

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

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Supplemental Table 11: Multiple hypothesis correction in the maternal small intestine on gd 15

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	8.39E-07	1.60%
2	10438738	<i>Bcl6</i>	-1.4	0.4	7.4	1.02E-06	1.60%
3	10350992	<i>Rc3h1</i>	-0.4	0.8	9.9	2.43E-06	1.72%
4	10425601	<i>Tef</i>	-0.7	0.6	8.4	3.40E-06	1.72%
5	10417734	<i>Nr1d2</i>	-0.7	0.6	9.9	3.69E-06	1.72%
6	10377439	<i>Per1</i>	-0.9	0.5	7.8	3.78E-06	1.72%
7	10540191	<i>Nr2c2</i>	-0.4	0.8	9.3	4.53E-06	1.72%
8	10599207	<i>Slc25a43</i>	0.9	1.8	8.1	4.54E-06	1.72%
9	10584057	<i>Zbtb44</i>	-0.5	0.7	8.9	5.56E-06	1.72%
10	10518781	<i>Per3</i>	-1.1	0.5	8.0	5.70E-06	1.72%
11	10425527	<i>Ep300</i>	-0.4	0.8	10.1	6.17E-06	1.72%
12	10391612	<i>Atxn7l3</i>	-0.4	0.8	8.5	6.58E-06	1.72%
13	10520388	<i>Rbm33</i>	-0.6	0.7	8.1	7.64E-06	1.85%
14	10584071	<i>Prdm10</i>	-0.3	0.8	8.1	9.57E-06	2.15%
15	10339401		-1.3	0.4	4.1	1.14E-05	2.38%
16	10606989	<i>Tsc22d3</i>	-0.8	0.6	8.9	1.21E-05	2.38%
17	10507299	<i>Gpbp1l1</i>	-0.4	0.8	10.3	1.32E-05	2.45%
18	10458940	<i>Zfp608</i>	-0.5	0.7	8.2	1.75E-05	3.03%
19	10520371	<i>Rbm33</i>	-0.4	0.8	9.6	1.89E-05	3.03%
20	10425987	<i>Ppara</i>	-0.9	0.5	8.9	2.00E-05	3.03%
21	10373452	<i>Gm129</i>	-1.2	0.4	6.9	2.02E-05	3.03%
22	10500272	<i>Gm129</i>	-0.8	0.6	6.7	2.34E-05	3.17%
23	10574087	<i>Herpud1</i>	-0.4	0.7	10.8	2.47E-05	3.17%
24	10466528	<i>Rfk</i>	0.6	1.5	8.6	2.55E-05	3.17%
25	10342683		-0.8	0.6	7.9	2.57E-05	3.17%
26	10415415	<i>Khynyn</i>	-0.5	0.7	8.2	2.64E-05	3.17%
27	10354085	<i>Rev1</i>	-0.5	0.7	8.2	2.76E-05	3.17%
28	10493626	<i>1700094D03Rik</i>	-0.5	0.7	7.3	2.82E-05	3.17%
29	10474545	<i>Slc12a6</i>	-0.7	0.6	9.6	3.06E-05	3.32%
30	10392241	<i>Polg2</i>	-0.6	0.7	7.4	3.23E-05	3.39%
31	10564573	<i>Chd2</i>	-0.6	0.7	8.9	3.37E-05	3.42%
32	10351013	<i>Rc3h1</i>	-0.5	0.7	9.2	3.64E-05	3.51%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
33	10539002	<i>Rnf103</i>	-0.6	0.6	9.4	3.78E-05	3.51%
34	10453141	<i>Sos1</i>	-0.4	0.7	8.5	3.82E-05	3.51%
35	10471967	<i>Mbd5</i>	-0.3	0.8	6.9	3.90E-05	3.51%
36	10582445	<i>Ankrd11</i>	-0.4	0.7	9.2	4.04E-05	3.53%
37	10401365	<i>Zfyve1</i>	-0.4	0.7	9.0	4.38E-05	3.72%
38	10383867	<i>Mtmr3</i>	-0.3	0.8	9.1	4.93E-05	4.08%
39	10391732	<i>Gpatch8</i>	-0.5	0.7	8.2	5.32E-05	4.16%
40	10520379	<i>Rbm33</i>	-0.3	0.8	8.8	5.33E-05	4.16%
41	10339954		-0.6	0.6	7.7	5.66E-05	4.16%
42	10424922	<i>Gpr172b</i>	0.5	1.4	9.8	5.83E-05	4.16%
43	10400089	<i>Gm889</i>	-0.6	0.7	6.6	5.87E-05	4.16%
44	10379866	<i>Car4</i>	0.5	1.5	12.4	5.87E-05	4.16%
45	10494335	<i>Otud7b</i>	-0.4	0.8	7.6	6.01E-05	4.16%
46	10364011	<i>Specc11</i>	-0.4	0.7	10.5	6.08E-05	4.16%
47	10390381	<i>Npepps</i>	-0.3	0.8	10.5	6.29E-05	4.20%
48	10353135	<i>Ncoa2</i>	-0.3	0.8	8.8	6.57E-05	4.20%
49	10437332	<i>Crebbp</i>	-0.4	0.8	10.6	6.67E-05	4.20%
50	10523021	<i>Slc4a4</i>	-0.4	0.7	10.8	6.78E-05	4.20%
51	10361660	<i>Lats1</i>	-0.3	0.8	10.1	6.90E-05	4.20%
52	10516735	<i>Tinagl1</i>	0.5	1.4	8.8	7.02E-05	4.20%
53	10389339	<i>Usp32</i>	-0.4	0.8	9.7	7.36E-05	4.20%
54	10394699	<i>Rock2</i>	-0.5	0.7	10.7	7.56E-05	4.20%
55	10355266	<i>Lancl1</i>	0.3	1.2	8.8	7.62E-05	4.20%
56	10548701	<i>Lrp6</i>	-0.4	0.8	9.6	7.81E-05	4.20%
57	10433660	<i>Bfar</i>	-0.4	0.7	8.5	7.82E-05	4.20%
58	10528723	<i>Mll3</i>	-0.3	0.8	9.5	7.98E-05	4.20%
59	10542378	<i>Atf7ip</i>	-0.4	0.8	10.2	7.99E-05	4.20%
60	10343853		-0.6	0.7	4.5	8.05E-05	4.20%
61	10357814	<i>Zc3h11a</i>	-0.3	0.8	10.0	8.23E-05	4.20%
62	10443027	<i>A930001N09Rik</i>	-1.0	0.5	8.9	8.44E-05	4.20%
63	10340318		0.7	1.7	10.5	8.73E-05	4.20%
64	10427015	<i>Acvr1b</i>	-0.4	0.8	9.1	8.80E-05	4.20%
65	10500847	<i>Magi3</i>	-0.5	0.7	9.6	8.81E-05	4.20%
66	10419343	<i>Atg14</i>	-0.5	0.7	7.9	8.82E-05	4.20%
67	10439239	<i>Dirc2</i>	-0.4	0.7	9.4	8.97E-05	4.21%
68	10362811	<i>Sesn1</i>	-0.7	0.6	10.9	9.32E-05	4.29%
69	10489253	<i>Zhx3</i>	-0.7	0.6	8.4	9.65E-05	4.29%
70	10444298	<i>H2-Eb1</i>	0.5	1.4	8.9	9.77E-05	4.29%
71	10469475	<i>Mllt10</i>	-0.3	0.8	9.4	9.79E-05	4.29%
72	10448748	<i>Nubp2</i>	0.4	1.3	9.7	9.93E-05	4.29%
73	10604393	<i>Elf4</i>	-0.4	0.8	9.1	9.96E-05	4.29%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
74	10587655	<i>Zfp949</i>	-0.7	0.6	8.5	1.03E-04	4.36%
75	10531420	<i>Cxcl11</i>	0.9	1.9	8.8	1.05E-04	4.38%
76	10584067	<i>Zbtb44</i>	-0.5	0.7	7.7	1.06E-04	4.38%
77	10593225	<i>Zbtb16</i>	-1.0	0.5	7.5	1.07E-04	4.38%
78	10457223	<i>2610005L07Rik</i>	-0.4	0.8	11.9	1.14E-04	4.57%
79	10353689	<i>Phf3</i>	-0.4	0.7	9.4	1.15E-04	4.57%
80	10413100	<i>Myst4</i>	-0.4	0.8	8.1	1.17E-04	4.60%
81	10341018		-1.4	0.4	4.2	1.20E-04	4.66%
82	10565547	<i>Pcf11</i>	-0.4	0.8	9.5	1.23E-04	4.69%
83	10577395	<i>2610005L07Rik</i>	-0.4	0.7	10.6	1.26E-04	4.69%
84	10401933		-1.1	0.5	8.4	1.28E-04	4.69%
85	10504759		-1.1	0.5	8.4	1.28E-04	4.69%
86	10556413	<i>Micalcl</i>	-0.6	0.7	8.0	1.28E-04	4.69%
87	10557213	<i>Rbbp6</i>	-0.3	0.8	8.7	1.37E-04	4.96%
88	10348864	<i>Thap4</i>	0.3	1.3	6.2	1.40E-04	4.96%
89	10453542		0.4	1.3	5.5	1.41E-04	4.96%
90	10521602	<i>Cpeb2</i>	-0.4	0.8	9.7	1.42E-04	4.96%
91	10545065	<i>Gprin3</i>	-0.5	0.7	8.8	1.46E-04	5.05%
92	10482880	<i>Baz2b</i>	-0.4	0.8	8.8	1.52E-04	5.16%
93	10341072		-0.6	0.6	7.5	1.53E-04	5.16%
94	10412100	<i>Map3k1</i>	-0.3	0.8	8.7	1.59E-04	5.31%
95	10555339	<i>C2cd3</i>	-0.3	0.8	8.3	1.61E-04	5.34%
96	10527575	<i>Pan3</i>	-0.3	0.8	9.4	1.63E-04	5.35%
97	10595404	<i>Fam46a</i>	-0.8	0.6	9.8	1.66E-04	5.39%
98	10402302	<i>Btbd7</i>	-0.3	0.8	8.9	1.68E-04	5.39%
99	10375313	<i>Ccnj1</i>	0.6	1.5	7.6	1.72E-04	5.47%
100	10454655	<i>Apc</i>	-0.3	0.8	9.7	1.79E-04	5.60%
101	10491056	<i>Tb11xr1</i>	-0.4	0.8	10.1	1.82E-04	5.60%
102	10403069	<i>Ighm</i>	1.7	3.3	8.8	1.84E-04	5.60%
103	10381018	<i>Msl1</i>	-0.3	0.8	9.4	1.86E-04	5.60%
104	10446656	<i>Lpin2</i>	-0.8	0.6	10.0	1.86E-04	5.60%
105	10497237	<i>Pag1</i>	-0.3	0.8	7.4	1.87E-04	5.60%
106	10571705	<i>Irf2</i>	-0.4	0.7	10.3	1.92E-04	5.65%
107	10549506	<i>Dennd5b</i>	-0.4	0.7	9.6	1.95E-04	5.65%
108	10342374		-0.4	0.8	7.1	1.95E-04	5.65%
109	10603708	<i>Cask</i>	-0.3	0.8	10.3	1.96E-04	5.65%
110	10397364	<i>Mfsd7c</i>	1.2	2.4	8.5	2.01E-04	5.71%
111	10464728	<i>Kdm2a</i>	-0.3	0.8	9.8	2.02E-04	5.71%
112	10553092	<i>Dbp</i>	-0.9	0.5	8.9	2.04E-04	5.73%
113	10509071	<i>9130219A07Rik</i>	-0.4	0.8	9.7	2.07E-04	5.77%
114	10342701		-0.8	0.6	4.8	2.23E-04	6.15%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
115	10369792	<i>Arid5b</i>	-0.7	0.6	8.7	2.26E-04	6.15%
116	10570875	<i>Myst3</i>	-0.3	0.8	9.3	2.29E-04	6.15%
117	10543067	<i>Asns</i>	0.9	1.9	10.6	2.29E-04	6.15%
118	10412260	<i>Fst</i>	0.7	1.6	7.1	2.33E-04	6.15%
119	10386455	<i>Rasd1</i>	0.7	1.6	7.0	2.34E-04	6.15%
120	10520048	<i>Mll5</i>	-0.3	0.8	9.7	2.34E-04	6.15%
121	10359582	<i>Fmo2</i>	-0.8	0.6	8.1	2.39E-04	6.20%
122	10380927	<i>Grb7</i>	-0.7	0.6	9.5	2.42E-04	6.25%
123	10497296	<i>Slc10a5</i>	-0.8	0.6	9.8	2.46E-04	6.28%
124	10393887	<i>Pycr1</i>	0.4	1.3	8.0	2.50E-04	6.34%
125	10344807	<i>Cspp1</i>	-0.3	0.8	7.7	2.64E-04	6.64%
126	10583100	<i>Mmp8</i>	0.3	1.3	4.3	2.73E-04	6.64%
127	10341075		0.5	1.4	6.6	2.74E-04	6.64%
128	10575160	<i>Nfat5</i>	-0.4	0.7	9.2	2.75E-04	6.64%
129	10552500	<i>Klk8</i>	0.3	1.3	6.6	2.78E-04	6.64%
130	10458430	<i>Diap1</i>	-0.4	0.8	9.1	2.81E-04	6.64%
131	10366586	<i>Ifng</i>	0.4	1.3	6.6	2.85E-04	6.64%
132	10464153	<i>Nhlrc2</i>	-0.3	0.8	9.1	2.85E-04	6.64%
133	10391742	<i>Gpatch8</i>	-0.4	0.7	9.6	2.86E-04	6.64%
134	10588577	<i>Cish</i>	0.5	1.4	7.5	2.86E-04	6.64%
135	10593103	<i>Rnf214</i>	-0.3	0.8	8.5	2.87E-04	6.64%
136	10449854	<i>Akap8l</i>	-0.3	0.8	8.0	2.89E-04	6.64%
137	10534921	<i>Mepce</i>	-0.3	0.8	8.1	2.90E-04	6.64%
138	10351047	<i>Cenpl</i>	-0.5	0.7	7.0	2.91E-04	6.64%
139	10475866	<i>Bcl2l11</i>	-0.4	0.7	7.2	2.96E-04	6.68%
140	10435832	<i>Gm608</i>	-0.4	0.8	8.8	2.98E-04	6.68%
141	10493758	<i>Gatad2b</i>	-0.4	0.8	10.4	3.03E-04	6.69%
142	10401997	<i>Ptpn21</i>	-0.5	0.7	7.7	3.03E-04	6.69%
143	10344821	<i>Cspp1</i>	-0.3	0.8	7.7	3.05E-04	6.69%
144	10412882	<i>Thrb</i>	-0.5	0.7	8.0	3.06E-04	6.69%
145	10341205		-0.6	0.7	6.8	3.38E-04	7.15%
146	10440406	<i>Nrip1</i>	-0.3	0.8	9.2	3.39E-04	7.15%
147	10592126	<i>Fam118b</i>	0.3	1.3	9.1	3.39E-04	7.15%
148	10399897	<i>Hbp1</i>	-0.6	0.6	9.9	3.40E-04	7.15%
149	10450640	<i>Mrps18b</i>	0.4	1.3	9.6	3.45E-04	7.15%
150	10596454	<i>Alas1</i>	0.4	1.3	10.4	3.49E-04	7.15%
151	10426507	<i>Arid2</i>	-0.3	0.8	9.7	3.52E-04	7.15%
152	10577412	<i>6820431F20Rik</i>	-0.4	0.8	11.9	3.57E-04	7.15%
153	10369738	<i>Sirt1</i>	-0.5	0.7	9.0	3.59E-04	7.15%
154	10498531	<i>Ccnl1</i>	-0.3	0.8	9.1	3.62E-04	7.15%
155	10540122	<i>Slc6a6</i>	-0.5	0.7	10.9	3.62E-04	7.15%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
156	10502565	<i>Clca2</i>	-0.5	0.7	9.2	3.62E-04	7.15%
157	10555303	<i>Pgm2l1</i>	-0.3	0.8	7.9	3.66E-04	7.15%
158	10459772	<i>Lipg</i>	0.5	1.4	7.9	3.67E-04	7.15%
159	10391348	<i>Fam134c</i>	-0.3	0.8	10.0	3.69E-04	7.15%
160	10587266	<i>Gclc</i>	-0.5	0.7	10.9	3.69E-04	7.15%
161	10344569		-0.6	0.6	6.4	3.70E-04	7.15%
162	10431284	<i>Brd1</i>	-0.3	0.8	9.1	3.72E-04	7.15%
163	10424804	<i>Exosc4</i>	0.3	1.2	7.4	3.74E-04	7.15%
164	10519420	<i>Akap9</i>	-0.5	0.7	9.5	3.80E-04	7.15%
165	10366881	<i>Ddit3</i>	-0.4	0.8	7.9	3.82E-04	7.15%
166	10416169	<i>Gnrh1</i>	-0.4	0.7	7.2	3.82E-04	7.15%
167	10417887	<i>Zmynd17</i>	-0.3	0.8	7.0	3.83E-04	7.15%
168	10430681	<i>Rps19bp1</i>	0.3	1.2	9.2	3.84E-04	7.15%
169	10392300	<i>Bptf</i>	-0.3	0.8	8.6	3.84E-04	7.15%
170	10339709		-0.7	0.6	7.1	3.87E-04	7.16%
171	10607679	<i>Txlng</i>	-0.4	0.7	9.6	3.90E-04	7.16%
172	10529264	<i>Spon2</i>	0.7	1.7	7.7	3.91E-04	7.16%
173	10594404	<i>Smad3</i>	-0.3	0.8	8.8	4.00E-04	7.23%
174	10458098	<i>Pkd2l2</i>	-0.5	0.7	9.5	4.01E-04	7.23%
175	10403680	<i>Arid4b</i>	-0.4	0.8	8.9	4.05E-04	7.23%
176	10392318	<i>Bptf</i>	-0.4	0.8	8.8	4.06E-04	7.23%
177	10569017	<i>Ifitm3</i>	0.5	1.4	11.4	4.18E-04	7.23%
178	10456579	<i>Mex3c</i>	-0.3	0.8	10.4	4.18E-04	7.23%
179	10381049	<i>Rapgef1l</i>	-0.4	0.8	7.6	4.18E-04	7.23%
180	10456357	<i>Pmaip1</i>	-0.8	0.6	8.7	4.19E-04	7.23%
181	10349868	<i>Ppp1r15b</i>	-0.3	0.8	9.5	4.20E-04	7.23%
182	10380116	<i>Rnf43</i>	-0.6	0.7	8.5	4.20E-04	7.23%
183	10493555	<i>Kcnn3</i>	-0.3	0.8	7.4	4.20E-04	7.23%
184	10462363	<i>Jak2</i>	-0.4	0.8	10.8	4.30E-04	7.28%
185	10345241	<i>Dst</i>	-0.3	0.8	8.8	4.32E-04	7.28%
186	10396800	<i>Plekhh1</i>	-0.6	0.7	8.6	4.33E-04	7.28%
187	10401935	<i>BC005685</i>	-1.5	0.4	9.6	4.38E-04	7.28%
188	10522051	<i>Klf3</i>	-0.4	0.8	10.2	4.39E-04	7.28%
189	10434302	<i>Klhl24</i>	-1.0	0.5	9.4	4.41E-04	7.28%
190	10359084	<i>Cep350</i>	-0.3	0.8	10.0	4.43E-04	7.28%
191	10342980		0.5	1.4	7.7	4.43E-04	7.28%
192	10538892		-1.1	0.5	7.7	4.44E-04	7.28%
193	10538901	<i>BC005685</i>	-1.5	0.4	9.7	4.52E-04	7.37%
194	10508805	<i>Wasf2</i>	-0.3	0.8	10.2	4.64E-04	7.51%
195	10390574	<i>Fbxl20</i>	-0.5	0.7	8.3	4.65E-04	7.51%
196	10462091	<i>Klf9</i>	-0.3	0.8	8.8	4.68E-04	7.51%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
197	10513008	<i>Klf4</i>	-0.3	0.8	10.2	4.76E-04	7.60%
198	10571036	<i>Ppapdc1b</i>	0.3	1.2	9.9	4.79E-04	7.61%
199	10482045		0.4	1.3	4.1	4.84E-04	7.66%
200	10504755		-1.5	0.4	10.4	4.93E-04	7.71%
201	10338271		-0.8	0.6	6.6	4.94E-04	7.71%
202	10504757	<i>BC005685</i>	-1.4	0.4	9.8	4.95E-04	7.71%
203	10423520	<i>Sema5a</i>	-0.5	0.7	9.1	5.01E-04	7.75%
204	10436958	<i>Clic6</i>	-0.5	0.7	7.6	5.03E-04	7.75%
205	10482177	<i>Strbp</i>	-0.3	0.8	9.7	5.12E-04	7.78%
206	10427538	<i>Nipbl</i>	-0.3	0.8	9.9	5.12E-04	7.78%
207	10381063	<i>Wipf2</i>	-0.4	0.8	9.2	5.13E-04	7.78%
208	10394209	<i>Dnmt3a</i>	-0.2	0.8	7.9	5.25E-04	7.78%
209	10375559		-0.4	0.7	4.3	5.27E-04	7.78%
210	10342349		0.5	1.4	11.9	5.31E-04	7.78%
211	10554475	<i>Zfp592</i>	-0.3	0.8	8.9	5.31E-04	7.78%
212	10361787		0.4	1.3	6.6	5.41E-04	7.78%
213	10417599		-0.6	0.7	8.7	5.45E-04	7.78%
214	10421524		-0.6	0.7	8.7	5.45E-04	7.78%
215	10436826		-0.6	0.7	8.7	5.45E-04	7.78%
216	10476658		-0.6	0.7	8.7	5.45E-04	7.78%
217	10579823		-0.6	0.7	8.7	5.45E-04	7.78%
218	10582845		-0.6	0.7	8.7	5.45E-04	7.78%
219	10476702	<i>Sec23b</i>	0.3	1.3	10.6	5.45E-04	7.78%
220	10420823	<i>Hmbox1</i>	-0.3	0.8	8.4	5.45E-04	7.78%
221	10384423	<i>Cobl</i>	-0.5	0.7	10.1	5.47E-04	7.78%
222	10523647	<i>Aff1</i>	-0.3	0.8	9.2	5.49E-04	7.78%
223	10567316	<i>Tmc7</i>	-0.8	0.6	8.2	5.69E-04	8.02%
224	10498064	<i>Setd7</i>	-0.4	0.8	8.4	5.71E-04	8.02%
225	10340614		-0.8	0.6	6.3	5.84E-04	8.06%
226	10400718	<i>Sos2</i>	-0.4	0.8	9.6	5.85E-04	8.06%
227	10390841	<i>Krt12</i>	-0.5	0.7	7.9	5.86E-04	8.06%
228	10344799	<i>Cspp1</i>	-0.3	0.8	8.8	5.87E-04	8.06%
229	10480381	<i>Arhgap21</i>	-0.3	0.8	9.5	5.89E-04	8.06%
230	10373467	<i>ErbB3</i>	-0.5	0.7	11.0	5.90E-04	8.06%
231	10526726	<i>Zkscan1</i>	-0.2	0.8	9.4	5.94E-04	8.09%
232	10488147	<i>Flrt3</i>	-0.4	0.7	8.3	6.01E-04	8.14%
233	10527538	<i>Rasl11a</i>	0.4	1.4	7.2	6.09E-04	8.20%
234	10521950	<i>Stim2</i>	-0.3	0.8	9.0	6.12E-04	8.20%
235	10435031	<i>Ubxn7</i>	-0.5	0.7	8.5	6.17E-04	8.20%
236	10355730	<i>1810031K17Rik</i>	-0.4	0.8	8.6	6.18E-04	8.20%
237	10514892	<i>2210012G02Rik</i>	-0.3	0.8	5.0	6.18E-04	8.20%

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238	10513145	<i>Ptpn3</i>	-0.5	0.7	8.9	6.20E-04	8.20%
239	10451039	<i>Slc25a27</i>	-0.3	0.8	6.7	6.32E-04	8.31%
240	10342451		-0.5	0.7	7.4	6.36E-04	8.31%
241	10493640	<i>Nup210l</i>	-0.2	0.8	5.8	6.36E-04	8.31%
242	10471201	<i>Abl1</i>	-0.3	0.8	9.2	6.46E-04	8.39%
243	10474522	<i>Olfr1317</i>	0.3	1.2	3.7	6.49E-04	8.39%
244	10488879	<i>Gss</i>	-0.3	0.8	9.5	6.52E-04	8.39%
245	10375051	<i>Hba-a1</i>	1.3	2.5	9.6	6.55E-04	8.39%
246	10460057	<i>Tshz1</i>	-0.3	0.8	7.8	6.56E-04	8.39%
247	10342851		-0.6	0.6	6.9	6.68E-04	8.48%
248	10369989	<i>Ddt</i>	0.3	1.2	8.6	6.69E-04	8.48%
249	10339234		0.9	1.8	4.7	6.71E-04	8.48%
250	10389786	<i>Hlf</i>	-0.7	0.6	7.0	6.76E-04	8.50%
251	10582458	<i>Ankrd11</i>	-0.3	0.8	7.8	6.82E-04	8.55%
252	10588927	<i>1700102P08Rik</i>	-0.3	0.8	5.6	7.02E-04	8.71%
253	10457250	<i>Arhgap12</i>	-0.5	0.7	9.1	7.03E-04	8.71%
254	10356406	<i>Ngef</i>	-0.4	0.8	8.0	7.04E-04	8.71%
255	10338536		-0.9	0.5	5.6	7.11E-04	8.75%
256	10401192	<i>Zfyve26</i>	-0.3	0.8	7.7	7.12E-04	8.75%
257	10350349	<i>Dennd1b</i>	-0.3	0.8	9.9	7.19E-04	8.80%
258	10342427		-0.8	0.6	5.2	7.22E-04	8.80%
259	10466441	<i>Vps13a</i>	-0.4	0.8	9.3	7.27E-04	8.82%
260	10571530	<i>Fat1</i>	-0.3	0.8	10.4	7.30E-04	8.82%
261	10375216	<i>Pank3</i>	-0.5	0.7	10.4	7.32E-04	8.82%
262	10341765		-0.6	0.7	8.1	7.62E-04	9.15%
263	10385903	<i>Pdlim4</i>	0.2	1.2	6.9	7.77E-04	9.28%
264	10343096		-0.7	0.6	6.0	7.81E-04	9.28%
265	10350594	<i>Ivns1abp</i>	-0.3	0.8	11.3	7.83E-04	9.28%
266	10386821		-0.3	0.8	7.6	7.85E-04	9.28%
267	10353450	<i>Gm4956</i>	-0.2	0.8	5.1	7.91E-04	9.32%
268	10341971		-0.4	0.7	10.2	7.98E-04	9.37%
269	10534168	<i>Auts2</i>	-0.3	0.8	7.5	8.05E-04	9.38%
270	10503244		0.2	1.2	6.5	8.05E-04	9.38%
271	10449926	<i>Zfp799</i>	-0.4	0.8	7.2	8.09E-04	9.39%
272	10435075	<i>Tfrc</i>	0.4	1.3	10.3	8.14E-04	9.41%
273	10471978	<i>Epc2</i>	-0.4	0.7	9.2	8.21E-04	9.41%
274	10590972	<i>Mif</i>	0.4	1.3	10.7	8.23E-04	9.41%
275	10523752	<i>Txlng</i>	-0.4	0.7	9.4	8.26E-04	9.41%
276	10546476	<i>Magil</i>	-0.3	0.8	8.4	8.26E-04	9.41%
277	10375980	<i>Aff4</i>	-0.2	0.8	10.9	8.29E-04	9.41%
278	10363146	<i>Slc35f1</i>	-0.3	0.8	5.7	8.39E-04	9.43%

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279	10382935	<i>Tnrc6c</i>	-0.2	0.8	8.0	8.39E-04	9.43%
280	10571162	<i>Eif4ebp1</i>	0.5	1.4	8.9	8.39E-04	9.43%
281	10359082	<i>Cep350</i>	-0.4	0.8	10.3	8.42E-04	9.43%
282	10576696	<i>Insr</i>	-0.5	0.7	8.7	8.55E-04	9.54%
283	10588192	<i>Msl2</i>	-0.3	0.8	11.1	8.60E-04	9.56%
284	10449510	<i>4930539E08Rik</i>	-0.5	0.7	8.5	8.69E-04	9.61%
285	10436209	<i>Cblb</i>	-0.3	0.8	8.7	8.71E-04	9.61%
286	10375322		0.3	1.2	6.8	8.79E-04	9.66%
287	10476033	<i>Stk35</i>	-0.3	0.8	9.1	8.83E-04	9.66%
288	10545298	<i>Rmnd5a</i>	-0.5	0.7	9.6	8.85E-04	9.66%
289	10375058	<i>Hba-a2</i>	1.3	2.5	9.4	8.87E-04	9.66%
290	10520862	<i>Fosl2</i>	-0.5	0.7	9.4	8.95E-04	9.67%
291	10412624	<i>Pxk</i>	-0.3	0.8	10.1	8.95E-04	9.67%
292	10470388	<i>5930434B04Rik</i>	0.4	1.3	7.5	9.04E-04	9.74%
293	10589565	<i>Setd2</i>	-0.3	0.8	9.0	9.09E-04	9.76%
294	10485048	<i>Atg13</i>	-0.3	0.8	9.3	9.13E-04	9.77%
295	10510552	<i>Rere</i>	-0.3	0.8	9.3	9.25E-04	9.79%
296	10501860	<i>Fnbp1l</i>	-0.5	0.7	10.1	9.26E-04	9.79%
297	10506004	<i>Hook1</i>	-0.3	0.8	10.4	9.31E-04	9.79%
298	10370931	<i>Mknk2</i>	-0.3	0.8	9.0	9.33E-04	9.79%
299	10559509	<i>Cdc42ep5</i>	-0.4	0.8	10.1	9.33E-04	9.79%
300	10481830	<i>Zbtb43</i>	-0.3	0.8	8.5	9.35E-04	9.79%
301	10534395	<i>Cldn4</i>	-0.7	0.6	10.1	9.37E-04	9.79%
302	10596267	<i>Dnajc13</i>	-0.3	0.8	9.9	9.41E-04	9.80%
303	10380549		-0.4	0.8	5.8	9.52E-04	9.88%
304	10368886		-0.5	0.7	9.3	9.60E-04	9.91%
305	10494092	<i>Pogz</i>	-0.2	0.9	8.1	9.61E-04	9.91%
306	10556266	<i>Wee1</i>	-0.6	0.7	9.1	9.74E-04	10.01%
307	10404928	<i>C78339</i>	-0.3	0.8	10.3	9.88E-04	10.13%
308	10340146		-0.8	0.6	4.6	9.96E-04	10.15%
309	10552964	<i>Ftl1</i>	0.5	1.4	9.3	9.97E-04	10.15%
310	10365870	<i>Nr2c1</i>	-0.3	0.8	8.1	1.00E-03	10.15%
311	10421526	<i>Rb1</i>	-0.3	0.8	10.7	1.01E-03	10.25%
312	10400095	<i>Ifrd1</i>	-0.8	0.6	9.8	1.02E-03	10.26%
313	10576971	<i>Irs2</i>	-0.5	0.7	8.0	1.03E-03	10.31%
314	10343570		-0.3	0.8	8.9	1.03E-03	10.36%
315	10339455		-0.3	0.8	12.1	1.04E-03	10.36%
316	10415576	<i>Zmym2</i>	-0.4	0.8	9.7	1.04E-03	10.36%
317	10344658	<i>Rb1cc1</i>	-0.4	0.8	9.0	1.04E-03	10.36%
318	10367843	<i>Utrn</i>	-0.3	0.8	9.5	1.06E-03	10.45%
319	10507657	<i>Foxj3</i>	-0.3	0.8	9.3	1.06E-03	10.47%

