400</i>	-0.2	0.9	8.8	1.92E-02	44.93%
1257	10405029	<i>Dcun1d1</i>	0.3	1.2	4.2	1.92E-02	44.93%
1258	10366640	<i>Llph</i>	-0.3	0.8	5.7	1.92E-02	44.93%
1259	10365408	<i>Ric8b</i>	-0.2	0.9	8.5	1.92E-02	44.93%
1260	10443885	<i>Cyp4f40</i>	-0.3	0.8	10.3	1.92E-02	44.93%
1261	10410776		-0.2	0.9	5.3	1.92E-02	44.93%
1262	10519815	<i>Cacna2d1</i>	-0.3	0.8	7.0	1.93E-02	44.93%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1263	10556160	<i>Olfir510</i>	0.2	1.2	4.3	1.93E-02	44.93%
1264	10417510		-0.3	0.8	4.6	1.93E-02	44.93%
1265	10419151	<i>Ear1</i>	0.4	1.3	4.4	1.93E-02	44.93%
1266	10605503		-0.3	0.8	3.8	1.93E-02	44.93%
1267	10408008		0.4	1.3	6.3	1.93E-02	44.93%
1268	10343081		0.2	1.1	9.5	1.93E-02	44.93%
1269	10482918		-0.2	0.9	7.2	1.93E-02	44.93%
1270	10341152		-0.7	0.6	6.0	1.93E-02	44.93%
1271	10521709	<i>Lap3</i>	0.3	1.2	12.5	1.94E-02	44.93%
1272	10376459		0.2	1.2	8.7	1.94E-02	44.93%
1273	10564343	<i>Tjp1</i>	-0.2	0.9	10.1	1.94E-02	44.93%
1274	10400057	<i>Arl4a</i>	-0.4	0.8	8.1	1.94E-02	44.93%
1275	10577352	<i>Defb12</i>	0.4	1.3	5.7	1.94E-02	44.93%
1276	10607407		-0.3	0.8	4.2	1.94E-02	44.93%
1277	10339776		-0.5	0.7	7.3	1.94E-02	44.93%
1278	10556426	<i>Parva</i>	-0.3	0.8	9.4	1.94E-02	44.93%
1279	10596442	<i>Ppm1m</i>	0.2	1.2	7.8	1.95E-02	44.93%
1280	10339929		-0.3	0.8	7.6	1.95E-02	44.93%
1281	10420295	<i>Gzmf</i>	-0.3	0.8	5.2	1.95E-02	44.93%
1282	10344327		0.4	1.3	7.6	1.95E-02	44.93%
1283	10338755		-0.6	0.7	3.3	1.95E-02	44.93%
1284	10357954	<i>Ppp1r12b</i>	-0.2	0.9	7.0	1.95E-02	44.93%
1285	10341489		0.7	1.6	2.6	1.95E-02	44.93%
1286	10441313	<i>C2cd2</i>	-0.3	0.8	7.5	1.96E-02	45.06%
1287	10576797		0.2	1.2	7.8	1.96E-02	45.06%
1288	10436760	<i>Krtap6-1</i>	0.2	1.1	3.8	1.96E-02	45.06%
1289	10338474		-0.2	0.8	9.5	1.96E-02	45.06%
1290	10489038	<i>Scand1</i>	0.2	1.2	10.9	1.97E-02	45.11%
1291	10571036	<i>Ppapdc1b</i>	0.2	1.1	9.9	1.97E-02	45.15%
1292	10346191	<i>Stat1</i>	0.3	1.3	10.6	1.98E-02	45.21%
1293	10474448		-0.2	0.9	3.1	1.98E-02	45.21%
1294	10489456	<i>Svs3b</i>	-0.4	0.7	4.5	1.98E-02	45.21%
1295	10506433	<i>Dab1</i>	0.3	1.2	9.0	1.99E-02	45.21%
1296	10607495		0.3	1.2	6.5	1.99E-02	45.21%
1297	10535369		0.2	1.2	9.8	1.99E-02	45.21%
1298	10341161		-0.3	0.8	8.8	1.99E-02	45.21%
1299	10512093	<i>Ndufb6</i>	0.2	1.2	12.1	1.99E-02	45.21%
1300	10567514		-0.2	0.9	3.1	2.00E-02	45.21%
1301	10403060	<i>Ighv1-72</i>	0.7	1.6	10.4	2.00E-02	45.21%
1302	10340038		0.2	1.2	10.7	2.00E-02	45.21%
1303	10347186		-0.2	0.9	5.9	2.00E-02	45.21%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
1304	10428396		0.3	1.2	6.3	2.00E-02	45.21%
1305	10500813	<i>Hipk1</i>	-0.2	0.9	10.4	2.00E-02	45.21%
1306	10591653	<i>Tmem205</i>	0.2	1.1	8.3	2.00E-02	45.21%
1307	10503182	<i>Chd7</i>	-0.3	0.8	8.6	2.00E-02	45.21%
1308	10448811	<i>Cramp1l</i>	-0.2	0.9	8.2	2.00E-02	45.21%
1309	10343946		-0.2	0.8	6.9	2.01E-02	45.21%
1310	10503188	<i>Chd7</i>	-0.2	0.9	9.1	2.01E-02	45.21%
1311	10514047		0.2	1.2	2.9	2.01E-02	45.21%
1312	10396671	<i>Plekhg3</i>	-0.2	0.9	7.4	2.01E-02	45.21%
1313	10457614	<i>Aqp4</i>	0.3	1.2	7.7	2.01E-02	45.21%
1314	10394288	<i>Itsn2</i>	-0.2	0.9	8.9	2.01E-02	45.21%
1315	10344493		-0.2	0.9	9.7	2.02E-02	45.43%
1316	10403079		0.6	1.5	10.1	2.02E-02	45.43%
1317	10392464	<i>Fam20a</i>	0.2	1.2	8.0	2.03E-02	45.43%
1318	10541524	<i>Nanog</i>	0.2	1.2	5.8	2.03E-02	45.43%
1319	10478928	<i>Tshz2</i>	-0.2	0.9	7.3	2.03E-02	45.43%
1320	10439854	<i>Bbx</i>	-0.3	0.8	7.7	2.03E-02	45.43%
1321	10507500	<i>Slc6a9</i>	-0.3	0.8	8.5	2.03E-02	45.43%
1322	10360415	<i>Grem2</i>	-0.4	0.8	7.7	2.04E-02	45.43%
1323	10516926	<i>Med18</i>	0.2	1.1	6.8	2.04E-02	45.43%
1324	10338797		-0.5	0.7	6.1	2.04E-02	45.43%
1325	10502890	<i>St6galnac3</i>	0.3	1.2	6.9	2.04E-02	45.43%
1326	10544477	<i>Nobox</i>	0.2	1.2	5.1	2.04E-02	45.43%
1327	10508953	<i>Trim63</i>	0.3	1.2	6.3	2.04E-02	45.43%
1328	10411552	<i>Bdp1</i>	-0.3	0.8	8.7	2.04E-02	45.43%
1329	10341910		-0.5	0.7	8.4	2.04E-02	45.43%
1330	10376474	<i>Mrpl55</i>	0.2	1.1	8.6	2.04E-02	45.43%
1331	10343410		0.6	1.5	9.7	2.05E-02	45.43%
1332	10604665		-0.3	0.8	4.7	2.05E-02	45.43%
1333	10420675	<i>Gucy1b2</i>	0.2	1.2	5.3	2.05E-02	45.44%
1334	10407072	<i>Elovl7</i>	-0.3	0.8	10.5	2.05E-02	45.44%
1335	10472794	<i>Metap1d</i>	0.2	1.1	6.7	2.06E-02	45.44%
1336	10343043		-0.6	0.7	5.2	2.06E-02	45.44%
1337	10338163		-0.2	0.9	10.3	2.06E-02	45.44%
1338	10501046		-0.4	0.8	7.6	2.06E-02	45.44%
1339	10508351	<i>Phc2</i>	0.2	1.1	8.3	2.06E-02	45.44%
1340	10596568		-0.3	0.8	7.6	2.06E-02	45.44%
1341	10340669		-0.5	0.7	5.6	2.06E-02	45.44%
1342	10453141	<i>Sos1</i>	-0.2	0.9	8.5	2.06E-02	45.44%
1343	10453900	<i>Riok3</i>	-0.2	0.9	9.7	2.07E-02	45.52%
1344	10582862	<i>Arhgef12</i>	0.5	1.4	7.7	2.07E-02	45.52%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
1345	10340740		-0.5	0.7	6.9	2.07E-02	45.52%
1346	10546421	<i>Prickle2</i>	-0.2	0.9	6.6	2.07E-02	45.52%
1347	10341358		-0.6	0.7	5.1	2.08E-02	45.52%
1348	10358567	<i>Hmcn1</i>	-0.3	0.8	5.3	2.08E-02	45.52%
1349	10421046	<i>Dock5</i>	-0.2	0.9	9.9	2.08E-02	45.57%
1350	10515574	<i>St3gal3</i>	-0.2	0.8	8.2	2.08E-02	45.61%
1351	10442629	<i>Spsb3</i>	0.1	1.1	7.8	2.09E-02	45.65%
1352	10419440	<i>Olfir728</i>	0.4	1.3	4.8	2.09E-02	45.65%
1353	10602472		-0.2	0.9	3.7	2.09E-02	45.65%
1354	10375515	<i>Ifi47</i>	0.5	1.5	9.0	2.09E-02	45.65%
1355	10380226	<i>Cuedc1</i>	-0.2	0.9	7.2	2.09E-02	45.65%
1356	10382935	<i>Tnrc6c</i>	-0.2	0.9	8.0	2.09E-02	45.65%
1357	10404127	<i>Hist1h2aa</i>	0.2	1.2	8.0	2.10E-02	45.66%
1358	10437668	<i>Socs1</i>	0.3	1.2	7.5	2.10E-02	45.70%
1359	10372338	<i>Gm5136</i>	0.2	1.2	5.7	2.10E-02	45.70%
1360	10562665		0.2	1.2	4.6	2.10E-02	45.70%
1361	10437160	<i>Ets2</i>	-0.2	0.8	10.2	2.11E-02	45.75%
1362	10507299	<i>Gpbp111</i>	-0.2	0.9	10.3	2.11E-02	45.76%
1363	10551410	<i>Zfp60</i>	-0.2	0.9	6.3	2.11E-02	45.76%
1364	10536752	<i>Fscn3</i>	0.3	1.2	5.3	2.11E-02	45.76%
1365	10368380	<i>L3mbtl3</i>	-0.2	0.9	7.5	2.11E-02	45.77%
1366	10342150		-0.8	0.6	4.4	2.12E-02	45.92%
1367	10339734		0.5	1.4	9.0	2.12E-02	45.92%
1368	10341717		0.4	1.3	7.2	2.13E-02	45.92%
1369	10341952		-0.4	0.8	4.8	2.13E-02	45.92%
1370	10352448	<i>Dusp10</i>	-0.4	0.7	8.1	2.13E-02	45.92%
1371	10341348		-0.5	0.7	6.5	2.13E-02	45.92%
1372	10472499		0.3	1.2	4.9	2.13E-02	45.92%
1373	10587419	<i>Senp6</i>	-0.2	0.9	9.9	2.13E-02	45.95%
1374	10476928		0.3	1.2	7.5	2.14E-02	45.95%
1375	10405820		-0.3	0.8	6.5	2.14E-02	45.97%
1376	10596492	<i>Parp3</i>	0.2	1.1	8.7	2.14E-02	45.97%
1377	10408348	<i>Mrs2</i>	-0.2	0.9	8.4	2.14E-02	45.97%
1378	10454398	<i>AW554918</i>	-0.2	0.9	7.2	2.14E-02	45.97%
1379	10485562	<i>Hipk3</i>	-0.2	0.9	9.9	2.15E-02	45.97%
1380	10343287		-0.7	0.6	2.6	2.15E-02	45.97%
1381	10552406	<i>Nkg7</i>	0.6	1.5	9.3	2.15E-02	45.97%
1382	10473109	<i>Gm14461</i>	0.2	1.1	4.2	2.15E-02	45.97%
1383	10340606		-0.3	0.8	9.4	2.15E-02	45.97%
1384	10425265		0.3	1.2	6.3	2.15E-02	45.98%
1385	10503210	<i>Chd7</i>	-0.2	0.9	9.1	2.15E-02	45.98%

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1386	10343834		-0.7	0.6	6.7	2.16E-02	45.98%
1387	10556295	<i>Gm9132</i>	-0.3	0.8	7.8	2.16E-02	45.99%
1388	10397604		0.3	1.2	5.4	2.17E-02	46.17%
1389	10554094	<i>Igflr</i>	-0.3	0.8	7.6	2.17E-02	46.17%
1390	10366391	<i>Kcnc2</i>	0.2	1.2	5.2	2.18E-02	46.17%
1391	10558265	<i>Lhpp</i>	0.2	1.2	9.2	2.18E-02	46.17%
1392	10594353	<i>Map2k5</i>	-0.2	0.9	8.0	2.18E-02	46.17%
1393	10532085	<i>Tgfbr3</i>	-0.2	0.9	7.8	2.18E-02	46.17%
1394	10604380	<i>Zdhhc9</i>	-0.2	0.9	10.3	2.18E-02	46.17%
1395	10390299	<i>Pnpo</i>	-0.2	0.9	9.4	2.18E-02	46.17%
1396	10549899	<i>Zfp418</i>	-0.2	0.9	6.6	2.18E-02	46.17%
1397	10593483	<i>Fdx1</i>	-0.2	0.9	7.4	2.18E-02	46.17%
1398	10344559		-0.5	0.7	6.6	2.18E-02	46.17%
1399	10516024	<i>Tmco2</i>	0.3	1.2	5.3	2.19E-02	46.25%
1400	10539632	<i>Alms1</i>	-0.2	0.9	6.0	2.19E-02	46.25%
1401	10448424	<i>Pdpk1</i>	-0.2	0.9	10.2	2.19E-02	46.25%
1402	10423894	<i>Tm7sf4</i>	0.2	1.1	5.1	2.20E-02	46.25%
1403	10463254	<i>D19Erttd386e</i>	-0.2	0.9	7.4	2.20E-02	46.25%
1404	10484276	<i>Neurod1</i>	-0.3	0.8	6.0	2.20E-02	46.25%
1405	10604038	<i>Akap17b</i>	0.2	1.1	6.9	2.20E-02	46.25%
1406	10602716	<i>Ubqln2</i>	-0.3	0.8	8.0	2.20E-02	46.25%
1407	10601819	<i>Gprasp1</i>	-0.2	0.9	7.5	2.20E-02	46.25%
1408	10512443	<i>Stoml2</i>	0.2	1.2	9.7	2.21E-02	46.25%
1409	10340530		-0.2	0.8	2.3	2.21E-02	46.25%
1410	10342379		-0.4	0.7	7.1	2.21E-02	46.25%
1411	10411395	<i>Rgnef</i>	-0.2	0.8	8.0	2.21E-02	46.25%
1412	10533090	<i>Rfc5</i>	0.2	1.2	10.0	2.21E-02	46.25%
1413	10510125	<i>Mcrs1</i>	0.2	1.1	7.1	2.21E-02	46.25%
1414	10543512	<i>Zfp800</i>	-0.3	0.8	9.0	2.21E-02	46.25%
1415	10341200		-0.5	0.7	6.0	2.22E-02	46.25%
1416	10342264		-0.5	0.7	9.4	2.22E-02	46.25%
1417	10574595		0.3	1.2	8.2	2.22E-02	46.26%
1418	10343507		-0.4	0.8	7.3	2.22E-02	46.32%
1419	10414914		0.2	1.2	3.5	2.23E-02	46.39%
1420	10405158	<i>Pus7</i>	-0.3	0.8	6.4	2.23E-02	46.41%
1421	10598592	<i>1700012L04Rik</i>	-0.2	0.9	6.4	2.23E-02	46.43%
1422	10436598		-0.3	0.8	3.6	2.23E-02	46.43%
1423	10351491	<i>Olfml2b</i>	-0.2	0.9	6.7	2.24E-02	46.43%
1424	10376243		0.2	1.2	4.0	2.24E-02	46.43%
1425	10357529	<i>C4bp-ps1</i>	-0.3	0.8	4.0	2.24E-02	46.45%
1426	10504692	<i>Tstd2</i>	-0.2	0.9	7.4	2.24E-02	46.45%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1427	10350594	<i>Ivns1abp</i>	-0.2	0.9	11.3	2.24E-02	46.45%
1428	10558345	<i>Dock1</i>	-0.4	0.7	8.6	2.25E-02	46.56%
1429	10510507	<i>Mir34a</i>	0.3	1.2	4.5	2.25E-02	46.60%
1430	10341491		-0.3	0.8	8.6	2.26E-02	46.60%
1431	10556598	<i>Xylt1</i>	-0.3	0.8	7.6	2.26E-02	46.60%
1432	10524124	<i>Golga3</i>	-0.2	0.9	7.9	2.26E-02	46.60%
1433	10401702	<i>Zdhhc22</i>	0.2	1.2	5.6	2.26E-02	46.60%
1434	10608719	<i>Plekhn1</i>	0.3	1.2	8.6	2.26E-02	46.60%
1435	10339664		0.3	1.2	3.1	2.26E-02	46.60%
1436	10469110	<i>Usp6nl</i>	-0.2	0.9	9.3	2.26E-02	46.60%
1437	10519693	<i>Sema3d</i>	-0.3	0.8	5.8	2.27E-02	46.60%
1438	10546508		-0.4	0.8	7.4	2.27E-02	46.60%
1439	10386230	<i>Rnf187</i>	0.1	1.1	9.8	2.27E-02	46.60%
1440	10340070		-0.3	0.8	2.7	2.27E-02	46.60%
1441	10396956	<i>Pcnx</i>	-0.3	0.8	8.8	2.27E-02	46.62%
1442	10411306	<i>Polk</i>	-0.3	0.8	7.3	2.27E-02	46.62%
1443	10489053		-0.2	0.8	7.5	2.28E-02	46.62%
1444	10339401		-0.6	0.7	4.1	2.28E-02	46.62%
1445	10341018		-0.8	0.6	4.2	2.28E-02	46.62%
1446	10480541	<i>Ehmt1</i>	-0.2	0.9	8.1	2.28E-02	46.62%
1447	10527624	<i>Uspl1</i>	-0.3	0.8	8.1	2.28E-02	46.64%
1448	10341356		-0.6	0.7	6.2	2.29E-02	46.76%
1449	10570875	<i>Myst3</i>	-0.2	0.9	9.3	2.29E-02	46.76%
1450	10500329	<i>Hist2h2aa1</i>	0.1	1.1	12.7	2.29E-02	46.76%
1451	10341413		-0.3	0.8	8.3	2.30E-02	46.76%
1452	10547288	<i>Ankrd26</i>	-0.2	0.9	6.8	2.30E-02	46.76%
1453	10464813	<i>Rbm4</i>	-0.2	0.9	8.0	2.30E-02	46.76%
1454	10343914		-0.8	0.6	5.7	2.30E-02	46.76%
1455	10495794	<i>Pde5a</i>	-0.3	0.8	10.6	2.30E-02	46.76%
1456	10338445		-0.5	0.7	5.0	2.30E-02	46.76%
1457	10490352	<i>Taf4a</i>	-0.1	0.9	8.8	2.31E-02	46.76%
1458	10338997		-0.5	0.7	4.7	2.31E-02	46.76%
1459	10578408	<i>Adam26b</i>	0.3	1.2	3.2	2.31E-02	46.76%
1460	10343424		-0.6	0.7	3.8	2.32E-02	46.88%
1461	10602754		0.2	1.1	4.1	2.32E-02	46.88%
1462	10340190		-0.3	0.8	8.0	2.32E-02	46.88%
1463	10580955		-0.3	0.8	7.8	2.33E-02	46.88%
1464	10338338		-0.6	0.7	5.1	2.33E-02	46.88%
1465	10558811	<i>Ptdss2</i>	0.2	1.2	9.7	2.33E-02	46.88%
1466	10429510	<i>2300005B03Rik</i>	0.2	1.2	6.5	2.33E-02	46.88%
1467	10450948	<i>9130008F23Rik</i>	-0.6	0.7	6.8	2.33E-02	46.88%

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1468	10545184		0.6	1.6	11.7	2.33E-02	46.88%
1469	10411949	<i>Rgs7bp</i>	-0.3	0.8	7.4	2.33E-02	46.88%
1470	10576569	<i>BC021891</i>	-0.2	0.9	7.9	2.33E-02	46.88%
1471	10559635	<i>Hspbp1</i>	0.2	1.1	8.4	2.33E-02	46.88%
1472	10343657		-0.4	0.7	6.8	2.34E-02	46.88%
1473	10515712	<i>Szt2</i>	-0.3	0.8	7.7	2.34E-02	46.88%
1474	10468131	<i>9130011E15Rik</i>	-0.2	0.9	8.4	2.34E-02	46.88%
1475	10339983		-0.6	0.7	6.4	2.34E-02	46.88%
1476	10340253		-0.5	0.7	5.5	2.34E-02	46.88%
1477	10474073		-0.2	0.9	5.2	2.34E-02	46.88%
1478	10544768	<i>Hoxa5</i>	0.2	1.2	6.7	2.34E-02	46.88%
1479	10584071	<i>Prdm10</i>	-0.1	0.9	8.1	2.35E-02	46.92%
1480	10343517		-0.5	0.7	4.7	2.35E-02	46.92%
1481	10401900	<i>Sel1l</i>	-0.2	0.9	10.5	2.35E-02	46.92%
1482	10402730	<i>Ppp1r13b</i>	-0.2	0.9	8.6	2.35E-02	46.92%
1483	10420572	<i>Nupl1</i>	-0.1	0.9	10.1	2.36E-02	46.93%
1484	10483559		0.4	1.3	5.3	2.36E-02	46.93%
1485	10373223	<i>Lrp1</i>	-0.3	0.8	10.0	2.36E-02	47.00%
1486	10535956	<i>Stard13</i>	-0.2	0.9	7.8	2.36E-02	47.00%
1487	10555836		0.3	1.2	5.4	2.37E-02	47.00%
1488	10343039		-0.2	0.9	11.3	2.37E-02	47.00%
1489	10385511	<i>Psme2</i>	0.2	1.1	10.9	2.37E-02	47.00%
1490	10402409	<i>Serpina1e</i>	1.8	3.6	7.9	2.37E-02	47.01%
1491	10338942		-0.5	0.7	6.3	2.38E-02	47.02%
1492	10598073		1.2	2.3	10.7	2.38E-02	47.02%
1493	10340255		-0.5	0.7	4.9	2.39E-02	47.02%
1494	10343768		-0.5	0.7	6.0	2.39E-02	47.02%
1495	10563659	<i>Spty2d1</i>	-0.2	0.9	8.2	2.39E-02	47.02%
1496	10341616		-0.3	0.8	6.8	2.39E-02	47.02%
1497	10500333	<i>Hist2h4</i>	0.2	1.1	11.0	2.39E-02	47.02%
1498	10464342	<i>Eno4</i>	0.2	1.2	5.7	2.39E-02	47.02%
1499	10341250		-0.3	0.8	9.5	2.39E-02	47.02%
1500	10419803	<i>4931414P19Rik</i>	-0.2	0.9	5.9	2.40E-02	47.02%
1501	10350337		-0.2	0.8	5.1	2.40E-02	47.02%
1502	10356673	<i>Olfir1415</i>	0.3	1.2	7.0	2.40E-02	47.02%
1503	10359929	<i>Ddr2</i>	-0.3	0.8	7.9	2.40E-02	47.02%
1504	10412100	<i>Map3k1</i>	-0.2	0.9	8.7	2.40E-02	47.02%
1505	10502830	<i>Nexn</i>	-0.4	0.8	6.3	2.40E-02	47.02%
1506	10565525		0.2	1.2	6.0	2.40E-02	47.02%
1507	10409063	<i>Mirlet7a-1</i>	-0.4	0.8	5.9	2.41E-02	47.02%
1508	10377859	<i>Pld2</i>	-0.2	0.9	7.8	2.41E-02	47.02%

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1509	10407570	<i>Zmynd11</i>	-0.2	0.9	9.3	2.41E-02	47.02%
1510	10343373		-0.6	0.7	7.5	2.41E-02	47.02%
1511	10597764	<i>Xirp1</i>	0.2	1.2	6.2	2.41E-02	47.02%
1512	10349953	<i>Chit1</i>	0.3	1.2	5.1	2.42E-02	47.02%
1513	10343518		-0.5	0.7	6.6	2.42E-02	47.02%
1514	10349932	<i>Etnk2</i>	0.3	1.2	6.0	2.42E-02	47.02%
1515	10338946		-0.4	0.7	7.0	2.42E-02	47.02%
1516	10342775		0.3	1.2	6.4	2.42E-02	47.02%
1517	10343190		-0.3	0.8	9.3	2.43E-02	47.02%
1518	10342711		-0.5	0.7	7.3	2.43E-02	47.02%
1519	10361698	<i>Zc3h12d</i>	0.2	1.2	8.5	2.43E-02	47.02%
1520	10339413		-0.6	0.7	5.2	2.43E-02	47.02%
1521	10499948	<i>Lce3a</i>	0.3	1.2	5.2	2.43E-02	47.02%
1522	10344331		-0.4	0.7	6.8	2.43E-02	47.02%
1523	10465336	<i>Mrpl49</i>	0.2	1.1	9.4	2.43E-02	47.02%
1524	10542477	<i>Pik3c2g</i>	-0.3	0.8	6.2	2.43E-02	47.02%
1525	10339698		-0.8	0.6	3.6	2.44E-02	47.02%
1526	10415081		-1.0	0.5	6.8	2.44E-02	47.02%
1527	10520121		-1.0	0.5	6.8	2.44E-02	47.02%
1528	10578405		-1.0	0.5	6.8	2.44E-02	47.02%
1529	10586076		-1.0	0.5	6.8	2.44E-02	47.02%
1530	10341754		-0.5	0.7	3.0	2.44E-02	47.02%
1531	10340011		-0.5	0.7	3.9	2.44E-02	47.02%
1532	10342329		-0.2	0.9	4.0	2.44E-02	47.02%
1533	10490104	<i>Aurka</i>	0.2	1.2	8.5	2.44E-02	47.02%
1534	10513362	<i>Susd1</i>	0.2	1.2	6.5	2.44E-02	47.02%
1535	10344329		-0.5	0.7	6.4	2.44E-02	47.02%
1536	10344440		-0.4	0.7	8.5	2.45E-02	47.07%
1537	10338903		-0.5	0.7	3.5	2.45E-02	47.07%
1538	10441400	<i>Arid1b</i>	-0.2	0.9	9.3	2.45E-02	47.07%
1539	10384004	<i>Urgcp</i>	-0.1	0.9	8.6	2.45E-02	47.07%
1540	10338869		-0.5	0.7	7.1	2.46E-02	47.07%
1541	10344265		-0.6	0.7	6.2	2.46E-02	47.07%
1542	10424113	<i>Mal2</i>	-0.3	0.8	11.7	2.46E-02	47.07%
1543	10340790		-0.3	0.8	7.4	2.46E-02	47.07%
1544	10342187		-0.4	0.7	4.7	2.46E-02	47.07%
1545	10339381		-0.3	0.8	7.9	2.46E-02	47.07%
1546	10340171		-0.3	0.8	8.3	2.46E-02	47.07%
1547	10592303	<i>Robo3</i>	0.3	1.2	5.6	2.46E-02	47.08%
1548	10374366	<i>Egfr</i>	-0.2	0.9	8.7	2.47E-02	47.10%
1549	10569958	<i>Ccl25</i>	-0.2	0.9	7.8	2.47E-02	47.10%

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1550	10589756	<i>Epm2aip1</i>	-0.2	0.9	8.4	2.47E-02	47.10%
1551	10345442	<i>Hs6st1</i>	-0.2	0.9	8.5	2.47E-02	47.10%
1552	10438555	<i>Thpo</i>	0.2	1.2	6.9	2.48E-02	47.10%
1553	10374895	<i>1700034F02Rik</i>	-0.2	0.9	4.1	2.48E-02	47.10%
1554	10341398		-0.6	0.7	7.3	2.48E-02	47.10%
1555	10515710	<i>Szt2</i>	-0.2	0.8	8.2	2.48E-02	47.10%
1556	10340057		-0.9	0.5	3.6	2.48E-02	47.10%
1557	10342376		-0.3	0.8	7.0	2.48E-02	47.10%
1558	10591214	<i>Olfr867</i>	0.3	1.3	5.0	2.48E-02	47.10%
1559	10503659	<i>Epha7</i>	-0.5	0.7	6.7	2.49E-02	47.10%
1560	10344424		0.6	1.5	4.4	2.49E-02	47.10%
1561	10422436	<i>Dock9</i>	-0.2	0.9	8.2	2.49E-02	47.10%
1562	10352125		-0.3	0.8	6.7	2.49E-02	47.10%
1563	10387638	<i>Fgf11</i>	-0.2	0.9	6.6	2.49E-02	47.10%
1564	10339899		-0.5	0.7	4.9	2.49E-02	47.10%
1565	10403352	<i>Klf6</i>	-0.4	0.8	10.6	2.49E-02	47.10%
1566	10533483	<i>Atp2a2</i>	-0.2	0.9	11.7	2.49E-02	47.10%
1567	10343078		0.2	1.2	10.4	2.50E-02	47.12%
1568	10342369		0.2	1.2	10.8	2.50E-02	47.12%
1569	10359235	<i>Rasal2</i>	-0.2	0.9	7.6	2.50E-02	47.12%
1570	10362186	<i>Moxd1</i>	-0.2	0.9	6.5	2.51E-02	47.12%
1571	10343104		-0.4	0.7	7.0	2.51E-02	47.12%
1572	10341015		0.6	1.5	4.0	2.51E-02	47.12%
1573	10418578	<i>Nisch</i>	-0.1	0.9	9.7	2.51E-02	47.12%
1574	10479971		-0.2	0.9	6.0	2.51E-02	47.12%
1575	10514590	<i>Dock7</i>	-0.3	0.8	9.4	2.51E-02	47.12%
1576	10582190	<i>Gins2</i>	0.2	1.1	8.1	2.51E-02	47.12%
1577	10500157	<i>Setdb1</i>	-0.2	0.9	8.4	2.52E-02	47.12%
1578	10358599	<i>Hmcn1</i>	-0.2	0.9	7.2	2.52E-02	47.12%
1579	10340717		0.3	1.2	8.3	2.52E-02	47.12%
1580	10551155	<i>Lipe</i>	0.3	1.2	7.6	2.52E-02	47.12%
1581	10560270	<i>Npas1</i>	0.2	1.2	6.7	2.53E-02	47.12%
1582	10366238	<i>Ppp1r12a</i>	-0.3	0.8	10.5	2.53E-02	47.12%
1583	10450161	<i>H2-Ea-ps</i>	0.4	1.4	8.2	2.53E-02	47.12%
1584	10513521	<i>Mup20</i>	0.8	1.8	3.8	2.53E-02	47.12%
1585	10466932	<i>Insl6</i>	0.3	1.3	8.3	2.53E-02	47.12%
1586	10343825		-0.7	0.6	5.5	2.53E-02	47.12%
1587	10361926	<i>Map3k5</i>	-0.2	0.8	8.1	2.53E-02	47.12%
1588	10525195		-0.3	0.8	9.8	2.53E-02	47.12%
1589	10507057		0.2	1.2	4.8	2.54E-02	47.12%
1590	10547173	<i>Zfp422</i>	0.3	1.2	8.3	2.54E-02	47.12%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1591	10591497	<i>Kri1</i>	-0.2	0.9	7.6	2.54E-02	47.12%
1592	10360460	<i>Chml</i>	-0.5	0.7	7.6	2.54E-02	47.12%
1593	10342029		-0.5	0.7	5.1	2.54E-02	47.15%
1594	10394068	<i>Sectm1a</i>	0.4	1.3	7.9	2.55E-02	47.23%
1595	10344241		0.4	1.3	9.0	2.55E-02	47.23%
1596	10413697	<i>Pbrm1</i>	-0.1	0.9	8.6	2.55E-02	47.23%
1597	10531126	<i>Igj</i>	0.5	1.4	12.2	2.55E-02	47.23%
1598	10353729	<i>Gm5415</i>	-0.2	0.9	6.3	2.56E-02	47.23%
1599	10340720		-0.2	0.9	9.6	2.56E-02	47.23%
1600	10464107	<i>Ppnr</i>	-0.3	0.8	7.0	2.56E-02	47.23%
1601	10565349	<i>Vmn2r66</i>	0.2	1.2	3.9	2.56E-02	47.23%
1602	10493820	<i>S100a6</i>	-0.7	0.6	8.3	2.56E-02	47.23%
1603	10341293		-0.8	0.6	5.0	2.57E-02	47.32%
1604	10552270	<i>Zfp619</i>	-0.1	0.9	6.0	2.57E-02	47.32%
1605	10493910	<i>Gm4858</i>	0.3	1.2	3.8	2.57E-02	47.32%
1606	10365572	<i>Tyms-ps</i>	0.2	1.1	6.0	2.57E-02	47.33%
1607	10423134	<i>Zfr</i>	-0.2	0.9	9.9	2.58E-02	47.33%
1608	10529252	<i>C330019G07Rik</i>	-0.1	0.9	9.8	2.58E-02	47.33%
1609	10358545	<i>Hmcn1</i>	-0.2	0.9	6.3	2.58E-02	47.33%
1610	10338301		0.3	1.2	5.3	2.58E-02	47.33%
1611	10605815	<i>Asb12</i>	-0.2	0.9	4.5	2.58E-02	47.33%
1612	10559580	<i>Syt5</i>	-0.2	0.9	7.1	2.58E-02	47.33%
1613	10538939	<i>Eif2ak3</i>	-0.2	0.8	8.7	2.58E-02	47.33%
1614	10540599	<i>Cpne9</i>	0.2	1.2	5.8	2.58E-02	47.35%
1615	10591853	<i>Tbx20</i>	0.3	1.2	5.3	2.60E-02	47.53%
1616	10339108		-0.3	0.8	6.7	2.60E-02	47.54%
1617	10447594	<i>Dynlt1a</i>	0.2	1.1	11.9	2.61E-02	47.54%
1618	10462912	<i>Lgi1</i>	-0.3	0.8	5.1	2.61E-02	47.54%
1619	10453694	<i>4921524L21Rik</i>	0.2	1.2	4.7	2.61E-02	47.54%
1620	10403028		0.6	1.5	10.1	2.61E-02	47.54%
1621	10566268	<i>Hbb-bh1</i>	0.2	1.2	4.3	2.61E-02	47.54%
1622	10480224	<i>Trdmt1</i>	0.4	1.3	8.0	2.61E-02	47.54%
1623	10446109	<i>Safb</i>	-0.2	0.9	8.3	2.61E-02	47.54%
1624	10343916		-0.4	0.8	7.3	2.61E-02	47.54%
1625	10515613	<i>Ptprf</i>	-0.2	0.8	10.0	2.61E-02	47.54%
1626	10339266		0.3	1.2	7.8	2.61E-02	47.54%
1627	10449657	<i>Tff3</i>	-0.2	0.9	13.2	2.62E-02	47.62%
1628	10343017		-0.4	0.7	5.6	2.62E-02	47.62%
1629	10394173	<i>Asxl2</i>	-0.1	0.9	9.5	2.63E-02	47.62%
1630	10538318	<i>Tax1bp1</i>	0.2	1.1	11.3	2.63E-02	47.62%
1631	10597182	<i>Nbeal2</i>	-0.2	0.9	7.6	2.63E-02	47.62%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1632	10460018	<i>Zfp236</i>	-0.2	0.9	8.0	2.63E-02	47.65%
1633	10343700		-0.6	0.7	4.9	2.63E-02	47.65%