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320	10402795	<i>Cdca4</i>	0.2	1.2	9.2	1.07E-03	10.52%
321	10417053	<i>Mbnl2</i>	-0.3	0.8	11.3	1.08E-03	10.59%
322	10342274		-0.6	0.7	6.4	1.08E-03	10.59%
323	10369752	<i>Lrrtm3</i>	-0.3	0.8	6.2	1.09E-03	10.59%
324	10413220		-0.4	0.8	11.7	1.09E-03	10.59%
325	10343024		-0.3	0.8	9.3	1.09E-03	10.59%
326	10468653	<i>A630007B06Rik</i>	-0.4	0.8	8.7	1.10E-03	10.59%
327	10420348	<i>Zmym5</i>	-0.5	0.7	9.8	1.13E-03	10.84%
328	10585099	<i>Usp28</i>	-0.4	0.8	7.7	1.13E-03	10.84%
329	10424213	<i>Zhx2</i>	-0.3	0.8	8.1	1.14E-03	10.84%
330	10357480	<i>Daf2</i>	-0.8	0.6	6.1	1.14E-03	10.84%
331	10503570	<i>Sfrs18</i>	-0.3	0.8	9.6	1.14E-03	10.86%
332	10395005	<i>Kidins220</i>	-0.3	0.8	9.5	1.16E-03	10.96%
333	10559644	<i>Tmem150b</i>	-0.3	0.8	8.6	1.16E-03	10.97%
334	10456291	<i>Mir122a</i>	0.3	1.2	5.7	1.16E-03	10.97%
335	10368888		-0.4	0.8	8.8	1.17E-03	11.03%
336	10490845	<i>Chmp4c</i>	-0.4	0.7	9.9	1.18E-03	11.08%
337	10352166	<i>Cnst</i>	-0.3	0.8	8.3	1.19E-03	11.08%
338	10340567		-0.8	0.6	6.9	1.19E-03	11.11%
339	10449914	<i>Zfp871</i>	-0.4	0.7	10.0	1.20E-03	11.14%
340	10560709	<i>Pvr</i>	-0.4	0.8	8.7	1.21E-03	11.17%
341	10595070	<i>Fam83b</i>	-0.5	0.7	10.8	1.22E-03	11.18%
342	10397557		0.3	1.2	2.7	1.22E-03	11.18%
343	10382508	<i>Ict1</i>	0.3	1.2	9.1	1.22E-03	11.18%
344	10387316	<i>Chd3</i>	-0.5	0.7	9.3	1.23E-03	11.21%
345	10514896	<i>2210012G02Rik</i>	-0.4	0.7	7.7	1.23E-03	11.21%
346	10491962	<i>Foxo1</i>	-0.3	0.8	9.0	1.24E-03	11.28%
347	10588007	<i>Tfdp2</i>	-0.4	0.7	9.8	1.24E-03	11.28%
348	10402066	<i>Foxn3</i>	-0.4	0.7	8.3	1.25E-03	11.30%
349	10458569	<i>Nr3c1</i>	-0.3	0.8	9.9	1.26E-03	11.32%
350	10357875	<i>Btg2</i>	-0.4	0.8	9.8	1.26E-03	11.32%
351	10387588	<i>Polr2a</i>	-0.3	0.8	9.8	1.27E-03	11.32%
352	10492174	<i>Tm4sf4</i>	-1.1	0.5	10.7	1.27E-03	11.32%
353	10569513	<i>Osbpl5</i>	0.4	1.3	8.2	1.27E-03	11.32%
354	10376144	<i>Fnip1</i>	-0.6	0.7	9.5	1.28E-03	11.36%
355	10406254	<i>Ell2</i>	-0.4	0.7	10.3	1.28E-03	11.36%
356	10513912	<i>Aldoart1</i>	0.4	1.3	6.0	1.29E-03	11.36%
357	10447461	<i>Ston1</i>	-0.4	0.7	6.6	1.29E-03	11.36%
358	10341443		0.5	1.4	8.5	1.29E-03	11.36%
359	10576692	<i>Insr</i>	-0.6	0.7	9.9	1.31E-03	11.40%
360	10439321	<i>Slc15a2</i>	-0.4	0.7	8.0	1.31E-03	11.40%

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361	10403073	<i>Ighg</i>	1.2	2.2	7.7	1.31E-03	11.40%
362	10375820	<i>Clk4</i>	-0.4	0.8	9.6	1.31E-03	11.40%
363	10391990	<i>1700081L11Rik</i>	-0.2	0.9	8.6	1.33E-03	11.48%
364	10340253		-0.7	0.6	5.5	1.33E-03	11.48%
365	10491038	<i>Tbllxr1</i>	-0.2	0.8	10.2	1.33E-03	11.49%
366	10378409		0.5	1.4	3.6	1.34E-03	11.53%
367	10457302	<i>Epc1</i>	-0.3	0.8	9.1	1.36E-03	11.65%
368	10358490	<i>Hmcn1</i>	-0.3	0.8	6.6	1.37E-03	11.65%
369	10340076		-0.5	0.7	7.1	1.37E-03	11.65%
370	10500614	<i>Man1a2</i>	-0.3	0.8	10.0	1.37E-03	11.65%
371	10387111	<i>2310004I24Rik</i>	-0.7	0.6	8.6	1.37E-03	11.65%
372	10345855	<i>Slc9a2</i>	-0.3	0.8	10.8	1.39E-03	11.75%
373	10557206	<i>Rbbp6</i>	-0.3	0.8	9.0	1.40E-03	11.84%
374	10343065		-0.8	0.6	6.0	1.42E-03	11.92%
375	10578810	<i>Clcn3</i>	-0.3	0.8	9.5	1.42E-03	11.92%
376	10489512	<i>Wfdc8</i>	0.4	1.3	4.9	1.42E-03	11.92%
377	10521830	<i>Slc35a4</i>	0.3	1.2	10.6	1.44E-03	11.97%
378	10608719	<i>Plekhn1</i>	0.5	1.4	8.6	1.44E-03	11.97%
379	10440050	<i>Tbc1d23</i>	-0.3	0.8	9.7	1.44E-03	11.97%
380	10443598	<i>Dnahc8</i>	-0.3	0.8	6.5	1.45E-03	11.97%
381	10525555	<i>Mlxip</i>	-0.4	0.8	9.1	1.45E-03	11.97%
382	10351504		-0.6	0.7	4.7	1.46E-03	12.05%
383	10344269		0.5	1.4	6.5	1.47E-03	12.05%
384	10561806	<i>Mif</i>	0.3	1.3	10.0	1.48E-03	12.08%
385	10377889	<i>Mink1</i>	-0.3	0.8	9.0	1.48E-03	12.10%
386	10340867		-0.4	0.7	7.4	1.49E-03	12.12%
387	10446109	<i>Safb</i>	-0.3	0.8	8.3	1.49E-03	12.12%
388	10454512		-0.3	0.8	5.7	1.50E-03	12.12%
389	10435714	<i>Tmem39a</i>	0.4	1.3	9.7	1.50E-03	12.12%
390	10359050	<i>Cep350</i>	-0.3	0.8	10.1	1.51E-03	12.12%
391	10447799	<i>Igf2r</i>	-0.3	0.8	9.0	1.51E-03	12.12%
392	10340423		-0.5	0.7	9.2	1.51E-03	12.12%
393	10608692	<i>Rn4.5s</i>	0.4	1.3	10.6	1.52E-03	12.13%
394	10555438	<i>Fchsd2</i>	-0.8	0.6	9.8	1.53E-03	12.13%
395	10342709		-0.5	0.7	8.0	1.53E-03	12.13%
396	10592342	<i>Tbrg1</i>	0.2	1.2	11.7	1.53E-03	12.13%
397	10338987		-0.3	0.8	10.4	1.53E-03	12.13%
398	10575578	<i>Pdpr</i>	-0.2	0.9	8.3	1.54E-03	12.15%
399	10548300	<i>4930431A04Rik</i>	0.6	1.5	6.7	1.56E-03	12.24%
400	10489266	<i>Chd6</i>	-0.3	0.8	8.0	1.56E-03	12.24%
401	10394288	<i>Itsn2</i>	-0.3	0.8	8.9	1.58E-03	12.40%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
402	10403063	<i>Igh-VJ558</i>	0.9	1.8	11.0	1.59E-03	12.46%
403	10349872		-0.3	0.8	8.9	1.60E-03	12.46%
404	10370021	<i>Mif</i>	0.3	1.3	9.9	1.61E-03	12.51%
405	10357535	<i>Pfkfb2</i>	-0.3	0.8	9.3	1.61E-03	12.52%
406	10566578	<i>Gm8979</i>	-0.4	0.7	11.4	1.63E-03	12.59%
407	10492341	<i>Arhgef26</i>	-0.5	0.7	9.0	1.63E-03	12.59%
408	10456745	<i>Smad7</i>	-0.4	0.8	8.9	1.64E-03	12.59%
409	10493009	<i>Arhgef11</i>	-0.2	0.9	9.1	1.64E-03	12.59%
410	10499652		-0.2	0.8	7.3	1.66E-03	12.72%
411	10538394	<i>Plekha8</i>	-0.5	0.7	9.2	1.66E-03	12.72%
412	10535659	<i>Cyp3a16</i>	0.9	1.9	3.8	1.67E-03	12.73%
413	10469581	<i>Etl4</i>	-0.5	0.7	8.9	1.67E-03	12.73%
414	10589099	<i>Ip6k2</i>	-0.4	0.7	8.0	1.67E-03	12.73%
415	10403312	<i>Akr1c19</i>	-1.3	0.4	9.8	1.68E-03	12.73%
416	10566564	<i>Mrpl17</i>	0.3	1.2	8.2	1.69E-03	12.76%
417	10394381	<i>Atad2b</i>	-0.4	0.8	8.8	1.70E-03	12.83%
418	10391378	<i>Ezh1</i>	-0.2	0.9	9.1	1.71E-03	12.85%
419	10485170	<i>Cry2</i>	-0.4	0.7	7.8	1.71E-03	12.85%
420	10592471	<i>Gramd1b</i>	-0.6	0.7	9.8	1.73E-03	12.93%
421	10542885	<i>2810474O19Rik</i>	-0.4	0.8	9.5	1.74E-03	12.99%
422	10383708	<i>Rnf185</i>	0.2	1.2	8.5	1.75E-03	13.02%
423	10559790	<i>Zim1</i>	0.3	1.2	5.4	1.75E-03	13.03%
424	10571958	<i>Sh3rf1</i>	-0.3	0.8	8.8	1.76E-03	13.06%
425	10513152	<i>Ptpn3</i>	-0.4	0.7	8.5	1.78E-03	13.12%
426	10530666	<i>Lnx1</i>	-0.3	0.8	7.9	1.78E-03	13.12%
427	10488912	<i>Edem2</i>	0.3	1.2	9.3	1.78E-03	13.12%
428	10339653		-0.3	0.8	11.1	1.79E-03	13.12%
429	10567229	<i>Smg1</i>	-0.3	0.8	10.4	1.79E-03	13.12%
430	10574141	<i>Nlrc5</i>	0.3	1.2	8.0	1.80E-03	13.12%
431	10362294	<i>Arhgap18</i>	-0.4	0.8	9.8	1.80E-03	13.12%
432	10486712	<i>Zscan29</i>	-0.3	0.8	7.4	1.81E-03	13.12%
433	10387855	<i>Alox15</i>	0.5	1.4	6.5	1.81E-03	13.12%
434	10471953	<i>Acvr2a</i>	-0.4	0.8	9.1	1.82E-03	13.12%
435	10441400	<i>Arid1b</i>	-0.2	0.8	9.3	1.82E-03	13.12%
436	10465220	<i>Sssca1</i>	0.4	1.3	9.3	1.82E-03	13.12%
437	10343633		-0.3	0.8	9.5	1.83E-03	13.19%
438	10567134	<i>Plekha7</i>	-0.2	0.8	8.4	1.85E-03	13.19%
439	10556463	<i>Arntl</i>	0.6	1.5	8.1	1.85E-03	13.19%
440	10502273		-0.4	0.7	8.3	1.85E-03	13.19%
441	10538890		-1.1	0.5	7.8	1.85E-03	13.19%
442	10389451	<i>Med13</i>	-0.2	0.9	11.0	1.86E-03	13.19%

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443	10513139	<i>Ptpn3</i>	-0.4	0.7	8.3	1.86E-03	13.19%
444	10357133		0.5	1.4	6.6	1.87E-03	13.19%
445	10490053	<i>Zfp217</i>	-0.3	0.8	8.1	1.87E-03	13.19%
446	10354816	<i>Clk1</i>	-0.5	0.7	10.5	1.88E-03	13.28%
447	10339125		0.4	1.3	6.3	1.89E-03	13.28%
448	10411782	<i>Pik3r1</i>	-0.3	0.8	10.4	1.90E-03	13.34%
449	10594988	<i>Mapk6</i>	-0.4	0.7	10.8	1.91E-03	13.39%
450	10537728	<i>Casp2</i>	-0.2	0.8	9.2	1.96E-03	13.65%
451	10429957	<i>Fbxl6</i>	0.3	1.2	8.6	1.96E-03	13.65%
452	10547088	<i>Mbd4</i>	-0.5	0.7	7.3	1.99E-03	13.85%
453	10595529	<i>4922501C03Rik</i>	-0.4	0.8	7.0	2.00E-03	13.86%
454	10338458		-0.5	0.7	7.3	2.00E-03	13.89%
455	10339698		-1.2	0.4	3.6	2.01E-03	13.89%
456	10377859	<i>Pld2</i>	-0.3	0.8	7.8	2.02E-03	13.96%
457	10341481		-0.5	0.7	5.5	2.04E-03	14.03%
458	10343405		0.4	1.3	9.2	2.04E-03	14.03%
459	10542302	<i>Crebl2</i>	-0.4	0.8	8.2	2.05E-03	14.03%
460	10413185	<i>Zmiz1</i>	-0.3	0.8	9.8	2.06E-03	14.07%
461	10385495	<i>Cdk2ap1</i>	0.3	1.2	10.8	2.06E-03	14.09%
462	10594613	<i>Usp3</i>	-0.2	0.9	9.9	2.08E-03	14.16%
463	10467871	<i>Dnmbp</i>	-0.3	0.8	9.4	2.09E-03	14.17%
464	10492330	<i>P2ry1</i>	-0.3	0.8	9.4	2.10E-03	14.23%
465	10586017	<i>Uaca</i>	-0.4	0.8	8.9	2.11E-03	14.23%
466	10537509	<i>Mgam</i>	-0.3	0.8	12.9	2.12E-03	14.23%
467	10510462	<i>Trmt112</i>	0.3	1.2	10.6	2.12E-03	14.23%
468	10338273		-0.6	0.6	8.7	2.12E-03	14.23%
469	10540795	<i>Irak2</i>	-0.3	0.8	9.7	2.13E-03	14.27%
470	10340101		-0.6	0.6	5.5	2.13E-03	14.27%
471	10440926	<i>Dnajc28</i>	-0.4	0.8	6.6	2.15E-03	14.34%
472	10586284	<i>Dpp8</i>	-0.2	0.9	10.3	2.16E-03	14.34%
473	10441115	<i>Brwd1</i>	-0.3	0.8	8.3	2.16E-03	14.34%
474	10577954	<i>Rab11fip1</i>	-0.3	0.8	10.0	2.16E-03	14.34%
475	10526319	<i>Baz1b</i>	-0.3	0.8	9.6	2.17E-03	14.36%
476	10469083	<i>Upf2</i>	-0.4	0.8	8.3	2.18E-03	14.39%
477	10551469	<i>Dyrk1b</i>	-0.3	0.8	8.6	2.21E-03	14.55%
478	10341920		-0.7	0.6	2.8	2.21E-03	14.55%
479	10503210	<i>Chd7</i>	-0.3	0.8	9.1	2.22E-03	14.58%
480	10438980	<i>Acap2</i>	-0.3	0.8	9.4	2.23E-03	14.59%
481	10451580	<i>Bysl</i>	0.3	1.3	7.1	2.25E-03	14.70%
482	10481654	<i>Fpgs</i>	0.3	1.2	7.2	2.25E-03	14.70%
483	10583228	<i>Fam76b</i>	-0.3	0.8	8.5	2.27E-03	14.81%

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484	10474006	<i>Phf21a</i>	-0.3	0.8	8.3	2.30E-03	14.91%
485	10515028	<i>Zfyve9</i>	-0.4	0.7	8.3	2.30E-03	14.91%
486	10338101		-0.5	0.7	7.6	2.31E-03	14.96%
487	10344154		-0.8	0.6	4.2	2.33E-03	15.03%
488	10395252	<i>2010109K11Rik</i>	-0.4	0.8	8.5	2.34E-03	15.04%
489	10384233	<i>Tns3</i>	-0.3	0.8	9.3	2.34E-03	15.04%
490	10542050	<i>Efcab4b</i>	-0.4	0.8	7.3	2.35E-03	15.06%
491	10458138	<i>Brd8</i>	-0.3	0.8	8.0	2.36E-03	15.11%
492	10517948	<i>Spn</i>	-0.3	0.8	9.1	2.37E-03	15.11%
493	10525464	<i>Orail</i>	0.2	1.2	8.1	2.38E-03	15.11%
494	10563338	<i>Ppp1r15a</i>	-0.2	0.8	6.9	2.38E-03	15.11%
495	10546349	<i>Xpc</i>	-0.2	0.9	7.3	2.39E-03	15.11%
496	10502214	<i>Cyp2u1</i>	-0.5	0.7	8.9	2.40E-03	15.11%
497	10548727	<i>D230041D01Rik</i>	-0.4	0.8	7.6	2.40E-03	15.11%
498	10401931		-0.9	0.5	6.8	2.40E-03	15.11%
499	10401937		-0.9	0.5	6.8	2.40E-03	15.11%
500	10396511	<i>Syne2</i>	-0.2	0.8	7.9	2.41E-03	15.11%
501	10343577		-0.4	0.7	8.6	2.41E-03	15.11%
502	10468668	<i>Afap1l2</i>	0.3	1.2	6.5	2.42E-03	15.11%
503	10531208	<i>Cox18</i>	0.2	1.2	10.0	2.42E-03	15.11%
504	10504761		-1.1	0.5	8.6	2.42E-03	15.11%
505	10433352	<i>Ubn1</i>	-0.2	0.8	8.1	2.43E-03	15.11%
506	10344392		0.3	1.2	9.4	2.45E-03	15.21%
507	10551431	<i>Zfp607</i>	-0.3	0.8	6.7	2.46E-03	15.24%
508	10524647	<i>Sppl3</i>	-0.2	0.9	9.8	2.46E-03	15.24%
509	10344577		-0.4	0.8	7.3	2.47E-03	15.24%
510	10519219	<i>Gltpd1</i>	0.3	1.2	8.3	2.47E-03	15.26%
511	10529041	<i>Preb</i>	0.3	1.2	10.1	2.50E-03	15.34%
512	10586816	<i>Sltm</i>	-0.3	0.8	8.9	2.51E-03	15.34%
513	10479975		-0.4	0.8	6.4	2.52E-03	15.34%
514	10535342	<i>Tnrc18</i>	-0.3	0.8	8.4	2.53E-03	15.34%
515	10601942	<i>Nrk</i>	0.3	1.3	4.9	2.53E-03	15.34%
516	10353549	<i>Fam135a</i>	-0.4	0.8	9.9	2.53E-03	15.34%
517	10538408	<i>2410066E13Rik</i>	-0.2	0.9	6.5	2.54E-03	15.34%
518	10363706	<i>Jmjd1c</i>	-0.3	0.8	10.0	2.54E-03	15.34%
519	10490150	<i>Zbp1</i>	0.6	1.5	10.1	2.54E-03	15.34%
520	10413697	<i>Pbrm1</i>	-0.2	0.9	8.6	2.55E-03	15.34%
521	10397083	<i>Rbm25</i>	-0.4	0.8	9.1	2.55E-03	15.34%
522	10384004	<i>Urgcp</i>	-0.2	0.9	8.6	2.55E-03	15.34%
523	10342347		-0.5	0.7	8.5	2.56E-03	15.34%
524	10491960		0.5	1.4	3.9	2.57E-03	15.34%

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525	10367349	<i>Smarcc2</i>	-0.2	0.9	9.5	2.57E-03	15.34%
526	10352690	<i>Angel2</i>	-0.2	0.9	9.6	2.58E-03	15.34%
527	10516910	<i>Phactr4</i>	-0.3	0.8	9.1	2.58E-03	15.34%
528	10413047	<i>Plau</i>	0.8	1.7	6.9	2.58E-03	15.34%
529	10457733	<i>B4galt6</i>	-0.4	0.8	10.7	2.58E-03	15.34%
530	10503184	<i>Chd7</i>	-0.3	0.8	9.4	2.58E-03	15.34%
531	10343623		0.5	1.4	9.6	2.60E-03	15.38%
532	10343032		-0.4	0.8	9.1	2.60E-03	15.38%
533	10566624	<i>Gm10081</i>	0.6	1.6	3.2	2.62E-03	15.47%
534	10340416		-0.7	0.6	5.5	2.64E-03	15.48%
535	10542395		-0.3	0.8	7.7	2.64E-03	15.48%
536	10342911		-0.3	0.8	10.4	2.64E-03	15.48%
537	10364093	<i>Derl3</i>	0.7	1.6	8.7	2.65E-03	15.48%
538	10449152	<i>Rab40c</i>	-0.2	0.9	8.2	2.65E-03	15.48%
539	10432190	<i>Adcy6</i>	-0.3	0.8	9.4	2.66E-03	15.48%
540	10440617		0.5	1.4	4.2	2.66E-03	15.48%
541	10450167	<i>Btn3a3</i>	-0.4	0.8	10.1	2.68E-03	15.57%
542	10350247	<i>Kif21b</i>	-0.4	0.7	8.2	2.69E-03	15.57%
543	10595402	<i>Fam46a</i>	-0.8	0.6	8.9	2.70E-03	15.57%
544	10485597	<i>Depdc7</i>	-0.6	0.7	8.7	2.70E-03	15.57%
545	10596769	<i>Rbm5</i>	-0.2	0.9	9.7	2.71E-03	15.57%
546	10463155	<i>Gm340</i>	-0.3	0.8	7.7	2.71E-03	15.57%
547	10572949	<i>Nr3c2</i>	-0.5	0.7	9.2	2.71E-03	15.57%
548	10500283	<i>Car14</i>	-0.4	0.8	6.4	2.72E-03	15.57%
549	10344459		-0.8	0.6	5.4	2.72E-03	15.57%
550	10488844	<i>Ncoa6</i>	-0.2	0.9	9.4	2.72E-03	15.57%
551	10450145	<i>Psmb9</i>	0.4	1.4	10.8	2.74E-03	15.63%
552	10438017	<i>Fgd4</i>	-0.3	0.8	9.1	2.75E-03	15.68%
553	10344241		0.5	1.4	9.0	2.76E-03	15.68%
554	10489204	<i>Tgm2</i>	0.4	1.3	9.7	2.77E-03	15.68%
555	10346562	<i>Cflar</i>	-0.3	0.8	8.3	2.77E-03	15.68%
556	10522802	<i>Ythdc1</i>	-0.3	0.8	9.6	2.77E-03	15.68%
557	10354168	<i>Tbc1d8</i>	-0.2	0.9	8.1	2.78E-03	15.68%
558	10503186	<i>Chd7</i>	-0.3	0.8	8.7	2.79E-03	15.68%
559	10586920	<i>Rfx7</i>	-0.3	0.8	8.5	2.79E-03	15.68%
560	10448416	<i>Kctd5</i>	0.4	1.3	10.2	2.80E-03	15.71%
561	10504753		-1.1	0.5	7.9	2.81E-03	15.76%
562	10546137	<i>Abtb1</i>	-0.3	0.8	7.5	2.82E-03	15.78%
563	10344082		-0.5	0.7	7.2	2.83E-03	15.82%
564	10494023	<i>Rorc</i>	-0.6	0.7	10.5	2.85E-03	15.82%
565	10503218	<i>Chd7</i>	-0.3	0.8	8.3	2.85E-03	15.82%

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566	10566583	<i>Gm8995</i>	-0.3	0.8	8.6	2.85E-03	15.82%
567	10601456	<i>Gm6377</i>	-0.5	0.7	5.3	2.85E-03	15.82%
568	10339004		-0.5	0.7	6.6	2.86E-03	15.84%
569	10532289	<i>Crlf2</i>	0.2	1.2	7.9	2.87E-03	15.84%
570	10381419	<i>Nbr1</i>	-0.2	0.8	10.4	2.88E-03	15.84%
571	10409684	<i>2210016F16Rik</i>	0.3	1.2	11.4	2.88E-03	15.84%
572	10384032	<i>Pold2</i>	0.2	1.2	10.0	2.88E-03	15.84%
573	10495243	<i>Gstm5</i>	-0.4	0.8	8.4	2.89E-03	15.84%
574	10435787		-0.4	0.8	6.5	2.90E-03	15.87%
575	10564290	<i>Klf13</i>	-0.2	0.9	7.9	2.90E-03	15.87%
576	10383532	<i>Narf</i>	-0.3	0.8	8.7	2.91E-03	15.87%
577	10342128		0.3	1.3	7.2	2.92E-03	15.91%
578	10488378	<i>Thbd</i>	0.4	1.4	8.1	2.94E-03	15.99%
579	10432032	<i>Vdr</i>	-0.4	0.8	11.8	2.95E-03	15.99%
580	10425354	<i>Mgat3</i>	-0.3	0.8	8.1	2.95E-03	15.99%
581	10354003	<i>Mgat4a</i>	-0.2	0.9	11.3	2.96E-03	15.99%
582	10490611	<i>Ptk6</i>	1.0	2.0	8.8	2.96E-03	15.99%
583	10380321	<i>Mbtd1</i>	-0.3	0.8	8.9	2.97E-03	16.03%
584	10350766	<i>Stx6</i>	0.2	1.2	8.3	2.99E-03	16.03%
585	10506058	<i>Inadl</i>	-0.2	0.9	9.4	2.99E-03	16.03%
586	10342134		0.5	1.4	6.8	2.99E-03	16.03%
587	10552071	<i>Fam187b</i>	-0.2	0.9	6.4	3.01E-03	16.03%
588	10538875		1.1	2.2	5.7	3.01E-03	16.03%
589	10383012	<i>Pgs1</i>	0.3	1.3	9.1	3.01E-03	16.03%
590	10354704	<i>Sf3b1</i>	-0.2	0.9	11.0	3.02E-03	16.03%
591	10556244	<i>Snora23</i>	0.6	1.5	9.4	3.03E-03	16.03%
592	10358654	<i>Hmcn1</i>	-0.3	0.8	7.2	3.03E-03	16.03%
593	10372745	<i>Dyrk2</i>	-0.3	0.8	9.1	3.03E-03	16.03%
594	10349559	<i>Yod1</i>	-0.4	0.8	8.3	3.03E-03	16.03%
595	10434224		0.3	1.2	6.9	3.03E-03	16.03%
596	10588691	<i>Hyal1</i>	-0.3	0.8	6.9	3.04E-03	16.04%
597	10604832	<i>Mir505</i>	-0.5	0.7	10.6	3.05E-03	16.05%
598	10594289	<i>Glce</i>	0.3	1.2	8.2	3.06E-03	16.07%
599	10575777	<i>4933407C03Rik</i>	-0.2	0.9	10.1	3.06E-03	16.07%
600	10403352	<i>Klf6</i>	-0.6	0.7	10.6	3.07E-03	16.07%
601	10476939	<i>Zfp937</i>	-0.7	0.6	9.1	3.08E-03	16.07%
602	10547621	<i>Apobec1</i>	-0.4	0.8	9.5	3.08E-03	16.07%
603	10484837	<i>Olfir1248</i>	0.4	1.4	3.2	3.09E-03	16.07%
604	10452356	<i>Gpr108</i>	-0.3	0.8	8.6	3.09E-03	16.07%
605	10340406		-0.4	0.8	8.9	3.10E-03	16.07%
606	10551770	<i>Zfp30</i>	-0.2	0.9	6.4	3.10E-03	16.07%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
607	10426157	<i>Trabd</i>	0.3	1.3	8.9	3.12E-03	16.07%
608	10344074		-0.4	0.7	9.9	3.12E-03	16.07%
609	10485828	<i>Slc12a6</i>	-0.3	0.8	6.7	3.13E-03	16.07%
610	10384672	<i>Ahsa2</i>	-0.5	0.7	8.6	3.13E-03	16.07%
611	10496338	<i>Ppp3ca</i>	-0.3	0.8	9.5	3.13E-03	16.07%
612	10359339	<i>Rabgap1l</i>	-0.3	0.8	8.9	3.14E-03	16.07%
613	10403025		0.6	1.5	5.9	3.14E-03	16.07%
614	10565709	<i>B3gnt6</i>	0.5	1.4	6.6	3.14E-03	16.07%
615	10338763		-0.3	0.8	8.8	3.15E-03	16.07%
616	10454786	<i>Ctnna1</i>	-0.2	0.9	11.1	3.15E-03	16.07%
617	10557326	<i>Il4ra</i>	0.3	1.3	9.6	3.16E-03	16.07%
618	10407370	<i>4833420G17Rik</i>	-0.4	0.8	9.3	3.16E-03	16.07%
619	10338380		-0.3	0.8	9.8	3.16E-03	16.07%
620	10531284	<i>Trmt112</i>	0.3	1.2	10.6	3.18E-03	16.11%
621	10484747	<i>Olfr1182</i>	0.4	1.3	4.1	3.20E-03	16.21%
622	10428238	<i>Ubr5</i>	-0.2	0.9	9.6	3.21E-03	16.22%
623	10341160		-0.5	0.7	8.2	3.21E-03	16.22%
624	10491820	<i>3110057O12Rik</i>	-0.4	0.7	8.8	3.22E-03	16.22%
625	10509063	<i>Il22ra1</i>	-0.4	0.8	11.2	3.24E-03	16.32%
626	10545308	<i>Kdm3a</i>	-0.3	0.8	9.2	3.26E-03	16.34%
627	10533807	<i>Cdk2ap1</i>	0.2	1.2	10.6	3.28E-03	16.34%
628	10339722		-0.3	0.8	10.6	3.29E-03	16.34%
629	10479087	<i>Stx16</i>	-0.2	0.9	8.3	3.29E-03	16.34%
630	10564849	<i>2610034B18Rik</i>	0.3	1.2	10.4	3.29E-03	16.34%
631	10566254	<i>Hbb-b1</i>	1.2	2.4	10.3	3.29E-03	16.34%
632	10355141	<i>Klf7</i>	-0.2	0.9	8.0	3.30E-03	16.34%
633	10439455	<i>Adprh</i>	0.2	1.2	8.3	3.30E-03	16.34%
634	10403428	<i>Larp4b</i>	-0.3	0.8	10.7	3.30E-03	16.34%
635	10338480		-0.4	0.8	7.0	3.31E-03	16.34%
636	10593856	<i>C230081A13Rik</i>	-0.3	0.8	9.4	3.32E-03	16.34%
637	10495781	<i>Bcar3</i>	-0.3	0.8	9.4	3.32E-03	16.34%
638	10391746	<i>Gpatch8</i>	-0.4	0.8	9.5	3.32E-03	16.34%
639	10566571	<i>Gm8979</i>	-0.4	0.7	11.1	3.33E-03	16.34%
640	10541002	<i>D6Wsu116e</i>	-0.2	0.9	9.3	3.33E-03	16.34%
641	10406546		0.3	1.2	6.1	3.33E-03	16.34%
642	10501629	<i>Cdc14a</i>	-0.4	0.8	9.3	3.35E-03	16.42%
643	10414527	<i>Pnp2</i>	0.4	1.3	11.8	3.36E-03	16.42%
644	10560983	<i>Dedd2</i>	-0.2	0.8	7.8	3.37E-03	16.45%
645	10519333	<i>Fam133b</i>	-0.4	0.8	7.9	3.38E-03	16.45%
646	10340156		-0.5	0.7	8.1	3.38E-03	16.45%
647	10574151	<i>Nlrc5</i>	0.3	1.2	7.1	3.38E-03	16.45%

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648	10364984	<i>Zbtb7a</i>	-0.2	0.9	8.6	3.39E-03	16.47%
649	10435676	<i>Gsk3b</i>	-0.2	0.8	10.0	3.41E-03	16.51%
650	10402473	<i>Clmn</i>	-0.3	0.8	7.7	3.44E-03	16.54%
651	10398831	<i>Inf2</i>	0.4	1.4	7.4	3.44E-03	16.54%
652	10349404	<i>Mgat5</i>	-0.3	0.8	9.3	3.44E-03	16.54%
653	10578952	<i>BC030870</i>	-0.4	0.7	10.8	3.44E-03	16.54%
654	10578615	<i>Ing2</i>	-0.3	0.8	7.2	3.44E-03	16.54%
655	10540554	<i>Setd5</i>	-0.2	0.9	9.7	3.44E-03	16.54%
656	10403034		0.9	1.9	11.6	3.46E-03	16.55%
657	10446756	<i>Ypel5</i>	-0.3	0.8	8.3	3.47E-03	16.55%
658	10398408	<i>Mir376b</i>	0.3	1.2	3.2	3.47E-03	16.55%
659	10458130	<i>4933408B17Rik</i>	-0.3	0.8	4.5	3.47E-03	16.55%
660	10587085	<i>BC031353</i>	-0.3	0.8	7.4	3.47E-03	16.55%
661	10341139		-0.5	0.7	7.0	3.50E-03	16.62%
662	10347552	<i>Stk16</i>	0.2	1.2	10.5	3.50E-03	16.62%
663	10408197	<i>Hist1h2bh</i>	0.2	1.2	9.8	3.51E-03	16.64%
664	10372668	<i>Mdm2</i>	-0.4	0.7	9.3	3.55E-03	16.81%
665	10399228		0.3	1.2	7.2	3.56E-03	16.85%
666	10570013	<i>Abhd13</i>	-0.2	0.9	9.7	3.57E-03	16.86%
667	10474998		-0.3	0.8	6.3	3.58E-03	16.89%
668	10526211		-0.3	0.8	7.0	3.59E-03	16.92%
669	10584700	<i>Dpagt1</i>	0.3	1.3	9.1	3.61E-03	16.99%
670	10456363	<i>Gnal</i>	-0.3	0.8	5.6	3.65E-03	17.12%
671	10397277	<i>Fcfl</i>	-0.3	0.8	7.3	3.66E-03	17.12%
672	10386789	<i>Ulk2</i>	-0.3	0.8	7.8	3.66E-03	17.12%
673	10405619	<i>5133401N09Rik</i>	0.2	1.2	10.4	3.67E-03	17.12%
674	10375515	<i>Ifi47</i>	0.7	1.6	9.0	3.67E-03	17.12%
675	10407892	<i>Cdk13</i>	-0.2	0.9	9.6	3.68E-03	17.12%
676	10414514	<i>Pnp</i>	0.4	1.4	11.0	3.69E-03	17.12%
677	10340684		-0.4	0.8	7.9	3.69E-03	17.12%
678	10341681		-0.3	0.8	11.0	3.69E-03	17.12%
679	10573637	<i>Phkb</i>	-0.2	0.8	9.1	3.70E-03	17.14%
680	10422067	<i>Fbxl3</i>	-0.5	0.7	9.7	3.71E-03	17.15%
681	10348201	<i>Gigyf2</i>	-0.2	0.9	9.5	3.72E-03	17.15%
682	10582879	<i>Csprs</i>	0.4	1.4	6.3	3.73E-03	17.15%
683	10343017		-0.6	0.7	5.6	3.73E-03	17.15%
684	10433656	<i>Mkl2</i>	-0.3	0.8	9.0	3.73E-03	17.15%
685	10528038	<i>Adam22</i>	-0.2	0.9	5.7	3.75E-03	17.17%
686	10595126	<i>Fbxo9</i>	-0.3	0.8	8.6	3.75E-03	17.17%
687	10423963	<i>Eny2</i>	-0.2	0.9	9.9	3.76E-03	17.17%
688	10520111	<i>Nupl2</i>	0.2	1.2	7.4	3.76E-03	17.17%

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689	10428066	<i>1700084J12Rik</i>	0.3	1.2	7.9	3.77E-03	17.20%
690	10342879		0.7	1.7	4.9	3.79E-03	17.23%
691	10338648		-0.4	0.8	8.3	3.80E-03	17.23%
692	10488926	<i>Mmp24</i>	0.2	1.1	7.8	3.81E-03	17.23%
693	10361882	<i>Nhs1l</i>	-0.4	0.8	9.1	3.81E-03	17.23%
694	10503315	<i>Rad54b</i>	-0.3	0.8	7.2	3.81E-03	17.23%
695	10570639	<i>2610005L07Rik</i>	-0.4	0.8	10.9	3.81E-03	17.23%
696	10346810	<i>Pard3b</i>	-0.3	0.8	7.8	3.82E-03	17.23%
697	10506583	<i>Ttc22</i>	0.4	1.3	8.7	3.82E-03	17.23%
698	10475946	<i>Zc3h6</i>	-0.3	0.8	5.2	3.82E-03	17.23%
699	10478772	<i>Arfgef2</i>	-0.3	0.8	8.9	3.84E-03	17.28%
700	10466963	<i>9930021J03Rik</i>	-0.4	0.8	9.5	3.85E-03	17.28%
701	10437852	<i>4921513D23Rik</i>	-0.2	0.9	10.0	3.85E-03	17.28%
702	10380896	<i>Erbp2</i>	-0.3	0.8	9.2	3.86E-03	17.28%
703	10424929	<i>Adck5</i>	0.5	1.4	9.0	3.87E-03	17.29%
704	10359080	<i>Cep350</i>	-0.3	0.8	10.3	3.89E-03	17.29%
705	10341247		-0.7	0.6	6.0	3.89E-03	17.29%
706	10358210	<i>Nr5a2</i>	-0.4	0.8	9.4	3.90E-03	17.29%
707	10555590	<i>Numa1</i>	-0.3	0.8	9.3	3.91E-03	17.29%
708	10411464	<i>Fcho2</i>	-0.3	0.8	10.5	3.91E-03	17.29%
709	10423333	<i>Fam134b</i>	-0.7	0.6	8.8	3.92E-03	17.29%
710	10408937	<i>Atxn1</i>	-0.4	0.7	9.9	3.92E-03	17.29%
711	10403945	<i>Hist1h4m</i>	0.3	1.3	6.0	3.92E-03	17.29%
712	10583291	<i>2200002K05Rik</i>	-0.4	0.8	9.4	3.92E-03	17.29%
713	10465215	<i>Sssca1</i>	0.3	1.2	9.3	3.93E-03	17.29%
714	10376446	<i>Trim17</i>	0.2	1.1	7.2	3.93E-03	17.29%
715	10342738		0.3	1.2	10.5	3.94E-03	17.32%
716	10538850		-0.5	0.7	5.7	3.95E-03	17.35%
717	10562368	<i>4931406P16Rik</i>	-0.2	0.9	8.8	3.96E-03	17.39%
718	10549569	<i>Cnot3</i>	-0.2	0.9	9.4	3.97E-03	17.39%
719	10506569	<i>Usp24</i>	-0.2	0.9	6.3	3.98E-03	17.41%
720	10525726	<i>2810006K23Rik</i>	0.3	1.2	6.7	4.01E-03	17.44%
721	10482089	<i>Ndufa8</i>	0.3	1.2	10.7	4.01E-03	17.44%
722	10385297	<i>Gabra1</i>	-0.2	0.8	5.1	4.01E-03	17.44%
723	10548573	<i>Styk1</i>	-0.3	0.8	9.9	4.01E-03	17.44%
724	10511665	<i>Necab1</i>	-0.3	0.8	6.4	4.02E-03	17.44%
725	10339326		-0.4	0.8	3.3	4.02E-03	17.44%
726	10559635	<i>Hspbpl</i>	0.2	1.2	8.4	4.04E-03	17.49%
727	10508619	<i>Pum1</i>	-0.4	0.8	10.4	4.04E-03	17.49%
728	10462499		0.2	1.2	3.1	4.05E-03	17.51%
729	10434668	<i>Tmem97</i>	0.3	1.2	10.9	4.06E-03	17.51%

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730	10475941	<i>Zc3h6</i>	-0.3	0.8	6.7	4.07E-03	17.51%
731	10546056	<i>Rab43</i>	-0.4	0.8	8.8	4.07E-03	17.51%
732	10451248	<i>Tjap1</i>	-0.4	0.8	8.2	4.07E-03	17.51%
733	10479726	<i>Pcmt2</i>	-0.5	0.7	9.2	4.08E-03	17.51%
734	10351749	<i>Dcaf8</i>	-0.2	0.9	8.8	4.11E-03	17.61%
735	10443131	<i>Itpr3</i>	-0.2	0.9	9.4	4.13E-03	17.66%
736	10428707	<i>Has2</i>	0.6	1.5	6.2	4.16E-03	17.78%
737	10456361		-0.5	0.7	9.5	4.18E-03	17.82%
738	10542880	<i>4833442J19Rik</i>	-0.8	0.6	8.7	4.19E-03	17.84%
739	10339976		0.5	1.5	6.7	4.21E-03	17.89%
740	10425000	<i>Lrrc14</i>	0.1	1.1	7.2	4.21E-03	17.89%
741	10399680	<i>Cys1</i>	-0.2	0.9	6.3	4.21E-03	17.89%
742	10487277	<i>Trpm7</i>	-0.3	0.8	9.1	4.23E-03	17.92%
743	10570855	<i>Plat</i>	0.6	1.5	6.9	4.25E-03	17.97%
744	10353064	<i>Arfgef1</i>	-0.2	0.9	10.4	4.25E-03	17.97%
745	10584674	<i>Mcam</i>	0.3	1.2	8.9	4.27E-03	18.05%
746	10420516	<i>Cdadcl</i>	-0.3	0.8	8.3	4.28E-03	18.06%
747	10368144	<i>Tnfaip3</i>	-0.4	0.8	8.0	4.32E-03	18.16%
748	10413222	<i>Ppif</i>	0.3	1.2	10.3	4.32E-03	18.16%
749	10462724	<i>Tnks2</i>	-0.2	0.8	10.2	4.32E-03	18.16%
750	10489463	<i>Slpi</i>	0.3	1.2	7.2	4.34E-03	18.20%
751	10555233		0.7	1.6	8.2	4.35E-03	18.20%
752	10582888		2.6	6.0	10.7	4.38E-03	18.22%
753	10445558	<i>BC048355</i>	0.4	1.3	8.0	4.39E-03	18.22%
754	10604564	<i>Gpc4</i>	-0.3	0.8	9.7	4.39E-03	18.22%
755	10513158	<i>Ptpn3</i>	-0.5	0.7	7.8	4.39E-03	18.22%
756	10343866		0.7	1.6	8.8	4.39E-03	18.22%
757	10495223	<i>Eps8l3</i>	-0.3	0.8	11.9	4.40E-03	18.22%
758	10358593	<i>Hmcn1</i>	-0.3	0.8	6.5	4.43E-03	18.22%
759	10343468		0.5	1.4	11.6	4.43E-03	18.22%
760	10339779		-0.3	0.8	11.4	4.44E-03	18.22%
761	10434629	<i>Map3k13</i>	-0.6	0.7	9.0	4.44E-03	18.22%
762	10360684	<i>Ephx1</i>	-0.5	0.7	7.9	4.45E-03	18.22%
763	10458555	<i>Spry4</i>	0.3	1.3	7.1	4.45E-03	18.22%
764	10460221	<i>Chka</i>	-0.5	0.7	9.2	4.45E-03	18.22%
765	10460312	<i>Cdk2ap2</i>	0.3	1.2	10.0	4.46E-03	18.22%
766	10445112	<i>Ubd</i>	1.0	2.0	7.9	4.46E-03	18.22%
767	10339542		-0.9	0.5	8.4	4.47E-03	18.22%
768	10460787	<i>Atg2a</i>	-0.2	0.9	8.1	4.47E-03	18.22%
769	10447023	<i>Heatr5b</i>	0.2	1.2	6.7	4.48E-03	18.22%
770	10505749	<i>Dennd4c</i>	-0.3	0.8	9.8	4.48E-03	18.22%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
771	10447120	<i>Tmem178</i>	0.4	1.3	7.6	4.48E-03	18.22%
772	10508734	<i>Ptafr</i>	0.4	1.3	7.3	4.49E-03	18.22%
773	10444229	<i>H2-DMa</i>	0.5	1.4	10.4	4.49E-03	18.22%
774	10344449		-0.3	0.8	8.0	4.49E-03	18.22%
775	10603894		0.3	1.2	3.5	4.49E-03	18.22%
776	10493484	<i>Krtcap2</i>	0.3	1.3	10.2	4.49E-03	18.22%
777	10544610	<i>Igf2bp3</i>	-0.2	0.9	5.8	4.50E-03	18.23%
778	10366746	<i>Lrig3</i>	-0.2	0.8	9.4	4.51E-03	18.23%
779	10582592	<i>Acta1</i>	0.5	1.4	7.9	4.52E-03	18.24%
780	10563891	<i>Nck2</i>	-0.3	0.8	9.5	4.52E-03	18.24%
781	10350046	<i>Kdm5b</i>	-0.2	0.8	9.1	4.53E-03	18.25%
782	10474619	<i>Fmn1</i>	-0.3	0.8	9.4	4.54E-03	18.26%
783	10386824	<i>Akap10</i>	-0.2	0.9	8.8	4.54E-03	18.26%
784	10590957	<i>Fut4</i>	-0.5	0.7	8.4	4.57E-03	18.36%
785	10435212	<i>Osbp111</i>	-0.2	0.8	8.9	4.58E-03	18.36%
786	10411126	<i>Jmy</i>	-0.4	0.8	7.6	4.60E-03	18.39%
787	10344606		-0.4	0.8	6.3	4.61E-03	18.39%
788	10590844	<i>Arhgap42</i>	-0.3	0.8	10.7	4.61E-03	18.39%
789	10338641		-0.5	0.7	8.3	4.62E-03	18.39%
790	10426835	<i>Dip2b</i>	-0.2	0.9	8.3	4.62E-03	18.39%
791	10530278		-0.4	0.8	7.7	4.62E-03	18.39%
792	10490755	<i>Hnf4g</i>	-0.5	0.7	11.8	4.64E-03	18.44%
793	10464761	<i>Syt12</i>	-0.4	0.7	7.4	4.65E-03	18.44%
794	10506134	<i>Atg4c</i>	-0.3	0.8	7.9	4.66E-03	18.45%
795	10540659	<i>Till3</i>	-0.2	0.8	7.6	4.66E-03	18.46%
796	10354534	<i>1700019A02Rik</i>	0.3	1.2	3.8	4.68E-03	18.48%
797	10358894	<i>Sord</i>	-0.7	0.6	10.8	4.68E-03	18.48%
798	10450116	<i>Slc39a7</i>	0.3	1.2	9.0	4.69E-03	18.49%
799	10343099		-0.3	0.8	11.0	4.70E-03	18.50%
800	10493660	<i>Nup210l</i>	-0.3	0.8	4.9	4.71E-03	18.53%
801	10471438	<i>Dpm2</i>	0.3	1.2	8.9	4.72E-03	18.53%
802	10436253	<i>Senp7</i>	-0.3	0.8	8.4	4.74E-03	18.58%
803	10348432	<i>Agap1</i>	-0.2	0.9	8.7	4.75E-03	18.58%
804	10386230	<i>Rnf187</i>	0.2	1.1	9.8	4.76E-03	18.58%
805	10343612		-0.3	0.8	11.4	4.76E-03	18.58%
806	10515930	<i>AA415398</i>	-0.3	0.8	6.3	4.76E-03	18.58%
807	10579958	<i>Ill5</i>	-0.8	0.6	8.8	4.77E-03	18.58%
808	10448803	<i>Hn1l</i>	0.3	1.2	10.5	4.78E-03	18.61%
809	10507347	<i>Tesk2</i>	-0.5	0.7	10.0	4.82E-03	18.71%
810	10504926	<i>Rnf20</i>	-0.2	0.8	8.2	4.82E-03	18.71%
811	10376455	<i>Hist3h2a</i>	0.3	1.2	9.7	4.83E-03	18.72%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
812	10366546	<i>Cpm</i>	-0.8	0.6	7.6	4.84E-03	18.72%
813	10444814	<i>H2-Gs10</i>	0.3	1.2	9.5	4.85E-03	18.72%
814	10340892		-0.6	0.7	7.8	4.85E-03	18.72%
815	10368881	<i>Armc2</i>	0.5	1.4	4.7	4.85E-03	18.72%
816	10535502	<i>Aimp2</i>	0.3	1.2	9.0	4.86E-03	18.72%
817	10415111	<i>Bcl2l2</i>	-0.2	0.9	7.7	4.86E-03	18.72%
818	10409434	<i>Lman2</i>	0.2	1.2	10.8	4.88E-03	18.75%
819	10425430	<i>Tnrc6b</i>	-0.2	0.9	9.3	4.89E-03	18.77%
820	10473494	<i>Olfr1034</i>	0.6	1.5	4.7	4.90E-03	18.79%
821	10414522	<i>Apex1</i>	0.3	1.2	8.3	4.91E-03	18.79%
822	10513154	<i>Ptpn3</i>	-0.4	0.7	8.7	4.91E-03	18.79%
823	10406626	<i>Homer1</i>	-0.3	0.8	8.5	4.92E-03	18.79%
824	10435765		0.2	1.2	3.8	4.92E-03	18.79%
825	10513141	<i>Ptpn3</i>	-0.5	0.7	9.0	4.93E-03	18.80%
826	10438975	<i>AI480653</i>	0.2	1.1	7.4	4.96E-03	18.86%
827	10364571	<i>Wdr18</i>	0.3	1.2	8.4	4.97E-03	18.86%
828	10523260	<i>Shroom3</i>	-0.2	0.8	9.3	4.97E-03	18.86%
829	10433190		0.5	1.4	5.0	4.98E-03	18.86%
830	10582882		1.8	3.4	11.0	4.98E-03	18.86%
831	10339319		-0.5	0.7	9.6	4.98E-03	18.86%
832	10459421	<i>Atp8b1</i>	-0.2	0.9	11.8	4.99E-03	18.86%
833	10544638	<i>Tra2a</i>	-0.4	0.7	8.9	5.00E-03	18.88%
834	10408280	<i>Lrrc16a</i>	-0.2	0.9	9.8	5.01E-03	18.88%
835	10463140	<i>Lcor</i>	-0.2	0.9	10.2	5.01E-03	18.88%
836	10494306	<i>Mcl1</i>	-0.3	0.8	10.9	5.02E-03	18.88%
837	10347915	<i>Gm7609</i>	0.5	1.4	6.3	5.02E-03	18.88%
838	10566258		1.2	2.3	10.2	5.04E-03	18.88%
839	10470584	<i>Tsc1</i>	-0.2	0.9	8.2	5.04E-03	18.88%
840	10341999		0.7	1.6	9.1	5.07E-03	18.97%
841	10585625	<i>Sin3a</i>	-0.2	0.9	8.6	5.07E-03	18.97%
842	10415952		-0.5	0.7	8.1	5.09E-03	19.00%
843	10551724	<i>Yif1b</i>	0.3	1.3	9.0	5.09E-03	19.00%
844	10472630	<i>Ubr3</i>	-0.3	0.8	9.4	5.10E-03	19.00%
845	10374035	<i>Xbp1</i>	0.2	1.2	11.6	5.11E-03	19.01%
846	10415725	<i>Spata13</i>	-0.2	0.9	7.4	5.12E-03	19.02%
847	10411853	<i>ErbB2ip</i>	-0.3	0.8	11.5	5.12E-03	19.03%
848	10430679		-0.8	0.6	4.7	5.13E-03	19.04%
849	10434733	<i>Eif4a2</i>	-0.3	0.8	11.2	5.16E-03	19.09%
850	10378833	<i>Ssh2</i>	-0.4	0.8	9.4	5.17E-03	19.09%
851	10346191	<i>Stat1</i>	0.4	1.3	10.6	5.17E-03	19.09%
852	10556381	<i>Mical2</i>	-0.2	0.9	9.0	5.18E-03	19.09%

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853	10346298	<i>Coq10b</i>	-0.5	0.7	9.2	5.18E-03	19.09%
854	10487588	<i>Illa</i>	0.9	1.9	5.6	5.18E-03	19.09%
855	10501447	<i>Prpf38b</i>	-0.2	0.8	9.5	5.20E-03	19.13%
856	10344331		-0.5	0.7	6.8	5.21E-03	19.13%
857	10596269	<i>Dnajc13</i>	-0.2	0.9	10.3	5.23E-03	19.18%
858	10341040		0.6	1.5	6.1	5.24E-03	19.21%
859	10558872	<i>Tmem80</i>	-0.2	0.9	8.1	5.25E-03	19.21%
860	10364814	<i>Scamp4</i>	0.3	1.2	9.4	5.26E-03	19.21%
861	10464479	<i>Ppp6r3</i>	-0.2	0.9	10.4	5.27E-03	19.21%
862	10341395		0.5	1.4	10.8	5.27E-03	19.21%
863	10344803	<i>Cspp1</i>	-0.5	0.7	8.3	5.28E-03	19.21%
864	10449280		0.5	1.4	6.7	5.28E-03	19.21%
865	10399581	<i>3110053B16Rik</i>	-0.3	0.8	3.3	5.28E-03	19.21%
866	10538082	<i>Atp6v0e2</i>	0.3	1.2	8.8	5.29E-03	19.21%
867	10596255	<i>Dnajc13</i>	-0.3	0.8	10.5	5.29E-03	19.21%
868	10558295		-0.3	0.8	9.2	5.30E-03	19.21%
869	10486191	<i>Ppp1r14d</i>	0.3	1.3	9.7	5.31E-03	19.22%
870	10349876	<i>Plekha6</i>	-0.2	0.9	9.1	5.32E-03	19.22%
871	10471062	<i>Mettl11a</i>	0.2	1.1	8.4	5.35E-03	19.30%
872	10474241		0.3	1.2	7.1	5.36E-03	19.33%
873	10340947		0.4	1.3	7.5	5.36E-03	19.33%
874	10577824	<i>Letm2</i>	-0.3	0.8	6.7	5.38E-03	19.33%
875	10547436	<i>Wnk1</i>	-0.2	0.9	10.0	5.39E-03	19.33%
876	10556828	<i>Anks4b</i>	-0.2	0.9	9.7	5.39E-03	19.33%
877	10521461	<i>Grpel1</i>	0.2	1.2	9.4	5.39E-03	19.33%
878	10402063	<i>Foxn3</i>	-0.5	0.7	9.3	5.40E-03	19.33%
879	10343469		-0.7	0.6	4.0	5.43E-03	19.42%
880	10557211	<i>Rbbp6</i>	-0.4	0.8	7.6	5.44E-03	19.44%
881	10342882		-0.5	0.7	7.0	5.45E-03	19.47%
882	10338901		-0.7	0.6	7.1	5.46E-03	19.48%
883	10343726		-0.7	0.6	5.5	5.47E-03	19.48%
884	10405400	<i>Nsd1</i>	-0.2	0.9	10.0	5.48E-03	19.49%
885	10531529	<i>Cnot6l</i>	-0.3	0.8	9.7	5.48E-03	19.49%
886	10344210		-0.3	0.8	8.7	5.51E-03	19.56%
887	10589848	<i>Ubp1</i>	-0.2	0.9	10.2	5.53E-03	19.56%
888	10373355	<i>Spryd4</i>	0.3	1.2	8.6	5.53E-03	19.56%
889	10595753	<i>Trpc1</i>	-0.6	0.7	7.6	5.53E-03	19.56%
890	10477604	<i>Itch</i>	-0.2	0.9	10.9	5.54E-03	19.57%
891	10431300	<i>Algl2</i>	0.3	1.2	9.3	5.57E-03	19.65%
892	10343903		-0.4	0.8	10.7	5.59E-03	19.70%
893	10481240	<i>Brd3</i>	-0.2	0.9	8.1	5.60E-03	19.70%

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894	10608681	<i>Gm4841</i>	1.0	1.9	5.6	5.61E-03	19.70%
895	10491300	<i>Skil</i>	-0.3	0.8	9.1	5.61E-03	19.70%
896	10543448	<i>Wasl</i>	-0.3	0.8	10.2	5.61E-03	19.70%
897	10472501	<i>Lass6</i>	-0.3	0.8	11.2	5.62E-03	19.70%
898	10473880	<i>Lrp4</i>	-0.2	0.8	8.3	5.65E-03	19.79%
899	10382115	<i>Ccdc45</i>	-0.2	0.9	7.9	5.71E-03	19.97%
900	10582890		2.1	4.4	9.5	5.73E-03	20.01%
901	10343066		-0.7	0.6	4.8	5.75E-03	20.06%
902	10460202	<i>Suv420h1</i>	-0.3	0.8	9.6	5.77E-03	20.13%
903	10475437	<i>Sord</i>	-0.6	0.6	10.6	5.79E-03	20.19%
904	10553829	<i>Gm7367</i>	-0.3	0.8	10.0	5.81E-03	20.20%
905	10553831	<i>Gm7367</i>	-0.3	0.8	10.0	5.81E-03	20.20%
906	10569437	<i>Phlda2</i>	0.7	1.6	7.4	5.82E-03	20.20%
907	10358656	<i>Hmcn1</i>	-0.3	0.8	7.9	5.85E-03	20.24%
908	10444332	<i>BC051142</i>	0.3	1.2	6.3	5.85E-03	20.24%
909	10395273	<i>Gdap10</i>	-0.5	0.7	8.0	5.85E-03	20.24%
910	10461214	<i>Tmem223</i>	0.3	1.2	9.6	5.85E-03	20.24%
911	10491106	<i>Pld1</i>	-0.2	0.8	10.8	5.87E-03	20.28%
912	10594679	<i>Tln2</i>	0.2	1.1	7.2	5.90E-03	20.34%
913	10575630	<i>Cntnap4</i>	0.3	1.2	6.0	5.94E-03	20.46%
914	10396358	<i>Ppm1a</i>	-0.3	0.8	11.1	5.95E-03	20.48%
915	10484714	<i>Olfr1163</i>	0.3	1.2	3.8	5.97E-03	20.54%
916	10506433	<i>Dab1</i>	0.4	1.3	9.0	6.02E-03	20.69%
917	10498802	<i>Rapgef2</i>	-0.3	0.8	8.9	6.05E-03	20.77%
918	10540298	<i>Chl1</i>	-0.3	0.8	5.8	6.12E-03	20.98%
919	10439642	<i>Slc35a5</i>	-0.4	0.7	9.1	6.13E-03	20.98%
920	10339873		0.2	1.2	11.2	6.14E-03	20.98%
921	10359086	<i>Cep350</i>	-0.3	0.8	9.3	6.15E-03	20.98%
922	10341988		0.8	1.8	12.2	6.16E-03	20.98%
923	10339347		-0.5	0.7	5.9	6.16E-03	20.98%
924	10369702	<i>Tet1</i>	-0.2	0.8	7.2	6.16E-03	20.98%
925	10545682	<i>Tet3</i>	-0.3	0.8	8.4	6.17E-03	20.98%
926	10564343	<i>Tjp1</i>	-0.2	0.8	10.1	6.18E-03	20.98%
927	10389581	<i>Ypel2</i>	-0.5	0.7	7.9	6.18E-03	20.98%
928	10489723	<i>Zmynd8</i>	-0.2	0.8	8.3	6.23E-03	21.11%
929	10339316		-0.3	0.8	10.1	6.24E-03	21.11%
930	10433472	<i>1810013L24Rik</i>	-0.2	0.8	9.6	6.24E-03	21.12%
931	10340816		-0.4	0.8	6.3	6.27E-03	21.18%
932	10363703	<i>Jmjd1c</i>	-0.2	0.8	9.1	6.27E-03	21.18%
933	10503281	<i>Gxylt1</i>	-0.2	0.8	8.8	6.28E-03	21.18%
934	10445702	<i>Usp49</i>	-0.3	0.8	7.1	6.32E-03	21.29%