1634	10581910	<i>Tmem170</i>	0.2	1.2	9.6	2.64E-02	47.68%
1635	10486041	<i>Meis2</i>	-0.7	0.6	8.2	2.64E-02	47.68%
1636	10551587	<i>Rinl</i>	0.2	1.2	7.1	2.64E-02	47.77%
1637	10369288		0.2	1.2	7.5	2.65E-02	47.83%
1638	10436830	<i>Ifnar2</i>	0.4	1.3	9.7	2.65E-02	47.84%
1639	10340221		-0.3	0.8	7.7	2.66E-02	47.87%
1640	10381514	<i>Cd300lg</i>	0.2	1.1	7.6	2.66E-02	47.87%
1641	10472820	<i>Itga6</i>	-0.2	0.9	11.3	2.66E-02	47.96%
1642	10339753		-0.4	0.7	8.9	2.67E-02	48.02%
1643	10479887	<i>Sec61a2</i>	-0.2	0.9	8.4	2.67E-02	48.02%
1644	10554629	<i>Eftud1</i>	-0.2	0.8	8.8	2.67E-02	48.02%
1645	10420532	<i>Atp8a2</i>	-0.2	0.9	7.5	2.67E-02	48.02%
1646	10549569	<i>Cnot3</i>	-0.1	0.9	9.4	2.68E-02	48.02%
1647	10463361	<i>Scd4</i>	0.2	1.2	5.2	2.68E-02	48.02%
1648	10470390		0.2	1.1	6.9	2.68E-02	48.02%
1649	10405139	<i>Gm806</i>	0.2	1.1	4.3	2.68E-02	48.02%
1650	10338649		-0.5	0.7	3.2	2.68E-02	48.02%
1651	10540579	<i>Mtmr14</i>	0.2	1.2	9.3	2.68E-02	48.04%
1652	10396800	<i>Plekhh1</i>	-0.3	0.8	8.6	2.69E-02	48.06%
1653	10482863		0.2	1.1	5.1	2.69E-02	48.06%
1654	10411611	<i>Naip5</i>	-0.6	0.7	10.4	2.69E-02	48.13%
1655	10566209	<i>Olfr601</i>	0.2	1.2	5.7	2.70E-02	48.13%
1656	10400607	<i>Mdga2</i>	-0.2	0.8	4.3	2.70E-02	48.13%
1657	10457380		0.3	1.2	7.2	2.70E-02	48.13%
1658	10367393	<i>Wibg</i>	0.2	1.1	8.1	2.71E-02	48.19%
1659	10587818	<i>Plscr4</i>	-0.2	0.9	6.9	2.71E-02	48.19%
1660	10387797	<i>Bcl6b</i>	0.2	1.2	6.6	2.71E-02	48.19%
1661	10344163		-0.4	0.7	6.2	2.71E-02	48.19%
1662	10452516	<i>Ankrd12</i>	-0.4	0.8	8.6	2.71E-02	48.19%
1663	10340122		-0.4	0.7	3.0	2.72E-02	48.19%
1664	10444244	<i>Tap1</i>	0.4	1.3	10.1	2.72E-02	48.19%
1665	10339329		-0.6	0.7	5.3	2.72E-02	48.19%
1666	10598596	<i>Gm14501</i>	-0.2	0.9	5.7	2.72E-02	48.19%
1667	10408932		0.2	1.2	6.2	2.72E-02	48.19%
1668	10543466	<i>Gpr37</i>	0.3	1.2	5.7	2.72E-02	48.19%
1669	10452633	<i>Tgif1</i>	-0.3	0.8	9.0	2.72E-02	48.19%
1670	10363551	<i>Tacr2</i>	-0.2	0.8	6.6	2.72E-02	48.19%
1671	10530029	<i>Lgi2</i>	-0.2	0.9	6.2	2.72E-02	48.19%
1672	10594513		0.5	1.5	4.9	2.73E-02	48.19%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1673	10562394		0.2	1.2	5.4	2.73E-02	48.19%
1674	10359870	<i>Pbx1</i>	-0.3	0.8	8.5	2.73E-02	48.19%
1675	10547436	<i>Wnk1</i>	-0.2	0.9	10.0	2.73E-02	48.19%
1676	10400293	<i>6530401N04Rik</i>	0.2	1.1	8.8	2.74E-02	48.19%
1677	10382328	<i>Sox9</i>	-0.3	0.8	8.5	2.74E-02	48.19%
1678	10394124	<i>B3gnt11</i>	-0.2	0.9	6.9	2.74E-02	48.19%
1679	10503168	<i>Chd7</i>	-0.2	0.9	8.7	2.74E-02	48.19%
1680	10381170	<i>Hspb9</i>	0.3	1.2	6.8	2.74E-02	48.19%
1681	10532616	<i>Myo18b</i>	0.3	1.2	6.1	2.74E-02	48.19%
1682	10582890		1.6	3.1	9.5	2.75E-02	48.19%
1683	10541968	<i>Ano2</i>	0.2	1.1	6.2	2.75E-02	48.19%
1684	10432180	<i>Ccnt1</i>	-0.2	0.9	8.5	2.75E-02	48.19%
1685	10505254		1.1	2.1	4.8	2.75E-02	48.19%
1686	10493335	<i>5830417I10Rik</i>	-0.2	0.9	8.0	2.75E-02	48.19%
1687	10377245	<i>Dhrs7c</i>	0.2	1.2	6.0	2.75E-02	48.19%
1688	10566688	<i>Olf492</i>	0.2	1.1	3.8	2.75E-02	48.19%
1689	10343813		-0.4	0.8	7.0	2.76E-02	48.24%
1690	10343721		-0.3	0.8	8.5	2.76E-02	48.28%
1691	10360674	<i>Mixl1</i>	0.2	1.2	6.1	2.76E-02	48.28%
1692	10474048	<i>Syt13</i>	0.2	1.1	7.2	2.76E-02	48.28%
1693	10472398	<i>Scn2a1</i>	-0.3	0.8	5.3	2.77E-02	48.28%
1694	10343731		-0.3	0.8	8.3	2.77E-02	48.28%
1695	10583163	<i>Trpc6</i>	-0.2	0.8	6.3	2.77E-02	48.28%
1696	10341494		-0.4	0.7	6.7	2.77E-02	48.28%
1697	10437646	<i>Tekt5</i>	0.3	1.2	5.9	2.77E-02	48.28%
1698	10598763	<i>Gm5382</i>	-0.2	0.9	6.5	2.78E-02	48.28%
1699	10535389	<i>Rnf216</i>	-0.2	0.9	8.5	2.78E-02	48.28%
1700	10343096		-0.4	0.8	6.0	2.78E-02	48.28%
1701	10501489	<i>Hectd1</i>	-0.2	0.9	6.5	2.78E-02	48.28%
1702	10453373	<i>Prepl</i>	-0.2	0.9	8.9	2.78E-02	48.28%
1703	10341743		-0.4	0.8	5.1	2.78E-02	48.28%
1704	10567737		0.2	1.2	5.1	2.78E-02	48.29%
1705	10458870		0.3	1.2	9.0	2.79E-02	48.29%
1706	10557655		-0.2	0.9	10.0	2.79E-02	48.29%
1707	10589420	<i>Cdc25a</i>	-0.1	0.9	10.1	2.79E-02	48.29%
1708	10343423		-0.2	0.9	8.3	2.80E-02	48.31%
1709	10338769		-0.3	0.8	7.2	2.80E-02	48.31%
1710	10598198	<i>Mia3</i>	-0.2	0.9	8.8	2.80E-02	48.31%
1711	10599251	<i>Rhox3a</i>	0.2	1.1	4.4	2.80E-02	48.31%
1712	10428921	<i>Albg</i>	0.4	1.3	5.4	2.80E-02	48.31%
1713	10583032		0.2	1.2	5.6	2.80E-02	48.31%

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1714	10338108		-0.4	0.8	5.1	2.81E-02	48.31%
1715	10387816	<i>Rnasek</i>	0.2	1.1	9.7	2.81E-02	48.31%
1716	10589565	<i>Setd2</i>	-0.2	0.9	9.0	2.81E-02	48.31%
1717	10368495	<i>Rspo3</i>	-0.3	0.8	7.2	2.81E-02	48.31%
1718	10355152	<i>Fzd5</i>	-0.2	0.9	8.6	2.81E-02	48.31%
1719	10401160	<i>Tmem229b</i>	-0.4	0.7	7.7	2.81E-02	48.31%
1720	10587315	<i>Gsta4</i>	-0.7	0.6	10.4	2.82E-02	48.31%
1721	10454252		0.2	1.2	6.1	2.82E-02	48.31%
1722	10558740		-0.4	0.8	9.4	2.82E-02	48.31%
1723	10541636	<i>Vmn2r26</i>	-0.3	0.8	5.9	2.82E-02	48.31%
1724	10461824	<i>Olfr1491</i>	0.2	1.2	5.6	2.82E-02	48.31%
1725	10530592		-0.2	0.9	9.5	2.82E-02	48.31%
1726	10531215	<i>Ankrd17</i>	-0.1	0.9	10.1	2.82E-02	48.31%
1727	10370833	<i>Uqcr11</i>	0.3	1.2	11.0	2.82E-02	48.31%
1728	10341875		-0.2	0.9	8.2	2.83E-02	48.31%
1729	10512098	<i>Aptx</i>	0.2	1.1	7.1	2.83E-02	48.31%
1730	10344348		0.3	1.2	8.8	2.83E-02	48.31%
1731	10343173		-0.6	0.7	3.5	2.83E-02	48.31%
1732	10339470		-0.4	0.8	6.0	2.83E-02	48.31%
1733	10342960		-0.4	0.8	6.4	2.83E-02	48.31%
1734	10342821		-0.4	0.7	7.7	2.84E-02	48.36%
1735	10343115		-0.4	0.8	5.9	2.84E-02	48.37%
1736	10362314	<i>Ptprk</i>	-0.2	0.9	9.7	2.84E-02	48.39%
1737	10407995	<i>Olfr1370</i>	0.2	1.1	5.2	2.84E-02	48.40%
1738	10551282	<i>Cyp2a5</i>	0.7	1.7	6.1	2.85E-02	48.40%
1739	10339185		0.2	1.2	10.4	2.85E-02	48.40%
1740	10502845	<i>Fam73a</i>	-0.2	0.9	8.2	2.85E-02	48.42%
1741	10342891		-0.5	0.7	7.1	2.85E-02	48.42%
1742	10578324	<i>Mtus1</i>	-0.1	0.9	8.1	2.85E-02	48.42%
1743	10501879	<i>Usp53</i>	-0.3	0.8	8.7	2.86E-02	48.46%
1744	10545771	<i>Cyp26b1</i>	0.2	1.2	7.0	2.86E-02	48.46%
1745	10602501	<i>Huwe1</i>	-0.2	0.9	10.2	2.86E-02	48.46%
1746	10601888	<i>Plp1</i>	-0.2	0.9	6.7	2.87E-02	48.46%
1747	10338762		-0.5	0.7	6.3	2.87E-02	48.46%
1748	10419392	<i>1700011H14Rik</i>	-0.2	0.9	4.6	2.87E-02	48.46%
1749	10494595	<i>Notch2</i>	-0.2	0.9	7.9	2.87E-02	48.46%
1750	10392010	<i>1700081L11Rik</i>	-0.3	0.8	9.7	2.87E-02	48.46%
1751	10338291		-0.4	0.8	6.2	2.87E-02	48.46%
1752	10484640	<i>Olfr1099</i>	0.3	1.2	4.8	2.87E-02	48.46%
1753	10584095	<i>Nfrkb</i>	-0.2	0.9	8.2	2.87E-02	48.46%
1754	10570610	<i>Defb4</i>	0.3	1.2	4.5	2.88E-02	48.46%

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1755	10397264	<i>Vrtn</i>	0.3	1.2	6.0	2.88E-02	48.46%
1756	10543959	<i>Ptn</i>	-0.2	0.9	6.4	2.88E-02	48.46%
1757	10456158		0.2	1.2	5.9	2.88E-02	48.46%
1758	10560474	<i>Ppm1n</i>	0.3	1.2	6.2	2.88E-02	48.46%
1759	10339488		-0.5	0.7	8.3	2.88E-02	48.46%
1760	10608668	<i>Mup6</i>	1.5	2.7	5.1	2.89E-02	48.46%
1761	10547469		-0.2	0.9	8.3	2.89E-02	48.46%
1762	10341353		-0.3	0.8	7.3	2.89E-02	48.49%
1763	10377569	<i>Fxr2</i>	-0.1	0.9	8.3	2.90E-02	48.49%
1764	10488387	<i>Napb</i>	-0.2	0.9	6.1	2.90E-02	48.49%
1765	10583441	<i>Olfr872</i>	-0.2	0.9	3.1	2.90E-02	48.49%
1766	10361635	<i>Zbtb2</i>	-0.2	0.9	7.5	2.90E-02	48.49%
1767	10568298	<i>Stx1b</i>	0.2	1.2	6.7	2.90E-02	48.50%
1768	10534832	<i>Epo</i>	0.2	1.2	5.0	2.90E-02	48.54%
1769	10514896	<i>2210012G02Rik</i>	-0.3	0.8	7.7	2.91E-02	48.54%
1770	10344097		-0.5	0.7	4.7	2.91E-02	48.54%
1771	10366746	<i>Lrig3</i>	-0.2	0.9	9.4	2.91E-02	48.60%
1772	10404339		0.2	1.2	6.4	2.91E-02	48.60%
1773	10344379		-0.2	0.9	10.6	2.92E-02	48.61%
1774	10597619	<i>9330176C04Rik</i>	0.6	1.5	7.6	2.92E-02	48.65%
1775	10339656		-0.3	0.8	9.2	2.93E-02	48.70%
1776	10342356		-0.3	0.8	7.9	2.93E-02	48.70%
1777	10355536	<i>Tns1</i>	-0.3	0.8	9.9	2.93E-02	48.70%
1778	10591614	<i>Dock6</i>	-0.3	0.8	9.6	2.93E-02	48.70%
1779	10544823		-0.3	0.8	5.8	2.93E-02	48.70%
1780	10489055	<i>Sla2</i>	0.2	1.1	7.3	2.93E-02	48.70%
1781	10436209	<i>Cblb</i>	-0.2	0.9	8.7	2.93E-02	48.70%
1782	10599005		0.3	1.2	5.4	2.94E-02	48.71%
1783	10429772	<i>Eppk1</i>	-0.2	0.9	8.6	2.94E-02	48.71%
1784	10341582		-0.3	0.8	8.3	2.94E-02	48.73%
1785	10523746	<i>BC005561</i>	-0.2	0.8	6.9	2.95E-02	48.79%
1786	10507777	<i>9530002B09Rik</i>	0.2	1.2	4.4	2.95E-02	48.79%
1787	10408249		0.3	1.3	6.4	2.95E-02	48.79%
1788	10397633	<i>Flrt2</i>	-0.4	0.7	6.8	2.95E-02	48.79%
1789	10486172	<i>Fam82a2</i>	0.3	1.3	10.2	2.95E-02	48.79%
1790	10341072		-0.3	0.8	7.5	2.96E-02	48.79%
1791	10522712	<i>Rest</i>	-0.2	0.9	8.1	2.96E-02	48.79%
1792	10367179	<i>Timeless</i>	0.2	1.1	6.9	2.96E-02	48.79%
1793	10535413		0.2	1.2	8.1	2.96E-02	48.79%
1794	10547621	<i>Apobec1</i>	-0.3	0.8	9.5	2.96E-02	48.84%
1795	10366409	<i>Zfc3h1</i>	-0.2	0.9	9.7	2.97E-02	48.84%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1796	10343196		-0.2	0.8	7.8	2.97E-02	48.84%
1797	10343608		-0.4	0.8	7.8	2.97E-02	48.86%
1798	10434719	<i>Knng1</i>	1.7	3.2	6.2	2.97E-02	48.87%
1799	10447461	<i>Ston1</i>	-0.3	0.8	6.6	2.97E-02	48.87%
1800	10419850	<i>Cebpe</i>	0.3	1.2	6.0	2.98E-02	48.90%
1801	10341382		-0.4	0.8	6.7	2.98E-02	48.90%
1802	10542896	<i>Bicd1</i>	-0.5	0.7	6.8	2.98E-02	48.90%
1803	10338606		0.5	1.4	6.9	2.98E-02	48.90%
1804	10402795	<i>Cdca4</i>	0.1	1.1	9.2	2.99E-02	48.90%
1805	10339113		-0.6	0.7	4.6	2.99E-02	48.90%
1806	10343207		0.2	1.2	10.3	2.99E-02	48.90%
1807	10502370	<i>Gm5105</i>	0.2	1.1	5.5	2.99E-02	48.90%
1808	10341736		-0.4	0.7	6.3	2.99E-02	48.90%
1809	10345840	<i>Slc9a4</i>	0.2	1.1	6.1	2.99E-02	48.90%
1810	10342270		-0.4	0.7	6.2	2.99E-02	48.90%
1811	10531495		0.4	1.3	5.9	3.00E-02	48.91%
1812	10476945	<i>Cst7</i>	0.3	1.3	7.4	3.00E-02	48.91%
1813	10576034	<i>Irf8</i>	0.3	1.3	10.7	3.00E-02	48.91%
1814	10412657		0.6	1.6	5.3	3.00E-02	48.91%
1815	10470705	<i>Rapgef1</i>	-0.2	0.9	8.1	3.00E-02	48.91%
1816	10342682		-0.6	0.6	5.1	3.00E-02	48.91%
1817	10544629	<i>Tra2a</i>	-0.3	0.8	9.7	3.01E-02	48.91%
1818	10402399	<i>Serpina1a</i>	1.8	3.6	6.2	3.01E-02	48.91%
1819	10338487		-0.4	0.8	8.2	3.01E-02	48.91%
1820	10364535	<i>Elane</i>	0.2	1.2	6.1	3.01E-02	48.91%
1821	10550163	<i>Sult2a1</i>	0.3	1.2	3.3	3.02E-02	48.91%
1822	10462702	<i>Hectd2</i>	-0.2	0.9	5.8	3.02E-02	48.91%