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935	10382797	<i>Fam100b</i>	-0.4	0.8	10.1	6.33E-03	21.29%
936	10340004		0.4	1.3	7.6	6.35E-03	21.30%
937	10522712	<i>Rest</i>	-0.3	0.8	8.1	6.35E-03	21.30%
938	10468292	<i>Pdcd11</i>	0.3	1.2	5.7	6.35E-03	21.30%
939	10452516	<i>Ankrd12</i>	-0.5	0.7	8.6	6.38E-03	21.37%
940	10374929	<i>4931440F15Rik</i>	0.4	1.3	6.7	6.40E-03	21.43%
941	10449807	<i>Ephx3</i>	0.2	1.1	5.6	6.41E-03	21.43%
942	10405820		-0.4	0.8	6.5	6.46E-03	21.55%
943	10343467		-0.4	0.7	10.1	6.46E-03	21.55%
944	10499996	<i>Snx27</i>	-0.3	0.8	8.7	6.48E-03	21.59%
945	10435162	<i>Lrch3</i>	-0.2	0.9	9.5	6.50E-03	21.59%
946	10338791		-0.5	0.7	7.4	6.50E-03	21.59%
947	10538903	<i>Igk-V1</i>	0.7	1.6	10.5	6.51E-03	21.59%
948	10501879	<i>Usp53</i>	-0.4	0.8	8.7	6.51E-03	21.59%
949	10370025	<i>Smarca1</i>	0.2	1.1	9.3	6.53E-03	21.66%
950	10518228	<i>Vps13d</i>	-0.3	0.8	9.7	6.56E-03	21.72%
951	10479887	<i>Sec61a2</i>	-0.3	0.8	8.4	6.58E-03	21.74%
952	10587818	<i>Plscr4</i>	-0.3	0.8	6.9	6.58E-03	21.74%
953	10605172	<i>Naa10</i>	0.2	1.2	9.4	6.59E-03	21.75%
954	10374485	<i>Pel1l</i>	-0.3	0.8	11.0	6.60E-03	21.76%
955	10452766		0.3	1.2	5.2	6.61E-03	21.77%
956	10388227	<i>Cyb5d2</i>	-0.3	0.8	8.2	6.62E-03	21.79%
957	10420913	<i>Adam2</i>	-0.4	0.8	4.8	6.64E-03	21.80%
958	10384145	<i>H2afv</i>	-0.4	0.7	11.0	6.64E-03	21.80%
959	10469672	<i>Gad2</i>	0.4	1.3	6.1	6.65E-03	21.81%
960	10598976	<i>Timp1</i>	0.4	1.3	6.3	6.66E-03	21.81%
961	10341917		-0.6	0.7	4.6	6.67E-03	21.81%
962	10582916		2.1	4.1	9.9	6.68E-03	21.81%
963	10366848	<i>B4galnt1</i>	-0.3	0.8	10.8	6.68E-03	21.81%
964	10465580	<i>Nudt22</i>	0.3	1.2	7.9	6.68E-03	21.81%
965	10596207	<i>Uba5</i>	0.3	1.2	10.3	6.73E-03	21.94%
966	10545692	<i>Tet3</i>	-0.2	0.9	8.3	6.74E-03	21.95%
967	10441233	<i>Mx1</i>	-0.4	0.8	6.4	6.75E-03	21.96%
968	10339176		-0.4	0.8	8.7	6.76E-03	21.97%
969	10361828	<i>Cited2</i>	-0.4	0.8	9.9	6.77E-03	21.97%
970	10416004	<i>Zfp395</i>	-0.2	0.8	5.8	6.78E-03	21.98%
971	10433114	<i>Itga5</i>	0.3	1.3	7.7	6.79E-03	22.00%
972	10347925	<i>Gm7609</i>	0.4	1.4	6.3	6.80E-03	22.01%
973	10427399	<i>Ccdc152</i>	-0.3	0.8	4.0	6.82E-03	22.03%
974	10437257	<i>Zfp597</i>	-0.3	0.8	7.4	6.83E-03	22.05%
975	10591118	<i>Fat3</i>	-0.3	0.8	5.4	6.84E-03	22.06%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
976	10341189		0.3	1.3	10.0	6.87E-03	22.14%
977	10360306	<i>Slamf8</i>	0.3	1.2	6.3	6.88E-03	22.14%
978	10503036	<i>Srsf11</i>	-0.2	0.9	9.3	6.90E-03	22.18%
979	10520553	<i>Tmem214</i>	0.2	1.2	9.9	6.91E-03	22.20%
980	10408975	<i>Kif13a</i>	-0.2	0.9	8.8	6.92E-03	22.20%
981	10468639	<i>Dclre1a</i>	-0.2	0.9	7.9	6.93E-03	22.23%
982	10520965	<i>Yes1</i>	-0.4	0.8	9.8	6.95E-03	22.26%
983	10586458	<i>Csnk1g1</i>	-0.2	0.9	8.9	6.96E-03	22.27%
984	10342761		0.5	1.4	10.2	6.97E-03	22.27%
985	10539238	<i>Fam176a</i>	0.3	1.2	7.0	6.99E-03	22.28%
986	10341304		-0.7	0.6	7.3	7.00E-03	22.28%
987	10408850	<i>Nedd9</i>	-0.3	0.8	9.3	7.00E-03	22.28%
988	10561799	<i>Zfp74</i>	-0.2	0.9	6.6	7.01E-03	22.28%
989	10497285	<i>Impa1</i>	-0.3	0.8	10.2	7.02E-03	22.28%
990	10605421	<i>Mtcp1</i>	-0.4	0.8	7.8	7.03E-03	22.28%
991	10344813	<i>Cspp1</i>	-0.4	0.8	8.2	7.05E-03	22.28%
992	10385175	<i>Wwc1</i>	-0.3	0.8	8.6	7.05E-03	22.28%
993	10343407		-0.2	0.9	12.4	7.06E-03	22.28%
994	10584634	<i>Usp2</i>	-0.4	0.7	9.2	7.06E-03	22.28%
995	10501744		0.3	1.2	4.9	7.06E-03	22.28%
996	10491331	<i>Pik3ca</i>	-0.3	0.8	9.7	7.06E-03	22.28%
997	10430873	<i>Cyp2d34</i>	0.3	1.2	5.8	7.07E-03	22.28%
998	10338400		0.6	1.5	9.7	7.07E-03	22.28%
999	10340459		-0.7	0.6	5.6	7.08E-03	22.28%
1000	10427148	<i>Zfp740</i>	-0.2	0.9	7.7	7.10E-03	22.32%
1001	10339618		0.3	1.2	8.2	7.11E-03	22.33%
1002	10342276		0.2	1.2	10.4	7.12E-03	22.34%
1003	10341203		0.5	1.4	4.2	7.13E-03	22.36%
1004	10566199	<i>Olfr586</i>	0.2	1.2	5.5	7.14E-03	22.36%
1005	10380732	<i>Mrpl10</i>	0.2	1.1	10.1	7.17E-03	22.36%
1006	10500469	<i>Pde4dip</i>	-0.2	0.9	7.5	7.18E-03	22.36%
1007	10512847	<i>Alg2</i>	0.3	1.3	8.3	7.18E-03	22.36%
1008	10472738	<i>Dcaf17</i>	-0.3	0.8	8.3	7.18E-03	22.36%
1009	10396608	<i>Syne2</i>	-0.3	0.8	8.6	7.20E-03	22.36%
1010	10472402	<i>Scn2a1</i>	-0.2	0.8	5.2	7.20E-03	22.36%
1011	10343910		-0.6	0.7	8.0	7.20E-03	22.36%
1012	10473690	<i>Fnbp4</i>	-0.2	0.8	9.0	7.21E-03	22.36%
1013	10354472	<i>Gls</i>	-0.5	0.7	10.2	7.21E-03	22.36%
1014	10566184	<i>Olfr569</i>	0.2	1.2	5.1	7.21E-03	22.36%
1015	10449527	<i>Stk38</i>	-0.2	0.9	9.1	7.22E-03	22.36%
1016	10568367		0.2	1.1	4.6	7.24E-03	22.41%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1017	10606263	<i>Atrx</i>	-0.3	0.8	9.3	7.25E-03	22.41%
1018	10421810	<i>1190002H23Rik</i>	0.3	1.2	7.4	7.25E-03	22.41%
1019	10451736	<i>Tbc1d5</i>	-0.3	0.8	8.2	7.29E-03	22.47%
1020	10484261	<i>Cerkl</i>	0.2	1.2	5.4	7.30E-03	22.47%
1021	10503212	<i>Chd7</i>	-0.3	0.8	7.8	7.30E-03	22.47%
1022	10364601	<i>Abca7</i>	-0.2	0.9	8.0	7.30E-03	22.47%
1023	10396956	<i>Pcnx</i>	-0.3	0.8	8.8	7.31E-03	22.48%
1024	10466410	<i>Psat1</i>	0.8	1.7	7.6	7.33E-03	22.50%
1025	10345715	<i>Map4k4</i>	-0.2	0.9	8.6	7.33E-03	22.50%
1026	10419167	<i>Ptgdr</i>	-0.3	0.8	6.4	7.36E-03	22.58%
1027	10514054	<i>Nfib</i>	-0.2	0.9	10.0	7.41E-03	22.63%
1028	10375485		0.2	1.2	9.7	7.41E-03	22.63%
1029	10517090	<i>Arid1a</i>	-0.3	0.8	9.7	7.42E-03	22.63%
1030	10514338	<i>Mir31</i>	0.4	1.3	6.1	7.42E-03	22.63%
1031	10600500	<i>2810453I06Rik</i>	0.2	1.2	9.0	7.42E-03	22.63%
1032	10575328	<i>Phlpp2</i>	-0.3	0.8	10.2	7.44E-03	22.63%
1033	10474936	<i>Spint1</i>	-0.2	0.9	12.1	7.45E-03	22.63%
1034	10340773		0.6	1.5	5.8	7.45E-03	22.63%
1035	10495613	<i>4833424O15Rik</i>	-0.3	0.8	5.4	7.46E-03	22.63%
1036	10474984	<i>Nusap1</i>	-0.4	0.8	9.2	7.46E-03	22.63%
1037	10342010		-1.2	0.4	5.8	7.46E-03	22.63%
1038	10510391	<i>Srm</i>	0.4	1.3	9.6	7.48E-03	22.65%
1039	10488233		0.3	1.2	7.6	7.49E-03	22.65%
1040	10598053		0.8	1.8	7.9	7.49E-03	22.65%
1041	10549532		-0.5	0.7	8.0	7.50E-03	22.66%
1042	10342095		-0.5	0.7	7.1	7.52E-03	22.67%
1043	10367033	<i>Zbtb39</i>	-0.2	0.9	7.8	7.52E-03	22.67%
1044	10396485	<i>Syne2</i>	-0.2	0.9	8.1	7.53E-03	22.67%
1045	10532390	<i>Noc4l</i>	0.3	1.2	8.2	7.53E-03	22.67%
1046	10543544	<i>Lrrc4</i>	0.3	1.2	5.9	7.54E-03	22.67%
1047	10580010	<i>Pkn1</i>	-0.2	0.9	8.8	7.55E-03	22.67%
1048	10582899		1.8	3.5	9.8	7.57E-03	22.67%
1049	10341155		0.4	1.3	10.5	7.57E-03	22.67%
1050	10590381	<i>Vipr1</i>	-0.5	0.7	8.9	7.57E-03	22.67%
1051	10502552	<i>Clca1</i>	-0.5	0.7	7.9	7.63E-03	22.78%
1052	10596259	<i>Dnajc13</i>	-0.3	0.8	10.1	7.63E-03	22.78%
1053	10388682	<i>Taok1</i>	-0.4	0.8	9.1	7.64E-03	22.78%
1054	10340438		0.4	1.3	7.5	7.65E-03	22.78%
1055	10567702	<i>Arhgap17</i>	-0.2	0.9	9.4	7.65E-03	22.78%
1056	10347531	<i>Ankzf1</i>	-0.2	0.9	7.6	7.65E-03	22.78%
1057	10379346	<i>Suz12</i>	-0.2	0.8	10.1	7.66E-03	22.78%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1058	10341714		-0.4	0.8	11.4	7.68E-03	22.78%
1059	10395908		0.6	1.5	5.1	7.68E-03	22.78%
1060	10570131	<i>Ingl</i>	-0.2	0.9	8.1	7.69E-03	22.78%
1061	10599377	<i>Stag2</i>	-0.4	0.8	9.4	7.69E-03	22.78%
1062	10438112	<i>Pi4ka</i>	-0.2	0.9	9.3	7.69E-03	22.78%
1063	10343005		-0.6	0.7	7.5	7.70E-03	22.78%
1064	10340111		-0.9	0.5	4.9	7.74E-03	22.88%
1065	10356936	<i>Ppip5k2</i>	-0.2	0.9	11.0	7.74E-03	22.88%
1066	10521182	<i>Fam193a</i>	-0.2	0.9	8.6	7.78E-03	22.95%
1067	10493347	<i>Ash1l</i>	-0.2	0.9	9.3	7.79E-03	22.95%
1068	10524411	<i>Ficd</i>	0.2	1.2	6.7	7.79E-03	22.95%
1069	10525195		-0.4	0.8	9.8	7.81E-03	22.97%
1070	10344557		-0.7	0.6	5.7	7.82E-03	22.97%
1071	10522819	<i>Ugt2b35</i>	-0.7	0.6	7.8	7.83E-03	22.97%
1072	10418905	<i>Fam35a</i>	-0.3	0.8	6.4	7.83E-03	22.97%
1073	10382300	<i>Map2k6</i>	-0.3	0.8	7.7	7.85E-03	23.02%
1074	10449284	<i>Dusp1</i>	-0.6	0.6	9.0	7.87E-03	23.02%
1075	10341888		-0.3	0.8	7.9	7.87E-03	23.02%
1076	10342149		-0.4	0.8	8.9	7.89E-03	23.03%
1077	10576034	<i>Irf8</i>	0.4	1.4	10.7	7.89E-03	23.03%
1078	10491860	<i>Phf17</i>	-0.2	0.8	8.3	7.90E-03	23.03%
1079	10447294	<i>Prkce</i>	-0.2	0.8	8.2	7.91E-03	23.03%
1080	10556160	<i>Olf1510</i>	0.2	1.2	4.3	7.91E-03	23.03%
1081	10523670	<i>Aff1</i>	-0.4	0.7	7.8	7.91E-03	23.03%
1082	10592655	<i>Arhgef12</i>	-0.2	0.9	8.8	7.93E-03	23.05%
1083	10365971	<i>Btg1</i>	-0.3	0.8	11.4	7.93E-03	23.05%
1084	10338813		-1.1	0.5	4.3	7.96E-03	23.09%
1085	10524983	<i>Med13l</i>	-0.2	0.9	8.7	7.96E-03	23.09%
1086	10422980	<i>Lmbrd2</i>	-0.3	0.8	9.6	7.99E-03	23.14%
1087	10388880	<i>Tmem97</i>	0.3	1.2	9.4	8.03E-03	23.24%
1088	10605729	<i>Zfx</i>	-0.2	0.9	8.8	8.06E-03	23.29%
1089	10506714	<i>Lrp8</i>	0.3	1.2	7.1	8.09E-03	23.32%
1090	10542021		0.3	1.2	6.4	8.10E-03	23.32%
1091	10552156	<i>Rhpn2</i>	-0.3	0.8	9.5	8.11E-03	23.32%
1092	10553646	<i>Herc2</i>	-0.3	0.8	8.7	8.11E-03	23.32%
1093	10434191	<i>Txnrd2</i>	0.2	1.1	7.3	8.12E-03	23.32%
1094	10558090	<i>Tacc2</i>	-0.3	0.8	7.8	8.12E-03	23.32%
1095	10503222	<i>Chd7</i>	-0.2	0.9	7.3	8.13E-03	23.32%
1096	10341663		0.2	1.1	9.8	8.13E-03	23.32%
1097	10524369	<i>Hps4</i>	-0.2	0.9	7.7	8.13E-03	23.32%
1098	10411804	<i>Mast4</i>	-0.3	0.8	7.6	8.14E-03	23.32%

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1099	10356995		0.3	1.2	6.1	8.15E-03	23.32%
1100	10596257	<i>Dnajc13</i>	-0.3	0.8	9.2	8.16E-03	23.33%
1101	10447341	<i>Rhoq</i>	-0.4	0.8	8.2	8.18E-03	23.33%
1102	10442857	<i>Narfl</i>	0.2	1.2	8.0	8.18E-03	23.33%
1103	10340229		-0.6	0.6	8.5	8.18E-03	23.33%
1104	10515396	<i>Btbd19</i>	0.4	1.3	7.7	8.20E-03	23.33%
1105	10493631	<i>Mir190b</i>	-0.2	0.9	3.1	8.20E-03	23.33%
1106	10542857	<i>Far2</i>	-0.3	0.8	10.8	8.20E-03	23.33%
1107	10375501	<i>Snord95</i>	0.2	1.2	7.6	8.24E-03	23.40%
1108	10573490	<i>Hook2</i>	-0.2	0.9	8.5	8.25E-03	23.40%
1109	10527605	<i>Mtus2</i>	-0.3	0.8	6.6	8.26E-03	23.40%
1110	10582241	<i>Zcchc14</i>	-0.3	0.8	8.4	8.26E-03	23.40%
1111	10455769	<i>Csnk1g3</i>	-0.3	0.8	9.3	8.26E-03	23.40%
1112	10342504		0.4	1.3	9.8	8.28E-03	23.40%
1113	10531415	<i>Cxcl10</i>	0.6	1.5	7.4	8.28E-03	23.40%
1114	10341873		-0.2	0.9	10.4	8.30E-03	23.44%
1115	10340219		-0.3	0.8	11.5	8.31E-03	23.44%
1116	10459602	<i>Ptpn2</i>	-0.2	0.9	7.3	8.34E-03	23.52%
1117	10345580	<i>Inpp4a</i>	-0.3	0.8	8.8	8.37E-03	23.53%
1118	10574350	<i>Mmp15</i>	-0.2	0.9	7.8	8.37E-03	23.53%
1119	10418169		-0.3	0.8	8.4	8.37E-03	23.53%
1120	10510254	<i>Fv1</i>	-0.2	0.9	7.5	8.41E-03	23.61%
1121	10578045	<i>Nrg1</i>	0.5	1.4	7.2	8.41E-03	23.61%
1122	10352867	<i>Plxna2</i>	-0.3	0.8	8.9	8.42E-03	23.61%
1123	10416657	<i>Elf1</i>	-0.2	0.9	9.3	8.43E-03	23.61%
1124	10505030	<i>Fsd11</i>	-0.4	0.8	7.0	8.48E-03	23.71%
1125	10443589	<i>Zfand3</i>	-0.2	0.9	9.6	8.48E-03	23.71%
1126	10604591	<i>Mir19b-2</i>	0.2	1.1	3.3	8.49E-03	23.71%
1127	10341497		-0.4	0.8	6.7	8.49E-03	23.71%
1128	10407570	<i>Zmynd11</i>	-0.2	0.9	9.3	8.50E-03	23.71%
1129	10483667	<i>Cir1</i>	-0.4	0.8	7.2	8.53E-03	23.77%
1130	10558773	<i>B4galnt4</i>	0.2	1.2	7.2	8.54E-03	23.79%
1131	10592790	<i>Hinfp</i>	-0.3	0.8	7.9	8.56E-03	23.79%
1132	10367775	<i>Stxbp5</i>	-0.2	0.8	9.5	8.57E-03	23.79%
1133	10338573		-0.6	0.7	5.8	8.58E-03	23.79%
1134	10402368	<i>Serpina6</i>	2.5	5.7	7.4	8.58E-03	23.79%
1135	10344230		0.2	1.2	10.4	8.58E-03	23.79%
1136	10494007	<i>Them4</i>	-0.3	0.8	7.6	8.60E-03	23.80%
1137	10338509		-0.4	0.8	9.5	8.61E-03	23.82%
1138	10358585	<i>Hmcn1</i>	-0.3	0.8	7.2	8.63E-03	23.85%
1139	10411839	<i>Srsf12</i>	-0.2	0.9	8.7	8.63E-03	23.85%

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1140	10399265	<i>Ncoal</i>	-0.2	0.9	9.0	8.68E-03	23.94%
1141	10502484	<i>Pkn2</i>	-0.3	0.8	10.3	8.68E-03	23.94%
1142	10596263	<i>Dnajc13</i>	-0.3	0.8	10.3	8.69E-03	23.94%
1143	10444137	<i>Rxb</i>	-0.2	0.9	8.1	8.72E-03	24.00%
1144	10540931	<i>Raf1</i>	0.2	1.1	7.0	8.73E-03	24.00%
1145	10416155	<i>Kctd9</i>	-0.3	0.8	9.5	8.74E-03	24.00%
1146	10384123	<i>Ddx56</i>	0.3	1.2	9.0	8.74E-03	24.00%
1147	10445867	<i>Plcl2</i>	-0.2	0.9	8.8	8.76E-03	24.01%
1148	10584095	<i>Nfrkb</i>	-0.2	0.9	8.2	8.77E-03	24.03%
1149	10469720	<i>Acbd5</i>	-0.4	0.7	8.8	8.78E-03	24.03%
1150	10443408	<i>Mapk13</i>	0.2	1.2	11.2	8.80E-03	24.07%
1151	10339307		0.3	1.2	9.5	8.82E-03	24.09%
1152	10555089	<i>Rsf1</i>	-0.3	0.8	8.1	8.82E-03	24.09%
1153	10382152	<i>Helz</i>	-0.2	0.9	9.4	8.83E-03	24.09%
1154	10557233	<i>Tnrc6a</i>	-0.3	0.8	9.2	8.86E-03	24.10%
1155	10561128	<i>Cyp2s1</i>	-0.3	0.8	9.8	8.86E-03	24.10%
1156	10379127	<i>Spag5</i>	-0.4	0.8	7.4	8.87E-03	24.10%
1157	10462140	<i>Dock8</i>	-0.5	0.7	9.2	8.87E-03	24.10%
1158	10353707	<i>Ptp4a1</i>	-0.3	0.8	11.1	8.88E-03	24.10%
1159	10338550		-0.4	0.7	7.0	8.88E-03	24.10%
1160	10341167		-0.5	0.7	6.4	8.89E-03	24.10%
1161	10398288	<i>Yy1</i>	-0.2	0.9	10.1	8.90E-03	24.10%
1162	10426098	<i>Creld2</i>	0.5	1.4	11.1	8.91E-03	24.11%
1163	10411459	<i>Tmem171</i>	0.5	1.4	9.8	8.94E-03	24.13%
1164	10570472	<i>Cln8</i>	-0.4	0.7	8.0	8.94E-03	24.13%
1165	10541968	<i>Ano2</i>	0.2	1.2	6.2	8.95E-03	24.13%
1166	10342458		-0.5	0.7	6.4	8.95E-03	24.13%
1167	10454984	<i>Wdr55</i>	0.3	1.2	7.8	8.95E-03	24.13%
1168	10340532		-0.8	0.6	5.4	8.96E-03	24.13%
1169	10550877	<i>Kcnn4</i>	0.2	1.2	8.9	8.98E-03	24.16%
1170	10344355		0.4	1.3	7.0	8.99E-03	24.17%
1171	10400057	<i>Arl4a</i>	-0.4	0.8	8.1	9.01E-03	24.17%
1172	10596281	<i>Dnajc13</i>	-0.2	0.9	10.0	9.02E-03	24.17%
1173	10403303	<i>Akr1c13</i>	-0.9	0.5	8.9	9.02E-03	24.17%
1174	10492953		-0.4	0.8	8.4	9.03E-03	24.17%
1175	10338967		0.7	1.6	5.2	9.03E-03	24.17%
1176	10342666		-0.8	0.6	4.3	9.04E-03	24.17%
1177	10406419	<i>Lysmd3</i>	-0.3	0.8	10.6	9.04E-03	24.17%
1178	10496919	<i>Usp33</i>	-0.2	0.9	10.3	9.07E-03	24.22%
1179	10462454	<i>Uhrf2</i>	-0.3	0.8	8.9	9.08E-03	24.24%
1180	10489053		-0.3	0.8	7.5	9.10E-03	24.27%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1181	10340930		-0.6	0.6	2.7	9.15E-03	24.33%
1182	10490352	<i>Taf4a</i>	-0.2	0.9	8.8	9.15E-03	24.33%
1183	10399505	<i>Greb1</i>	-0.3	0.8	6.6	9.16E-03	24.33%
1184	10343883		0.4	1.3	8.1	9.16E-03	24.33%
1185	10605247	<i>Mecp2</i>	-0.2	0.9	7.5	9.18E-03	24.37%
1186	10338319		-0.5	0.7	7.1	9.20E-03	24.40%
1187	10590648	<i>Top2a</i>	0.2	1.2	4.0	9.22E-03	24.43%
1188	10412741	<i>Atxn7</i>	-0.2	0.9	8.7	9.25E-03	24.47%
1189	10448811	<i>Cramp1l</i>	-0.2	0.9	8.2	9.25E-03	24.47%
1190	10582719	<i>Sipa1l2</i>	-0.2	0.9	7.5	9.26E-03	24.47%
1191	10340296		-0.5	0.7	7.1	9.30E-03	24.50%
1192	10432957	<i>Itgb7</i>	0.2	1.2	7.1	9.30E-03	24.50%
1193	10473160	<i>Ssfa2</i>	-0.3	0.8	10.3	9.31E-03	24.50%
1194	10478774	<i>Arfgef2</i>	-0.2	0.9	9.0	9.32E-03	24.50%
1195	10472469	<i>4932414N04Rik</i>	0.3	1.2	4.4	9.32E-03	24.50%
1196	10341942		-0.4	0.7	6.4	9.34E-03	24.50%
1197	10446763	<i>Lbh</i>	-0.4	0.8	8.2	9.34E-03	24.50%
1198	10581069		-0.3	0.8	8.8	9.34E-03	24.50%
1199	10351502	<i>Dusp12</i>	0.3	1.2	6.4	9.35E-03	24.50%
1200	10338316		0.4	1.4	6.7	9.35E-03	24.50%
1201	10340923		-0.2	0.9	10.7	9.35E-03	24.50%
1202	10438517	<i>Alg3</i>	0.3	1.2	9.8	9.36E-03	24.50%
1203	10582896		1.9	3.7	10.2	9.39E-03	24.54%
1204	10403291	<i>Akr1c14</i>	-1.6	0.3	9.0	9.40E-03	24.56%
1205	10471555	<i>Angptl2</i>	-0.4	0.8	8.5	9.41E-03	24.56%
1206	10350840	<i>Angptl1</i>	-0.4	0.8	6.9	9.43E-03	24.59%
1207	10341258		-0.5	0.7	4.3	9.47E-03	24.67%
1208	10352396	<i>Trp53bp2</i>	-0.2	0.9	9.1	9.48E-03	24.67%
1209	10358713	<i>1700025G04Rik</i>	-0.3	0.8	6.7	9.49E-03	24.67%
1210	10374821	<i>Smek2</i>	-0.2	0.9	9.8	9.49E-03	24.67%
1211	10468089	<i>Mgea5</i>	-0.2	0.9	9.3	9.52E-03	24.71%
1212	10446823	<i>Yipf4</i>	-0.3	0.8	8.5	9.52E-03	24.71%
1213	10594802	<i>Fam63b</i>	-0.3	0.8	7.2	9.53E-03	24.71%
1214	10499963	<i>Tdpoz1</i>	0.4	1.3	5.5	9.54E-03	24.71%
1215	10471424	<i>Fam102a</i>	-0.4	0.8	10.4	9.55E-03	24.72%
1216	10561453	<i>Zfp36</i>	-0.3	0.8	10.2	9.59E-03	24.80%
1217	10513143	<i>Ptpn3</i>	-0.3	0.8	8.5	9.59E-03	24.80%
1218	10342586		-0.5	0.7	7.0	9.61E-03	24.81%
1219	10465106	<i>Ovol1</i>	-0.4	0.8	9.0	9.63E-03	24.84%
1220	10392010	<i>1700081L11Rik</i>	-0.4	0.8	9.7	9.63E-03	24.84%
1221	10374478	<i>Sertad2</i>	-0.2	0.9	8.8	9.64E-03	24.84%

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1222	10340011		-0.6	0.7	3.9	9.67E-03	24.86%
1223	10470446	<i>Rxra</i>	-0.2	0.9	9.4	9.67E-03	24.86%
1224	10427162	<i>Mfsd5</i>	0.2	1.1	8.9	9.67E-03	24.86%
1225	10470954	<i>Lrrc8a</i>	-0.3	0.8	9.2	9.69E-03	24.89%
1226	10341456		0.5	1.4	5.4	9.77E-03	25.04%
1227	10341452		-1.2	0.4	3.5	9.77E-03	25.04%
1228	10356601	<i>Per2</i>	-0.4	0.7	8.6	9.78E-03	25.06%
1229	10496494	<i>Tspan5</i>	-0.5	0.7	9.5	9.80E-03	25.08%
1230	10457203		-0.6	0.7	9.3	9.81E-03	25.08%
1231	10340809		0.4	1.4	10.8	9.84E-03	25.13%
1232	10392251	<i>Ddx5</i>	-0.2	0.9	12.0	9.85E-03	25.16%
1233	10483563	<i>Tlk1</i>	-0.3	0.8	9.5	9.89E-03	25.22%
1234	10428561	<i>Rad21</i>	-0.2	0.9	10.6	9.91E-03	25.23%
1235	10502776	<i>Lphn2</i>	-0.3	0.8	10.1	9.92E-03	25.23%
1236	10343368		-0.6	0.7	5.6	9.93E-03	25.23%
1237	10463371	<i>Wnt8b</i>	0.4	1.3	5.2	9.94E-03	25.23%
1238	10548616		0.3	1.3	4.7	9.95E-03	25.23%
1239	10338309		0.5	1.4	3.5	9.96E-03	25.23%
1240	10368486	<i>Rnfl46</i>	-0.3	0.8	7.3	9.96E-03	25.23%
1241	10368030	<i>Heca</i>	-0.3	0.8	7.4	9.97E-03	25.23%
1242	10341141		0.2	1.1	11.8	9.98E-03	25.23%
1243	10338367		-0.4	0.7	7.0	9.99E-03	25.23%
1244	10498659	<i>Sis</i>	-0.2	0.9	13.3	9.99E-03	25.23%
1245	10340348		-0.6	0.6	5.6	1.00E-02	25.23%
1246	10583952	<i>Ncapd3</i>	-0.2	0.9	8.6	1.00E-02	25.23%
1247	10606792	<i>Nxf7</i>	-0.5	0.7	5.6	1.00E-02	25.23%
1248	10338897		-0.6	0.7	5.8	1.00E-02	25.23%
1249	10381514	<i>Cd300lg</i>	0.2	1.2	7.6	1.00E-02	25.23%
1250	10599213		0.4	1.3	6.2	1.00E-02	25.25%
1251	10419440	<i>Olfr728</i>	0.4	1.4	4.8	1.01E-02	25.29%
1252	10343102		0.4	1.3	7.1	1.01E-02	25.30%
1253	10423155	<i>Mtmr12</i>	-0.2	0.9	9.3	1.01E-02	25.33%
1254	10492195	<i>Tsc22d2</i>	-0.2	0.9	8.8	1.01E-02	25.33%
1255	10559270	<i>Tssc4</i>	0.2	1.2	7.2	1.01E-02	25.33%
1256	10451495	<i>Ubr2</i>	-0.2	0.9	8.8	1.01E-02	25.33%
1257	10402585	<i>Wars</i>	0.4	1.3	10.0	1.01E-02	25.33%
1258	10407209	<i>Slc38a9</i>	-0.2	0.9	6.9	1.01E-02	25.33%
1259	10467153	<i>Slc16a12</i>	-0.5	0.7	7.1	1.01E-02	25.33%
1260	10507418	<i>Eif2b3</i>	0.3	1.2	8.3	1.01E-02	25.34%
1261	10541785	<i>Acrbp</i>	-0.3	0.8	7.2	1.02E-02	25.37%
1262	10338579		0.5	1.4	3.8	1.02E-02	25.38%

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1263	10338755		-0.7	0.6	3.3	1.02E-02	25.39%
1264	10440727	<i>Krtap8-1</i>	0.3	1.2	5.9	1.02E-02	25.39%
1265	10396205	<i>Arid4a</i>	-0.3	0.8	8.4	1.02E-02	25.39%
1266	10516101	<i>Oxct2a</i>	-0.4	0.7	7.3	1.02E-02	25.41%
1267	10342802		-0.5	0.7	6.1	1.02E-02	25.42%
1268	10527306	<i>Lmtk2</i>	-0.3	0.8	9.6	1.03E-02	25.42%
1269	10338322		-0.4	0.8	7.0	1.03E-02	25.42%
1270	10395910	<i>Pnn</i>	-0.3	0.8	10.2	1.03E-02	25.42%
1271	10394971	<i>Klf11</i>	-0.3	0.8	7.9	1.03E-02	25.43%
1272	10338169		-1.3	0.4	5.0	1.03E-02	25.43%
1273	10592942	<i>Mll1</i>	-0.2	0.9	9.0	1.03E-02	25.50%
1274	10350800	<i>Tor1aip2</i>	-0.3	0.8	10.6	1.03E-02	25.50%
1275	10447254	<i>Ppm1b</i>	-0.3	0.8	8.9	1.03E-02	25.50%
1276	10596492	<i>Parp3</i>	0.2	1.2	8.7	1.03E-02	25.50%
1277	10465726	<i>BC014805</i>	0.3	1.3	5.3	1.04E-02	25.62%
1278	10525236	<i>Gm15800</i>	-0.3	0.8	8.9	1.04E-02	25.63%
1279	10503711	<i>Casp8ap2</i>	-0.3	0.8	8.1	1.04E-02	25.63%
1280	10460018	<i>Zfp236</i>	-0.2	0.9	8.0	1.04E-02	25.63%
1281	10515026	<i>Cc2dlb</i>	-0.3	0.8	6.1	1.04E-02	25.63%
1282	10355763	<i>Atg9a</i>	-0.2	0.9	9.2	1.04E-02	25.63%
1283	10421046	<i>Dock5</i>	-0.2	0.9	9.9	1.05E-02	25.66%
1284	10453636	<i>Svil</i>	-0.2	0.9	8.7	1.05E-02	25.75%
1285	10443940	<i>Zfp955a</i>	-0.2	0.8	8.3	1.05E-02	25.77%
1286	10428157	<i>Rnf19a</i>	-0.2	0.9	9.2	1.05E-02	25.77%
1287	10343834		-0.8	0.6	6.7	1.05E-02	25.77%
1288	10456717	<i>Snord58b</i>	0.4	1.3	4.4	1.06E-02	25.77%
1289	10507798	<i>Mycl1</i>	-0.2	0.9	7.3	1.06E-02	25.78%
1290	10439766	<i>Pvrl3</i>	-0.2	0.9	10.4	1.06E-02	25.78%
1291	10518546	<i>Pex14</i>	0.2	1.1	8.5	1.06E-02	25.80%
1292	10387816	<i>Rnasek</i>	0.2	1.1	9.7	1.06E-02	25.80%
1293	10587315	<i>Gsta4</i>	-0.9	0.6	10.4	1.06E-02	25.83%
1294	10473551	<i>Olfr153</i>	0.4	1.3	3.8	1.06E-02	25.83%
1295	10478754	<i>Arfgef2</i>	-0.2	0.9	9.3	1.06E-02	25.83%
1296	10340135		-0.5	0.7	6.4	1.06E-02	25.83%
1297	10350923	<i>Rfwd2</i>	-0.3	0.8	9.4	1.07E-02	25.83%
1298	10395328	<i>Snx13</i>	-0.3	0.8	9.7	1.07E-02	25.83%
1299	10339071		0.2	1.2	10.8	1.07E-02	25.84%
1300	10410576	<i>Cep72</i>	-0.2	0.9	6.5	1.07E-02	25.88%
1301	10425040	<i>Apol7e</i>	0.4	1.3	7.5	1.07E-02	25.88%
1302	10527423	<i>Trrap</i>	-0.3	0.8	8.0	1.07E-02	25.88%
1303	10590343	<i>Trak1</i>	-0.3	0.8	9.7	1.07E-02	25.88%