1823	10351899	<i>Olf421</i>	0.2	1.2	4.3	3.02E-02	48.91%
1824	10476939	<i>Zfp937</i>	-0.5	0.7	9.1	3.02E-02	48.91%
1825	10340111		-0.7	0.6	4.9	3.02E-02	48.91%
1826	10443589	<i>Zfand3</i>	-0.1	0.9	9.6	3.02E-02	48.91%
1827	10482144	<i>Rc3h2</i>	-0.1	0.9	9.8	3.03E-02	48.91%
1828	10607560		0.3	1.2	5.5	3.03E-02	48.91%
1829	10399751	<i>Colec11</i>	0.2	1.1	7.0	3.03E-02	48.91%
1830	10344418		0.7	1.6	4.6	3.03E-02	48.91%
1831	10508645	<i>Snord85</i>	-0.4	0.8	7.8	3.03E-02	48.91%
1832	10582888		1.9	3.7	10.7	3.03E-02	48.91%
1833	10473180	<i>Ppp1r1c</i>	-0.2	0.9	5.5	3.03E-02	48.91%
1834	10344406		-0.5	0.7	5.2	3.03E-02	48.92%
1835	10340022		0.3	1.2	7.9	3.04E-02	48.93%
1836	10342831		-0.5	0.7	5.6	3.04E-02	48.93%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1837	10340688		-0.3	0.8	7.2	3.04E-02	48.93%
1838	10469581	<i>Etl4</i>	-0.3	0.8	8.9	3.04E-02	48.93%
1839	10571065	<i>Kcnu1</i>	-0.2	0.8	5.3	3.05E-02	48.94%
1840	10457929	<i>Rit2</i>	-0.3	0.8	6.0	3.05E-02	48.94%
1841	10338796		-0.3	0.8	7.5	3.05E-02	48.94%
1842	10463911	<i>Add3</i>	-0.3	0.8	10.2	3.05E-02	49.01%
1843	10514374	<i>Gm7388</i>	0.3	1.2	4.7	3.06E-02	49.01%
1844	10340427		-0.2	0.8	9.3	3.06E-02	49.01%
1845	10418096	<i>Dlg5</i>	-0.2	0.9	8.0	3.06E-02	49.01%
1846	10521705	<i>Clrn2</i>	0.2	1.2	6.1	3.06E-02	49.01%
1847	10407122		-0.5	0.7	6.9	3.07E-02	49.01%
1848	10339099		-0.3	0.8	7.0	3.07E-02	49.01%
1849	10597945	<i>Tmem158</i>	0.1	1.1	7.1	3.07E-02	49.01%
1850	10388684	<i>Taok1</i>	-0.2	0.9	9.6	3.07E-02	49.01%
1851	10582719	<i>Sipa1l2</i>	-0.2	0.9	7.5	3.07E-02	49.01%
1852	10421970		-0.3	0.8	8.0	3.07E-02	49.01%
1853	10507692	<i>Edn2</i>	-0.5	0.7	7.4	3.07E-02	49.01%
1854	10341655		-0.6	0.7	6.5	3.07E-02	49.01%
1855	10341946		-0.5	0.7	6.5	3.08E-02	49.09%
1856	10548857	<i>Hist4h4</i>	0.2	1.2	9.0	3.08E-02	49.09%
1857	10522285	<i>C330024D21Rik</i>	0.2	1.2	5.1	3.09E-02	49.11%
1858	10524965	<i>Fbxw8</i>	0.2	1.2	6.6	3.09E-02	49.11%
1859	10369835	<i>Phyhipl</i>	0.2	1.2	5.2	3.09E-02	49.11%
1860	10352166	<i>Cnst</i>	-0.2	0.9	8.3	3.09E-02	49.11%
1861	10594879	<i>Tcf12</i>	-0.1	0.9	9.9	3.09E-02	49.11%
1862	10534966	<i>Zfp113</i>	-0.2	0.9	7.9	3.09E-02	49.11%
1863	10596377		0.2	1.1	8.9	3.09E-02	49.11%
1864	10442834	<i>Rpusd1</i>	0.1	1.1	7.2	3.10E-02	49.20%
1865	10440465		0.2	1.1	7.1	3.10E-02	49.20%
1866	10485357		1.2	2.3	12.9	3.11E-02	49.21%
1867	10460517	<i>Brms1</i>	0.2	1.1	8.0	3.11E-02	49.21%
1868	10341159		-0.3	0.8	7.4	3.11E-02	49.25%
1869	10439442	<i>Pla1a</i>	0.2	1.1	6.6	3.12E-02	49.29%
1870	10340781		0.4	1.3	5.3	3.12E-02	49.29%
1871	10543448	<i>Wasl</i>	-0.3	0.8	10.2	3.12E-02	49.29%
1872	10499108	<i>Glt28d2</i>	-0.3	0.8	7.8	3.13E-02	49.29%
1873	10371025	<i>Gng7</i>	0.2	1.2	6.7	3.13E-02	49.29%
1874	10402378		0.2	1.2	5.0	3.13E-02	49.29%
1875	10451953	<i>Lrg1</i>	0.4	1.3	6.4	3.13E-02	49.29%
1876	10450923	<i>Pgk2</i>	0.2	1.1	5.1	3.13E-02	49.29%
1877	10343736		-0.5	0.7	4.8	3.13E-02	49.29%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1878	10446376	<i>Man2a1</i>	-0.1	0.9	10.3	3.13E-02	49.29%
1879	10424287		-0.4	0.7	8.0	3.13E-02	49.30%
1880	10382243	<i>Gna13</i>	-0.1	0.9	11.1	3.14E-02	49.33%
1881	10519516	<i>Slc25a40</i>	-0.2	0.9	7.6	3.14E-02	49.33%
1882	10342397		-0.1	0.9	10.6	3.15E-02	49.33%
1883	10343044		-0.6	0.7	5.1	3.15E-02	49.33%
1884	10343639		-0.3	0.8	7.2	3.15E-02	49.33%
1885	10344608		-0.4	0.7	7.9	3.15E-02	49.33%
1886	10343186		-0.9	0.5	3.8	3.15E-02	49.33%
1887	10590640	<i>4930433N12Rik</i>	-0.2	0.9	3.4	3.16E-02	49.33%
1888	10591658	<i>2310047B19Rik</i>	0.2	1.1	6.6	3.16E-02	49.33%
1889	10381408	<i>Ifi35</i>	0.3	1.2	9.8	3.16E-02	49.33%
1890	10360957	<i>Kctd3</i>	-0.2	0.9	8.2	3.16E-02	49.33%
1891	10424335	<i>Rnfl39</i>	0.2	1.1	8.9	3.16E-02	49.33%
1892	10539640	<i>Alms1</i>	-0.2	0.9	5.8	3.16E-02	49.33%
1893	10348858	<i>Bok</i>	0.2	1.1	7.5	3.16E-02	49.33%
1894	10593177	<i>4931429L15Rik</i>	0.2	1.1	6.0	3.17E-02	49.33%
1895	10341421		0.3	1.3	8.4	3.17E-02	49.33%
1896	10405833		0.3	1.2	6.0	3.17E-02	49.33%
1897	10340703		-0.5	0.7	4.0	3.17E-02	49.33%
1898	10415011		0.2	1.2	7.4	3.17E-02	49.33%
1899	10342093		-0.4	0.8	6.0	3.17E-02	49.33%
1900	10341094		-0.6	0.7	6.2	3.17E-02	49.33%
1901	10504916		0.2	1.2	7.3	3.17E-02	49.33%
1902	10367770		-0.2	0.8	6.2	3.17E-02	49.33%
1903	10566543	<i>Dchs1</i>	-0.2	0.9	6.9	3.18E-02	49.36%
1904	10456579	<i>Mex3c</i>	-0.1	0.9	10.4	3.18E-02	49.40%
1905	10513945	<i>2310002L09Rik</i>	0.2	1.2	5.4	3.18E-02	49.40%
1906	10556734	<i>Acsml</i>	0.3	1.2	5.6	3.19E-02	49.43%
1907	10511894		-0.1	0.9	2.8	3.19E-02	49.48%
1908	10342448		-0.3	0.8	7.2	3.19E-02	49.48%
1909	10383684	<i>Limk2</i>	-0.2	0.9	8.3	3.20E-02	49.53%
1910	10416006		0.2	1.1	5.8	3.21E-02	49.62%
1911	10518228	<i>Vps13d</i>	-0.2	0.9	9.7	3.21E-02	49.62%
1912	10552557	<i>Klk1b8</i>	0.3	1.2	3.9	3.21E-02	49.63%
1913	10339614		-0.7	0.6	6.2	3.21E-02	49.64%
1914	10517948	<i>Spen</i>	-0.2	0.9	9.1	3.22E-02	49.64%
1915	10339823		-0.2	0.9	10.0	3.22E-02	49.64%
1916	10527832	<i>Pds5b</i>	-0.2	0.9	8.9	3.22E-02	49.64%
1917	10432767	<i>Gm5478</i>	0.2	1.2	6.2	3.22E-02	49.65%
1918	10373912	<i>Osm</i>	0.2	1.2	5.4	3.22E-02	49.65%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1919	10439208	<i>Sec22a</i>	0.2	1.2	8.4	3.22E-02	49.65%
1920	10342387		-0.4	0.8	4.3	3.22E-02	49.65%
1921	10411782	<i>Pik3r1</i>	-0.2	0.9	10.4	3.23E-02	49.72%
1922	10563050	<i>Prr12</i>	-0.2	0.9	7.2	3.23E-02	49.72%
1923	10450640	<i>Mrps18b</i>	0.2	1.2	9.6	3.24E-02	49.72%
1924	10340930		-0.5	0.7	2.7	3.24E-02	49.72%
1925	10427622		0.2	1.1	5.7	3.24E-02	49.72%
1926	10552758	<i>Mir707</i>	0.2	1.2	7.1	3.24E-02	49.72%
1927	10369929		0.2	1.1	6.5	3.25E-02	49.72%
1928	10467134		0.2	1.1	6.1	3.25E-02	49.72%
1929	10341139		-0.3	0.8	7.0	3.25E-02	49.72%
1930	10429329	<i>Eif2c2</i>	-0.1	0.9	9.8	3.25E-02	49.72%
1931	10438517	<i>Alg3</i>	0.2	1.2	9.8	3.25E-02	49.72%
1932	10340794		-0.4	0.8	7.1	3.25E-02	49.72%
1933	10418053	<i>Kcnma1</i>	-0.3	0.8	7.2	3.26E-02	49.72%
1934	10341902		-0.5	0.7	6.8	3.26E-02	49.72%
1935	10340657		-0.6	0.7	4.1	3.26E-02	49.72%
1936	10598075		1.3	2.4	9.3	3.27E-02	49.72%
1937	10429898	<i>Tssk5</i>	0.2	1.2	6.2	3.27E-02	49.72%
1938	10356498	<i>Iqca</i>	0.2	1.2	5.5	3.28E-02	49.72%
1939	10341042		-0.4	0.8	7.7	3.28E-02	49.72%
1940	10567464		0.2	1.2	5.9	3.29E-02	49.72%
1941	10404870		-0.4	0.8	7.4	3.29E-02	49.72%
1942	10508647		-0.3	0.8	7.1	3.29E-02	49.72%
1943	10508649		-0.3	0.8	7.1	3.29E-02	49.72%
1944	10494643	<i>Hmgcs2</i>	0.8	1.7	8.1	3.29E-02	49.72%
1945	10344355		0.3	1.2	7.0	3.30E-02	49.72%
1946	10361129		0.3	1.2	6.8	3.30E-02	49.72%
1947	10343780		0.4	1.3	7.1	3.30E-02	49.72%
1948	10346695	<i>Nbeal1</i>	-0.3	0.8	9.5	3.30E-02	49.72%
1949	10458046	<i>D0H4S114</i>	-0.4	0.8	8.1	3.30E-02	49.72%
1950	10344338		-0.4	0.8	6.6	3.30E-02	49.72%
1951	10375341		-0.1	0.9	3.3	3.31E-02	49.72%
1952	10339417		-0.4	0.8	7.3	3.31E-02	49.72%
1953	10342563		-0.3	0.8	7.1	3.32E-02	49.72%
1954	10412258		-0.2	0.8	8.0	3.32E-02	49.72%
1955	10473221		0.2	1.2	6.3	3.32E-02	49.72%
1956	10475514		-0.2	0.9	7.2	3.32E-02	49.72%
1957	10556581		-0.2	0.9	7.5	3.32E-02	49.72%
1958	10551803	<i>Zfp568</i>	-0.2	0.9	7.3	3.32E-02	49.72%
1959	10450914	<i>Olfir137</i>	0.3	1.3	5.4	3.32E-02	49.72%

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1960	10341230		-0.4	0.8	7.6	3.32E-02	49.72%
1961	10389797	<i>Stxbp4</i>	-0.2	0.9	6.6	3.33E-02	49.72%
1962	10553092	<i>Dbp</i>	-0.5	0.7	8.9	3.33E-02	49.72%
1963	10340422		-0.6	0.6	7.4	3.33E-02	49.72%
1964	10581378	<i>Psmb10</i>	0.3	1.2	10.9	3.33E-02	49.72%
1965	10341468		-0.4	0.7	5.8	3.33E-02	49.72%
1966	10486203	<i>Ino80</i>	-0.2	0.9	9.1	3.34E-02	49.72%
1967	10426298		0.3	1.2	6.1	3.34E-02	49.72%
1968	10461093	<i>Pla2g16</i>	0.4	1.3	8.5	3.34E-02	49.72%
1969	10450784	<i>H2-M9</i>	0.2	1.1	6.7	3.35E-02	49.72%
1970	10527043	<i>Amz1</i>	0.2	1.2	7.7	3.35E-02	49.72%
1971	10341873		-0.2	0.9	10.4	3.35E-02	49.72%
1972	10452571	<i>Ptprm</i>	-0.2	0.9	7.7	3.35E-02	49.72%
1973	10396485	<i>Syne2</i>	-0.2	0.9	8.1	3.35E-02	49.72%
1974	10438103	<i>Ccdc116</i>	-0.3	0.8	7.7	3.35E-02	49.72%
1975	10592162		0.3	1.2	6.3	3.35E-02	49.72%
1976	10460468	<i>Ctsf</i>	0.2	1.1	6.7	3.35E-02	49.72%
1977	10443244	<i>Anks1</i>	-0.1	0.9	8.2	3.35E-02	49.72%
1978	10568367		0.1	1.1	4.6	3.35E-02	49.72%
1979	10407051		0.2	1.2	7.1	3.35E-02	49.72%
1980	10348299		-0.2	0.9	6.4	3.36E-02	49.72%
1981	10400559		-0.3	0.8	6.2	3.36E-02	49.72%
1982	10543120	<i>Ical</i>	-0.4	0.8	7.8	3.36E-02	49.72%
1983	10572046		-0.4	0.8	3.1	3.36E-02	49.72%
1984	10342363		-0.3	0.8	6.6	3.36E-02	49.72%
1985	10511446	<i>Asph</i>	-0.2	0.8	8.1	3.36E-02	49.72%
1986	10414202	<i>Sftpal</i>	0.2	1.2	6.8	3.36E-02	49.72%
1987	10338466		-0.2	0.8	10.2	3.36E-02	49.72%
1988	10548875	<i>Art4</i>	0.2	1.2	6.1	3.36E-02	49.72%
1989	10402406	<i>Serpina1c</i>	2.0	4.1	5.7	3.36E-02	49.72%
1990	10555425	<i>Fam168a</i>	-0.2	0.9	8.0	3.36E-02	49.72%
1991	10341984		0.3	1.2	8.7	3.37E-02	49.72%
1992	10504072	<i>Dnaic1</i>	0.1	1.1	6.0	3.37E-02	49.72%
1993	10453717		0.2	1.2	6.1	3.37E-02	49.72%
1994	10599118		0.3	1.2	4.6	3.37E-02	49.72%
1995	10339180		-0.3	0.8	8.2	3.37E-02	49.72%
1996	10403291	<i>Akr1c14</i>	-1.3	0.4	9.0	3.38E-02	49.72%
1997	10567086	<i>Cyp2r1</i>	-0.3	0.8	5.6	3.38E-02	49.72%
1998	10338513		-0.2	0.8	7.0	3.38E-02	49.72%
1999	10500796		-0.4	0.8	7.8	3.38E-02	49.72%
2000	10338305		-0.3	0.8	6.5	3.38E-02	49.72%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
2001	10536209	<i>Gngt1</i>	0.2	1.1	4.7	3.38E-02	49.72%
2002	10356514	<i>Iqca</i>	0.2	1.2	5.1	3.38E-02	49.72%
2003	10554375	<i>Sema4b</i>	-0.2	0.9	9.6	3.38E-02	49.72%
2004	10450519	<i>Tcf19</i>	0.2	1.2	8.4	3.38E-02	49.72%
2005	10523145	<i>Cxcl15</i>	0.4	1.4	4.8	3.38E-02	49.72%
2006	10341933		0.3	1.2	9.3	3.39E-02	49.72%
2007	10582882		1.3	2.4	11.0	3.39E-02	49.72%
2008	10595836	<i>E030011O05Rik</i>	-0.2	0.9	7.0	3.39E-02	49.72%
2009	10462214		0.2	1.1	7.3	3.39E-02	49.72%
2010	10344929	<i>Msc</i>	0.2	1.2	5.2	3.39E-02	49.72%
2011	10444268	<i>Tap2</i>	0.4	1.3	9.6	3.39E-02	49.72%
2012	10399376		0.2	1.2	6.2	3.40E-02	49.72%
2013	10344199		-0.4	0.8	3.5	3.40E-02	49.72%
2014	10340627		-0.5	0.7	5.8	3.40E-02	49.72%
2015	10339911		-0.3	0.8	7.5	3.40E-02	49.72%
2016	10344490		0.4	1.3	8.2	3.40E-02	49.72%