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1304	10485314	<i>Ttc17</i>	-0.2	0.8	9.1	1.08E-02	26.00%
1305	10582201	<i>Cox4nb</i>	0.2	1.1	8.1	1.08E-02	26.00%
1306	10469425	<i>Arl5b</i>	-0.5	0.7	9.4	1.08E-02	26.00%
1307	10493259	<i>Ssr2</i>	0.2	1.1	11.9	1.08E-02	26.02%
1308	10598023		0.5	1.4	10.4	1.08E-02	26.02%
1309	10400210	<i>Hectd1</i>	-0.2	0.9	9.8	1.09E-02	26.13%
1310	10343675		-0.7	0.6	6.0	1.09E-02	26.13%
1311	10342012		-0.3	0.8	10.0	1.09E-02	26.13%
1312	10539766	<i>Aak1</i>	-0.2	0.9	8.6	1.09E-02	26.15%
1313	10343399		0.2	1.2	10.1	1.09E-02	26.18%
1314	10362499	<i>Frk</i>	-0.3	0.8	10.8	1.09E-02	26.18%
1315	10542060		-0.3	0.8	7.5	1.09E-02	26.18%
1316	10342532		-0.4	0.7	9.9	1.10E-02	26.18%
1317	10386095	<i>Fam114a2</i>	-0.3	0.8	8.1	1.10E-02	26.18%
1318	10565738	<i>2210018M11Rik</i>	-0.2	0.9	8.8	1.10E-02	26.19%
1319	10512655	<i>Rnf38</i>	-0.2	0.8	9.3	1.10E-02	26.21%
1320	10430179	<i>Apol7b</i>	0.3	1.3	7.5	1.10E-02	26.25%
1321	10342215		-0.4	0.8	8.7	1.10E-02	26.25%
1322	10546238	<i>Vmn1r48</i>	-0.4	0.8	4.0	1.10E-02	26.25%
1323	10492864	<i>Sh3d19</i>	-0.2	0.9	10.2	1.10E-02	26.25%
1324	10392388	<i>Prkca</i>	-0.2	0.9	10.1	1.11E-02	26.36%
1325	10488655	<i>Bcl2l1</i>	-0.2	0.9	8.4	1.11E-02	26.36%
1326	10442834	<i>Rpusd1</i>	0.2	1.1	7.2	1.11E-02	26.36%
1327	10362426	<i>Trdn</i>	0.8	1.7	4.0	1.11E-02	26.36%
1328	10508454	<i>Bsdcl</i>	-0.2	0.9	9.6	1.11E-02	26.36%
1329	10568988	<i>Bet1l</i>	0.2	1.1	8.0	1.11E-02	26.36%
1330	10338736		0.6	1.6	5.0	1.12E-02	26.37%
1331	10401939	<i>Lysmd1</i>	-0.2	0.9	6.6	1.12E-02	26.37%
1332	10341696		-0.6	0.7	4.9	1.12E-02	26.37%
1333	10457963	<i>Gpr17</i>	-0.4	0.8	7.5	1.12E-02	26.37%
1334	10338762		-0.6	0.7	6.3	1.12E-02	26.37%
1335	10372497	<i>Thap2</i>	-0.4	0.8	8.2	1.12E-02	26.39%
1336	10357946	<i>Ppp1r12b</i>	-0.3	0.8	8.1	1.12E-02	26.40%
1337	10566686	<i>Olf490</i>	0.3	1.2	3.3	1.12E-02	26.40%
1338	10503168	<i>Chd7</i>	-0.2	0.9	8.7	1.12E-02	26.40%
1339	10555875	<i>Olf653</i>	0.3	1.2	5.7	1.12E-02	26.40%
1340	10338195		-0.4	0.7	7.8	1.13E-02	26.43%
1341	10462918	<i>Tmem20</i>	-0.2	0.9	11.2	1.13E-02	26.48%
1342	10405303	<i>Cdhr2</i>	-0.2	0.9	12.2	1.13E-02	26.51%
1343	10491486	<i>Atp11b</i>	-0.2	0.9	10.9	1.13E-02	26.51%
1344	10470390		0.2	1.2	6.9	1.13E-02	26.51%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1345	10368495	<i>Rspo3</i>	-0.3	0.8	7.2	1.13E-02	26.51%
1346	10482434	<i>Gtdc1</i>	-0.3	0.8	7.5	1.13E-02	26.52%
1347	10521589	<i>Cir1</i>	-0.3	0.8	6.8	1.14E-02	26.58%
1348	10344404		0.8	1.8	10.6	1.14E-02	26.59%
1349	10590860	<i>Arhgap42</i>	-0.2	0.9	9.8	1.14E-02	26.64%
1350	10343027		-0.2	0.8	10.8	1.15E-02	26.64%
1351	10397476	<i>2310044G17Rik</i>	-0.3	0.8	8.6	1.15E-02	26.64%
1352	10508608	<i>Pefl</i>	0.2	1.2	10.0	1.15E-02	26.64%
1353	10575763	<i>Gan</i>	-0.2	0.9	8.2	1.15E-02	26.64%
1354	10472820	<i>Itga6</i>	-0.2	0.9	11.3	1.15E-02	26.64%
1355	10417912	<i>Usp54</i>	-0.2	0.9	7.4	1.15E-02	26.64%
1356	10471880	<i>Mir181b-2</i>	-0.3	0.8	6.4	1.15E-02	26.64%
1357	10339345		-0.6	0.6	4.4	1.15E-02	26.67%
1358	10419288	<i>Gch1</i>	-0.4	0.8	6.7	1.15E-02	26.67%
1359	10368859	<i>Armc2</i>	-0.2	0.9	6.0	1.15E-02	26.67%
1360	10343749		0.6	1.5	6.9	1.15E-02	26.67%
1361	10388898	<i>Fam58b</i>	0.3	1.2	6.3	1.15E-02	26.67%
1362	10450191	<i>Btnl5</i>	-0.4	0.8	9.8	1.16E-02	26.73%
1363	10340976		0.5	1.5	7.1	1.16E-02	26.73%
1364	10399314	<i>Mfsd2b</i>	-0.4	0.8	6.4	1.16E-02	26.73%
1365	10567299	<i>Itpr12</i>	-0.3	0.8	7.9	1.16E-02	26.73%
1366	10373604		0.4	1.3	2.8	1.16E-02	26.73%
1367	10571007	<i>Whsc111</i>	-0.2	0.9	9.9	1.16E-02	26.73%
1368	10576911	<i>Efnb2</i>	-0.2	0.9	9.1	1.16E-02	26.73%
1369	10560685	<i>Bcl3</i>	0.4	1.3	9.6	1.16E-02	26.73%
1370	10344819	<i>Cspp1</i>	-0.3	0.8	7.4	1.17E-02	26.73%
1371	10587419	<i>Senp6</i>	-0.3	0.8	9.9	1.17E-02	26.73%
1372	10447317	<i>Epas1</i>	-0.4	0.8	9.8	1.17E-02	26.73%
1373	10341815		-0.5	0.7	5.9	1.17E-02	26.73%
1374	10447128		0.3	1.2	8.1	1.17E-02	26.73%
1375	10341763		0.5	1.4	5.1	1.17E-02	26.73%
1376	10502224	<i>Sgms2</i>	-0.3	0.8	9.2	1.17E-02	26.73%
1377	10598057		0.6	1.5	8.6	1.17E-02	26.73%
1378	10501832		-0.3	0.8	11.2	1.17E-02	26.73%
1379	10490510	<i>Dido1</i>	-0.2	0.9	8.8	1.17E-02	26.73%
1380	10344454		-0.4	0.7	7.0	1.17E-02	26.73%
1381	10509147	<i>Gale</i>	0.3	1.2	8.6	1.17E-02	26.73%
1382	10396237	<i>2700049A03Rik</i>	-0.2	0.9	8.1	1.18E-02	26.73%
1383	10602735		-0.2	0.9	3.1	1.18E-02	26.73%
1384	10371107	<i>Mrpl54</i>	0.3	1.2	9.5	1.18E-02	26.74%
1385	10344801	<i>Cspp1</i>	-0.4	0.7	8.4	1.18E-02	26.74%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1386	10379262	<i>Nfl</i>	-0.2	0.9	9.2	1.18E-02	26.74%
1387	10361129		0.3	1.3	6.8	1.18E-02	26.79%
1388	10442629	<i>Spsb3</i>	0.2	1.1	7.8	1.18E-02	26.79%
1389	10482824	<i>Acvr1</i>	-0.2	0.8	7.9	1.18E-02	26.79%
1390	10353849	<i>4632411B12Rik</i>	-0.2	0.9	9.1	1.19E-02	26.79%
1391	10551080	<i>Cic</i>	-0.2	0.9	7.9	1.19E-02	26.79%
1392	10343118		-0.4	0.8	8.1	1.19E-02	26.79%
1393	10514510	<i>Cyp2j6</i>	-0.8	0.6	10.0	1.19E-02	26.79%
1394	10490203	<i>Gnas</i>	0.4	1.4	8.1	1.19E-02	26.79%
1395	10588403	<i>Mrpl3</i>	0.2	1.2	10.1	1.19E-02	26.79%
1396	10395136	<i>Fam150b</i>	0.3	1.2	5.4	1.19E-02	26.83%
1397	10458913	<i>Cep120</i>	-0.2	0.9	8.5	1.19E-02	26.83%
1398	10454483	<i>Wdr33</i>	-0.1	0.9	9.1	1.20E-02	26.89%
1399	10500237	<i>Rprd2</i>	-0.2	0.9	9.4	1.20E-02	26.89%
1400	10462473	<i>Mbl2</i>	0.8	1.8	8.1	1.20E-02	26.92%
1401	10575291	<i>Zfp821</i>	-0.2	0.9	7.4	1.20E-02	26.92%
1402	10413897	<i>Ercc6</i>	-0.2	0.9	8.3	1.20E-02	26.92%
1403	10604038	<i>Akap17b</i>	0.2	1.1	6.9	1.20E-02	26.92%
1404	10578157	<i>Tnks</i>	-0.4	0.8	9.3	1.20E-02	26.92%
1405	10389797	<i>Stxbp4</i>	-0.2	0.9	6.6	1.20E-02	26.94%
1406	10414659	<i>Snord58b</i>	0.4	1.3	4.1	1.20E-02	26.94%
1407	10502816	<i>Gipc2</i>	-0.3	0.8	11.3	1.20E-02	26.94%
1408	10584777	<i>Ddx6</i>	-0.2	0.9	11.7	1.21E-02	26.94%
1409	10582477	<i>Spata2L</i>	-0.3	0.8	6.8	1.21E-02	26.96%
1410	10456577		0.3	1.2	2.4	1.21E-02	26.98%
1411	10554752	<i>Nox4</i>	-0.5	0.7	5.6	1.21E-02	26.98%
1412	10459905	<i>Setbp1</i>	-0.3	0.8	7.5	1.21E-02	26.98%
1413	10397068	<i>Rbm25</i>	-0.2	0.9	9.3	1.21E-02	26.98%
1414	10541771	<i>Ing4</i>	-0.2	0.9	9.1	1.21E-02	26.99%
1415	10485357		1.4	2.6	12.9	1.21E-02	26.99%
1416	10339874		-0.4	0.8	10.5	1.21E-02	26.99%
1417	10339400		-0.5	0.7	7.8	1.22E-02	26.99%
1418	10500710	<i>Mab21l3</i>	0.2	1.1	5.8	1.22E-02	26.99%
1419	10430618	<i>Dnalc4</i>	0.2	1.1	7.4	1.22E-02	26.99%
1420	10340211		-0.4	0.7	7.5	1.22E-02	26.99%
1421	10458808	<i>Fem1c</i>	-0.2	0.9	9.5	1.22E-02	26.99%
1422	10516994	<i>Fam76a</i>	-0.3	0.8	8.4	1.22E-02	27.00%
1423	10338878		-0.4	0.8	2.5	1.22E-02	27.05%
1424	10509246	<i>Luzpl1</i>	-0.2	0.9	10.1	1.22E-02	27.05%
1425	10410731		0.2	1.2	5.0	1.23E-02	27.08%
1426	10494296	<i>Rps10</i>	0.1	1.1	11.2	1.23E-02	27.08%

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1427	10420877	<i>Esco2</i>	-0.3	0.8	8.2	1.23E-02	27.08%
1428	10436282	<i>Impg2</i>	-0.3	0.8	5.1	1.23E-02	27.08%
1429	10552314	<i>Zfp141</i>	-0.4	0.8	7.7	1.23E-02	27.10%
1430	10440929	<i>Gart</i>	0.2	1.2	8.9	1.23E-02	27.11%
1431	10463803	<i>Slk</i>	-0.2	0.9	9.5	1.23E-02	27.11%
1432	10589413	<i>Nme6</i>	0.2	1.2	8.3	1.23E-02	27.12%
1433	10584120		0.2	1.2	6.0	1.24E-02	27.12%
1434	10535653	<i>Zkscan14</i>	-0.2	0.9	8.0	1.24E-02	27.12%
1435	10571728	<i>Rwdd4a</i>	0.3	1.2	8.9	1.24E-02	27.12%
1436	10515363	<i>Mmachc</i>	0.2	1.2	9.4	1.24E-02	27.12%
1437	10460732	<i>Znhit2-ps</i>	0.2	1.2	7.5	1.24E-02	27.12%
1438	10453721	<i>Wac</i>	-0.2	0.9	9.9	1.24E-02	27.18%
1439	10567086	<i>Cyp2r1</i>	-0.4	0.8	5.6	1.24E-02	27.18%
1440	10464772	<i>2010003K11Rik</i>	0.4	1.4	11.0	1.24E-02	27.19%
1441	10583496	<i>Ppan</i>	0.3	1.2	8.1	1.25E-02	27.23%
1442	10343448		0.3	1.3	7.4	1.25E-02	27.30%
1443	10388451	<i>Wdr81</i>	-0.2	0.9	7.8	1.25E-02	27.34%
1444	10342313		-0.3	0.8	7.8	1.26E-02	27.34%
1445	10338629		-0.6	0.7	5.1	1.26E-02	27.34%
1446	10369690	<i>Tet1</i>	-0.2	0.9	6.6	1.26E-02	27.34%
1447	10343432		-0.4	0.7	5.2	1.26E-02	27.34%
1448	10365601	<i>Gnptab</i>	-0.2	0.9	9.0	1.26E-02	27.34%
1449	10549594	<i>Ttyh1</i>	0.3	1.2	7.6	1.26E-02	27.35%
1450	10340041		0.3	1.2	6.9	1.26E-02	27.35%
1451	10483546		0.4	1.3	4.5	1.26E-02	27.35%
1452	10355152	<i>Fzd5</i>	-0.2	0.9	8.6	1.27E-02	27.43%
1453	10452793	<i>Galnt14</i>	-0.2	0.9	5.1	1.27E-02	27.44%
1454	10506146		-0.3	0.8	6.1	1.27E-02	27.45%
1455	10358579	<i>Hmcn1</i>	-0.4	0.8	7.4	1.27E-02	27.45%
1456	10341861		-0.4	0.8	8.5	1.27E-02	27.45%
1457	10341883		-0.3	0.8	7.5	1.27E-02	27.50%
1458	10544186	<i>Mkrn1</i>	-0.3	0.8	9.6	1.28E-02	27.54%
1459	10424853	<i>Fam203a</i>	0.3	1.2	7.8	1.28E-02	27.54%
1460	10377473	<i>Aloxe3</i>	-0.4	0.8	6.1	1.28E-02	27.55%
1461	10484640	<i>Olfir1099</i>	0.3	1.3	4.8	1.28E-02	27.58%
1462	10341664		-0.5	0.7	5.9	1.28E-02	27.58%
1463	10535938	<i>N4bp2l1</i>	-0.5	0.7	7.8	1.28E-02	27.60%
1464	10498775	<i>Golim4</i>	-0.4	0.7	8.2	1.29E-02	27.61%
1465	10341579		0.5	1.5	8.1	1.29E-02	27.62%
1466	10531057	<i>Ugt2b5</i>	-0.8	0.6	7.8	1.29E-02	27.63%
1467	10388488	<i>Fam101b</i>	-0.3	0.8	9.5	1.29E-02	27.63%

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1468	10456653	<i>Myo5b</i>	-0.2	0.9	10.4	1.29E-02	27.65%
1469	10349051	<i>Tnfrsf11a</i>	-0.2	0.9	9.0	1.29E-02	27.65%
1470	10440300		0.3	1.3	9.3	1.29E-02	27.65%
1471	10506880	<i>Kti12</i>	0.2	1.2	10.4	1.29E-02	27.65%
1472	10607189	<i>Amot</i>	-0.2	0.8	7.2	1.29E-02	27.66%
1473	10494299	<i>Ensa</i>	-0.2	0.9	8.6	1.30E-02	27.66%
1474	10604248	<i>Thoc2</i>	-0.3	0.8	9.5	1.30E-02	27.67%
1475	10341305		0.5	1.4	4.6	1.30E-02	27.67%
1476	10589587	<i>Setd2</i>	-0.3	0.8	8.8	1.30E-02	27.71%
1477	10351206	<i>Selp</i>	-0.2	0.9	6.1	1.31E-02	27.77%
1478	10407591	<i>Chrm3</i>	-0.3	0.8	7.9	1.31E-02	27.77%
1479	10339369		-0.5	0.7	6.7	1.31E-02	27.77%
1480	10479971		-0.2	0.8	6.0	1.31E-02	27.77%
1481	10338258		0.4	1.3	8.5	1.31E-02	27.80%
1482	10600857	<i>Heph</i>	-0.2	0.9	10.5	1.31E-02	27.80%
1483	10339172		-0.4	0.8	9.0	1.31E-02	27.84%
1484	10339638		0.6	1.5	5.1	1.31E-02	27.84%
1485	10404506	<i>Ripk1</i>	-0.2	0.9	9.2	1.31E-02	27.84%
1486	10343350		-0.2	0.9	10.4	1.32E-02	27.86%
1487	10484575	<i>Olf1048</i>	0.2	1.2	4.0	1.32E-02	27.94%
1488	10529758	<i>Bod11</i>	-0.3	0.8	7.9	1.32E-02	27.96%
1489	10338756		-0.6	0.7	5.9	1.32E-02	27.98%
1490	10377569	<i>Fxr2</i>	-0.2	0.9	8.3	1.33E-02	28.01%
1491	10341762		-0.7	0.6	4.9	1.33E-02	28.01%
1492	10364428	<i>Olf157</i>	-0.3	0.8	4.3	1.33E-02	28.03%
1493	10383982	<i>Znrf3</i>	-0.2	0.9	7.6	1.33E-02	28.05%
1494	10343016		-0.3	0.8	8.4	1.33E-02	28.06%
1495	10572357	<i>Cope</i>	0.2	1.2	10.6	1.33E-02	28.08%
1496	10454741	<i>Kdm3b</i>	-0.2	0.9	9.4	1.34E-02	28.11%
1497	10360460	<i>Chml</i>	-0.5	0.7	7.6	1.34E-02	28.11%
1498	10376564	<i>Med9</i>	0.2	1.1	7.8	1.34E-02	28.11%
1499	10376721	<i>Smcr8</i>	-0.2	0.9	7.8	1.34E-02	28.11%
1500	10416725		0.5	1.5	4.6	1.34E-02	28.11%
1501	10342798		-0.7	0.6	6.9	1.34E-02	28.11%
1502	10338921		-0.5	0.7	6.4	1.34E-02	28.11%
1503	10442454	<i>Pgp</i>	0.2	1.1	10.1	1.34E-02	28.11%
1504	10341859		-0.2	0.9	11.9	1.35E-02	28.14%
1505	10453867	<i>Rbbp8</i>	-0.5	0.7	8.1	1.35E-02	28.19%
1506	10418410	<i>Prkcd</i>	-0.2	0.8	10.5	1.35E-02	28.21%
1507	10482144	<i>Rc3h2</i>	-0.2	0.9	9.8	1.35E-02	28.21%
1508	10402117	<i>Rps6ka5</i>	-0.6	0.7	7.5	1.35E-02	28.21%

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1509	10581654	<i>Calb2</i>	-0.4	0.8	6.5	1.35E-02	28.21%
1510	10585444	<i>Ireb2</i>	-0.5	0.7	10.4	1.35E-02	28.21%
1511	10431802	<i>Twfl</i>	-0.1	0.9	11.3	1.36E-02	28.21%
1512	10353947	<i>Tmem131</i>	-0.2	0.9	10.7	1.36E-02	28.21%
1513	10437646	<i>Tekt5</i>	0.3	1.3	5.9	1.36E-02	28.21%
1514	10363224	<i>Fabp7</i>	0.5	1.4	6.6	1.36E-02	28.21%
1515	10399029		0.2	1.2	5.3	1.36E-02	28.21%
1516	10343285		-0.3	0.8	8.3	1.36E-02	28.23%
1517	10599514	<i>Bcor11</i>	-0.3	0.8	7.5	1.36E-02	28.23%
1518	10501358	<i>Sars</i>	0.2	1.2	10.1	1.36E-02	28.25%
1519	10344285		-0.5	0.7	7.6	1.36E-02	28.25%
1520	10405693	<i>Dapk1</i>	0.3	1.2	7.7	1.37E-02	28.26%
1521	10361270	<i>Cd46</i>	-0.4	0.8	6.5	1.37E-02	28.26%
1522	10493189		-0.2	0.8	6.5	1.37E-02	28.26%
1523	10484541	<i>Olf154</i>	0.2	1.1	4.3	1.37E-02	28.26%
1524	10601848	<i>Arxes1</i>	0.4	1.3	4.1	1.37E-02	28.26%
1525	10508228	<i>Zmym6</i>	-0.2	0.9	7.2	1.37E-02	28.26%
1526	10418218	<i>Slmap</i>	-0.2	0.9	9.8	1.37E-02	28.26%
1527	10565852	<i>Rnf169</i>	-0.2	0.9	8.4	1.37E-02	28.26%
1528	10512892	<i>Acnat1</i>	-0.3	0.8	10.4	1.37E-02	28.26%
1529	10550465	<i>Ceacam11</i>	0.3	1.2	4.8	1.38E-02	28.26%
1530	10381697	<i>Hexim1</i>	-0.4	0.8	8.3	1.38E-02	28.26%
1531	10365450	<i>Pwp1</i>	0.3	1.2	8.5	1.38E-02	28.26%
1532	10401891	<i>Ston2</i>	-0.3	0.8	8.4	1.38E-02	28.31%
1533	10341596		-0.2	0.9	12.4	1.38E-02	28.31%
1534	10342266		-0.4	0.7	5.5	1.39E-02	28.41%
1535	10417568	<i>Oit1</i>	0.4	1.4	10.6	1.39E-02	28.41%
1536	10515710	<i>Szt2</i>	-0.3	0.8	8.2	1.39E-02	28.41%
1537	10578746	<i>BC088983</i>	-0.3	0.8	6.9	1.39E-02	28.41%
1538	10500103	<i>Gabpb2</i>	-0.2	0.9	9.1	1.39E-02	28.41%
1539	10342396		-0.5	0.7	3.8	1.39E-02	28.41%
1540	10342509		0.4	1.3	3.1	1.39E-02	28.41%
1541	10344309		0.2	1.2	10.3	1.39E-02	28.41%
1542	10538970	<i>Krcc1</i>	-0.2	0.9	8.0	1.39E-02	28.43%
1543	10344072		-0.2	0.8	9.9	1.40E-02	28.45%
1544	10479324	<i>Gtpbp5</i>	0.2	1.1	7.4	1.40E-02	28.45%
1545	10457429	<i>Rock1</i>	-0.3	0.8	9.7	1.40E-02	28.54%
1546	10356626		-0.2	0.8	8.8	1.41E-02	28.59%
1547	10349237		0.2	1.2	3.2	1.41E-02	28.61%
1548	10343182		0.2	1.2	10.8	1.41E-02	28.61%
1549	10379795	<i>Synrg</i>	-0.1	0.9	8.5	1.41E-02	28.64%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1550	10467489	<i>Ptp4a1</i>	-0.3	0.8	11.3	1.41E-02	28.64%
1551	10484824	<i>Olfr1241</i>	0.2	1.1	4.1	1.41E-02	28.65%
1552	10341884		-0.4	0.7	5.7	1.42E-02	28.77%
1553	10603310	<i>Mir532</i>	0.3	1.3	5.8	1.42E-02	28.77%
1554	10363231	<i>Smpd13a</i>	-0.5	0.7	10.9	1.42E-02	28.77%
1555	10338399		-0.2	0.9	10.0	1.42E-02	28.77%
1556	10596072	<i>Ppp2r3a</i>	-0.3	0.8	7.3	1.42E-02	28.77%
1557	10590791	<i>Birc2</i>	-0.3	0.8	8.7	1.42E-02	28.78%
1558	10507726	<i>Cited4</i>	0.2	1.2	7.6	1.43E-02	28.81%
1559	10343504		-0.2	0.9	11.0	1.43E-02	28.81%
1560	10341118		0.6	1.5	5.7	1.43E-02	28.81%
1561	10463164	<i>Frat1</i>	-0.4	0.7	8.9	1.43E-02	28.84%
1562	10448186	<i>Zfp820</i>	-0.4	0.8	6.7	1.43E-02	28.84%
1563	10341992		-0.3	0.8	7.7	1.43E-02	28.84%
1564	10341918		0.4	1.3	5.7	1.43E-02	28.84%
1565	10355456	<i>Mreg</i>	-0.3	0.8	7.2	1.44E-02	28.86%
1566	10575326		0.2	1.1	7.6	1.44E-02	28.88%
1567	10338416		-0.5	0.7	8.0	1.44E-02	28.88%
1568	10588731	<i>Mst1r</i>	-0.2	0.8	8.2	1.44E-02	28.88%
1569	10404763	<i>Tmem170b</i>	-0.2	0.9	8.5	1.44E-02	28.88%
1570	10442172	<i>Zfp160</i>	-0.3	0.8	7.3	1.44E-02	28.88%
1571	10338086		-0.3	0.8	7.8	1.44E-02	28.88%
1572	10342605		-0.6	0.7	3.2	1.44E-02	28.88%
1573	10574676	<i>Nol3</i>	0.2	1.2	6.9	1.44E-02	28.88%
1574	10395155	<i>Fam110c</i>	-0.4	0.8	8.8	1.44E-02	28.88%
1575	10419759	<i>Prmt5</i>	0.2	1.1	9.5	1.45E-02	28.90%
1576	10342382		-0.4	0.8	6.5	1.45E-02	28.92%
1577	10602372	<i>Alas2</i>	0.4	1.3	6.5	1.45E-02	28.93%
1578	10544417	<i>Epha1</i>	-0.5	0.7	9.1	1.45E-02	28.97%
1579	10491825	<i>3110057O12Rik</i>	-0.4	0.8	9.0	1.46E-02	28.99%
1580	10430993	<i>1700001L05Rik</i>	-0.2	0.9	7.8	1.46E-02	29.00%
1581	10344012		-0.3	0.8	10.3	1.46E-02	29.00%
1582	10400605	<i>Rpl10l</i>	0.4	1.4	5.7	1.46E-02	29.03%
1583	10419525	<i>A930018M24Rik</i>	-0.4	0.8	6.2	1.46E-02	29.03%
1584	10341720		-0.3	0.8	10.8	1.46E-02	29.03%
1585	10369171	<i>9530009G21Rik</i>	-0.4	0.8	6.9	1.46E-02	29.05%
1586	10358549	<i>Hmcn1</i>	-0.3	0.8	6.8	1.47E-02	29.07%
1587	10386169		-0.2	0.9	5.8	1.47E-02	29.10%
1588	10342563		-0.4	0.8	7.1	1.47E-02	29.10%
1589	10495111	<i>Wdr77</i>	0.2	1.2	9.2	1.47E-02	29.11%
1590	10373924	<i>Ascc2</i>	-0.1	0.9	9.4	1.48E-02	29.18%

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1591	10372618	<i>Frs2</i>	-0.2	0.9	8.6	1.48E-02	29.26%
1592	10542677	<i>Etnk1</i>	-0.3	0.8	9.8	1.48E-02	29.30%
1593	10340390		-0.3	0.8	6.8	1.49E-02	29.40%
1594	10354649	<i>Pgap1</i>	-0.4	0.8	9.5	1.49E-02	29.40%
1595	10340224		0.3	1.2	2.3	1.49E-02	29.40%
1596	10339325		0.3	1.3	8.8	1.49E-02	29.40%
1597	10340462		0.6	1.5	3.5	1.49E-02	29.40%
1598	10462330	<i>Ppapdc2</i>	-0.2	0.9	9.0	1.50E-02	29.40%
1599	10453830	<i>Mib1</i>	-0.2	0.9	8.6	1.50E-02	29.40%
1600	10343249		-0.3	0.8	6.7	1.50E-02	29.40%
1601	10519747	<i>Sema3e</i>	-0.2	0.9	5.8	1.50E-02	29.40%
1602	10588669	<i>Rassf1</i>	-0.2	0.9	7.5	1.50E-02	29.40%
1603	10462333	<i>Cdc37l1</i>	-0.4	0.8	8.5	1.50E-02	29.40%
1604	10402703	<i>I200009I06Rik</i>	0.3	1.3	7.7	1.50E-02	29.40%
1605	10559343	<i>Shank2</i>	-0.2	0.9	6.9	1.50E-02	29.40%
1606	10339183		0.6	1.5	3.1	1.50E-02	29.40%
1607	10547553	<i>Mical3</i>	-0.2	0.9	7.6	1.50E-02	29.40%
1608	10397052		0.2	1.2	5.2	1.50E-02	29.41%
1609	10558285	<i>Zranb1</i>	-0.3	0.8	8.8	1.51E-02	29.48%
1610	10382788	<i>Galr2</i>	0.2	1.2	6.1	1.51E-02	29.48%
1611	10529605	<i>Wfs1</i>	0.2	1.1	8.7	1.51E-02	29.48%
1612	10481804	<i>Ralgps1</i>	-0.3	0.8	8.4	1.51E-02	29.48%
1613	10410776		-0.2	0.9	5.3	1.51E-02	29.48%
1614	10591653	<i>Tmem205</i>	0.2	1.2	8.3	1.51E-02	29.48%
1615	10536667	<i>Ptprz1</i>	-0.3	0.8	4.5	1.51E-02	29.48%
1616	10523062	<i>Alb</i>	2.3	4.8	9.2	1.51E-02	29.48%
1617	10473221		0.3	1.2	6.3	1.52E-02	29.51%
1618	10357948	<i>Ppp1r12b</i>	-0.2	0.9	7.9	1.52E-02	29.51%
1619	10446027	<i>Chaf1a</i>	-0.2	0.9	7.3	1.52E-02	29.51%
1620	10438098	<i>Sdf2l1</i>	0.4	1.3	10.2	1.52E-02	29.51%
1621	10449386	<i>D17Wsu92e</i>	-0.2	0.9	9.7	1.52E-02	29.51%
1622	10466104	<i>Ccdc86</i>	0.3	1.2	8.2	1.52E-02	29.51%
1623	10521068	<i>4933407H18Rik</i>	-0.2	0.9	7.0	1.52E-02	29.52%
1624	10347335	<i>Slc11a1</i>	0.2	1.1	7.3	1.53E-02	29.61%
1625	10582884		1.6	3.0	6.8	1.53E-02	29.61%
1626	10455873	<i>Slc12a2</i>	-0.3	0.8	10.3	1.53E-02	29.61%
1627	10339643		0.4	1.3	7.1	1.53E-02	29.61%
1628	10342534		-0.4	0.8	9.0	1.53E-02	29.64%
1629	10367252	<i>Pan2</i>	-0.2	0.9	9.0	1.54E-02	29.68%
1630	10482496		-0.3	0.8	7.6	1.54E-02	29.68%
1631	10341368		0.9	1.9	5.2	1.54E-02	29.68%

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1632	10522288	<i>Shisa3</i>	0.2	1.2	6.4	1.54E-02	29.68%
1633	10596261	<i>Dnajc13</i>	-0.2	0.9	10.3	1.54E-02	29.68%
1634	10343803		-0.3	0.8	8.6	1.54E-02	29.70%
1635	10339044		-0.4	0.7	3.9	1.54E-02	29.71%
1636	10554142	<i>2310037I24Rik</i>	-0.2	0.9	8.7	1.55E-02	29.74%
1637	10340037		0.5	1.4	2.8	1.55E-02	29.74%
1638	10422718	<i>Ttc33</i>	-0.3	0.8	7.1	1.55E-02	29.74%
1639	10349480	<i>R3hdm1</i>	-0.2	0.9	9.2	1.55E-02	29.75%
1640	10368136	<i>Gm4922</i>	0.2	1.1	5.0	1.55E-02	29.75%
1641	10409896	<i>Ctsq</i>	0.5	1.4	4.1	1.55E-02	29.75%
1642	10563275	<i>Ruvbl2</i>	0.2	1.2	8.4	1.55E-02	29.75%
1643	10516926	<i>Med18</i>	0.2	1.2	6.8	1.56E-02	29.85%
1644	10408386	<i>Prl8a8</i>	0.4	1.3	3.7	1.57E-02	29.95%
1645	10504203		-0.3	0.8	3.3	1.58E-02	30.11%
1646	10512411	<i>Fancg</i>	-0.2	0.9	7.6	1.58E-02	30.11%
1647	10603289	<i>Clcn5</i>	-0.3	0.8	9.3	1.58E-02	30.19%
1648	10397281	<i>Ylpm1</i>	-0.2	0.9	8.4	1.58E-02	30.20%
1649	10550738		0.4	1.3	5.9	1.58E-02	30.21%
1650	10341169		0.2	1.2	10.1	1.59E-02	30.25%
1651	10380660	<i>Hoxb2</i>	0.2	1.1	6.9	1.59E-02	30.25%
1652	10339391		-0.3	0.8	10.9	1.59E-02	30.25%
1653	10548326	<i>Clec2e</i>	-0.6	0.7	10.2	1.59E-02	30.32%
1654	10382243	<i>Gna13</i>	-0.1	0.9	11.1	1.60E-02	30.33%
1655	10510221	<i>Gm3579</i>	-0.4	0.8	5.7	1.60E-02	30.33%
1656	10416800	<i>Lmo7</i>	-0.2	0.9	10.4	1.60E-02	30.33%
1657	10344588		0.6	1.5	5.5	1.60E-02	30.33%
1658	10545123	<i>Vmn1r38</i>	0.2	1.1	3.7	1.60E-02	30.33%
1659	10527832	<i>Pds5b</i>	-0.2	0.9	8.9	1.60E-02	30.33%
1660	10380219	<i>Vezf1</i>	-0.2	0.8	9.1	1.60E-02	30.33%
1661	10554233	<i>Aen</i>	0.2	1.1	7.3	1.60E-02	30.33%
1662	10379944	<i>Tbx4</i>	0.2	1.2	6.1	1.60E-02	30.33%
1663	10604380	<i>Zdhhc9</i>	-0.2	0.8	10.3	1.60E-02	30.33%
1664	10451054	<i>Enpp4</i>	-0.3	0.8	9.4	1.61E-02	30.36%
1665	10341599		-0.5	0.7	5.4	1.61E-02	30.37%
1666	10469954	<i>Tmem203</i>	0.1	1.1	8.8	1.61E-02	30.37%
1667	10543904	<i>Cnot4</i>	-0.2	0.9	9.2	1.61E-02	30.37%
1668	10408097	<i>Prss16</i>	0.3	1.2	7.1	1.61E-02	30.37%
1669	10518132	<i>Prdm2</i>	-0.2	0.9	8.7	1.61E-02	30.39%
1670	10526838	<i>Got2</i>	0.3	1.3	7.8	1.61E-02	30.39%
1671	10339744		-0.8	0.6	5.3	1.61E-02	30.39%
1672	10512308	<i>Sigmar1</i>	0.3	1.2	10.4	1.62E-02	30.39%