2017	10338342		-0.4	0.8	3.1	3.40E-02	49.72%
2018	10445147	<i>Olfrl119</i>	-0.2	0.9	4.4	3.40E-02	49.72%
2019	10343457		-0.4	0.8	7.2	3.40E-02	49.72%
2020	10342833		-0.5	0.7	6.8	3.41E-02	49.72%
2021	10564573	<i>Chd2</i>	-0.2	0.8	8.9	3.41E-02	49.72%
2022	10380275		0.3	1.2	6.2	3.41E-02	49.72%
2023	10372497	<i>Thap2</i>	-0.3	0.8	8.2	3.41E-02	49.72%
2024	10356269	<i>Sp140</i>	0.3	1.2	8.6	3.41E-02	49.72%
2025	10434668	<i>Tmem97</i>	0.2	1.1	10.9	3.41E-02	49.72%
2026	10361892		0.2	1.2	6.8	3.41E-02	49.72%
2027	10339162		-0.3	0.8	6.9	3.41E-02	49.72%
2028	10338716		-0.4	0.7	6.2	3.42E-02	49.72%
2029	10607225	<i>Lrch2</i>	-0.3	0.8	5.4	3.42E-02	49.72%
2030	10497648	<i>Phc3</i>	-0.2	0.9	8.7	3.42E-02	49.72%
2031	10419744	<i>Oxal1</i>	0.2	1.2	11.6	3.42E-02	49.72%
2032	10424860	<i>Heatr7a</i>	-0.2	0.9	8.2	3.42E-02	49.72%
2033	10429400		-0.2	0.8	5.0	3.42E-02	49.72%
2034	10461775		0.2	1.1	7.5	3.42E-02	49.72%
2035	10341209		-0.3	0.8	8.6	3.42E-02	49.72%
2036	10526832		0.4	1.3	7.1	3.42E-02	49.72%
2037	10345028	<i>Mir206</i>	-0.1	0.9	2.8	3.43E-02	49.76%
2038	10438672	<i>Tbccd1</i>	-0.2	0.9	8.7	3.43E-02	49.76%
2039	10498515	<i>Vmn2r-ps11</i>	0.3	1.2	3.6	3.43E-02	49.76%
2040	10497337	<i>Car1</i>	0.2	1.2	6.0	3.43E-02	49.76%
2041	10543253	<i>Wnt2</i>	0.2	1.2	6.1	3.44E-02	49.77%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2042	10422493	<i>Gpr18</i>	0.3	1.2	7.5	3.44E-02	49.77%
2043	10580905	<i>Cnot1</i>	-0.1	0.9	11.0	3.44E-02	49.82%
2044	10357590	<i>Dyrk3</i>	0.2	1.1	6.7	3.45E-02	49.89%
2045	10448748	<i>Nubp2</i>	0.2	1.1	9.7	3.45E-02	49.89%
2046	10552966	<i>Tulp2</i>	0.2	1.1	6.0	3.45E-02	49.89%
2047	10375704	<i>3010026O09Rik</i>	0.1	1.1	7.5	3.46E-02	49.89%
2048	10356512	<i>Iqca</i>	0.2	1.2	5.7	3.46E-02	49.89%
2049	10573234	<i>Lphn1</i>	-0.2	0.9	7.7	3.46E-02	49.89%
2050	10597279	<i>Ccrl2</i>	0.4	1.3	6.9	3.46E-02	49.95%
2051	10575706	<i>Wwox</i>	-0.1	0.9	7.5	3.47E-02	50.00%
2052	10565852	<i>Rnf169</i>	-0.1	0.9	8.4	3.47E-02	50.00%
2053	10572357	<i>Cope</i>	0.2	1.1	10.6	3.47E-02	50.00%
2054	10502284	<i>Tet2</i>	-0.2	0.9	8.5	3.47E-02	50.00%
2055	10344072		-0.2	0.9	9.9	3.48E-02	50.01%
2056	10344614		0.2	1.1	6.5	3.48E-02	50.03%
2057	10465673	<i>AI846148</i>	-0.2	0.9	6.8	3.49E-02	50.13%
2058	10574350	<i>Mmp15</i>	-0.2	0.9	7.8	3.49E-02	50.13%
2059	10430866	<i>Cyp2d10</i>	0.4	1.3	5.9	3.49E-02	50.13%
2060	10564791	<i>Kif7</i>	0.3	1.2	7.0	3.49E-02	50.13%
2061	10338261		-0.6	0.7	5.1	3.49E-02	50.13%
2062	10340054		0.3	1.3	7.5	3.50E-02	50.14%
2063	10437080	<i>Ttc3</i>	-0.2	0.9	8.4	3.51E-02	50.23%
2064	10547322	<i>Cacna1c</i>	-0.2	0.9	6.9	3.51E-02	50.23%
2065	10451004	<i>Cd2ap</i>	-0.2	0.9	11.6	3.51E-02	50.23%
2066	10341887		-0.5	0.7	5.5	3.51E-02	50.23%
2067	10489591	<i>Zfp335</i>	-0.2	0.9	8.2	3.51E-02	50.23%
2068	10340135		-0.4	0.7	6.4	3.51E-02	50.23%
2069	10468762	<i>4930506M07Rik</i>	-0.2	0.9	8.6	3.52E-02	50.23%
2070	10379987		-0.3	0.8	7.4	3.52E-02	50.23%
2071	10553859		-0.3	0.8	7.4	3.52E-02	50.23%
2072	10364571	<i>Wdr18</i>	0.2	1.1	8.4	3.52E-02	50.23%
2073	10339303		-0.5	0.7	6.1	3.52E-02	50.23%
2074	10466865	<i>Rfx3</i>	-0.2	0.9	7.0	3.53E-02	50.27%
2075	10393749	<i>2810410L24Rik</i>	0.2	1.2	7.4	3.53E-02	50.27%
2076	10539727	<i>C87436</i>	-0.2	0.9	8.0	3.53E-02	50.30%
2077	10521068	<i>4933407H18Rik</i>	-0.2	0.9	7.0	3.54E-02	50.33%
2078	10371067	<i>Pias4</i>	0.1	1.1	8.4	3.54E-02	50.36%
2079	10450694	<i>H2-T22</i>	0.2	1.2	8.2	3.54E-02	50.36%
2080	10428998	<i>Asap1</i>	-0.4	0.8	8.6	3.54E-02	50.36%
2081	10430739	<i>Dnajb7</i>	-0.3	0.8	5.2	3.55E-02	50.37%
2082	10375980	<i>Aff4</i>	-0.1	0.9	10.9	3.55E-02	50.37%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2083	10582708	<i>Exoc8</i>	-0.1	0.9	8.0	3.55E-02	50.37%
2084	10594607		-0.1	0.9	2.4	3.56E-02	50.37%
2085	10425138	<i>Sh3bp1</i>	0.2	1.1	7.9	3.56E-02	50.37%
2086	10351414	<i>Aldh9a1</i>	0.1	1.1	12.1	3.56E-02	50.37%
2087	10342063		-0.5	0.7	6.6	3.56E-02	50.37%
2088	10555233		0.5	1.4	8.2	3.56E-02	50.37%
2089	10341428		-0.3	0.8	5.4	3.56E-02	50.37%
2090	10344117		-0.3	0.8	9.1	3.56E-02	50.37%
2091	10515295	<i>Mast2</i>	-0.2	0.9	9.9	3.56E-02	50.37%
2092	10603894		0.2	1.2	3.5	3.57E-02	50.37%
2093	10566186	<i>Olfir571</i>	0.3	1.2	6.4	3.57E-02	50.37%
2094	10339868		-0.5	0.7	6.0	3.57E-02	50.38%
2095	10529385	<i>Zfyve28</i>	0.2	1.1	6.5	3.57E-02	50.38%
2096	10526654		-0.3	0.8	7.8	3.57E-02	50.40%
2097	10434806	<i>Lpp</i>	-0.2	0.9	11.5	3.57E-02	50.40%
2098	10404649	<i>Dsp</i>	-0.3	0.8	11.0	3.58E-02	50.48%
2099	10576774	<i>Clec4g</i>	0.2	1.2	5.9	3.58E-02	50.48%
2100	10533504	<i>Ift81</i>	-0.2	0.8	6.2	3.59E-02	50.48%
2101	10398360	<i>Rian</i>	0.2	1.2	5.5	3.59E-02	50.48%
2102	10420241	<i>Mcpt9</i>	0.4	1.4	6.2	3.59E-02	50.50%
2103	10378286	<i>Itgae</i>	0.4	1.3	8.3	3.59E-02	50.51%
2104	10338704		-0.3	0.8	7.4	3.59E-02	50.51%
2105	10368101	<i>D10Bwg1379e</i>	-0.3	0.8	8.0	3.60E-02	50.52%
2106	10379944	<i>Tbx4</i>	0.2	1.2	6.1	3.60E-02	50.57%
2107	10433929	<i>Ppm1f</i>	-0.2	0.9	7.0	3.60E-02	50.57%
2108	10442075	<i>Vmn2r90</i>	0.2	1.2	4.7	3.61E-02	50.58%
2109	10440926	<i>Dnajc28</i>	-0.2	0.8	6.6	3.61E-02	50.58%
2110	10559276	<i>Kcnq1</i>	-0.2	0.8	9.0	3.61E-02	50.58%
2111	10351455	<i>Rgs5</i>	-0.3	0.8	10.1	3.61E-02	50.58%
2112	10351546	<i>Apoa2</i>	1.5	2.9	7.6	3.62E-02	50.58%
2113	10338136		0.2	1.2	7.7	3.62E-02	50.58%
2114	10473690	<i>Fnbp4</i>	-0.2	0.9	9.0	3.62E-02	50.58%
2115	10601324	<i>Zcchc13</i>	0.2	1.2	5.9	3.62E-02	50.59%
2116	10421922		-0.3	0.8	10.7	3.62E-02	50.59%
2117	10341380		-0.5	0.7	7.5	3.62E-02	50.59%
2118	10591192	<i>Olfir847</i>	0.3	1.2	3.7	3.63E-02	50.60%
2119	10517488	<i>Ephb2</i>	-0.2	0.9	8.2	3.63E-02	50.61%
2120	10343892		-0.3	0.8	6.0	3.63E-02	50.61%
2121	10365870	<i>Nr2c1</i>	-0.2	0.9	8.1	3.63E-02	50.65%
2122	10345824	<i>Ill18rap</i>	0.2	1.1	6.2	3.64E-02	50.65%
2123	10422028	<i>Tbc1d4</i>	-0.2	0.9	7.3	3.64E-02	50.66%

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2124	10428796	<i>Fbxo32</i>	-0.5	0.7	7.9	3.64E-02	50.66%
2125	10495987	<i>Gm5712</i>	0.3	1.2	5.2	3.64E-02	50.66%
2126	10426637	<i>Wnt1</i>	0.2	1.1	5.5	3.64E-02	50.66%
2127	10562651	<i>C330019L16Rik</i>	-0.3	0.8	6.4	3.64E-02	50.66%
2128	10407337	<i>Hcn1</i>	-0.4	0.8	6.3	3.65E-02	50.68%
2129	10589907		-0.2	0.9	7.2	3.66E-02	50.76%
2130	10385699	<i>Rmnd5b</i>	0.2	1.1	8.7	3.66E-02	50.78%
2131	10340416		-0.5	0.7	5.5	3.66E-02	50.78%
2132	10546661	<i>Foxp1</i>	-0.2	0.8	9.1	3.66E-02	50.78%
2133	10554475	<i>Zfp592</i>	-0.2	0.9	8.9	3.67E-02	50.78%
2134	10386370	<i>Arf1</i>	0.1	1.1	12.6	3.67E-02	50.78%
2135	10386359	<i>Guk1</i>	0.3	1.2	9.5	3.67E-02	50.78%
2136	10567316	<i>Tmc7</i>	-0.5	0.7	8.2	3.67E-02	50.78%
2137	10349480	<i>R3hdm1</i>	-0.2	0.9	9.2	3.67E-02	50.78%
2138	10339663		0.5	1.4	5.3	3.68E-02	50.78%
2139	10340741		-0.3	0.8	7.1	3.68E-02	50.78%
2140	10412729	<i>Sntn</i>	0.2	1.1	4.0	3.68E-02	50.78%
2141	10582899		1.4	2.6	9.8	3.68E-02	50.78%
2142	10341032		-0.4	0.8	7.3	3.68E-02	50.78%
2143	10420308	<i>Gzmb</i>	0.8	1.8	9.9	3.68E-02	50.78%
2144	10338509		-0.3	0.8	9.5	3.69E-02	50.85%
2145	10581772	<i>Glg1</i>	-0.2	0.9	9.8	3.69E-02	50.85%
2146	10343294		-0.2	0.9	10.4	3.69E-02	50.86%
2147	10342104		-0.3	0.8	8.1	3.69E-02	50.87%
2148	10458016	<i>Proc</i>	0.3	1.2	6.3	3.70E-02	50.89%
2149	10339997		-0.4	0.8	7.3	3.70E-02	50.94%
2150	10338473		-0.4	0.8	5.4	3.71E-02	51.02%
2151	10343762		-0.3	0.8	7.0	3.71E-02	51.04%
2152	10415438	<i>Mcpt2</i>	0.7	1.6	7.7	3.72E-02	51.04%
2153	10342341		0.3	1.3	6.6	3.72E-02	51.04%
2154	10384229		0.3	1.2	5.9	3.72E-02	51.04%
2155	10339546		0.4	1.3	6.8	3.72E-02	51.04%
2156	10488322	<i>Ralgapa2</i>	-0.2	0.9	9.4	3.72E-02	51.04%
2157	10341318		-0.3	0.8	8.3	3.72E-02	51.04%
2158	10395702	<i>Akap6</i>	-0.2	0.9	6.0	3.73E-02	51.04%
2159	10554599		-0.2	0.8	5.7	3.73E-02	51.06%
2160	10342680		-0.4	0.7	7.3	3.74E-02	51.11%
2161	10484797		0.3	1.3	4.2	3.74E-02	51.11%
2162	10502165	<i>Sec24b</i>	-0.1	0.9	9.3	3.74E-02	51.11%
2163	10562105	<i>Gapdhs</i>	0.2	1.1	5.7	3.74E-02	51.11%
2164	10340400		-0.7	0.6	6.1	3.75E-02	51.13%

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2165	10519420	<i>Akap9</i>	-0.3	0.8	9.5	3.75E-02	51.13%
2166	10436892	<i>Itsn1</i>	-0.1	0.9	7.6	3.75E-02	51.13%
2167	10578952	<i>BC030870</i>	-0.3	0.8	10.8	3.75E-02	51.13%
2168	10373709	<i>Eif4enif1</i>	-0.1	0.9	8.4	3.75E-02	51.13%
2169	10344236		-0.5	0.7	6.9	3.75E-02	51.13%
2170	10545394	<i>Rnf181</i>	0.2	1.1	11.2	3.76E-02	51.13%
2171	10485117	<i>Creb3l1</i>	-0.4	0.8	8.2	3.76E-02	51.13%
2172	10565567	<i>4632427E13Rik</i>	-0.2	0.9	10.3	3.76E-02	51.13%
2173	10606102	<i>Phka1</i>	-0.2	0.9	7.3	3.76E-02	51.15%
2174	10468909	<i>Displ</i>	0.1	1.1	7.1	3.76E-02	51.15%
2175	10343548		-0.2	0.8	2.5	3.77E-02	51.15%
2176	10340004		0.3	1.2	7.6	3.77E-02	51.15%
2177	10390798	<i>Krt25</i>	0.2	1.2	5.5	3.77E-02	51.15%
2178	10408395	<i>Prl8a9</i>	0.3	1.2	4.3	3.77E-02	51.15%
2179	10571829	<i>Glra3</i>	0.2	1.1	3.8	3.77E-02	51.15%
2180	10545682	<i>Tet3</i>	-0.2	0.8	8.4	3.77E-02	51.15%
2181	10403464	<i>Dip2c</i>	-0.3	0.8	5.5	3.78E-02	51.15%
2182	10420516	<i>Cdadcl1</i>	-0.2	0.9	8.3	3.78E-02	51.15%
2183	10582330	<i>Rnf166</i>	0.1	1.1	8.2	3.78E-02	51.15%
2184	10338340		-0.3	0.8	6.3	3.78E-02	51.15%
2185	10343578		-0.5	0.7	3.0	3.78E-02	51.15%
2186	10372324	<i>Syt1</i>	-0.2	0.9	7.1	3.79E-02	51.18%
2187	10509063	<i>Il22ral</i>	-0.2	0.8	11.2	3.79E-02	51.18%
2188	10403466	<i>Dip2c</i>	-0.3	0.8	7.3	3.79E-02	51.18%
2189	10341040		0.4	1.3	6.1	3.79E-02	51.18%
2190	10473160	<i>Ssfa2</i>	-0.2	0.9	10.3	3.79E-02	51.18%
2191	10567645	<i>Ears2</i>	-0.2	0.9	7.4	3.79E-02	51.18%
2192	10339027		-0.4	0.8	6.8	3.80E-02	51.18%
2193	10338506		-0.3	0.8	7.0	3.80E-02	51.18%
2194	10574308	<i>Katnb1</i>	0.2	1.1	7.7	3.80E-02	51.18%
2195	10548340	<i>4922502D21Rik</i>	0.2	1.2	5.4	3.80E-02	51.18%
2196	10445422	<i>Slc35b2</i>	0.1	1.1	7.8	3.80E-02	51.18%
2197	10385656	<i>Zfp2</i>	-0.1	0.9	5.4	3.80E-02	51.18%
2198	10342534		-0.3	0.8	9.0	3.81E-02	51.18%
2199	10343626		-0.3	0.8	6.8	3.81E-02	51.18%
2200	10343970		-0.2	0.8	9.2	3.81E-02	51.21%
2201	10576524	<i>Gm505</i>	-0.1	0.9	7.5	3.81E-02	51.21%
2202	10554723		0.2	1.2	3.8	3.81E-02	51.21%
2203	10587446	<i>Myo6</i>	-0.1	0.9	10.6	3.82E-02	51.24%
2204	10592414	<i>Olfir958</i>	0.2	1.2	5.3	3.82E-02	51.24%
2205	10460097	<i>D030046N08Rik</i>	0.2	1.2	6.0	3.82E-02	51.25%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2206	10447317	<i>Epas1</i>	-0.3	0.8	9.8	3.83E-02	51.32%
2207	10341745		-0.5	0.7	5.6	3.83E-02	51.32%
2208	10429607	<i>Top1mt</i>	-0.1	0.9	7.5	3.83E-02	51.33%
2209	10400760	<i>Mir681</i>	0.2	1.2	6.1	3.84E-02	51.33%
2210	10587604	<i>Rwdd2a</i>	0.2	1.1	5.8	3.84E-02	51.33%
2211	10519333	<i>Fam133b</i>	-0.2	0.8	7.9	3.84E-02	51.33%
2212	10350377	<i>Zbtb41</i>	-0.2	0.9	8.1	3.85E-02	51.49%
2213	10551570	<i>Sirt2</i>	0.1	1.1	9.5	3.86E-02	51.49%
2214	10455826	<i>Megf10</i>	0.3	1.2	6.1	3.86E-02	51.49%
2215	10409220	<i>Hist2h2aa1</i>	0.1	1.1	13.1	3.86E-02	51.49%
2216	10343971		-0.4	0.7	8.7	3.87E-02	51.49%
2217	10341057		-0.4	0.7	7.9	3.87E-02	51.49%
2218	10446190	<i>1700061G19Rik</i>	0.2	1.2	5.4	3.87E-02	51.49%
2219	10416777	<i>Klf5</i>	-0.2	0.9	11.7	3.88E-02	51.49%
2220	10414781		0.2	1.1	6.8	3.88E-02	51.49%
2221	10414888		0.2	1.1	6.8	3.88E-02	51.49%
2222	10342856		-0.5	0.7	8.3	3.88E-02	51.49%
2223	10430179	<i>Apol7b</i>	0.3	1.2	7.5	3.88E-02	51.49%
2224	10407209	<i>Slc38a9</i>	-0.1	0.9	6.9	3.88E-02	51.49%
2225	10450835	<i>2410137M14Rik</i>	0.2	1.1	5.6	3.88E-02	51.49%
2226	10487879	<i>Rnf24</i>	-0.5	0.7	8.2	3.89E-02	51.49%
2227	10339438		0.3	1.2	7.3	3.89E-02	51.49%
2228	10522288	<i>Shisa3</i>	0.2	1.1	6.4	3.89E-02	51.49%
2229	10566578	<i>Gm8979</i>	-0.3	0.8	11.4	3.89E-02	51.49%
2230	10343933		-0.4	0.8	8.6	3.89E-02	51.49%
2231	10368886		-0.3	0.8	9.3	3.90E-02	51.49%
2232	10344586		-0.5	0.7	4.8	3.90E-02	51.49%
2233	10534640	<i>Emid2</i>	0.2	1.2	7.5	3.90E-02	51.49%
2234	10342977		-0.5	0.7	4.9	3.90E-02	51.49%
2235	10445181	<i>Olfr138</i>	0.2	1.1	3.0	3.90E-02	51.49%
2236	10396767	<i>Fam71d</i>	-0.2	0.9	3.9	3.91E-02	51.49%
2237	10452879	<i>Nlrc4</i>	-0.2	0.9	9.3	3.91E-02	51.49%
2238	10494369	<i>Sf3b4</i>	-0.3	0.8	6.7	3.91E-02	51.49%
2239	10597978	<i>Fycol</i>	-0.2	0.9	8.4	3.91E-02	51.49%
2240	10462309	<i>C030016D13Rik</i>	-0.3	0.8	6.8	3.92E-02	51.49%
2241	10516221		-0.2	0.9	6.6	3.92E-02	51.49%
2242	10354704	<i>Sf3b1</i>	-0.1	0.9	11.0	3.92E-02	51.49%
2243	10512332		0.2	1.1	5.3	3.92E-02	51.49%
2244	10512354		0.2	1.1	5.3	3.92E-02	51.49%
2245	10342796		-0.4	0.8	7.7	3.93E-02	51.49%
2246	10342606		-0.4	0.8	6.9	3.93E-02	51.49%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2247	10416732	<i>Snora30</i>	-0.3	0.8	7.2	3.93E-02	51.49%
2248	10557703	<i>Snora30</i>	-0.3	0.8	7.2	3.93E-02	51.49%
2249	10339751		-0.3	0.8	8.2	3.93E-02	51.49%
2250	10408097	<i>Prss16</i>	0.3	1.2	7.1	3.93E-02	51.49%
2251	10355259	<i>Myl1</i>	-0.3	0.8	6.2	3.93E-02	51.49%
2252	10341033		-0.2	0.9	2.3	3.93E-02	51.49%
2253	10434664	<i>Ndufa11</i>	0.2	1.2	11.0	3.93E-02	51.49%
2254	10499652		-0.1	0.9	7.3	3.94E-02	51.49%
2255	10566723	<i>Lmo1</i>	0.2	1.1	5.1	3.94E-02	51.49%
2256	10582778	<i>Tarbp1</i>	-0.1	0.9	7.0	3.94E-02	51.49%
2257	10590445	<i>Snrk</i>	-0.3	0.8	9.9	3.94E-02	51.49%
2258	10453459	<i>Pnkd</i>	0.2	1.1	8.7	3.95E-02	51.49%
2259	10607658	<i>Reps2</i>	-0.4	0.8	8.1	3.95E-02	51.49%
2260	10341584		-0.4	0.8	3.6	3.95E-02	51.49%
2261	10409575	<i>Neurog1</i>	0.2	1.1	6.2	3.95E-02	51.49%
2262	10458340	<i>Hbegf</i>	0.5	1.4	9.3	3.95E-02	51.49%
2263	10600372		-0.2	0.9	6.4	3.96E-02	51.49%
2264	10556456	<i>Tead1</i>	-0.3	0.8	8.7	3.96E-02	51.49%
2265	10544263	<i>Prss37</i>	0.3	1.2	4.7	3.96E-02	51.49%
2266	10515028	<i>Zfyve9</i>	-0.3	0.8	8.3	3.96E-02	51.49%
2267	10396606	<i>Syne2</i>	-0.2	0.9	8.7	3.96E-02	51.49%
2268	10378870	<i>Git1</i>	-0.1	0.9	9.2	3.96E-02	51.49%
2269	10342280		-0.4	0.8	6.5	3.96E-02	51.49%
2270	10342500		-0.5	0.7	5.9	3.96E-02	51.49%
2271	10340328		-0.5	0.7	4.5	3.96E-02	51.49%
2272	10340063		-0.4	0.7	6.4	3.97E-02	51.49%
2273	10345928		0.3	1.3	5.5	3.97E-02	51.49%
2274	10362472	<i>Rsph4a</i>	0.3	1.3	4.8	3.97E-02	51.49%
2275	10340510		0.3	1.2	7.1	3.97E-02	51.49%
2276	10455312	<i>Rbm27</i>	-0.1	0.9	9.2	3.97E-02	51.49%
2277	10338987		-0.2	0.9	10.4	3.97E-02	51.49%
2278	10495869	<i>Tram111</i>	0.2	1.1	4.0	3.97E-02	51.49%
2279	10548785	<i>Dynlt1c</i>	0.2	1.1	11.9	3.97E-02	51.49%
2280	10599663	<i>4930502E18Rik</i>	0.3	1.2	5.1	3.97E-02	51.49%
2281	10437257	<i>Zfp597</i>	-0.2	0.9	7.4	3.98E-02	51.49%
2282	10481870	<i>Gapvd1</i>	-0.1	0.9	9.0	3.98E-02	51.49%
2283	10550345	<i>Strn4</i>	-0.1	0.9	8.5	3.98E-02	51.49%
2284	10534960	<i>Gjc3</i>	0.2	1.1	5.3	3.98E-02	51.49%
2285	10511496		0.3	1.2	7.4	3.98E-02	51.49%
2286	10556413	<i>Micalcl</i>	-0.3	0.8	8.0	3.98E-02	51.49%
2287	10423289		0.2	1.2	7.5	3.99E-02	51.49%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2288	10484839	<i>Olfrl249</i>	-0.2	0.8	4.5	3.99E-02	51.49%
2289	10409414	<i>Rab24</i>	0.2	1.1	8.9	3.99E-02	51.49%
2290	10498775	<i>Golim4</i>	-0.4	0.8	8.2	3.99E-02	51.49%
2291	10449854	<i>Akap8l</i>	-0.2	0.9	8.0	3.99E-02	51.49%
2292	10427603		0.4	1.3	5.7	3.99E-02	51.49%
2293	10560160	<i>Obox3</i>	0.2	1.1	4.6	3.99E-02	51.49%
2294	10573112		0.2	1.1	6.6	4.00E-02	51.49%
2295	10344399		-0.3	0.8	7.6	4.00E-02	51.49%
2296	10565900	<i>D630004N19Rik</i>	-0.2	0.9	5.8	4.00E-02	51.49%
2297	10338648		-0.3	0.8	8.3	4.00E-02	51.49%
2298	10342082		-0.5	0.7	5.3	4.00E-02	51.52%
2299	10386789	<i>Ulk2</i>	-0.2	0.9	7.8	4.01E-02	51.52%
2300	10410973	<i>4833422C13Rik</i>	0.3	1.2	5.9	4.01E-02	51.52%
2301	10571007	<i>Whsc1ll</i>	-0.1	0.9	9.9	4.01E-02	51.52%
2302	10457598	<i>Ss18</i>	-0.1	0.9	8.3	4.01E-02	51.52%
2303	10395374	<i>Gm5434</i>	0.3	1.2	4.6	4.02E-02	51.52%
2304	10448495	<i>1600002H07Rik</i>	0.1	1.1	7.9	4.02E-02	51.52%
2305	10341653		0.5	1.4	5.4	4.03E-02	51.52%
2306	10554223	<i>Mrps11</i>	0.2	1.2	8.4	4.03E-02	51.52%
2307	10356262	<i>Csprs</i>	0.4	1.3	8.4	4.03E-02	51.52%
2308	10410345	<i>Zfp748</i>	-0.2	0.9	7.4	4.03E-02	51.52%
2309	10354414		0.1	1.1	6.1	4.03E-02	51.52%
2310	10338492		-0.4	0.8	7.2	4.03E-02	51.52%
2311	10339279		-0.5	0.7	5.3	4.04E-02	51.52%
2312	10569618	<i>Ano1</i>	-0.2	0.8	7.0	4.04E-02	51.52%
2313	10440131	<i>Gpr15</i>	0.2	1.2	5.5	4.04E-02	51.52%
2314	10535647	<i>Atp5j2</i>	0.1	1.1	11.9	4.04E-02	51.52%
2315	10442025		0.2	1.2	4.2	4.04E-02	51.52%
2316	10494972	<i>Bcl2ll5</i>	-0.8	0.6	8.2	4.05E-02	51.52%
2317	10343950		0.5	1.4	5.3	4.05E-02	51.52%
2318	10577395	<i>2610005L07Rik</i>	-0.2	0.9	10.6	4.05E-02	51.52%
2319	10340677		0.4	1.3	8.2	4.05E-02	51.52%
2320	10494761	<i>Vtcn1</i>	0.2	1.2	5.6	4.05E-02	51.52%
2321	10341445		0.2	1.2	8.6	4.05E-02	51.52%
2322	10495285	<i>Sort1</i>	-0.3	0.8	9.6	4.05E-02	51.52%
2323	10340890		-0.4	0.8	6.0	4.05E-02	51.52%
2324	10410465	<i>BC018507</i>	-0.2	0.9	8.2	4.05E-02	51.52%
2325	10418341	<i>Ill17rb</i>	-0.2	0.9	6.7	4.05E-02	51.52%
2326	10403015	<i>Ighm</i>	0.5	1.4	12.0	4.05E-02	51.52%
2327	10339082		-0.4	0.8	7.0	4.06E-02	51.55%
2328	10554893	<i>Ccdc89</i>	0.2	1.2	5.2	4.06E-02	51.55%

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2329	10594289	<i>Glce</i>	0.2	1.1	8.2	4.06E-02	51.55%
2330	10403013		0.5	1.4	4.2	4.06E-02	51.55%
2331	10463803	<i>Slk</i>	-0.2	0.9	9.5	4.07E-02	51.63%
2332	10394346		0.2	1.2	5.8	4.07E-02	51.63%
2333	10543411	<i>Slc13a1</i>	-0.9	0.5	11.8	4.08E-02	51.63%
2334	10412392		-0.2	0.9	5.7	4.09E-02	51.63%
2335	10466441	<i>Vps13a</i>	-0.2	0.9	9.3	4.09E-02	51.63%
2336	10468992	<i>Frmd4a</i>	-0.1	0.9	6.9	4.09E-02	51.63%
2337	10501544	<i>Amy2a5</i>	-2.7	0.2	6.9	4.09E-02	51.63%
2338	10400630		0.2	1.1	7.0	4.09E-02	51.63%
2339	10558090	<i>Tacc2</i>	-0.2	0.9	7.8	4.09E-02	51.63%
2340	10605542	<i>Mageb16</i>	0.1	1.1	4.1	4.09E-02	51.63%
2341	10344389		0.3	1.2	10.7	4.09E-02	51.63%
2342	10470175	<i>Lcn13</i>	0.2	1.1	4.3	4.10E-02	51.63%
2343	10573115	<i>Rnf150</i>	-0.2	0.9	6.4	4.10E-02	51.63%
2344	10339636		-0.8	0.6	4.7	4.10E-02	51.63%
2345	10604735	<i>Rbmx</i>	0.2	1.2	9.4	4.10E-02	51.63%
2346	10341632		-0.4	0.8	6.9	4.10E-02	51.63%
2347	10454483	<i>Wdr33</i>	-0.1	0.9	9.1	4.10E-02	51.65%
2348	10381304	<i>Vps25</i>	0.3	1.2	11.1	4.10E-02	51.65%
2349	10432746	<i>Krt75</i>	0.2	1.2	6.3	4.10E-02	51.65%
2350	10338110		-0.6	0.7	6.5	4.11E-02	51.65%
2351	10340119		0.5	1.5	5.4	4.11E-02	51.65%
2352	10574141	<i>Nlrc5</i>	0.2	1.1	8.0	4.11E-02	51.65%
2353	10594297	<i>Spesp1</i>	0.2	1.2	6.8	4.11E-02	51.65%
2354	10344063		-0.4	0.8	7.3	4.12E-02	51.70%
2355	10343435		-0.5	0.7	7.9	4.12E-02	51.72%
2356	10521995	<i>3110047P20Rik</i>	0.2	1.2	5.8	4.12E-02	51.73%
2357	10339186		-0.4	0.8	7.9	4.13E-02	51.77%
2358	10528015	<i>Steap1</i>	-0.3	0.8	6.1	4.13E-02	51.77%
2359	10393113	<i>Trim65</i>	-0.2	0.9	7.7	4.13E-02	51.77%
2360	10372021		-0.4	0.8	4.8	4.13E-02	51.77%
2361	10500237	<i>Rprd2</i>	-0.1	0.9	9.4	4.14E-02	51.77%
2362	10608663	<i>Nlrp4g</i>	0.2	1.1	4.9	4.14E-02	51.77%
2363	10383282	<i>Chmp6</i>	0.2	1.1	8.8	4.14E-02	51.77%
2364	10585990	<i>Myo9a</i>	-0.2	0.8	7.6	4.15E-02	51.77%
2365	10340274		-0.4	0.7	6.6	4.15E-02	51.77%
2366	10501494	<i>Amy2a5</i>	-2.9	0.1	6.3	4.15E-02	51.77%
2367	10339493		-0.4	0.7	4.1	4.15E-02	51.77%
2368	10580754	<i>9330175E14Rik</i>	0.3	1.2	7.0	4.15E-02	51.77%
2369	10357952	<i>Ppp1r12b</i>	-0.2	0.9	7.0	4.15E-02	51.77%

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2370	10475019	<i>Itpka</i>	0.2	1.2	7.8	4.15E-02	51.77%
2371	10522819	<i>Ugt2b35</i>	-0.5	0.7	7.8	4.16E-02	51.84%
2372	10555919	<i>Olfr692</i>	0.2	1.1	6.3	4.16E-02	51.84%
2373	10448307	<i>Tnfrsf12a</i>	0.2	1.2	8.2	4.16E-02	51.84%
2374	10512011	<i>Zfp292</i>	-0.2	0.9	9.4	4.16E-02	51.86%
2375	10563770	<i>Csrp3</i>	0.3	1.2	6.6	4.17E-02	51.88%
2376	10363786	<i>Ank3</i>	-0.4	0.8	8.2	4.17E-02	51.91%
2377	10542615	<i>Slco1b2</i>	0.5	1.4	4.6	4.18E-02	52.03%
2378	10341165		-0.5	0.7	6.7	4.18E-02	52.03%
2379	10474379	<i>Hadhb</i>	0.2	1.2	10.7	4.19E-02	52.04%
2380	10392943	<i>Hn1</i>	0.2	1.1	11.0	4.19E-02	52.04%
2381	10483157		0.3	1.2	5.8	4.19E-02	52.04%
2382	10426875	<i>Atf1</i>	-0.2	0.9	9.5	4.19E-02	52.04%
2383	10344221		-0.6	0.7	6.7	4.20E-02	52.07%
2384	10343347		-0.5	0.7	4.8	4.20E-02	52.07%
2385	10340064		-0.3	0.8	7.9	4.20E-02	52.07%
2386	10489463	<i>Slpi</i>	0.2	1.1	7.2	4.20E-02	52.07%
2387	10340026		-0.4	0.8	6.6	4.21E-02	52.10%
2388	10521757		0.3	1.3	8.9	4.21E-02	52.10%
2389	10411622	<i>Naip6</i>	-0.4	0.7	10.0	4.21E-02	52.10%
2390	10339086		-0.5	0.7	6.0	4.21E-02	52.12%
2391	10340706		0.4	1.3	8.4	4.22E-02	52.12%