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1673	10542822	<i>Rep15</i>	-0.4	0.8	8.8	1.62E-02	30.39%
1674	10467637	<i>Arhgap19</i>	-0.3	0.8	8.1	1.62E-02	30.39%
1675	10580169	<i>Ccdc130</i>	0.2	1.1	8.3	1.62E-02	30.39%
1676	10367045	<i>Rdh16</i>	-0.5	0.7	5.9	1.62E-02	30.39%
1677	10435024	<i>Rnf168</i>	-0.2	0.9	8.7	1.62E-02	30.39%
1678	10343229		-0.8	0.6	5.5	1.62E-02	30.39%
1679	10341967		-0.2	0.9	11.3	1.62E-02	30.39%
1680	10380654	<i>Hoxb3</i>	0.2	1.2	7.5	1.63E-02	30.39%
1681	10546508		-0.4	0.8	7.4	1.63E-02	30.39%
1682	10475000	<i>Rtf1</i>	-0.2	0.9	8.8	1.63E-02	30.39%
1683	10379936	<i>Tbx2</i>	0.2	1.1	7.7	1.63E-02	30.39%
1684	10363161	<i>Tmem229b</i>	-0.6	0.7	8.4	1.63E-02	30.39%
1685	10532828	<i>Mmab</i>	0.2	1.2	7.7	1.63E-02	30.39%
1686	10426477	<i>Snrpc</i>	0.2	1.1	9.0	1.63E-02	30.39%
1687	10472724	<i>Gorasp2</i>	0.2	1.2	11.2	1.63E-02	30.39%
1688	10462357	<i>Mir101b</i>	0.2	1.1	4.7	1.63E-02	30.39%
1689	10472621	<i>Ubr3</i>	-0.2	0.9	9.5	1.63E-02	30.39%
1690	10338116		0.5	1.4	10.8	1.63E-02	30.39%
1691	10374068	<i>Dbnl</i>	0.2	1.2	9.1	1.64E-02	30.48%
1692	10499935	<i>Lceli</i>	-0.4	0.7	5.3	1.64E-02	30.48%
1693	10342416		-0.1	0.9	11.7	1.64E-02	30.48%
1694	10339030		-0.3	0.8	10.8	1.64E-02	30.48%
1695	10341726		-0.4	0.7	4.9	1.64E-02	30.48%
1696	10343410		0.7	1.6	9.7	1.64E-02	30.48%
1697	10515690	<i>Szt2</i>	-0.3	0.8	6.2	1.64E-02	30.48%
1698	10600372		-0.2	0.9	6.4	1.65E-02	30.48%
1699	10357773	<i>Mdm4</i>	-0.2	0.8	9.1	1.65E-02	30.48%
1700	10475890	<i>Mertk</i>	-0.6	0.7	10.7	1.65E-02	30.48%
1701	10362073	<i>Sgk1</i>	-0.8	0.6	9.4	1.65E-02	30.49%
1702	10344135		-0.8	0.6	7.0	1.65E-02	30.50%
1703	10528287	<i>Gm6718</i>	0.3	1.2	5.4	1.65E-02	30.51%
1704	10460285	<i>Nudt8</i>	0.2	1.1	7.9	1.65E-02	30.51%
1705	10449657	<i>Tff3</i>	-0.2	0.9	13.2	1.65E-02	30.51%
1706	10502279	<i>Arhgef38</i>	-0.2	0.9	8.5	1.66E-02	30.51%
1707	10420247	<i>Mcpt4</i>	0.4	1.4	6.0	1.66E-02	30.51%
1708	10372557	<i>Gm239</i>	-0.5	0.7	9.9	1.66E-02	30.51%
1709	10341204		-0.2	0.9	11.4	1.66E-02	30.51%
1710	10534912	<i>6430598A04Rik</i>	-0.2	0.9	6.7	1.66E-02	30.51%
1711	10403054		0.6	1.5	11.3	1.66E-02	30.53%
1712	10523802	<i>Cdc7</i>	-0.2	0.9	6.6	1.66E-02	30.53%
1713	10499917	<i>Lcel1a2</i>	-0.3	0.8	5.0	1.66E-02	30.53%

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1714	10511149	<i>Mrpl20</i>	0.3	1.2	9.5	1.66E-02	30.53%
1715	10338819		0.9	1.8	7.1	1.66E-02	30.53%
1716	10597871	<i>Higd1a</i>	-0.3	0.8	7.3	1.67E-02	30.53%
1717	10406825	<i>Ankra2</i>	-0.2	0.9	8.2	1.67E-02	30.53%
1718	10470547	<i>Mrps2</i>	0.2	1.1	8.9	1.67E-02	30.53%
1719	10358658	<i>Hmcn1</i>	-0.3	0.8	7.1	1.67E-02	30.53%
1720	10358567	<i>Hmcn1</i>	-0.3	0.8	5.3	1.67E-02	30.53%
1721	10488459	<i>Zfp442</i>	-0.6	0.7	6.2	1.67E-02	30.53%
1722	10341387		-0.4	0.7	7.0	1.67E-02	30.56%
1723	10341603		-0.5	0.7	6.1	1.68E-02	30.58%
1724	10403076		0.3	1.2	9.4	1.68E-02	30.58%
1725	10468022	<i>Mrpl43</i>	0.2	1.2	9.0	1.68E-02	30.59%
1726	10342902		-0.7	0.6	7.1	1.68E-02	30.59%
1727	10339774		-0.3	0.8	8.7	1.68E-02	30.60%
1728	10606160	<i>Rfwd2</i>	-0.3	0.8	9.7	1.68E-02	30.60%
1729	10527332	<i>Nptx2</i>	0.2	1.2	7.2	1.68E-02	30.60%
1730	10577866	<i>Ash2l</i>	-0.2	0.8	9.4	1.68E-02	30.60%
1731	10344203		0.5	1.4	3.4	1.68E-02	30.62%
1732	10502482		0.2	1.1	3.1	1.69E-02	30.66%
1733	10552260		0.4	1.3	5.3	1.69E-02	30.66%
1734	10398936	<i>Pacs2</i>	-0.2	0.9	8.5	1.69E-02	30.66%
1735	10468131	<i>9130011E15Rik</i>	-0.2	0.9	8.4	1.69E-02	30.66%
1736	10416653	<i>Kbtbd7</i>	-0.4	0.8	7.1	1.69E-02	30.66%
1737	10365408	<i>Ric8b</i>	-0.2	0.9	8.5	1.69E-02	30.66%
1738	10428579	<i>Ext1</i>	0.4	1.3	9.2	1.70E-02	30.66%
1739	10441161	<i>Hmgn1</i>	0.2	1.2	8.3	1.70E-02	30.66%
1740	10342796		-0.5	0.7	7.7	1.70E-02	30.66%
1741	10475912	<i>Tmem87b</i>	-0.2	0.9	9.6	1.70E-02	30.66%
1742	10390032	<i>Acsf2</i>	-0.5	0.7	9.6	1.70E-02	30.66%
1743	10451818	<i>Sult1c2</i>	-0.8	0.6	6.7	1.70E-02	30.66%
1744	10479979	<i>Slc25a36</i>	-0.4	0.7	10.6	1.70E-02	30.66%
1745	10566543	<i>Dchs1</i>	-0.2	0.9	6.9	1.70E-02	30.66%
1746	10482918		-0.2	0.9	7.2	1.70E-02	30.66%
1747	10340757		-0.3	0.8	9.8	1.70E-02	30.66%
1748	10412919		0.2	1.2	3.3	1.70E-02	30.67%
1749	10339433		-0.3	0.8	6.0	1.71E-02	30.67%
1750	10604637	<i>Cxx1a</i>	0.3	1.2	7.8	1.71E-02	30.67%
1751	10540012	<i>Zxdc</i>	-0.2	0.9	8.0	1.71E-02	30.67%
1752	10457927		0.4	1.4	7.7	1.71E-02	30.67%
1753	10340987		-0.6	0.7	4.8	1.71E-02	30.69%
1754	10379765	<i>Hnflb</i>	-0.3	0.8	8.3	1.71E-02	30.69%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1755	10440713	<i>Krtap16-8</i>	0.2	1.2	4.1	1.72E-02	30.69%
1756	10339323		-0.8	0.6	7.2	1.72E-02	30.69%
1757	10468789	<i>Pdzd8</i>	-0.2	0.9	9.4	1.72E-02	30.69%
1758	10425461	<i>Adsl</i>	0.3	1.2	9.1	1.72E-02	30.69%
1759	10549504	<i>Dennd5b</i>	-0.6	0.7	8.7	1.72E-02	30.69%
1760	10520483	<i>Ept1</i>	-0.2	0.9	11.9	1.72E-02	30.69%
1761	10449370	<i>Rps10</i>	0.1	1.1	11.4	1.72E-02	30.69%
1762	10492426	<i>Acsf2</i>	-0.5	0.7	9.6	1.72E-02	30.69%
1763	10377953	<i>Kif1c</i>	-0.2	0.9	8.5	1.72E-02	30.69%
1764	10438564	<i>Rps10</i>	0.1	1.1	12.3	1.72E-02	30.69%
1765	10503234	<i>Clvs1</i>	0.3	1.2	6.2	1.72E-02	30.69%
1766	10588522	<i>Rrp9</i>	0.3	1.2	7.8	1.72E-02	30.69%
1767	10513156	<i>Ptpn3</i>	-0.3	0.8	8.4	1.72E-02	30.70%
1768	10512443	<i>Stoml2</i>	0.2	1.2	9.7	1.73E-02	30.71%
1769	10453900	<i>Riok3</i>	-0.2	0.9	9.7	1.73E-02	30.74%
1770	10463997	<i>Pdcd4</i>	-0.2	0.8	10.5	1.73E-02	30.74%
1771	10502845	<i>Fam73a</i>	-0.2	0.9	8.2	1.73E-02	30.76%
1772	10579525	<i>Plvap</i>	0.3	1.3	8.2	1.73E-02	30.76%
1773	10547410	<i>Erc1</i>	-0.2	0.9	8.0	1.73E-02	30.76%
1774	10344332		-0.3	0.8	9.4	1.73E-02	30.76%
1775	10387545	<i>Eif4a1</i>	0.1	1.1	12.0	1.74E-02	30.80%
1776	10339582		-0.4	0.8	7.6	1.74E-02	30.88%
1777	10341227		0.3	1.2	8.5	1.75E-02	30.91%
1778	10341464		-0.2	0.9	11.4	1.75E-02	30.93%
1779	10562461	<i>C230052I12Rik</i>	0.3	1.2	8.7	1.75E-02	30.93%
1780	10340081		-0.6	0.7	3.2	1.75E-02	30.96%
1781	10369154	<i>Man1a</i>	-0.2	0.9	10.3	1.75E-02	30.97%
1782	10418804	<i>Timm23</i>	0.2	1.1	11.2	1.76E-02	30.98%
1783	10496569	<i>Gbp6</i>	0.6	1.6	8.8	1.76E-02	30.99%
1784	10340031		-0.4	0.8	7.5	1.76E-02	30.99%
1785	10485340	<i>Itpa</i>	0.2	1.1	9.0	1.76E-02	30.99%
1786	10434003	<i>Crkl</i>	-0.1	0.9	9.7	1.76E-02	30.99%
1787	10396778	<i>Mpp5</i>	-0.3	0.8	9.8	1.76E-02	30.99%
1788	10510629	<i>Nol9</i>	0.2	1.2	8.8	1.76E-02	30.99%
1789	10596137	<i>Srprb</i>	0.3	1.2	9.7	1.76E-02	30.99%
1790	10355147	<i>Fam119a</i>	0.2	1.2	6.8	1.77E-02	30.99%
1791	10340445		-0.9	0.5	4.4	1.77E-02	30.99%
1792	10341839		0.5	1.4	5.1	1.77E-02	30.99%
1793	10342324		-0.3	0.8	11.5	1.77E-02	31.08%
1794	10401160	<i>Tmem229b</i>	-0.5	0.7	7.7	1.77E-02	31.08%
1795	10356001	<i>Cul3</i>	-0.2	0.9	10.8	1.77E-02	31.08%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1796	10342171		-0.2	0.9	10.4	1.77E-02	31.08%
1797	10338889		0.5	1.4	5.8	1.78E-02	31.11%
1798	10342890		0.4	1.4	10.1	1.78E-02	31.18%
1799	10573733	<i>Papd5</i>	-0.2	0.9	9.6	1.78E-02	31.20%
1800	10349081	<i>Phlpp1</i>	-0.2	0.8	7.4	1.79E-02	31.24%
1801	10338474		-0.2	0.8	9.5	1.79E-02	31.24%
1802	10495042	<i>Ppm1j</i>	-0.8	0.6	7.6	1.79E-02	31.26%
1803	10384670		-0.4	0.7	5.1	1.79E-02	31.27%
1804	10338268		-0.5	0.7	5.8	1.79E-02	31.27%
1805	10461909	<i>BC016495</i>	-0.3	0.8	7.2	1.79E-02	31.27%
1806	10550925	<i>Zfp428</i>	0.3	1.3	6.2	1.80E-02	31.27%
1807	10583320	<i>BC017612</i>	0.2	1.1	6.9	1.80E-02	31.27%
1808	10341935		-0.7	0.6	4.3	1.80E-02	31.27%
1809	10341442		-0.6	0.7	6.4	1.80E-02	31.27%
1810	10400405	<i>Nfkbia</i>	-0.3	0.8	10.1	1.80E-02	31.27%
1811	10588696	<i>Nat6</i>	-0.3	0.8	7.4	1.80E-02	31.27%
1812	10344551		0.4	1.3	8.6	1.80E-02	31.30%
1813	10454286	<i>Mapre2</i>	-0.3	0.8	9.5	1.81E-02	31.33%
1814	10565250	<i>Mesdc1</i>	-0.2	0.9	8.0	1.81E-02	31.36%
1815	10339152		-0.5	0.7	4.4	1.81E-02	31.42%
1816	10343797		0.5	1.4	7.1	1.81E-02	31.42%
1817	10341893		-0.4	0.7	6.2	1.82E-02	31.42%
1818	10346722	<i>Nbeal1</i>	-0.3	0.8	9.3	1.82E-02	31.46%
1819	10356274	<i>Csprs</i>	0.4	1.3	6.1	1.82E-02	31.50%
1820	10489936	<i>Adnp</i>	-0.2	0.9	9.0	1.82E-02	31.54%
1821	10541532	<i>Foxj2</i>	-0.2	0.9	8.7	1.83E-02	31.54%
1822	10548735	<i>Dusp16</i>	-0.5	0.7	9.6	1.83E-02	31.59%
1823	10537834	<i>Arhgef5</i>	-0.2	0.9	10.1	1.83E-02	31.59%
1824	10461475	<i>Cpsf7</i>	-0.2	0.9	8.3	1.83E-02	31.59%
1825	10549361	<i>Tm7sf3</i>	0.2	1.1	9.6	1.83E-02	31.62%
1826	10503695	<i>Bach2</i>	-0.4	0.8	7.4	1.84E-02	31.64%
1827	10342443		0.3	1.2	7.8	1.84E-02	31.66%
1828	10437080	<i>Ttc3</i>	-0.2	0.9	8.4	1.84E-02	31.66%
1829	10524668	<i>Coq5</i>	0.3	1.2	9.5	1.84E-02	31.66%
1830	10576569	<i>BC021891</i>	-0.2	0.8	7.9	1.84E-02	31.66%
1831	10342429		0.3	1.2	5.3	1.84E-02	31.66%
1832	10529239	<i>Pisd</i>	-0.3	0.8	9.4	1.84E-02	31.66%
1833	10561204	<i>Itpkc</i>	-0.2	0.9	8.1	1.85E-02	31.66%
1834	10565362	<i>Vmn2r74</i>	0.3	1.2	4.0	1.85E-02	31.66%
1835	10477970	<i>Src</i>	-0.2	0.9	9.4	1.85E-02	31.66%
1836	10513166	<i>Ptpn3</i>	-0.3	0.8	9.7	1.85E-02	31.66%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1837	10549534	<i>4833442J19Rik</i>	-0.2	0.9	5.3	1.85E-02	31.68%
1838	10344284		-0.6	0.7	5.6	1.85E-02	31.68%
1839	10341094		-0.7	0.6	6.2	1.85E-02	31.68%
1840	10358999	<i>Xpr1</i>	-0.2	0.9	9.6	1.85E-02	31.68%
1841	10447239	<i>Abcg8</i>	-0.6	0.7	9.7	1.86E-02	31.68%
1842	10340815		0.6	1.5	6.1	1.86E-02	31.68%
1843	10430997	<i>Pacsin2</i>	-0.2	0.9	10.7	1.86E-02	31.68%
1844	10467838		-0.4	0.8	5.6	1.86E-02	31.68%
1845	10494170	<i>Lysmd1</i>	-0.2	0.9	6.7	1.86E-02	31.73%
1846	10500204	<i>Ecm1</i>	0.4	1.4	9.0	1.86E-02	31.73%
1847	10355974	<i>Wdly1</i>	-0.2	0.9	8.5	1.86E-02	31.73%
1848	10384349	<i>Polr2c</i>	0.2	1.2	9.9	1.86E-02	31.73%
1849	10512061	<i>Taf9</i>	0.2	1.2	9.7	1.87E-02	31.75%
1850	10485643	<i>AI314831</i>	0.3	1.2	5.7	1.87E-02	31.82%
1851	10432162	<i>2310037I24Rik</i>	-0.2	0.9	9.0	1.88E-02	31.86%
1852	10542310	<i>Cdkn1b</i>	-0.2	0.9	9.7	1.88E-02	31.86%
1853	10459730	<i>Me2</i>	-0.2	0.9	11.5	1.88E-02	31.86%
1854	10566231	<i>Olfir622</i>	0.2	1.1	5.0	1.88E-02	31.90%
1855	10530563	<i>Fryl</i>	-0.2	0.8	9.5	1.88E-02	31.90%
1856	10401109	<i>Gpx2</i>	0.4	1.3	12.3	1.88E-02	31.90%
1857	10373202	<i>Shmt2</i>	0.4	1.3	8.7	1.89E-02	31.94%
1858	10394560	<i>Smc6</i>	-0.3	0.8	8.9	1.89E-02	31.94%
1859	10572290	<i>Nr2c2ap</i>	0.3	1.2	8.4	1.89E-02	31.94%
1860	10344555		0.5	1.4	4.6	1.89E-02	31.94%
1861	10494565	<i>Fmo5</i>	-0.5	0.7	11.5	1.89E-02	31.94%
1862	10564888	<i>Unc45a</i>	0.1	1.1	8.3	1.89E-02	31.94%
1863	10364383		-0.2	0.8	5.3	1.89E-02	31.94%
1864	10404178	<i>BC005537</i>	-0.2	0.9	10.8	1.89E-02	31.96%
1865	10469575	<i>Gm13363</i>	-0.3	0.8	11.0	1.90E-02	32.01%
1866	10340590		0.5	1.4	6.1	1.90E-02	32.01%
1867	10552299	<i>Gm4884</i>	0.3	1.3	4.5	1.90E-02	32.02%
1868	10438042		0.2	1.2	3.7	1.90E-02	32.03%
1869	10425357	<i>Smcr7l</i>	0.2	1.1	8.1	1.90E-02	32.03%
1870	10443949	<i>Adamts10</i>	-0.2	0.8	7.7	1.91E-02	32.08%
1871	10491518		-0.3	0.8	5.9	1.91E-02	32.08%
1872	10493662	<i>Nup210l</i>	-0.3	0.8	7.0	1.91E-02	32.08%
1873	10560399		-0.4	0.8	4.5	1.91E-02	32.08%
1874	10344059		-0.4	0.8	8.6	1.91E-02	32.11%
1875	10589190		-0.9	0.5	7.9	1.91E-02	32.11%
1876	10342117		-0.5	0.7	7.6	1.92E-02	32.11%
1877	10581011		0.7	1.6	3.4	1.92E-02	32.11%

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1878	10443117	<i>Bak1</i>	0.3	1.2	6.8	1.92E-02	32.11%
1879	10530560	<i>Slain2</i>	0.3	1.2	6.4	1.92E-02	32.11%
1880	10354588	<i>Stk17b</i>	-0.5	0.7	11.3	1.92E-02	32.11%
1881	10598018		0.4	1.4	8.3	1.92E-02	32.11%
1882	10497090	<i>Ankrd13c</i>	-0.2	0.9	10.8	1.93E-02	32.18%
1883	10554965		0.2	1.2	7.6	1.93E-02	32.18%
1884	10542156	<i>Clec2d</i>	-0.3	0.8	10.6	1.93E-02	32.18%
1885	10389882	<i>Luc7l3</i>	-0.3	0.8	10.0	1.94E-02	32.28%
1886	10574962	<i>Nfatc3</i>	-0.2	0.9	9.8	1.94E-02	32.28%
1887	10554463	<i>Hddc3</i>	0.2	1.2	8.5	1.94E-02	32.28%
1888	10471814	<i>Gpr21</i>	-0.3	0.8	6.2	1.94E-02	32.28%
1889	10443007	<i>Neur11b</i>	-0.3	0.8	8.6	1.94E-02	32.28%
1890	10440099	<i>St3gal6</i>	-0.3	0.8	9.9	1.94E-02	32.28%
1891	10340484		0.6	1.5	4.2	1.94E-02	32.28%
1892	10374790		0.3	1.3	5.6	1.94E-02	32.28%
1893	10342063		-0.5	0.7	6.6	1.95E-02	32.32%
1894	10503196	<i>Chd7</i>	-0.3	0.8	8.3	1.95E-02	32.35%
1895	10566678	<i>Olfr485</i>	0.3	1.3	4.9	1.95E-02	32.38%
1896	10525296	<i>Brap</i>	-0.2	0.9	8.5	1.95E-02	32.38%
1897	10541067	<i>Eif4a3</i>	0.2	1.2	9.4	1.95E-02	32.38%
1898	10386388	<i>Snap47</i>	0.1	1.1	8.2	1.95E-02	32.38%
1899	10508647		-0.4	0.8	7.1	1.96E-02	32.40%
1900	10508649		-0.4	0.8	7.1	1.96E-02	32.40%
1901	10471784	<i>Rabgap1</i>	-0.2	0.9	9.2	1.96E-02	32.40%
1902	10365792	<i>Ccdc38</i>	0.2	1.1	3.6	1.96E-02	32.40%
1903	10412657		0.7	1.6	5.3	1.96E-02	32.44%
1904	10413216	<i>4931406H21Rik</i>	-0.2	0.8	6.8	1.97E-02	32.47%
1905	10341187		-0.3	0.8	7.7	1.97E-02	32.50%
1906	10342411		-0.6	0.7	6.6	1.97E-02	32.51%
1907	10345981	<i>Ercc5</i>	-0.2	0.9	8.0	1.97E-02	32.51%
1908	10571198		0.2	1.2	3.7	1.98E-02	32.55%
1909	10424221	<i>Wdr67</i>	-0.4	0.8	8.2	1.98E-02	32.55%
1910	10415911	<i>Kif13b</i>	-0.2	0.9	8.6	1.98E-02	32.55%
1911	10438592	<i>Liph</i>	-0.2	0.9	9.5	1.98E-02	32.55%
1912	10356335	<i>Nmur1</i>	0.2	1.2	6.9	1.98E-02	32.55%
1913	10557450	<i>Bola2</i>	0.2	1.1	7.9	1.98E-02	32.55%
1914	10348932	<i>Gin1</i>	-0.3	0.8	8.7	1.98E-02	32.55%
1915	10438751		-0.4	0.8	4.1	1.98E-02	32.55%
1916	10341539		-0.6	0.7	4.0	1.98E-02	32.55%
1917	10469923	<i>Entpd8</i>	0.3	1.2	9.6	1.99E-02	32.56%
1918	10385699	<i>Rmnd5b</i>	0.2	1.1	8.7	1.99E-02	32.56%