2392	10538082	<i>Atp6v0e2</i>	0.2	1.1	8.8	4.22E-02	52.12%
2393	10341423		-0.7	0.6	3.5	4.22E-02	52.15%
2394	10353346	<i>Pkhd1</i>	-0.4	0.8	5.9	4.23E-02	52.16%
2395	10342053		-0.3	0.8	10.9	4.23E-02	52.16%
2396	10366705		0.3	1.2	11.0	4.23E-02	52.16%
2397	10339145		-0.4	0.7	7.4	4.23E-02	52.16%
2398	10608703	<i>Tomt</i>	0.2	1.1	5.6	4.23E-02	52.16%
2399	10555875	<i>Olfr653</i>	0.2	1.1	5.7	4.24E-02	52.19%
2400	10501500	<i>Amy2a5</i>	-2.6	0.2	7.1	4.24E-02	52.19%
2401	10501511	<i>Amy2a5</i>	-2.6	0.2	7.1	4.24E-02	52.19%
2402	10501522	<i>Amy2a5</i>	-2.6	0.2	7.1	4.24E-02	52.19%
2403	10501533	<i>Amy2a5</i>	-2.6	0.2	7.1	4.24E-02	52.19%
2404	10394331	<i>Pfn4</i>	-0.2	0.9	5.7	4.25E-02	52.23%
2405	10343302		-0.3	0.8	9.0	4.25E-02	52.29%
2406	10460237	<i>Unc93b1</i>	0.3	1.2	8.7	4.26E-02	52.30%
2407	10400413	<i>Ralgap1</i>	-0.2	0.9	8.8	4.26E-02	52.30%
2408	10461844	<i>Gnaq</i>	-0.2	0.9	9.1	4.26E-02	52.30%
2409	10403455	<i>Dip2c</i>	-0.3	0.8	8.3	4.27E-02	52.30%
2410	10457022	<i>Mbp</i>	-0.2	0.9	7.7	4.27E-02	52.30%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2411	10442211	<i>Zfp53</i>	-0.3	0.8	8.1	4.27E-02	52.30%
2412	10562612	<i>AW146154</i>	-0.2	0.9	5.3	4.28E-02	52.30%
2413	10338262		-0.7	0.6	3.2	4.28E-02	52.30%
2414	10342143		-0.3	0.8	6.8	4.28E-02	52.30%
2415	10439788		-0.5	0.7	6.7	4.28E-02	52.30%
2416	10391732	<i>Gpatch8</i>	-0.2	0.9	8.2	4.28E-02	52.30%
2417	10529260	<i>C330019G07Rik</i>	-0.1	0.9	9.1	4.29E-02	52.30%
2418	10338086		-0.3	0.8	7.8	4.29E-02	52.30%
2419	10486898	<i>Spg11</i>	-0.1	0.9	8.1	4.29E-02	52.30%
2420	10456814	<i>Pias2</i>	-0.1	0.9	8.6	4.29E-02	52.30%
2421	10468562	<i>Gucy2g</i>	0.2	1.1	5.4	4.29E-02	52.30%
2422	10339188		-0.6	0.6	7.1	4.29E-02	52.30%
2423	10425040	<i>Apol7e</i>	0.3	1.2	7.5	4.30E-02	52.30%
2424	10339834		0.6	1.5	8.0	4.30E-02	52.30%
2425	10596166	<i>1300017J02Rik</i>	0.5	1.4	6.4	4.30E-02	52.30%
2426	10339612		-0.4	0.7	3.2	4.31E-02	52.30%
2427	10427898	<i>Fbxl7</i>	0.1	1.1	7.2	4.31E-02	52.30%
2428	10582196	<i>1190005I06Rik</i>	0.2	1.2	6.5	4.31E-02	52.30%
2429	10340153		-0.3	0.8	8.0	4.31E-02	52.30%
2430	10390560	<i>Stac2</i>	0.2	1.1	6.0	4.31E-02	52.30%
2431	10339079		-0.4	0.8	5.9	4.32E-02	52.30%
2432	10343280		-0.1	0.9	9.1	4.32E-02	52.30%
2433	10338333		0.5	1.4	7.3	4.32E-02	52.30%
2434	10412066	<i>Rab3c</i>	-0.2	0.9	5.8	4.32E-02	52.30%
2435	10581645	<i>Marveld3</i>	0.2	1.1	9.1	4.32E-02	52.30%
2436	10485698		0.3	1.2	6.6	4.32E-02	52.30%
2437	10343894		-0.3	0.8	7.2	4.32E-02	52.30%
2438	10532892	<i>1500011B03Rik</i>	0.2	1.1	7.7	4.32E-02	52.30%
2439	10380472		-0.2	0.9	4.0	4.32E-02	52.30%
2440	10478077	<i>Ralgapb</i>	-0.1	0.9	9.7	4.33E-02	52.30%
2441	10576911	<i>Efnb2</i>	-0.2	0.9	9.1	4.33E-02	52.30%
2442	10406626	<i>Homer1</i>	-0.2	0.9	8.5	4.33E-02	52.30%
2443	10556812	<i>Lym1</i>	-0.2	0.9	6.3	4.33E-02	52.30%
2444	10505465	<i>6330416G13Rik</i>	-0.2	0.9	7.6	4.33E-02	52.30%
2445	10398319	<i>Dlk1</i>	0.2	1.2	7.5	4.34E-02	52.30%
2446	10548663	<i>Tas2r121</i>	-0.2	0.9	3.9	4.34E-02	52.30%
2447	10588403	<i>Mrpl3</i>	0.2	1.1	10.1	4.34E-02	52.30%
2448	10603881	<i>Zfp182</i>	-0.3	0.8	6.8	4.35E-02	52.30%
2449	10503036	<i>Srsf11</i>	-0.1	0.9	9.3	4.35E-02	52.30%
2450	10343229		-0.6	0.6	5.5	4.35E-02	52.30%
2451	10465651	<i>Mark2</i>	-0.1	0.9	9.7	4.35E-02	52.30%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2452	10342247		-0.3	0.8	8.2	4.35E-02	52.30%
2453	10415911	<i>Kif13b</i>	-0.2	0.9	8.6	4.35E-02	52.30%
2454	10420823	<i>Hmbox1</i>	-0.1	0.9	8.4	4.35E-02	52.30%
2455	10341571		-0.5	0.7	8.8	4.35E-02	52.30%
2456	10531274	<i>Btc</i>	-0.2	0.9	7.2	4.36E-02	52.30%
2457	10340093		0.2	1.2	8.2	4.36E-02	52.30%
2458	10414333	<i>Samd4</i>	-0.2	0.9	6.8	4.36E-02	52.30%
2459	10401774		0.2	1.2	6.3	4.36E-02	52.30%
2460	10432785	<i>Krt5</i>	0.3	1.2	6.0	4.37E-02	52.30%
2461	10340285		0.3	1.2	7.1	4.37E-02	52.30%
2462	10344332		-0.3	0.8	9.4	4.37E-02	52.30%
2463	10398444		0.2	1.2	7.5	4.37E-02	52.30%
2464	10369690	<i>Tet1</i>	-0.1	0.9	6.6	4.37E-02	52.30%
2465	10389795	<i>Stxbp4</i>	-0.3	0.8	6.2	4.38E-02	52.30%
2466	10479010	<i>Spo11</i>	0.2	1.2	5.1	4.38E-02	52.30%
2467	10497878	<i>Il2</i>	0.2	1.1	4.9	4.38E-02	52.30%
2468	10456005	<i>Cd74</i>	0.2	1.1	12.4	4.38E-02	52.30%
2469	10347928	<i>Sp110</i>	0.4	1.3	7.4	4.38E-02	52.30%
2470	10582874	<i>Sp110</i>	0.4	1.3	7.4	4.38E-02	52.30%
2471	10503176	<i>Chd7</i>	-0.2	0.8	8.2	4.38E-02	52.30%
2472	10525555	<i>Mlxip</i>	-0.2	0.9	9.1	4.38E-02	52.30%
2473	10362111		-0.3	0.8	7.4	4.39E-02	52.30%
2474	10378781		-0.3	0.8	7.4	4.39E-02	52.30%
2475	10381681		-0.3	0.8	7.4	4.39E-02	52.30%
2476	10396110		-0.3	0.8	7.4	4.39E-02	52.30%
2477	10480273		-0.3	0.8	7.4	4.39E-02	52.30%
2478	10496917		-0.3	0.8	7.4	4.39E-02	52.30%
2479	10521600		-0.3	0.8	7.4	4.39E-02	52.30%
2480	10339861		-0.2	0.9	10.1	4.39E-02	52.32%
2481	10458540	<i>Pcdh12</i>	0.2	1.2	6.4	4.39E-02	52.32%
2482	10404270	<i>Prl3d1</i>	0.3	1.2	5.2	4.39E-02	52.34%
2483	10605726		0.2	1.2	5.6	4.40E-02	52.35%
2484	10340858		0.1	1.1	11.4	4.41E-02	52.46%
2485	10340909		1.0	2.0	5.3	4.41E-02	52.46%
2486	10551462		-0.3	0.8	5.3	4.42E-02	52.46%
2487	10541785	<i>Acrbp</i>	-0.2	0.8	7.2	4.42E-02	52.46%
2488	10369208		-0.1	0.9	2.6	4.42E-02	52.46%
2489	10568202	<i>I-Sep</i>	0.3	1.3	7.6	4.42E-02	52.46%
2490	10340861		0.5	1.4	4.6	4.42E-02	52.46%
2491	10416522	<i>Tsc22d1</i>	-0.2	0.9	9.3	4.42E-02	52.46%
2492	10518585	<i>Kif1b</i>	-0.1	0.9	9.2	4.42E-02	52.46%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2493	10530059	<i>Sel1l3</i>	-0.2	0.9	10.3	4.42E-02	52.47%
2494	10339777		-0.4	0.8	7.4	4.44E-02	52.57%
2495	10433584	<i>Tnfrsf17</i>	0.4	1.3	7.3	4.44E-02	52.57%
2496	10583478	<i>Rdh8</i>	0.2	1.2	6.1	4.44E-02	52.57%
2497	10527306	<i>Lmtk2</i>	-0.2	0.9	9.6	4.44E-02	52.57%
2498	10425267	<i>Pick1</i>	-0.1	0.9	8.4	4.45E-02	52.59%
2499	10557211	<i>Rbbp6</i>	-0.3	0.8	7.6	4.45E-02	52.59%
2500	10503148		0.2	1.2	6.4	4.45E-02	52.59%
2501	10507477		0.5	1.4	4.0	4.45E-02	52.59%
2502	10455591		0.2	1.2	5.7	4.46E-02	52.59%
2503	10492662	<i>LOC100233207</i>	0.2	1.2	5.3	4.46E-02	52.59%
2504	10338234		-0.6	0.7	5.4	4.46E-02	52.59%
2505	10508676	<i>Matn1</i>	0.3	1.2	5.3	4.46E-02	52.59%
2506	10507880		0.3	1.2	5.6	4.46E-02	52.59%
2507	10476728	<i>Dtd1</i>	0.2	1.1	7.8	4.46E-02	52.59%
2508	10504728	<i>Foxe1</i>	0.3	1.2	7.3	4.46E-02	52.59%
2509	10436050	<i>Dppa4</i>	-0.5	0.7	6.2	4.46E-02	52.59%
2510	10339646		-0.3	0.8	8.0	4.47E-02	52.60%
2511	10503166	<i>Chd7</i>	-0.3	0.8	8.1	4.47E-02	52.60%
2512	10354647		-0.3	0.8	5.0	4.47E-02	52.60%
2513	10574498	<i>Ces2a</i>	-0.8	0.6	8.8	4.47E-02	52.60%
2514	10365208	<i>Zfp873</i>	-0.3	0.8	6.4	4.47E-02	52.60%
2515	10573566	<i>Dhps</i>	0.2	1.1	7.4	4.47E-02	52.60%
2516	10340503		-0.4	0.8	6.0	4.48E-02	52.63%
2517	10340684		-0.3	0.8	7.9	4.48E-02	52.65%
2518	10443690	<i>Glp1r</i>	0.3	1.3	7.2	4.49E-02	52.70%
2519	10338665		-0.3	0.8	7.8	4.49E-02	52.73%
2520	10342941		-0.4	0.7	8.8	4.51E-02	52.74%
2521	10343285		-0.3	0.8	8.3	4.51E-02	52.74%
2522	10445638	<i>Ubr2</i>	0.2	1.2	6.1	4.51E-02	52.74%
2523	10456363	<i>Gnal</i>	-0.2	0.9	5.6	4.51E-02	52.74%
2524	10344210		-0.2	0.8	8.7	4.51E-02	52.74%
2525	10362968	<i>Bves</i>	-0.3	0.8	7.8	4.51E-02	52.74%
2526	10343824		-0.3	0.8	7.4	4.51E-02	52.74%
2527	10338957		-0.3	0.8	7.1	4.52E-02	52.74%
2528	10456972		0.2	1.1	5.0	4.52E-02	52.74%
2529	10557156	<i>Plk1</i>	0.2	1.2	9.5	4.52E-02	52.74%
2530	10498448	<i>Plch1</i>	-0.2	0.9	7.7	4.52E-02	52.74%
2531	10579079	<i>Zfp869</i>	-0.1	0.9	7.8	4.52E-02	52.74%
2532	10521389		0.2	1.2	5.4	4.52E-02	52.74%
2533	10547906	<i>Lag3</i>	0.2	1.2	6.5	4.52E-02	52.74%

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2534	10417920	<i>Usp54</i>	-0.1	0.9	6.8	4.53E-02	52.74%
2535	10467897	<i>Cyp2c44</i>	0.5	1.4	8.7	4.53E-02	52.74%
2536	10382300	<i>Map2k6</i>	-0.3	0.8	7.7	4.53E-02	52.74%
2537	10470584	<i>Tsc1</i>	-0.1	0.9	8.2	4.53E-02	52.74%
2538	10338961		0.6	1.5	5.7	4.53E-02	52.74%
2539	10379190	<i>Vtn</i>	0.9	1.9	6.9	4.53E-02	52.74%
2540	10463051	<i>Cyp2c50</i>	0.3	1.2	4.1	4.53E-02	52.74%
2541	10343890		-0.3	0.8	6.8	4.53E-02	52.74%
2542	10351056	<i>Ankrd45</i>	0.2	1.1	5.5	4.54E-02	52.74%
2543	10602454	<i>Fam120c</i>	-0.2	0.9	7.0	4.54E-02	52.74%
2544	10585162	<i>Gm4894</i>	0.2	1.2	5.9	4.54E-02	52.74%
2545	10339879		-0.4	0.8	2.6	4.54E-02	52.74%
2546	10362633	<i>Rev3l</i>	-0.2	0.9	8.8	4.55E-02	52.74%
2547	10582916		1.5	2.7	9.9	4.55E-02	52.74%
2548	10521984	<i>G6pd2</i>	0.1	1.1	8.4	4.55E-02	52.74%
2549	10528287	<i>Gm6718</i>	0.3	1.2	5.4	4.55E-02	52.74%
2550	10444236	<i>H2-DMb2</i>	0.3	1.3	8.2	4.55E-02	52.74%
2551	10561918		0.2	1.2	5.4	4.56E-02	52.74%
2552	10457587	<i>Zfp521</i>	-0.3	0.8	6.8	4.56E-02	52.74%
2553	10339918		-0.7	0.6	4.4	4.56E-02	52.74%
2554	10380321	<i>Mbtd1</i>	-0.2	0.9	8.9	4.56E-02	52.74%
2555	10349316	<i>Tmem185b</i>	0.2	1.1	8.1	4.56E-02	52.74%
2556	10346943	<i>Creb1</i>	-0.2	0.9	9.7	4.56E-02	52.74%
2557	10338621		-0.6	0.7	3.8	4.56E-02	52.74%
2558	10461459	<i>Syt7</i>	-0.3	0.8	6.7	4.56E-02	52.74%
2559	10447120	<i>Tmem178</i>	0.3	1.2	7.6	4.57E-02	52.74%
2560	10590479	<i>Zfp167</i>	-0.2	0.9	6.0	4.57E-02	52.74%
2561	10340341		-0.4	0.8	4.9	4.57E-02	52.74%
2562	10425076		-0.1	0.9	3.8	4.58E-02	52.77%
2563	10600034	<i>Gm1141</i>	0.2	1.2	5.6	4.58E-02	52.77%
2564	10483163	<i>Grb14</i>	-0.2	0.9	7.1	4.58E-02	52.77%
2565	10341810		-0.4	0.8	7.6	4.58E-02	52.77%
2566	10520513	<i>4930471M23Rik</i>	0.2	1.1	9.2	4.58E-02	52.77%
2567	10414723		0.2	1.2	4.4	4.59E-02	52.77%
2568	10414923		0.2	1.2	4.4	4.59E-02	52.77%
2569	10523674	<i>Nudt9</i>	0.2	1.2	9.6	4.59E-02	52.77%
2570	10378413	<i>Olfir23</i>	0.2	1.1	4.6	4.59E-02	52.77%
2571	10344522		-0.4	0.7	8.3	4.59E-02	52.79%
2572	10390186	<i>Abi3</i>	0.3	1.2	8.2	4.59E-02	52.79%
2573	10510445		-0.3	0.8	8.2	4.60E-02	52.79%
2574	10585825	<i>Stoml1</i>	0.1	1.1	7.3	4.60E-02	52.79%

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2575	10465374	<i>Sac3d1</i>	0.2	1.2	7.3	4.60E-02	52.80%
2576	10340686		-0.4	0.8	7.7	4.60E-02	52.80%
2577	10466216	<i>Ms4a2</i>	0.2	1.1	4.5	4.60E-02	52.80%
2578	10568150	<i>Kif22</i>	0.2	1.1	7.7	4.61E-02	52.82%
2579	10408572		-0.2	0.9	3.7	4.61E-02	52.82%
2580	10492448	<i>Ptx3</i>	0.2	1.1	5.5	4.61E-02	52.82%
2581	10338816		-0.4	0.8	7.3	4.61E-02	52.82%
2582	10440333	<i>Speer2</i>	0.2	1.2	5.5	4.62E-02	52.82%
2583	10493380	<i>Gm6835</i>	0.2	1.2	6.8	4.62E-02	52.82%
2584	10596769	<i>Rbm5</i>	-0.1	0.9	9.7	4.62E-02	52.82%
2585	10405942	<i>Gm10037</i>	0.2	1.2	5.1	4.62E-02	52.82%
2586	10371154	<i>4930404N11Rik</i>	0.2	1.2	7.1	4.62E-02	52.82%
2587	10473570	<i>Olfr1148</i>	0.4	1.3	6.7	4.62E-02	52.82%
2588	10406845	<i>Foxd1</i>	0.2	1.1	5.2	4.63E-02	52.89%
2589	10420694	<i>Ints6</i>	-0.2	0.9	8.9	4.63E-02	52.89%
2590	10566926	<i>Rnf141</i>	0.1	1.1	10.2	4.64E-02	52.93%
2591	10347036	<i>Mtap2</i>	-0.1	0.9	6.1	4.64E-02	52.93%
2592	10352020	<i>Wdr64</i>	0.2	1.2	5.5	4.64E-02	52.93%
2593	10390075	<i>Gm11545</i>	-0.3	0.8	11.1	4.64E-02	52.93%
2594	10363161	<i>Tmem229b</i>	-0.5	0.7	8.4	4.65E-02	52.93%
2595	10546631	<i>Frmd4b</i>	-0.2	0.9	8.5	4.65E-02	52.93%
2596	10512766	<i>Trim14</i>	-0.2	0.9	9.4	4.65E-02	52.93%
2597	10448136		-0.3	0.8	3.1	4.65E-02	52.93%
2598	10575291	<i>Zfp821</i>	-0.2	0.9	7.4	4.65E-02	52.93%
2599	10380558	<i>B130006D01Rik</i>	-0.2	0.9	7.2	4.65E-02	52.93%
2600	10458534	<i>Pcdh1</i>	-0.2	0.9	8.1	4.66E-02	52.94%
2601	10386195	<i>Olfr224</i>	0.3	1.2	3.9	4.66E-02	52.94%
2602	10519264	<i>Mir429</i>	-0.3	0.8	5.2	4.66E-02	52.94%
2603	10346594	<i>Cdk15</i>	0.2	1.1	5.6	4.66E-02	52.94%
2604	10339167		1.1	2.1	3.2	4.66E-02	52.94%
2605	10338991		0.3	1.2	4.7	4.67E-02	52.94%
2606	10552725	<i>Vrk3</i>	0.1	1.1	8.6	4.67E-02	52.94%
2607	10340052		-0.6	0.7	5.3	4.67E-02	52.95%
2608	10566628		0.2	1.1	5.3	4.67E-02	52.95%
2609	10464761	<i>Syt12</i>	-0.3	0.8	7.4	4.68E-02	52.95%
2610	10466963	<i>9930021J03Rik</i>	-0.3	0.8	9.5	4.68E-02	52.95%
2611	10338464		0.5	1.4	6.3	4.68E-02	52.95%
2612	10443764	<i>Slc37a1</i>	-0.2	0.9	9.9	4.68E-02	52.95%
2613	10489341		0.2	1.1	5.3	4.68E-02	52.95%
2614	10578574	<i>Stox2</i>	-0.2	0.8	6.7	4.68E-02	52.95%
2615	10340463		-0.4	0.7	4.3	4.69E-02	52.95%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2616	10505249		0.3	1.2	3.3	4.69E-02	52.95%
2617	10437586	<i>Tmem186</i>	-0.1	0.9	7.7	4.69E-02	52.95%
2618	10450772	<i>H2-M10.3</i>	0.3	1.2	5.8	4.69E-02	52.95%
2619	10346592	<i>Als2cr4</i>	0.3	1.2	6.8	4.69E-02	52.95%
2620	10421817	<i>Naa16</i>	-0.3	0.8	7.4	4.69E-02	52.95%
2621	10490653	<i>Gmeb2</i>	-0.1	0.9	8.6	4.70E-02	52.95%
2622	10588037	<i>Rbp1</i>	0.2	1.1	6.3	4.70E-02	52.95%
2623	10453250		0.5	1.4	5.0	4.70E-02	52.95%
2624	10560709	<i>Pvr</i>	-0.2	0.9	8.7	4.70E-02	52.95%
2625	10467425	<i>Sorbs1</i>	-0.2	0.9	8.9	4.70E-02	52.95%
2626	10475437	<i>Sord</i>	-0.4	0.7	10.6	4.70E-02	52.95%
2627	10385993	<i>Anxa6</i>	0.2	1.2	6.7	4.71E-02	52.95%
2628	10608718	<i>Pglyrp2</i>	0.2	1.1	6.9	4.71E-02	52.95%
2629	10438415	<i>Iglv1</i>	0.8	1.8	8.9	4.71E-02	52.95%
2630	10574342	<i>AA960436</i>	0.1	1.1	8.6	4.71E-02	52.95%
2631	10447412		0.3	1.2	8.2	4.72E-02	52.95%
2632	10344510		-0.5	0.7	7.1	4.72E-02	52.95%
2633	10415431	<i>Mcpt1</i>	0.8	1.7	8.0	4.72E-02	52.95%
2634	10340784		-0.3	0.8	2.6	4.72E-02	52.95%
2635	10340680		0.3	1.2	6.6	4.72E-02	52.95%
2636	10502230		0.4	1.3	5.4	4.72E-02	52.95%
2637	10584496	<i>Olfir960</i>	0.4	1.3	4.1	4.73E-02	52.95%
2638	10343883		0.3	1.2	8.1	4.73E-02	52.95%
2639	10389786	<i>Hlf</i>	-0.4	0.8	7.0	4.73E-02	52.95%
2640	10354054	<i>Mitd1</i>	-0.2	0.9	7.6	4.73E-02	52.95%
2641	10443869	<i>Cyp4f16</i>	-0.4	0.7	10.8	4.73E-02	52.96%
2642	10423791		0.2	1.1	5.3	4.73E-02	52.96%
2643	10338921		-0.4	0.8	6.4	4.74E-02	52.99%
2644	10592917		0.2	1.2	5.0	4.74E-02	52.99%
2645	10412661		0.2	1.2	4.8	4.74E-02	52.99%
2646	10607600		0.2	1.2	4.6	4.74E-02	52.99%
2647	10359084	<i>Cep350</i>	-0.2	0.9	10.0	4.74E-02	52.99%
2648	10449971	<i>Zfp763</i>	-0.4	0.8	5.9	4.75E-02	53.01%
2649	10572449	<i>Lsm4</i>	0.2	1.1	10.0	4.75E-02	53.04%
2650	10473240	<i>Eno1</i>	0.2	1.2	12.3	4.75E-02	53.04%
2651	10581479	<i>Smpd3</i>	-0.2	0.9	9.0	4.76E-02	53.09%
2652	10561837	<i>Zfp146</i>	-0.2	0.9	8.8	4.77E-02	53.13%
2653	10473312	<i>Fam171b</i>	-0.3	0.8	6.7	4.77E-02	53.16%
2654	10342208		-0.6	0.7	5.3	4.78E-02	53.18%
2655	10524983	<i>Med13l</i>	-0.1	0.9	8.7	4.78E-02	53.18%
2656	10344606		-0.3	0.8	6.3	4.78E-02	53.18%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2657	10562856	<i>Myh14</i>	-0.2	0.9	9.7	4.79E-02	53.23%
2658	10499366	<i>Pmf1</i>	0.2	1.1	8.1	4.79E-02	53.23%
2659	10344101		-0.8	0.6	6.1	4.79E-02	53.23%
2660	10345855	<i>Slc9a2</i>	-0.2	0.9	10.8	4.80E-02	53.23%
2661	10369815	<i>Cdk1</i>	0.2	1.2	10.7	4.80E-02	53.23%
2662	10454059		0.2	1.2	5.5	4.80E-02	53.23%
2663	10412211	<i>Gzma</i>	0.6	1.6	10.6	4.80E-02	53.23%
2664	10369844	<i>Bicc1</i>	-0.2	0.9	7.5	4.80E-02	53.23%
2665	10338819		0.7	1.6	7.1	4.80E-02	53.23%
2666	10506108		-0.2	0.9	6.1	4.81E-02	53.23%
2667	10390032	<i>Acsf2</i>	-0.4	0.8	9.6	4.81E-02	53.23%
2668	10338450		0.4	1.3	4.1	4.81E-02	53.23%
2669	10458804		0.2	1.1	6.6	4.81E-02	53.23%
2670	10414706		0.4	1.3	8.4	4.81E-02	53.23%
2671	10509256		0.2	1.1	6.4	4.82E-02	53.23%
2672	10484569	<i>Olfir1045</i>	0.4	1.3	4.4	4.82E-02	53.23%
2673	10342653		0.5	1.4	6.5	4.82E-02	53.23%
2674	10406937		-0.2	0.9	3.1	4.82E-02	53.23%
2675	10584508	<i>Olfir969</i>	0.2	1.1	3.9	4.83E-02	53.23%
2676	10601915	<i>Fam199x</i>	-0.2	0.8	7.6	4.83E-02	53.23%
2677	10368997	<i>C130030K03Rik</i>	0.2	1.1	4.3	4.83E-02	53.23%
2678	10426601	<i>Olfir279</i>	0.3	1.2	6.1	4.83E-02	53.23%
2679	10495781	<i>Bcar3</i>	-0.2	0.9	9.4	4.83E-02	53.23%
2680	10491212	<i>Egfm1</i>	0.2	1.1	5.4	4.83E-02	53.23%
2681	10606544		0.2	1.2	6.2	4.83E-02	53.23%
2682	10370931	<i>Mknk2</i>	-0.1	0.9	9.0	4.83E-02	53.23%
2683	10342587		-0.5	0.7	5.8	4.84E-02	53.23%
2684	10426955	<i>Scn8a</i>	0.2	1.2	5.0	4.84E-02	53.23%
2685	10353871	<i>Lman2l</i>	-0.2	0.9	7.4	4.84E-02	53.23%
2686	10395457	<i>Etv1</i>	-0.4	0.8	7.5	4.84E-02	53.23%
2687	10415127	<i>Il25</i>	0.2	1.2	6.5	4.84E-02	53.23%
2688	10507110		-0.2	0.9	6.3	4.84E-02	53.23%
2689	10339075		-0.4	0.8	6.4	4.84E-02	53.23%
2690	10508737	<i>Eya3</i>	-0.1	0.9	9.5	4.84E-02	53.24%
2691	10348321	<i>Dgkd</i>	-0.2	0.9	9.3	4.85E-02	53.25%
2692	10584208	<i>Cdon</i>	-0.2	0.9	7.7	4.85E-02	53.25%
2693	10340060		-0.3	0.8	9.0	4.85E-02	53.25%
2694	10339432		-0.4	0.8	7.4	4.86E-02	53.25%
2695	10339209		-0.3	0.8	8.7	4.86E-02	53.25%
2696	10523526		0.2	1.2	5.5	4.86E-02	53.25%
2697	10434709	<i>Hrg</i>	0.6	1.5	4.8	4.86E-02	53.25%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2698	10585982	<i>Myo9a</i>	-0.3	0.8	8.3	4.86E-02	53.25%
2699	10392284	<i>Kpna2</i>	0.1	1.1	11.3	4.86E-02	53.25%
2700	10340452		-0.7	0.6	5.2	4.86E-02	53.25%
2701	10338564		0.4	1.3	3.7	4.86E-02	53.25%
2702	10533007	<i>Ccdc64</i>	0.2	1.2	6.3	4.87E-02	53.25%
2703	10535974	<i>Vmn2r18</i>	-0.2	0.9	3.6	4.87E-02	53.27%
2704	10445407	<i>Tcte1</i>	0.2	1.2	5.8	4.87E-02	53.27%
2705	10473469	<i>Olfr1020</i>	0.2	1.2	4.1	4.87E-02	53.27%
2706	10575363	<i>Zfp612</i>	-0.2	0.9	6.9	4.88E-02	53.27%
2707	10492021	<i>Postn</i>	-0.6	0.6	9.3	4.88E-02	53.27%
2708	10450212	<i>Egfl8</i>	0.2	1.1	7.6	4.88E-02	53.27%
2709	10509590	<i>Pla2g2e</i>	0.2	1.1	6.7	4.88E-02	53.28%
2710	10388786	<i>Supt6h</i>	-0.2	0.9	9.2	4.88E-02	53.28%
2711	10557455		0.2	1.1	8.2	4.89E-02	53.28%
2712	10460371	<i>Ptprcap</i>	0.3	1.2	7.9	4.89E-02	53.32%
2713	10491331	<i>Pik3ca</i>	-0.2	0.9	9.7	4.90E-02	53.34%
2714	10413220		-0.2	0.9	11.7	4.90E-02	53.34%
2715	10376326	<i>Irgm2</i>	0.4	1.3	10.0	4.90E-02	53.34%
2716	10521811		0.5	1.4	5.5	4.90E-02	53.34%
2717	10589632	<i>Prss45</i>	0.2	1.2	6.0	4.91E-02	53.34%
2718	10340309		-0.3	0.8	9.5	4.91E-02	53.34%
2719	10342498		-0.6	0.6	4.5	4.91E-02	53.34%
2720	10373695	<i>Il22</i>	0.2	1.1	5.7	4.91E-02	53.34%
2721	10340729		0.2	1.2	9.5	4.91E-02	53.34%
2722	10561369	<i>BC089491</i>	0.3	1.2	5.6	4.92E-02	53.34%
2723	10401320	<i>Adam4</i>	-0.3	0.8	7.4	4.92E-02	53.34%
2724	10590690	<i>Dync2h1</i>	-0.2	0.9	6.2	4.92E-02	53.34%
2725	10484197		-0.2	0.9	6.7	4.92E-02	53.34%
2726	10358894	<i>Sord</i>	-0.4	0.7	10.8	4.92E-02	53.34%
2727	10557808	<i>Zfp646</i>	-0.1	0.9	7.9	4.92E-02	53.34%
2728	10560043	<i>Zfp329</i>	-0.2	0.9	7.8	4.92E-02	53.34%
2729	10576657		0.2	1.2	6.6	4.92E-02	53.34%
2730	10405263	<i>4732471D19Rik</i>	-0.2	0.9	7.4	4.93E-02	53.34%
2731	10350349	<i>Dennd1b</i>	-0.2	0.9	9.9	4.93E-02	53.34%
2732	10403948	<i>Hist1h2be</i>	0.1	1.1	12.3	4.93E-02	53.34%
2733	10338135		-0.3	0.8	7.9	4.93E-02	53.35%
2734	10357261	<i>Marco</i>	0.3	1.2	5.9	4.93E-02	53.35%
2735	10531794	<i>Wdfy3</i>	-0.3	0.8	7.9	4.93E-02	53.35%
2736	10341388		-0.4	0.8	7.2	4.94E-02	53.35%
2737	10570644	<i>Gm6040</i>	0.2	1.2	5.3	4.94E-02	53.37%
2738	10342048		-0.3	0.8	8.9	4.94E-02	53.37%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2739	10405074	<i>Nol8</i>	-0.2	0.8	8.4	4.94E-02	53.37%
2740	10376455	<i>Hist3h2a</i>	0.2	1.1	9.7	4.95E-02	53.38%
2741	10459835	<i>8030462N17Rik</i>	0.3	1.2	6.4	4.95E-02	53.38%
2742	10338147		-0.3	0.8	10.8	4.95E-02	53.38%
2743	10344260		-0.3	0.8	7.1	4.96E-02	53.45%
2744	10339224		-0.2	0.9	9.2	4.96E-02	53.45%
2745	10357946	<i>Ppp1r12b</i>	-0.2	0.9	8.1	4.96E-02	53.45%
2746	10471880	<i>Mir181b-2</i>	-0.2	0.8	6.4	4.97E-02	53.45%
2747	10564527	<i>Nr2f2</i>	-0.2	0.9	7.6	4.97E-02	53.45%
2748	10454212	<i>Mep1b</i>	0.2	1.1	12.3	4.97E-02	53.45%
2749	10435415	<i>Sema5b</i>	0.2	1.1	6.5	4.97E-02	53.45%
2750	10342784		-0.5	0.7	5.7	4.97E-02	53.45%
2751	10554081	<i>Ttc23</i>	-0.2	0.9	6.7	4.98E-02	53.45%
2752	10564631	<i>Slco3a1</i>	-0.2	0.9	8.4	4.98E-02	53.45%
2753	10342240		-0.6	0.7	6.4	4.99E-02	53.45%
2754	10338259		-0.4	0.7	4.4	4.99E-02	53.45%
2755	10384349	<i>Polr2c</i>	0.2	1.2	9.9	4.99E-02	53.45%
2756	10589889	<i>Glb1</i>	-0.2	0.9	8.8	4.99E-02	53.45%
2757	10581011		0.5	1.5	3.4	4.99E-02	53.45%
2758	10503161	<i>Chd7</i>	-0.2	0.9	9.2	4.99E-02	53.45%
2759	10447675	<i>Rnaset2a</i>	0.1	1.1	11.9	4.99E-02	53.45%
2760	10394978	<i>Rrm2</i>	0.2	1.2	8.7	4.99E-02	53.45%
2761	10342404		-0.6	0.7	4.4	4.99E-02	53.45%
2762	10343506		0.4	1.3	8.0	4.99E-02	53.46%

Genes were ranked by unadjusted p-value (lowest to highest). Genes with an unadjusted p-value less than 0.05 were included. Shown are fold-changes compared to gd 0. Fold-change is defined as the ratio of fluorescent intensity of the gene on a gestation day to that on gd 0. Avg: Average. FDR: False discovery rate based on Storey q-value.