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1919	10424582		0.2	1.2	4.3	1.99E-02	32.56%
1920	10531796	<i>Wdfy3</i>	-0.1	0.9	8.3	1.99E-02	32.56%
1921	10373223	<i>Lrp1</i>	-0.3	0.8	10.0	1.99E-02	32.57%
1922	10338315		-0.2	0.8	10.7	1.99E-02	32.57%
1923	10340630		-0.2	0.8	8.5	1.99E-02	32.58%
1924	10416120		0.2	1.2	5.8	1.99E-02	32.58%
1925	10443690	<i>Glp1r</i>	0.4	1.3	7.2	1.99E-02	32.58%
1926	10503194	<i>Chd7</i>	-0.2	0.8	8.0	2.00E-02	32.58%
1927	10386495	<i>Tom1l2</i>	-0.2	0.9	9.0	2.00E-02	32.59%
1928	10342235		-0.7	0.6	4.9	2.00E-02	32.61%
1929	10505237		0.3	1.3	3.3	2.00E-02	32.63%
1930	10370127	<i>Pcnt</i>	-0.2	0.9	7.4	2.00E-02	32.63%
1931	10357103	<i>Cdh19</i>	-0.3	0.8	5.3	2.00E-02	32.66%
1932	10528911		0.2	1.2	8.6	2.01E-02	32.66%
1933	10563657		-0.2	0.9	6.6	2.01E-02	32.66%
1934	10508420	<i>Yars</i>	0.3	1.3	9.1	2.01E-02	32.66%
1935	10340061		0.6	1.6	5.2	2.01E-02	32.66%
1936	10339846		-0.3	0.8	2.6	2.01E-02	32.67%
1937	10512011	<i>Zfp292</i>	-0.2	0.9	9.4	2.01E-02	32.67%
1938	10342380		-0.4	0.8	7.4	2.01E-02	32.67%
1939	10380260	<i>Trim25</i>	-0.2	0.9	9.5	2.01E-02	32.67%
1940	10359571	<i>Fmo1</i>	0.4	1.3	8.6	2.02E-02	32.70%
1941	10530287	<i>Apbb2</i>	-0.2	0.9	8.6	2.02E-02	32.70%
1942	10361358	<i>Rgs17</i>	-0.2	0.9	5.3	2.02E-02	32.70%
1943	10494332		0.2	1.2	7.6	2.02E-02	32.70%
1944	10423049	<i>Prlr</i>	-0.3	0.8	9.7	2.03E-02	32.80%
1945	10340397		-0.5	0.7	6.3	2.03E-02	32.80%
1946	10341253		0.3	1.2	8.7	2.03E-02	32.80%
1947	10345141	<i>Lmbrd1</i>	-0.3	0.8	9.4	2.03E-02	32.80%
1948	10603270	<i>Bmp15</i>	0.3	1.2	5.1	2.03E-02	32.80%
1949	10447742	<i>Map3k4</i>	-0.1	0.9	7.9	2.03E-02	32.80%
1950	10476197	<i>Itpa</i>	0.2	1.1	8.9	2.03E-02	32.82%
1951	10342557		0.6	1.5	4.6	2.04E-02	32.82%
1952	10348906	<i>Gm6086</i>	-0.4	0.8	6.7	2.04E-02	32.84%
1953	10423230	<i>Cdh9</i>	-0.4	0.8	4.8	2.04E-02	32.84%
1954	10368979		0.2	1.2	5.2	2.04E-02	32.86%
1955	10537849	<i>Arhgef5</i>	-0.2	0.9	10.0	2.04E-02	32.86%
1956	10437668	<i>Socs1</i>	0.3	1.2	7.5	2.05E-02	32.86%
1957	10550749	<i>Nlrp9b</i>	-0.4	0.8	8.4	2.05E-02	32.86%
1958	10516894	<i>Rcc1</i>	0.2	1.1	7.8	2.05E-02	32.86%
1959	10530849		0.2	1.1	3.9	2.05E-02	32.86%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
1960	10485667	<i>Dnajc24</i>	0.2	1.1	8.7	2.05E-02	32.86%
1961	10499504	<i>Mtx1</i>	0.2	1.2	9.0	2.05E-02	32.86%
1962	10463308	<i>Abcc2</i>	-0.7	0.6	11.1	2.05E-02	32.86%
1963	10403038		0.7	1.6	8.9	2.05E-02	32.89%
1964	10354881		0.2	1.2	4.6	2.06E-02	32.96%
1965	10603508	<i>Ftsj1</i>	0.2	1.1	8.5	2.06E-02	32.96%
1966	10434552		0.1	1.1	5.9	2.06E-02	32.97%
1967	10343639		-0.3	0.8	7.2	2.06E-02	32.99%
1968	10588836	<i>Gmppb</i>	0.4	1.3	8.3	2.06E-02	32.99%
1969	10344811	<i>Cspp1</i>	-0.2	0.9	8.8	2.07E-02	33.00%
1970	10533703	<i>Rsrc2</i>	-0.3	0.8	9.2	2.07E-02	33.03%
1971	10539741	<i>Aak1</i>	-0.2	0.9	9.3	2.07E-02	33.03%
1972	10438040	<i>Olfr19</i>	0.2	1.2	4.8	2.07E-02	33.03%
1973	10533071	<i>Suds3</i>	-0.1	0.9	10.2	2.07E-02	33.03%
1974	10480628	<i>Tubb2c</i>	0.2	1.2	10.7	2.07E-02	33.03%
1975	10490970		0.5	1.5	5.2	2.08E-02	33.04%
1976	10566664	<i>Olfr470</i>	0.2	1.1	4.1	2.08E-02	33.04%
1977	10438433	<i>Olfr171</i>	0.3	1.3	3.6	2.08E-02	33.04%
1978	10343771		-0.5	0.7	8.0	2.08E-02	33.04%
1979	10490731	<i>Sox18</i>	0.2	1.2	7.3	2.08E-02	33.07%
1980	10342664		-0.6	0.7	7.9	2.08E-02	33.09%
1981	10547288	<i>Ankrd26</i>	-0.2	0.9	6.8	2.08E-02	33.09%
1982	10608685	<i>Ppp4r2</i>	-0.3	0.8	9.3	2.09E-02	33.09%
1983	10514255	<i>Mllt3</i>	-0.3	0.8	8.9	2.09E-02	33.09%
1984	10416945	<i>Mir17hg</i>	-0.3	0.8	6.2	2.09E-02	33.09%
1985	10474102		1.4	2.7	5.3	2.09E-02	33.09%
1986	10342016		-0.4	0.8	8.6	2.09E-02	33.09%
1987	10346533	<i>Nif3l1</i>	0.3	1.2	9.2	2.09E-02	33.09%
1988	10579925	<i>Gab1</i>	-0.3	0.8	9.3	2.09E-02	33.09%
1989	10599348	<i>Gria3</i>	-0.3	0.8	6.4	2.09E-02	33.09%
1990	10549102	<i>Kcnj8</i>	0.3	1.3	8.1	2.09E-02	33.09%
1991	10604076	<i>Snora69</i>	0.7	1.6	8.4	2.09E-02	33.09%
1992	10433885	<i>Cebpd</i>	-0.3	0.8	6.9	2.10E-02	33.12%
1993	10515613	<i>Ptprf</i>	-0.3	0.8	10.0	2.10E-02	33.13%
1994	10522627	<i>Cep135</i>	-0.2	0.9	7.1	2.10E-02	33.13%
1995	10366266	<i>Pawr</i>	-0.3	0.8	9.2	2.10E-02	33.13%
1996	10341666		-0.5	0.7	8.0	2.10E-02	33.14%
1997	10531051	<i>Ugt2b36</i>	-0.7	0.6	8.3	2.10E-02	33.15%
1998	10565018	<i>Iqgap1</i>	-0.2	0.9	10.1	2.11E-02	33.16%
1999	10419274	<i>Gmfb</i>	-0.2	0.8	10.3	2.11E-02	33.16%
2000	10343135		-0.2	0.9	13.0	2.11E-02	33.16%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2001	10341500		0.5	1.4	4.1	2.11E-02	33.20%
2002	10499108	<i>Glt28d2</i>	-0.3	0.8	7.8	2.11E-02	33.20%
2003	10556082	<i>Ppfibp2</i>	-0.2	0.9	8.1	2.12E-02	33.23%
2004	10520362	<i>Insig1</i>	0.3	1.2	10.4	2.12E-02	33.23%
2005	10450154	<i>H2-Aa</i>	0.3	1.2	12.1	2.12E-02	33.24%
2006	10376474	<i>Mrpl55</i>	0.2	1.1	8.6	2.12E-02	33.24%
2007	10357529	<i>C4bp-ps1</i>	-0.3	0.8	4.0	2.12E-02	33.24%
2008	10367544	<i>Ctdsp2</i>	-0.2	0.9	10.1	2.12E-02	33.25%
2009	10457465	<i>Esco1</i>	-0.3	0.8	8.7	2.13E-02	33.25%
2010	10554081	<i>Ttc23</i>	-0.2	0.9	6.7	2.13E-02	33.25%
2011	10363455	<i>Pcbd1</i>	0.2	1.1	11.2	2.13E-02	33.25%
2012	10591357	<i>Eif3g</i>	0.3	1.2	10.3	2.13E-02	33.27%
2013	10530536	<i>Tec</i>	-0.4	0.8	8.5	2.13E-02	33.27%
2014	10461898	<i>Rfk</i>	0.2	1.2	12.9	2.13E-02	33.27%
2015	10525352	<i>Ppp1cc</i>	-0.1	0.9	11.9	2.13E-02	33.27%
2016	10515295	<i>Mast2</i>	-0.2	0.9	9.9	2.13E-02	33.27%
2017	10413161	<i>Cnot1</i>	-0.2	0.9	9.8	2.14E-02	33.31%
2018	10342345		0.2	1.2	8.4	2.14E-02	33.33%
2019	10549447	<i>Ipo8</i>	-0.2	0.9	9.7	2.14E-02	33.33%
2020	10430660	<i>Pdgfb</i>	-0.2	0.9	7.4	2.14E-02	33.33%
2021	10498187	<i>6030405A18Rik</i>	0.2	1.2	6.4	2.14E-02	33.34%
2022	10530733	<i>Clock</i>	-0.2	0.9	9.8	2.14E-02	33.34%
2023	10342978		-0.6	0.7	3.5	2.15E-02	33.34%
2024	10513164	<i>Ptpn3</i>	-0.4	0.8	9.2	2.15E-02	33.34%
2025	10342964		-0.5	0.7	6.9	2.15E-02	33.36%
2026	10436442	<i>Fam60a</i>	-0.2	0.8	9.9	2.15E-02	33.36%
2027	10410134		-0.2	0.9	6.5	2.15E-02	33.37%
2028	10394802	<i>5730507C01Rik</i>	0.3	1.3	6.8	2.16E-02	33.43%
2029	10545910	<i>Pcyox1</i>	-0.2	0.8	9.8	2.16E-02	33.43%
2030	10601235	<i>Ogt</i>	-0.3	0.8	11.1	2.16E-02	33.52%
2031	10402519	<i>Atg2b</i>	-0.3	0.8	8.5	2.16E-02	33.52%
2032	10548857	<i>Hist4h4</i>	0.2	1.2	9.0	2.17E-02	33.55%
2033	10339655		-0.9	0.5	6.4	2.17E-02	33.59%
2034	10342553		0.4	1.3	8.8	2.17E-02	33.64%
2035	10458804		0.2	1.2	6.6	2.18E-02	33.66%
2036	10596377		0.2	1.1	8.9	2.18E-02	33.66%
2037	10456972		0.2	1.2	5.0	2.19E-02	33.80%
2038	10342195		-0.5	0.7	3.2	2.19E-02	33.81%
2039	10339740		-0.3	0.8	9.7	2.19E-02	33.82%
2040	10341939		-0.2	0.9	8.6	2.19E-02	33.82%
2041	10347748	<i>Acsl3</i>	-0.5	0.7	8.7	2.20E-02	33.87%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2042	10478884	<i>Snai1</i>	0.2	1.1	7.5	2.20E-02	33.87%
2043	10604633	<i>Cxx1a</i>	0.3	1.2	7.8	2.20E-02	33.87%
2044	10364489	<i>Fgf22</i>	0.2	1.2	7.2	2.20E-02	33.87%
2045	10448136		-0.3	0.8	3.1	2.20E-02	33.87%
2046	10341995		0.2	1.1	12.9	2.20E-02	33.87%
2047	10585377		0.3	1.3	6.6	2.21E-02	33.92%
2048	10481827	<i>Zbtb34</i>	-0.2	0.9	7.6	2.21E-02	33.93%
2049	10473118	<i>Ube2e3</i>	-0.3	0.8	8.8	2.21E-02	33.94%
2050	10373027	<i>Tspan31</i>	0.2	1.1	11.3	2.21E-02	33.95%
2051	10567838	<i>Spns1</i>	-0.1	0.9	8.1	2.21E-02	33.95%
2052	10550650	<i>Ercc1</i>	0.2	1.1	8.0	2.22E-02	33.98%
2053	10578408	<i>Adam26b</i>	0.3	1.2	3.2	2.22E-02	33.98%
2054	10379689	<i>Taf15</i>	-0.2	0.9	9.6	2.22E-02	33.98%
2055	10360235	<i>Casq1</i>	-0.3	0.8	6.1	2.22E-02	33.99%
2056	10500157	<i>Setdb1</i>	-0.2	0.9	8.4	2.22E-02	34.00%
2057	10338972		-0.3	0.8	9.7	2.22E-02	34.00%
2058	10373157	<i>Mars</i>	0.3	1.2	8.6	2.22E-02	34.00%
2059	10437160	<i>Ets2</i>	-0.2	0.8	10.2	2.23E-02	34.07%
2060	10421172	<i>Slc25a37</i>	-0.4	0.8	9.7	2.23E-02	34.07%
2061	10429560	<i>Ly6i</i>	0.2	1.2	4.7	2.23E-02	34.07%
2062	10608659	<i>Klra22</i>	-0.2	0.9	2.8	2.23E-02	34.07%
2063	10476814	<i>Insm1</i>	0.2	1.1	7.4	2.24E-02	34.10%
2064	10440002	<i>Gpr128</i>	-0.1	0.9	12.6	2.24E-02	34.10%
2065	10598032		0.5	1.4	10.0	2.24E-02	34.10%
2066	10338394		-0.2	0.9	10.7	2.24E-02	34.10%
2067	10526250	<i>Abhd11</i>	0.2	1.1	9.5	2.24E-02	34.10%
2068	10368343	<i>Arg1</i>	0.6	1.5	5.8	2.24E-02	34.10%
2069	10550833	<i>Zfp180</i>	-0.2	0.8	8.5	2.25E-02	34.15%
2070	10465742	<i>Gm5631</i>	0.5	1.5	3.8	2.25E-02	34.15%
2071	10437040	<i>Chaf1b</i>	0.2	1.1	8.0	2.25E-02	34.15%
2072	10514374	<i>Gm7388</i>	0.3	1.2	4.7	2.25E-02	34.15%
2073	10338283		0.3	1.2	10.0	2.25E-02	34.15%
2074	10408935		-0.4	0.7	9.3	2.25E-02	34.16%
2075	10545190		1.1	2.1	9.4	2.25E-02	34.16%
2076	10566516	<i>Rrp8</i>	0.2	1.2	8.7	2.26E-02	34.23%
2077	10535389	<i>Rnf216</i>	-0.2	0.9	8.5	2.26E-02	34.23%
2078	10341491		-0.3	0.8	8.6	2.26E-02	34.23%
2079	10458340	<i>Hbegf</i>	0.5	1.4	9.3	2.26E-02	34.23%
2080	10590060	<i>Ctdspl</i>	-0.2	0.8	8.7	2.26E-02	34.23%
2081	10453461	<i>Fbxo11</i>	-0.3	0.8	9.2	2.27E-02	34.29%
2082	10557655		-0.2	0.9	10.0	2.27E-02	34.29%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
2083	10441917		0.2	1.2	6.9	2.27E-02	34.30%
2084	10473180	<i>Ppp1r1c</i>	-0.2	0.9	5.5	2.27E-02	34.31%
2085	10549582	<i>Tsen34</i>	0.2	1.1	9.1	2.28E-02	34.31%
2086	10439936	<i>Nfkbiz</i>	-0.3	0.8	9.1	2.28E-02	34.31%
2087	10428353	<i>Lrp12</i>	-0.5	0.7	8.5	2.28E-02	34.31%
2088	10520782	<i>Zfp512</i>	-0.2	0.9	7.8	2.28E-02	34.38%
2089	10450819	<i>Znrd1</i>	0.2	1.2	8.4	2.28E-02	34.38%
2090	10338333		0.6	1.5	7.3	2.28E-02	34.38%
2091	10523468	<i>Bmp2k</i>	-0.3	0.8	9.6	2.29E-02	34.40%
2092	10507976	<i>Yrdc</i>	0.2	1.2	7.0	2.29E-02	34.40%
2093	10342791		-0.7	0.6	4.4	2.29E-02	34.40%
2094	10358399	<i>Rgs13</i>	-1.5	0.3	6.1	2.29E-02	34.41%
2095	10360858	<i>C130074G19Rik</i>	-0.2	0.9	8.2	2.29E-02	34.41%
2096	10400559		-0.3	0.8	6.2	2.29E-02	34.42%
2097	10342127		0.4	1.3	7.2	2.30E-02	34.44%
2098	10342555		0.4	1.3	8.0	2.30E-02	34.44%
2099	10588091	<i>Cep70</i>	-0.4	0.8	7.3	2.30E-02	34.44%
2100	10425024	<i>1110038F14Rik</i>	0.3	1.2	8.4	2.30E-02	34.44%
2101	10338977		-0.3	0.8	9.1	2.30E-02	34.44%
2102	10567297	<i>Itpripl2</i>	-0.5	0.7	8.4	2.30E-02	34.44%
2103	10471360	<i>Golga2</i>	-0.2	0.9	8.3	2.30E-02	34.46%
2104	10554814	<i>Prss23</i>	0.3	1.3	6.9	2.31E-02	34.50%
2105	10545184		0.6	1.6	11.7	2.31E-02	34.52%
2106	10344160		0.2	1.2	10.9	2.31E-02	34.55%
2107	10397786	<i>Kif4b</i>	0.2	1.2	5.1	2.32E-02	34.57%
2108	10534596	<i>Cux1</i>	-0.3	0.8	8.4	2.32E-02	34.57%
2109	10505996	<i>Fggy</i>	0.2	1.2	6.2	2.32E-02	34.63%
2110	10571849	<i>Fbxo8</i>	-0.3	0.8	10.3	2.32E-02	34.63%
2111	10494924	<i>Trim33</i>	-0.3	0.8	8.8	2.32E-02	34.63%
2112	10538791	<i>Tnip3</i>	-0.2	0.9	5.0	2.33E-02	34.66%
2113	10449315	<i>2900010M23Rik</i>	0.3	1.2	10.1	2.33E-02	34.66%
2114	10361807	<i>Hivep2</i>	-0.4	0.7	8.3	2.33E-02	34.66%
2115	10523175	<i>Ereg</i>	0.6	1.5	7.1	2.33E-02	34.66%
2116	10523893	<i>Rpl5</i>	-0.2	0.9	11.7	2.33E-02	34.66%
2117	10536061	<i>Zfp141</i>	-0.3	0.8	7.9	2.33E-02	34.66%
2118	10455602	<i>Dmxl1</i>	-0.2	0.9	10.4	2.34E-02	34.69%
2119	10339271		0.3	1.2	7.5	2.34E-02	34.72%
2120	10581645	<i>Marveld3</i>	0.2	1.1	9.1	2.35E-02	34.81%
2121	10592406	<i>Olfr952</i>	0.3	1.2	3.8	2.35E-02	34.81%
2122	10341583		-0.7	0.6	5.1	2.35E-02	34.81%
2123	10343081		0.2	1.1	9.5	2.36E-02	34.90%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2124	10446166	<i>Ndufa11</i>	0.2	1.1	9.6	2.36E-02	34.92%
2125	10339299		-0.5	0.7	7.8	2.36E-02	34.92%
2126	10346551	<i>Cflar</i>	-0.2	0.9	8.8	2.36E-02	34.94%
2127	10580282	<i>Junb</i>	-0.2	0.9	8.3	2.36E-02	34.96%
2128	10448094	<i>Lnpep</i>	-0.2	0.8	10.1	2.36E-02	34.96%
2129	10479833	<i>Optn</i>	-0.2	0.9	10.5	2.37E-02	34.96%
2130	10538307		0.3	1.2	5.2	2.37E-02	34.99%
2131	10338601		-0.3	0.8	9.5	2.37E-02	34.99%
2132	10342045		-0.6	0.6	5.6	2.37E-02	35.00%
2133	10349249	<i>Clasp1</i>	-0.2	0.9	8.9	2.37E-02	35.00%
2134	10407445	<i>Akr1c12</i>	-0.7	0.6	8.9	2.38E-02	35.01%
2135	10436941	<i>Mrps6</i>	0.2	1.2	9.0	2.38E-02	35.01%
2136	10358617	<i>Hmcn1</i>	-0.3	0.8	6.1	2.38E-02	35.01%
2137	10339130		-0.5	0.7	4.9	2.38E-02	35.02%
2138	10457380		0.3	1.2	7.2	2.38E-02	35.02%
2139	10530225	<i>Pds5a</i>	-0.2	0.9	10.9	2.38E-02	35.07%
2140	10547697	<i>1700013D24Rik</i>	0.2	1.2	6.0	2.39E-02	35.10%
2141	10454414	<i>Pik3c3</i>	-0.3	0.8	7.9	2.39E-02	35.10%
2142	10439660	<i>Gm609</i>	-0.3	0.8	7.8	2.39E-02	35.10%
2143	10580905	<i>Cnot1</i>	-0.1	0.9	11.0	2.39E-02	35.10%
2144	10352416	<i>Capn8</i>	-0.2	0.9	7.0	2.39E-02	35.10%
2145	10520982	<i>Depdc5</i>	-0.2	0.9	8.0	2.39E-02	35.10%
2146	10460251	<i>1700055N04Rik</i>	0.6	1.5	4.9	2.39E-02	35.10%
2147	10340251		-0.3	0.8	6.2	2.40E-02	35.13%
2148	10389680	<i>Msi2</i>	-0.2	0.9	9.1	2.40E-02	35.16%
2149	10419790	<i>Jub</i>	0.2	1.1	6.1	2.40E-02	35.18%
2150	10453887	<i>Cables1</i>	-0.4	0.8	7.8	2.41E-02	35.25%
2151	10544689	<i>4921507P07Rik</i>	-0.2	0.9	6.1	2.41E-02	35.25%
2152	10589076	<i>Slc25a20</i>	0.3	1.2	9.7	2.41E-02	35.25%
2153	10339827		-0.5	0.7	5.1	2.41E-02	35.25%
2154	10599335	<i>Mcts1</i>	-0.3	0.8	7.5	2.41E-02	35.25%
2155	10350614	<i>1190005F20Rik</i>	-0.2	0.9	9.5	2.42E-02	35.25%
2156	10402325	<i>Asb2</i>	0.4	1.3	8.8	2.42E-02	35.26%
2157	10557587	<i>Zfp771</i>	0.2	1.1	7.9	2.42E-02	35.26%
2158	10339885		-0.2	0.9	9.8	2.42E-02	35.32%
2159	10448064	<i>Prdm9</i>	-0.3	0.8	7.3	2.43E-02	35.32%
2160	10409779	<i>4921517D22Rik</i>	0.2	1.2	5.9	2.43E-02	35.32%
2161	10343117		0.5	1.5	6.0	2.43E-02	35.32%
2162	10519488	<i>Tubb2c</i>	0.2	1.2	10.8	2.43E-02	35.39%
2163	10579219	<i>Ddx49</i>	0.2	1.2	8.4	2.43E-02	35.41%
2164	10488424		-0.2	0.9	3.8	2.44E-02	35.41%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2165	10399691	<i>Id2</i>	-0.4	0.8	11.1	2.44E-02	35.41%
2166	10373751	<i>8430429K09Rik</i>	-0.2	0.9	5.3	2.44E-02	35.41%
2167	10338576		0.5	1.4	6.4	2.44E-02	35.45%
2168	10397081	<i>Rbm25</i>	-0.3	0.8	8.6	2.44E-02	35.45%
2169	10439788		-0.5	0.7	6.7	2.44E-02	35.45%
2170	10437364	<i>Adcy9</i>	-0.1	0.9	8.0	2.45E-02	35.47%
2171	10382890	<i>Sec14l1</i>	-0.3	0.8	9.4	2.45E-02	35.51%
2172	10374621	<i>Ahsa2</i>	-0.2	0.9	9.6	2.45E-02	35.51%
2173	10497343		-0.1	0.9	8.9	2.46E-02	35.51%
2174	10584358	<i>Olfr877</i>	0.3	1.2	3.8	2.46E-02	35.51%
2175	10343768		-0.5	0.7	6.0	2.46E-02	35.51%
2176	10480379	<i>Mrps5</i>	0.3	1.2	9.7	2.46E-02	35.51%
2177	10582918		1.1	2.2	5.2	2.46E-02	35.57%
2178	10413993	<i>Gm626</i>	0.3	1.2	5.0	2.46E-02	35.57%
2179	10351623	<i>F11r</i>	-0.2	0.9	11.1	2.46E-02	35.57%
2180	10347277	<i>Igfbp2</i>	0.3	1.2	6.6	2.47E-02	35.57%
2181	10338779		-0.2	0.9	9.3	2.47E-02	35.57%
2182	10545897	<i>Dusp11</i>	-0.2	0.9	10.1	2.47E-02	35.57%
2183	10531488	<i>Ccni</i>	-0.2	0.9	10.4	2.47E-02	35.57%
2184	10406598	<i>Serinc5</i>	-0.2	0.8	9.3	2.47E-02	35.57%
2185	10370632	<i>Rnfl26</i>	0.2	1.2	9.8	2.47E-02	35.59%
2186	10378855		-0.3	0.8	6.3	2.47E-02	35.59%
2187	10504419	<i>5430416O09Rik</i>	-0.2	0.9	5.5	2.48E-02	35.60%
2188	10384555	<i>Aftph</i>	-0.2	0.9	9.8	2.48E-02	35.61%
2189	10341088		0.8	1.8	4.6	2.48E-02	35.62%
2190	10342091		-0.5	0.7	7.5	2.48E-02	35.63%
2191	10532472	<i>Ulk1</i>	-0.2	0.9	8.0	2.48E-02	35.63%
2192	10341191		-0.5	0.7	5.7	2.49E-02	35.66%
2193	10425012	<i>Zfp7</i>	-0.2	0.9	7.1	2.49E-02	35.66%
2194	10416777	<i>Klf5</i>	-0.2	0.9	11.7	2.49E-02	35.66%
2195	10380761	<i>Socs7</i>	-0.2	0.9	7.4	2.49E-02	35.66%
2196	10341468		-0.5	0.7	5.8	2.50E-02	35.72%
2197	10340319		-0.3	0.8	9.3	2.50E-02	35.72%
2198	10501593	<i>Slc30a7</i>	0.2	1.2	9.7	2.50E-02	35.72%
2199	10373709	<i>Eif4enif1</i>	-0.1	0.9	8.4	2.50E-02	35.77%
2200	10345357	<i>Imp4</i>	0.3	1.2	9.8	2.50E-02	35.78%
2201	10521038	<i>Slc5a1</i>	-0.2	0.9	12.9	2.50E-02	35.78%
2202	10358619	<i>Hmcn1</i>	-0.3	0.8	6.7	2.51E-02	35.80%
2203	10343122		0.4	1.3	8.4	2.51E-02	35.80%
2204	10508697	<i>Srsf4</i>	-0.2	0.9	9.8	2.51E-02	35.82%
2205	10532989	<i>Gatc</i>	0.1	1.1	9.6	2.52E-02	35.85%

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2206	10419744	<i>Oxa1l</i>	0.3	1.2	11.6	2.52E-02	35.85%
2207	10343419		0.2	1.2	7.4	2.52E-02	35.85%
2208	10585509	<i>Fbxo22</i>	-0.2	0.9	10.1	2.52E-02	35.85%
2209	10418927	<i>Bmpr1a</i>	-0.2	0.9	10.3	2.52E-02	35.85%
2210	10376839	<i>Ttc19</i>	-0.2	0.9	9.1	2.52E-02	35.85%
2211	10338927		0.4	1.3	6.6	2.52E-02	35.85%
2212	10354019	<i>2010300C02Rik</i>	-0.2	0.9	8.2	2.53E-02	35.85%
2213	10341742		0.3	1.3	7.1	2.53E-02	35.85%
2214	10386427	<i>Flcn</i>	-0.2	0.9	7.7	2.53E-02	35.85%
2215	10389062	<i>1700071K01Rik</i>	0.2	1.1	7.5	2.53E-02	35.85%
2216	10581061	<i>Cmtm4</i>	-0.2	0.9	9.2	2.53E-02	35.85%
2217	10577226	<i>2610019F03Rik</i>	0.3	1.2	6.0	2.53E-02	35.85%
2218	10437330		-0.2	0.9	7.9	2.53E-02	35.85%
2219	10363368	<i>Timm23</i>	0.2	1.1	11.2	2.53E-02	35.85%
2220	10339636		-0.8	0.6	4.7	2.53E-02	35.85%
2221	10390196	<i>B4galnt2</i>	-0.2	0.9	12.5	2.53E-02	35.85%
2222	10343447		-0.2	0.9	11.9	2.53E-02	35.85%
2223	10356876		0.2	1.2	3.1	2.54E-02	35.92%
2224	10482301	<i>Scai</i>	-0.2	0.9	7.2	2.54E-02	35.94%
2225	10474870	<i>Rpusd2</i>	0.2	1.2	7.2	2.54E-02	35.94%
2226	10584977	<i>Sik3</i>	-0.2	0.9	8.5	2.54E-02	35.94%
2227	10596796	<i>Rbm6</i>	-0.2	0.9	9.0	2.54E-02	35.94%
2228	10500333	<i>Hist2h4</i>	0.2	1.1	11.0	2.55E-02	35.94%
2229	10593776	<i>Nrg4</i>	-0.7	0.6	6.6	2.55E-02	35.94%
2230	10505705	<i>Sh3gl2</i>	-0.3	0.8	9.0	2.55E-02	35.95%
2231	10583825	<i>Zfp809</i>	-0.2	0.9	8.9	2.55E-02	35.95%
2232	10482172	<i>Zbtb26</i>	-0.2	0.9	7.8	2.55E-02	35.95%
2233	10344482		-0.6	0.6	3.4	2.55E-02	35.95%
2234	10339926		-0.3	0.8	7.4	2.55E-02	35.95%
2235	10396606	<i>Syne2</i>	-0.2	0.9	8.7	2.55E-02	35.95%
2236	10605811	<i>Fam123b</i>	-0.2	0.9	7.6	2.56E-02	35.97%
2237	10471419	<i>Naif1</i>	-0.2	0.9	7.2	2.56E-02	35.97%
2238	10492045	<i>Hnrnpa3</i>	-0.4	0.8	12.0	2.56E-02	35.97%
2239	10463254	<i>D19Erttd386e</i>	-0.2	0.9	7.4	2.56E-02	35.97%
2240	10556350	<i>Usp47</i>	-0.2	0.9	9.7	2.56E-02	35.98%
2241	10574137	<i>Nlrc5</i>	0.3	1.3	7.5	2.56E-02	35.98%
2242	10342052		0.2	1.2	10.0	2.57E-02	35.98%
2243	10529875	<i>Ldb2</i>	-0.3	0.8	7.7	2.57E-02	35.98%
2244	10401320	<i>Adam4</i>	-0.3	0.8	7.4	2.57E-02	35.98%
2245	10430739	<i>Dnajb7</i>	-0.3	0.8	5.2	2.57E-02	35.98%
2246	10389606	<i>Prr11</i>	-0.3	0.8	8.3	2.57E-02	35.98%

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2247	10583314	<i>Taf1d</i>	0.2	1.2	10.8	2.57E-02	35.98%
2248	10342870		0.9	1.9	9.5	2.57E-02	35.98%
2249	10419596	<i>Zfp219</i>	-0.1	0.9	7.9	2.57E-02	35.98%
2250	10603659	<i>Med14</i>	-0.1	0.9	10.2	2.58E-02	36.05%
2251	10404649	<i>Dsp</i>	-0.3	0.8	11.0	2.58E-02	36.05%
2252	10393751		-0.4	0.8	8.1	2.58E-02	36.05%
2253	10492396	<i>Vmn2r1</i>	0.2	1.1	4.5	2.58E-02	36.05%
2254	10404284	<i>Prl3d3</i>	0.3	1.2	3.6	2.59E-02	36.08%
2255	10428998	<i>Asap1</i>	-0.4	0.8	8.6	2.59E-02	36.08%
2256	10488575	<i>Psmf1</i>	0.2	1.1	9.0	2.59E-02	36.08%
2257	10564869	<i>Cib1</i>	0.2	1.1	10.6	2.59E-02	36.09%
2258	10537318	<i>Trim24</i>	-0.2	0.9	8.2	2.59E-02	36.11%
2259	10483215	<i>Scn3a</i>	-0.1	0.9	5.9	2.59E-02	36.11%
2260	10578423	<i>Gm9908</i>	-0.2	0.9	7.8	2.60E-02	36.15%
2261	10339798		-0.5	0.7	6.6	2.60E-02	36.15%
2262	10416899	<i>Ndfip2</i>	-0.2	0.9	11.2	2.60E-02	36.15%
2263	10344316		-0.4	0.8	7.6	2.60E-02	36.15%
2264	10556165	<i>Olfir513</i>	0.2	1.1	5.4	2.61E-02	36.20%
2265	10459296	<i>Fbxo38</i>	-0.2	0.9	9.3	2.61E-02	36.22%
2266	10454651		0.2	1.2	8.0	2.61E-02	36.22%
2267	10381474	<i>Arl4d</i>	-0.3	0.8	7.2	2.61E-02	36.25%
2268	10519713		-0.4	0.8	7.3	2.62E-02	36.27%
2269	10500069	<i>Pip5k1a</i>	-0.2	0.9	8.4	2.62E-02	36.36%
2270	10366026	<i>Poc1b</i>	-0.2	0.9	9.0	2.63E-02	36.42%
2271	10393620	<i>Cbx4</i>	0.2	1.2	8.5	2.63E-02	36.43%
2272	10490653	<i>Gmeb2</i>	-0.2	0.9	8.6	2.63E-02	36.45%
2273	10347970	<i>Cab39</i>	-0.2	0.9	11.0	2.64E-02	36.47%
2274	10339572		0.4	1.3	6.8	2.64E-02	36.47%
2275	10338706		0.5	1.4	7.4	2.64E-02	36.47%
2276	10345442	<i>Hs6st1</i>	-0.2	0.9	8.5	2.64E-02	36.47%
2277	10599032	<i>Wdr44</i>	-0.3	0.8	8.4	2.64E-02	36.47%
2278	10384737	<i>Papolg</i>	-0.3	0.8	8.5	2.64E-02	36.47%
2279	10441956	<i>Fam120b</i>	-0.2	0.9	8.5	2.64E-02	36.47%
2280	10463277	<i>Nkx2-3</i>	0.2	1.1	7.5	2.64E-02	36.47%
2281	10341402		-0.5	0.7	8.3	2.65E-02	36.48%
2282	10529260	<i>C330019G07Rik</i>	-0.2	0.9	9.1	2.65E-02	36.49%
2283	10339666		0.3	1.2	8.9	2.65E-02	36.49%
2284	10575102	<i>Cirh1a</i>	0.3	1.2	8.8	2.65E-02	36.51%
2285	10346695	<i>Nbeal1</i>	-0.3	0.8	9.5	2.65E-02	36.51%
2286	10555791	<i>Olfir606</i>	0.2	1.2	4.3	2.66E-02	36.51%
2287	10338383		-0.3	0.8	7.8	2.66E-02	36.51%

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2288	10477147	<i>H13</i>	0.2	1.1	10.7	2.66E-02	36.51%
2289	10374727	<i>Bcl11a</i>	-0.2	0.9	8.4	2.66E-02	36.51%
2290	10538526	<i>Avl9</i>	-0.2	0.9	9.6	2.66E-02	36.51%
2291	10339910		0.3	1.3	4.3	2.66E-02	36.56%
2292	10502575	<i>Clca4</i>	-0.2	0.9	12.2	2.66E-02	36.57%
2293	10425628		0.2	1.1	8.0	2.67E-02	36.57%
2294	10362633	<i>Rev3l</i>	-0.2	0.8	8.8	2.67E-02	36.57%
2295	10510908		0.2	1.1	7.8	2.67E-02	36.57%
2296	10478718	<i>Ncoa3</i>	-0.2	0.9	9.0	2.67E-02	36.57%
2297	10342640		-0.6	0.7	3.4	2.68E-02	36.67%
2298	10534684	<i>Muc3</i>	-0.6	0.6	12.2	2.68E-02	36.67%
2299	10367671		0.3	1.2	7.0	2.68E-02	36.67%
2300	10478077	<i>Ralgapb</i>	-0.1	0.9	9.7	2.68E-02	36.67%
2301	10535413		0.2	1.2	8.1	2.68E-02	36.67%
2302	10460157	<i>Cpt1a</i>	-0.2	0.8	10.2	2.68E-02	36.67%
2303	10549497	<i>Fam60a</i>	-0.2	0.9	9.8	2.69E-02	36.67%
2304	10482137		0.2	1.1	3.9	2.69E-02	36.67%
2305	10560408	<i>Psg17</i>	0.3	1.2	4.2	2.69E-02	36.67%
2306	10461814	<i>Olfr1480</i>	0.2	1.1	3.8	2.69E-02	36.67%
2307	10483178	<i>Cobll1</i>	-0.2	0.9	8.8	2.69E-02	36.67%
2308	10598848	<i>Phf16</i>	-0.2	0.9	8.0	2.69E-02	36.68%
2309	10343552		-0.5	0.7	9.3	2.70E-02	36.73%
2310	10465861	<i>Incenp</i>	-0.2	0.9	8.0	2.70E-02	36.73%
2311	10342280		-0.4	0.7	6.5	2.70E-02	36.73%
2312	10531261	<i>Rassf6</i>	-0.3	0.8	8.3	2.70E-02	36.73%
2313	10605386	<i>4930428E23Rik</i>	-0.4	0.8	5.5	2.71E-02	36.78%
2314	10368083	<i>Ccdc28a</i>	-0.2	0.9	7.9	2.71E-02	36.78%
2315	10572928	<i>Rasd2</i>	-0.2	0.8	6.9	2.71E-02	36.78%
2316	10581222	<i>Fhod1</i>	-0.2	0.9	7.5	2.71E-02	36.78%
2317	10451953	<i>Lrg1</i>	0.4	1.3	6.4	2.71E-02	36.78%
2318	10401454	<i>Entpd5</i>	-0.4	0.8	10.2	2.71E-02	36.78%
2319	10341262		-0.3	0.8	8.2	2.71E-02	36.78%
2320	10600593	<i>Hnrnpa3</i>	-0.3	0.8	11.7	2.71E-02	36.78%
2321	10343280		-0.2	0.9	9.1	2.71E-02	36.78%
2322	10451641	<i>9830107B12Rik</i>	0.3	1.2	4.6	2.72E-02	36.78%
2323	10342499		0.3	1.2	10.5	2.72E-02	36.80%
2324	10373143	<i>Mbd6</i>	-0.3	0.8	8.8	2.72E-02	36.80%
2325	10540676	<i>Jagn1</i>	0.2	1.1	9.2	2.73E-02	36.83%
2326	10531256		-0.3	0.8	8.2	2.73E-02	36.83%
2327	10476106	<i>Snord57</i>	0.3	1.3	11.9	2.73E-02	36.83%
2328	10446334	<i>Glcc1</i>	-0.2	0.8	9.5	2.73E-02	36.83%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2329	10341289		0.3	1.3	9.4	2.73E-02	36.83%
2330	10367122	<i>Baz2a</i>	-0.2	0.9	9.8	2.73E-02	36.83%
2331	10604889	<i>Mir201</i>	0.1	1.1	2.9	2.73E-02	36.83%
2332	10440770	<i>Scaf4</i>	-0.2	0.9	9.2	2.73E-02	36.83%
2333	10429885	<i>Sharpin</i>	0.2	1.1	9.8	2.74E-02	36.88%
2334	10461820	<i>Olfr1489</i>	0.3	1.2	3.6	2.74E-02	36.92%
2335	10363845	<i>Ccdc6</i>	-0.2	0.9	9.3	2.74E-02	36.92%
2336	10341095		-0.4	0.7	10.0	2.74E-02	36.92%
2337	10577492	<i>Nek3</i>	-0.5	0.7	8.2	2.75E-02	36.94%
2338	10566514	<i>Mrps36</i>	0.3	1.2	8.3	2.75E-02	36.94%
2339	10466239	<i>Oosp1</i>	0.2	1.2	5.2	2.75E-02	36.94%
2340	10392261	<i>Smurf2</i>	-0.2	0.9	9.8	2.75E-02	36.94%
2341	10608033	<i>Gm6026</i>	-0.2	0.9	5.6	2.75E-02	36.94%
2342	10608196	<i>Gm6026</i>	-0.2	0.9	5.6	2.75E-02	36.94%
2343	10339275		-0.3	0.8	7.8	2.75E-02	36.94%
2344	10551173	<i>Exosc5</i>	0.2	1.1	7.7	2.75E-02	36.95%
2345	10603099	<i>Figf</i>	-0.3	0.8	7.0	2.76E-02	36.97%
2346	10343130		-0.6	0.7	5.3	2.76E-02	36.97%
2347	10598118	<i>Vmn2r122</i>	0.1	1.1	3.3	2.76E-02	36.97%
2348	10376596	<i>4933439F18Rik</i>	-0.2	0.9	9.5	2.76E-02	36.99%
2349	10343983		-0.4	0.7	6.8	2.76E-02	36.99%
2350	10387668	<i>Tnkl</i>	-0.3	0.8	8.6	2.77E-02	36.99%
2351	10431210	<i>Wnt7b</i>	0.2	1.1	6.5	2.77E-02	36.99%
2352	10338280		0.5	1.5	10.3	2.77E-02	36.99%
2353	10384656	<i>B3gnt2</i>	-0.3	0.8	8.3	2.77E-02	37.03%
2354	10563820	<i>Svip</i>	-0.2	0.9	9.3	2.77E-02	37.07%
2355	10447130	<i>Pkdcc</i>	-0.2	0.9	7.4	2.78E-02	37.07%
2356	10567103	<i>Rpl5</i>	-0.2	0.9	11.6	2.78E-02	37.07%
2357	10482030	<i>Stom</i>	0.5	1.4	10.1	2.78E-02	37.07%
2358	10367746	<i>Sash1</i>	-0.3	0.8	8.2	2.78E-02	37.07%
2359	10549442		0.2	1.1	4.1	2.78E-02	37.10%
2360	10344815	<i>Cspp1</i>	-0.3	0.8	8.4	2.79E-02	37.12%
2361	10560381	<i>Psg27</i>	0.2	1.2	4.0	2.79E-02	37.12%
2362	10526656	<i>Lrch4</i>	-0.2	0.9	8.5	2.79E-02	37.12%
2363	10340174		0.3	1.2	8.8	2.79E-02	37.12%
2364	10477815	<i>Phf20</i>	-0.3	0.8	8.0	2.79E-02	37.12%
2365	10514441	<i>Mysm1</i>	-0.2	0.8	8.5	2.79E-02	37.14%
2366	10503410	<i>Tmem64</i>	-0.2	0.9	8.4	2.80E-02	37.14%
2367	10340843		0.3	1.2	11.0	2.80E-02	37.14%
2368	10339693		-0.3	0.8	6.4	2.80E-02	37.14%
2369	10501091	<i>Rbm15</i>	-0.1	0.9	8.5	2.80E-02	37.14%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2370	10535931	<i>Zar1l</i>	0.2	1.1	5.0	2.80E-02	37.14%
2371	10424691	<i>Ly6f</i>	0.3	1.2	5.4	2.80E-02	37.14%
2372	10380341	<i>Spag9</i>	-0.2	0.8	9.4	2.81E-02	37.21%
2373	10460072	<i>Cndp1</i>	-0.4	0.8	8.4	2.81E-02	37.21%
2374	10400141	<i>Zbed4</i>	-0.2	0.9	7.5	2.81E-02	37.21%
2375	10605753	<i>4932442L08Rik</i>	0.2	1.1	4.2	2.81E-02	37.23%
2376	10526145	<i>0610007L01Rik</i>	0.2	1.2	10.0	2.81E-02	37.24%
2377	10441987	<i>Chd1</i>	-0.2	0.9	9.5	2.81E-02	37.24%
2378	10604799	<i>Atp11c</i>	-0.3	0.8	9.0	2.82E-02	37.30%
2379	10370174	<i>Ybey</i>	0.2	1.1	6.7	2.82E-02	37.33%
2380	10340053		-0.3	0.8	7.8	2.82E-02	37.33%
2381	10505630	<i>Snapc3</i>	-0.2	0.9	10.1	2.83E-02	37.33%
2382	10566707	<i>Olfr519</i>	0.2	1.1	4.3	2.83E-02	37.33%
2383	10377982	<i>Kif1c</i>	-0.2	0.9	7.8	2.83E-02	37.34%
2384	10608676	<i>L2hgdh</i>	-0.5	0.7	8.4	2.83E-02	37.35%
2385	10358589	<i>Hmcn1</i>	-0.2	0.9	7.5	2.83E-02	37.35%
2386	10353272	<i>Stau2</i>	-0.2	0.9	8.6	2.84E-02	37.37%
2387	10517703		-0.3	0.8	7.2	2.84E-02	37.37%
2388	10449815	<i>Brd4</i>	-0.2	0.9	8.9	2.84E-02	37.37%
2389	10463410	<i>Fam178a</i>	-0.3	0.8	7.6	2.84E-02	37.37%
2390	10341709		-0.7	0.6	5.2	2.84E-02	37.37%
2391	10598075		1.3	2.5	9.3	2.84E-02	37.37%
2392	10486595	<i>Ttbk2</i>	-0.2	0.9	7.9	2.84E-02	37.37%
2393	10499045	<i>Trim2</i>	-0.2	0.9	9.1	2.84E-02	37.37%
2394	10507238	<i>Lrrc41</i>	0.2	1.1	9.1	2.85E-02	37.42%
2395	10556764	<i>Ppp1cc</i>	-0.1	0.9	11.9	2.85E-02	37.42%
2396	10385616	<i>Rufyl</i>	-0.1	0.9	8.6	2.85E-02	37.42%
2397	10445531	<i>Zfp318</i>	-0.3	0.8	7.2	2.85E-02	37.42%
2398	10440178	<i>Olfr204</i>	0.1	1.1	3.6	2.85E-02	37.42%
2399	10550593	<i>Six5</i>	0.2	1.1	6.9	2.85E-02	37.42%
2400	10477581	<i>Rpl5</i>	-0.2	0.9	11.5	2.86E-02	37.42%
2401	10578189		-0.2	0.9	7.2	2.86E-02	37.47%
2402	10434782	<i>Lpp</i>	0.1	1.1	9.7	2.86E-02	37.51%
2403	10506454	<i>C8b</i>	0.2	1.2	5.9	2.87E-02	37.52%
2404	10479794	<i>Prpf18</i>	-0.2	0.9	8.8	2.87E-02	37.52%
2405	10509014	<i>D4Wsu53e</i>	-0.2	0.9	10.9	2.87E-02	37.52%
2406	10338896		-0.4	0.8	5.2	2.87E-02	37.52%
2407	10414950	<i>Gm5770</i>	-0.4	0.8	4.8	2.87E-02	37.55%
2408	10532865	<i>Git2</i>	-0.2	0.9	8.4	2.87E-02	37.55%
2409	10338345		-0.7	0.6	7.3	2.88E-02	37.56%
2410	10598079		0.9	1.9	6.3	2.88E-02	37.60%

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2411	10436865	<i>Ifngr2</i>	-0.2	0.9	12.4	2.88E-02	37.60%
2412	10574145	<i>Nlrc5</i>	0.4	1.3	6.7	2.89E-02	37.63%
2413	10393449	<i>Socs3</i>	0.3	1.2	8.1	2.89E-02	37.65%
2414	10545576	<i>Mrpl19</i>	0.2	1.2	8.8	2.89E-02	37.65%
2415	10555787	<i>Olfr599</i>	0.2	1.2	4.5	2.89E-02	37.65%
2416	10366767	<i>Ctdsp2</i>	-0.2	0.9	8.3	2.89E-02	37.65%
2417	10339241		-0.4	0.8	8.1	2.89E-02	37.65%
2418	10590004	<i>Golga4</i>	-0.2	0.8	9.1	2.90E-02	37.65%
2419	10425364	<i>Atf4</i>	-0.2	0.9	9.0	2.90E-02	37.65%
2420	10554063	<i>Adamts17</i>	-0.2	0.9	6.4	2.90E-02	37.65%
2421	10355227	<i>1110028C15Rik</i>	-0.4	0.8	6.8	2.90E-02	37.65%
2422	10340786		0.5	1.4	6.0	2.90E-02	37.67%
2423	10421950	<i>Dach1</i>	-0.2	0.9	7.9	2.90E-02	37.67%
2424	10579089	<i>Zfp866</i>	-0.2	0.9	7.6	2.91E-02	37.71%
2425	10520445	<i>Dnajb6</i>	-0.3	0.8	6.8	2.91E-02	37.71%
2426	10594549		0.2	1.2	5.8	2.91E-02	37.71%
2427	10601551		-0.2	0.9	8.4	2.91E-02	37.71%
2428	10361869	<i>Nhs1l</i>	-0.2	0.8	9.5	2.91E-02	37.71%
2429	10580519		0.3	1.2	8.4	2.91E-02	37.71%
2430	10429327	<i>Eif2c2</i>	-0.2	0.9	9.1	2.92E-02	37.71%
2431	10556158	<i>Olfr508</i>	0.3	1.2	4.6	2.92E-02	37.71%
2432	10366796	<i>Mettl1</i>	0.3	1.2	8.3	2.92E-02	37.71%
2433	10475987	<i>Setd3</i>	-0.2	0.9	8.9	2.92E-02	37.72%
2434	10448380	<i>Tceb2</i>	0.2	1.1	11.6	2.92E-02	37.76%
2435	10339430		0.3	1.3	8.2	2.92E-02	37.76%
2436	10536949	<i>Fam40b</i>	0.2	1.1	5.7	2.92E-02	37.77%
2437	10465740		0.2	1.2	4.5	2.93E-02	37.77%
2438	10530142	<i>Klf3</i>	0.2	1.2	7.2	2.93E-02	37.80%
2439	10551865	<i>Alkbh6</i>	0.2	1.2	9.5	2.94E-02	37.86%
2440	10340740		-0.5	0.7	6.9	2.94E-02	37.86%
2441	10473008	<i>Hnrnpa3</i>	-0.3	0.8	11.4	2.94E-02	37.89%
2442	10557481	<i>Ypel3</i>	-0.2	0.9	8.6	2.94E-02	37.92%
2443	10415052	<i>Mmp14</i>	0.2	1.2	8.2	2.95E-02	38.01%
2444	10432540	<i>Limal1</i>	-0.1	0.9	10.5	2.95E-02	38.01%
2445	10343247		0.4	1.3	8.5	2.96E-02	38.02%
2446	10568017	<i>Slx1b</i>	-0.2	0.9	7.1	2.96E-02	38.08%
2447	10400740		-0.3	0.8	7.0	2.96E-02	38.09%
2448	10374406	<i>Cnrip1</i>	0.1	1.1	6.6	2.96E-02	38.10%
2449	10344260		-0.4	0.8	7.1	2.97E-02	38.10%
2450	10549473	<i>Caprin2</i>	-0.4	0.8	7.2	2.97E-02	38.14%
2451	10582123	<i>Hsd1l</i>	-0.2	0.9	7.1	2.97E-02	38.17%

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2452	10474207	<i>Fbxo3</i>	-0.2	0.9	9.6	2.98E-02	38.18%
2453	10456254	<i>Nedd4l</i>	-0.2	0.9	10.4	2.98E-02	38.18%
2454	10522265	<i>Slc30a9</i>	-0.2	0.9	9.3	2.98E-02	38.22%
2455	10454198	<i>Rnf125</i>	-0.4	0.8	9.5	2.98E-02	38.24%
2456	10404783	<i>Edn1</i>	-0.2	0.9	6.6	2.99E-02	38.27%
2457	10453256	<i>Kcng3</i>	-0.3	0.8	6.2	2.99E-02	38.31%
2458	10416510	<i>Nufip1</i>	0.3	1.2	9.2	3.00E-02	38.33%
2459	10339749		-0.2	0.8	9.8	3.00E-02	38.34%
2460	10354897	<i>Trak2</i>	-0.2	0.9	9.1	3.00E-02	38.38%
2461	10408037	<i>Nkapl</i>	-0.2	0.9	5.0	3.00E-02	38.38%
2462	10339765		0.5	1.4	10.5	3.00E-02	38.38%
2463	10605782		0.2	1.2	7.3	3.01E-02	38.39%
2464	10556938	<i>E130201H02Rik</i>	0.2	1.1	5.7	3.02E-02	38.49%
2465	10397201	<i>Zfp410</i>	-0.3	0.8	9.1	3.02E-02	38.49%
2466	10377245	<i>Dhrs7c</i>	0.2	1.2	6.0	3.02E-02	38.49%
2467	10418991	<i>Gcap14</i>	-0.3	0.8	10.7	3.02E-02	38.50%
2468	10463343	<i>Gm10768</i>	-0.9	0.5	8.6	3.02E-02	38.51%
2469	10551410	<i>Zfp60</i>	-0.2	0.9	6.3	3.03E-02	38.55%
2470	10595805	<i>Rasa2</i>	-0.2	0.8	9.1	3.03E-02	38.56%
2471	10342050		0.3	1.2	7.0	3.03E-02	38.58%
2472	10583759	<i>Ccdc159</i>	0.2	1.2	6.1	3.04E-02	38.63%
2473	10573867	<i>Rbl2</i>	-0.3	0.8	8.6	3.04E-02	38.63%
2474	10514789		0.2	1.2	6.4	3.04E-02	38.63%
2475	10457225	<i>Map3k8</i>	-0.2	0.9	7.1	3.04E-02	38.63%
2476	10414325	<i>Cgrrf1</i>	-0.3	0.8	7.7	3.04E-02	38.63%
2477	10446771	<i>Lclat1</i>	-0.2	0.9	11.2	3.04E-02	38.63%
2478	10457038		-0.2	0.9	7.7	3.04E-02	38.63%
2479	10338254		-0.2	0.9	8.5	3.04E-02	38.63%
2480	10565813	<i>Snord15a</i>	0.5	1.4	7.2	3.05E-02	38.65%
2481	10345025	<i>Iars</i>	0.2	1.2	9.7	3.05E-02	38.65%
2482	10525210		-0.3	0.8	9.2	3.05E-02	38.68%
2483	10442736	<i>BC003965</i>	0.2	1.1	9.4	3.05E-02	38.68%
2484	10341645		-0.2	0.9	8.0	3.06E-02	38.69%
2485	10402179	<i>Smek1</i>	-0.2	0.9	9.9	3.06E-02	38.69%
2486	10541845	<i>Nop2</i>	0.3	1.2	8.6	3.06E-02	38.74%
2487	10490551	<i>Nkain4</i>	0.2	1.2	7.3	3.06E-02	38.74%
2488	10547676	<i>Vmn2r23</i>	0.3	1.3	3.8	3.07E-02	38.74%
2489	10531034	<i>Ugt2b34</i>	-0.3	0.8	12.2	3.07E-02	38.74%
2490	10539592	<i>Smyd5</i>	0.3	1.2	7.7	3.07E-02	38.74%
2491	10468691	<i>Ablim1</i>	-0.2	0.9	8.7	3.07E-02	38.74%
2492	10457546	<i>Osbpl1a</i>	-0.4	0.8	7.2	3.07E-02	38.74%

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2493	10473981	<i>Ambra1</i>	-0.2	0.9	8.9	3.07E-02	38.76%
2494	10547386	<i>Adipor2</i>	-0.4	0.8	11.2	3.08E-02	38.80%
2495	10364548		0.2	1.2	6.6	3.08E-02	38.82%
2496	10592023	<i>Aplp2</i>	-0.2	0.9	10.8	3.08E-02	38.84%
2497	10343369		0.5	1.4	3.9	3.08E-02	38.84%
2498	10410590	<i>Exoc3</i>	0.2	1.2	8.8	3.08E-02	38.84%
2499	10538887		1.4	2.6	7.8	3.09E-02	38.84%
2500	10421188	<i>R3hcc1</i>	0.2	1.1	7.4	3.09E-02	38.84%
2501	10341705		0.2	1.2	10.7	3.09E-02	38.84%
2502	10349834	<i>Pik3c2b</i>	-0.3	0.8	9.5	3.09E-02	38.85%
2503	10402378		0.2	1.2	5.0	3.09E-02	38.87%
2504	10534679	<i>Trim56</i>	-0.2	0.9	9.4	3.09E-02	38.87%
2505	10551282	<i>Cyp2a5</i>	0.7	1.6	6.1	3.10E-02	38.88%
2506	10569958	<i>Ccl25</i>	-0.2	0.9	7.8	3.10E-02	38.88%
2507	10519693	<i>Sema3d</i>	-0.3	0.8	5.8	3.10E-02	38.92%
2508	10345350		-0.2	0.9	6.5	3.10E-02	38.92%
2509	10495967	<i>Tifa</i>	0.7	1.6	9.5	3.11E-02	38.93%
2510	10541049	<i>8-Mar</i>	-0.2	0.9	10.0	3.11E-02	38.93%
2511	10598073		1.1	2.2	10.7	3.11E-02	38.93%
2512	10341934		-0.3	0.8	7.8	3.11E-02	38.96%
2513	10366409	<i>Zfc3h1</i>	-0.2	0.9	9.7	3.11E-02	38.96%
2514	10338498		-0.3	0.8	10.1	3.11E-02	38.96%
2515	10518585	<i>Kif1b</i>	-0.1	0.9	9.2	3.11E-02	38.96%
2516	10385323	<i>Mir146</i>	0.2	1.1	3.2	3.12E-02	38.96%
2517	10418879	<i>Mapk8</i>	-0.3	0.8	9.7	3.12E-02	38.96%
2518	10449971	<i>Zfp763</i>	-0.4	0.7	5.9	3.12E-02	38.96%
2519	10521383	<i>Adra2c</i>	0.3	1.2	5.9	3.12E-02	39.01%
2520	10479510	<i>Col20a1</i>	-0.2	0.9	7.3	3.13E-02	39.02%
2521	10393222	<i>Srp68</i>	0.1	1.1	9.8	3.13E-02	39.02%
2522	10517263	<i>Fam54b</i>	0.2	1.1	9.2	3.13E-02	39.06%
2523	10498871	<i>Tmem144</i>	-0.5	0.7	9.1	3.14E-02	39.09%
2524	10351551	<i>Adamts4</i>	0.2	1.2	6.4	3.14E-02	39.14%
2525	10444439	<i>Atf6b</i>	0.2	1.1	8.6	3.14E-02	39.15%
2526	10415438	<i>Mcpt2</i>	0.7	1.6	7.7	3.14E-02	39.15%
2527	10566877	<i>Sbf2</i>	-0.1	0.9	9.5	3.15E-02	39.18%
2528	10605598	<i>Mageb4</i>	0.2	1.1	4.5	3.15E-02	39.21%
2529	10353533	<i>Smap1</i>	-0.2	0.8	10.5	3.15E-02	39.21%
2530	10513208	<i>Svepl</i>	-0.3	0.8	8.1	3.16E-02	39.23%
2531	10389308	<i>Ggnbp2</i>	-0.2	0.9	10.4	3.16E-02	39.23%
2532	10442638	<i>Mrps34</i>	0.3	1.2	7.8	3.16E-02	39.23%
2533	10422164	<i>Ednrb</i>	0.5	1.4	8.7	3.16E-02	39.24%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2534	10427816	<i>Pdzd2</i>	-0.3	0.8	6.7	3.16E-02	39.24%
2535	10550840	<i>Zfp112</i>	-0.2	0.8	5.6	3.16E-02	39.24%
2536	10445909	<i>Kat2b</i>	-0.2	0.9	8.0	3.17E-02	39.28%
2537	10558265	<i>Lhpp</i>	0.2	1.2	9.2	3.17E-02	39.28%
2538	10343658		0.3	1.2	6.5	3.18E-02	39.39%
2539	10414009	<i>Ptpn20</i>	0.2	1.1	4.7	3.18E-02	39.42%
2540	10427083	<i>Eif4b</i>	-0.1	0.9	10.8	3.19E-02	39.50%
2541	10496796	<i>Ssx2ip</i>	-0.2	0.9	9.6	3.19E-02	39.50%
2542	10339224		-0.2	0.8	9.2	3.19E-02	39.50%
2543	10340171		-0.3	0.8	8.3	3.19E-02	39.50%
2544	10409294	<i>Sptlc1</i>	0.2	1.1	9.2	3.20E-02	39.50%
2545	10433047		-0.3	0.8	3.3	3.20E-02	39.50%
2546	10429295	<i>Kcnk9</i>	0.2	1.2	6.1	3.20E-02	39.50%
2547	10447141	<i>Eml4</i>	-0.2	0.9	10.1	3.20E-02	39.50%
2548	10373367	<i>Coq10a</i>	-0.2	0.9	8.8	3.20E-02	39.50%
2549	10578401	<i>Zfp42</i>	0.2	1.1	4.9	3.20E-02	39.50%
2550	10429081	<i>Snrpc</i>	0.2	1.1	8.9	3.20E-02	39.50%
2551	10571241	<i>Purg</i>	-0.2	0.9	6.8	3.21E-02	39.53%
2552	10344182		-0.3	0.8	5.6	3.21E-02	39.53%
2553	10339583		-0.4	0.8	3.7	3.21E-02	39.54%
2554	10359078	<i>Cep350</i>	-0.2	0.9	8.6	3.21E-02	39.56%
2555	10469110	<i>Usp6nl</i>	-0.2	0.9	9.3	3.22E-02	39.59%
2556	10603700		0.5	1.4	5.4	3.22E-02	39.62%
2557	10340063		-0.4	0.7	6.4	3.22E-02	39.62%
2558	10523255	<i>Stbd1</i>	0.2	1.1	5.3	3.22E-02	39.62%
2559	10341717		0.3	1.3	7.2	3.22E-02	39.62%
2560	10412038	<i>Zswim6</i>	-0.2	0.9	8.7	3.23E-02	39.62%
2561	10478847	<i>1500012F01Rik</i>	-0.2	0.9	9.7	3.23E-02	39.62%
2562	10355069	<i>Ino80d</i>	-0.2	0.9	9.3	3.23E-02	39.65%
2563	10500748	<i>Tshb</i>	0.3	1.2	4.7	3.23E-02	39.65%
2564	10451860	<i>Pot1b</i>	-0.3	0.8	7.5	3.23E-02	39.68%
2565	10342476		0.6	1.5	7.3	3.24E-02	39.68%
2566	10385842	<i>Rad50</i>	-0.3	0.8	8.6	3.24E-02	39.70%
2567	10341962		-0.4	0.8	8.3	3.24E-02	39.73%
2568	10488456		-0.3	0.8	6.2	3.25E-02	39.73%
2569	10427744	<i>Rai14</i>	-0.4	0.8	8.3	3.25E-02	39.73%
2570	10487021	<i>Slc30a4</i>	-0.4	0.8	10.0	3.25E-02	39.73%
2571	10471154	<i>Ass1</i>	0.4	1.3	7.9	3.25E-02	39.73%
2572	10341375		-0.2	0.9	10.3	3.25E-02	39.73%
2573	10344256		-1.1	0.5	3.6	3.25E-02	39.74%
2574	10342205		-0.5	0.7	4.0	3.25E-02	39.74%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2575	10515429	<i>Snord55</i>	0.3	1.2	8.3	3.25E-02	39.74%
2576	10344188		-0.4	0.8	7.2	3.26E-02	39.74%
2577	10342048		-0.3	0.8	8.9	3.26E-02	39.74%
2578	10578521	<i>Snx25</i>	-0.3	0.8	10.0	3.26E-02	39.74%
2579	10447100	<i>Morn2</i>	0.2	1.2	7.9	3.26E-02	39.74%
2580	10464999	<i>Cst6</i>	-0.2	0.9	8.3	3.26E-02	39.74%
2581	10523758	<i>Lrrc8b</i>	-0.2	0.8	10.5	3.26E-02	39.77%
2582	10344772	<i>6030422M02Rik</i>	0.2	1.1	4.9	3.27E-02	39.77%
2583	10517465	<i>Kdm1a</i>	-0.2	0.9	8.9	3.27E-02	39.77%
2584	10494428	<i>Txnip</i>	-0.3	0.8	11.3	3.27E-02	39.78%
2585	10583441	<i>Olfr872</i>	-0.2	0.9	3.1	3.27E-02	39.80%
2586	10526654		-0.3	0.8	7.8	3.27E-02	39.80%
2587	10340799		-0.2	0.8	9.7	3.28E-02	39.80%
2588	10394366	<i>Atad2b</i>	-0.3	0.8	9.4	3.28E-02	39.80%
2589	10399696	<i>Rnf144a</i>	0.2	1.1	7.1	3.28E-02	39.80%
2590	10433996	<i>Snap29</i>	-0.2	0.9	9.3	3.28E-02	39.81%
2591	10537823	<i>Olfr13</i>	0.1	1.1	5.7	3.28E-02	39.81%
2592	10608249		-0.4	0.8	4.7	3.29E-02	39.81%
2593	10342700		-0.4	0.8	7.0	3.29E-02	39.81%
2594	10342792		-0.4	0.7	6.1	3.29E-02	39.81%
2595	10431894	<i>Slc38a2</i>	-0.3	0.8	10.7	3.29E-02	39.81%
2596	10513256	<i>Lpar1</i>	-0.2	0.9	9.5	3.29E-02	39.81%
2597	10410644	<i>Zfp72</i>	-0.2	0.9	6.2	3.29E-02	39.81%
2598	10594631	<i>Aph1b</i>	0.3	1.2	7.7	3.29E-02	39.81%
2599	10586172		-0.3	0.8	6.8	3.29E-02	39.81%
2600	10339924		0.5	1.4	4.5	3.29E-02	39.81%
2601	10343287		-0.7	0.6	2.6	3.30E-02	39.81%
2602	10490775		0.2	1.1	4.4	3.30E-02	39.81%
2603	10378739	<i>Ywhae</i>	-0.2	0.9	11.2	3.30E-02	39.81%
2604	10606217	<i>Abcb7</i>	-0.2	0.9	9.9	3.30E-02	39.81%
2605	10338363		-0.4	0.7	8.3	3.30E-02	39.81%
2606	10341857		-0.2	0.8	9.8	3.30E-02	39.81%
2607	10386236	<i>Hist3h2bb-ps</i>	0.2	1.1	6.9	3.31E-02	39.86%
2608	10344408		-0.6	0.7	6.7	3.31E-02	39.86%
2609	10340721		-0.2	0.9	9.1	3.31E-02	39.86%
2610	10341090		-0.6	0.6	8.1	3.31E-02	39.87%
2611	10436678	<i>Gabpa</i>	-0.2	0.9	9.0	3.31E-02	39.88%
2612	10340624		0.5	1.4	4.7	3.31E-02	39.88%
2613	10341474		0.3	1.2	10.2	3.32E-02	39.90%
2614	10421970		-0.3	0.8	8.0	3.32E-02	39.90%
2615	10411595	<i>Naip2</i>	-0.3	0.8	9.5	3.32E-02	39.92%

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2616	10418096	<i>Dlg5</i>	-0.2	0.9	8.0	3.32E-02	39.92%
2617	10339186		-0.4	0.8	7.9	3.32E-02	39.92%
2618	10423919	<i>4930555K19Rik</i>	-0.3	0.8	4.9	3.32E-02	39.92%
2619	10340606		-0.3	0.8	9.4	3.33E-02	39.92%
2620	10403948	<i>Hist1h2be</i>	0.1	1.1	12.3	3.33E-02	39.92%
2621	10566810	<i>Nrip3</i>	-0.2	0.9	5.5	3.33E-02	39.92%
2622	10379190	<i>Vtn</i>	1.0	2.0	6.9	3.33E-02	39.93%
2623	10497996	<i>Ikzf5</i>	-0.2	0.9	9.3	3.33E-02	39.94%
2624	10341150		-0.4	0.8	7.2	3.33E-02	39.94%
2625	10601099	<i>Med12</i>	-0.2	0.9	8.4	3.33E-02	39.94%
2626	10342136		-0.3	0.8	7.5	3.34E-02	39.96%
2627	10358545	<i>Hmcn1</i>	-0.2	0.9	6.3	3.34E-02	39.96%
2628	10527694	<i>B3galtl</i>	-0.2	0.9	8.8	3.34E-02	39.98%
2629	10340874		0.5	1.4	2.8	3.34E-02	39.98%
2630	10428955	<i>Gsdmc2</i>	-0.6	0.7	9.4	3.34E-02	39.98%
2631	10455942	<i>A730017C20Rik</i>	-0.2	0.9	6.2	3.35E-02	40.02%
2632	10546454	<i>Adamts9</i>	0.2	1.2	7.2	3.35E-02	40.02%
2633	10511113	<i>Cdk11b</i>	-0.2	0.8	9.0	3.35E-02	40.03%
2634	10457778	<i>Gm10551</i>	-0.3	0.8	7.6	3.35E-02	40.03%
2635	10341089		0.3	1.2	6.6	3.36E-02	40.10%
2636	10349065	<i>Zcchc2</i>	-0.2	0.9	8.4	3.36E-02	40.10%
2637	10451665	<i>Apobec2</i>	0.1	1.1	6.7	3.36E-02	40.10%
2638	10342437		-0.5	0.7	4.9	3.36E-02	40.10%
2639	10466798		-0.4	0.8	8.0	3.36E-02	40.10%
2640	10500813	<i>Hipk1</i>	-0.2	0.9	10.4	3.37E-02	40.11%
2641	10343906		-0.2	0.9	10.2	3.37E-02	40.11%
2642	10339453		-0.3	0.8	11.1	3.37E-02	40.11%
2643	10524844	<i>Taok3</i>	-0.1	0.9	8.9	3.37E-02	40.11%
2644	10481435	<i>Ccbl1</i>	-0.7	0.6	9.7	3.37E-02	40.11%
2645	10541711	<i>Phb2</i>	0.2	1.1	11.6	3.38E-02	40.11%
2646	10412719	<i>Synpr</i>	0.2	1.2	5.5	3.38E-02	40.11%
2647	10446423	<i>5430411C19Rik</i>	-0.2	0.8	6.6	3.38E-02	40.11%
2648	10343785		-0.4	0.8	9.1	3.38E-02	40.11%
2649	10338449		-0.7	0.6	5.8	3.38E-02	40.11%
2650	10436050	<i>Dppa4</i>	-0.5	0.7	6.2	3.38E-02	40.11%
2651	10342206		-0.4	0.8	6.4	3.38E-02	40.11%
2652	10594515		0.6	1.5	4.1	3.38E-02	40.11%
2653	10425016	<i>Commd5</i>	0.2	1.1	8.4	3.38E-02	40.11%
2654	10405853	<i>Zfp369</i>	-0.2	0.8	7.6	3.38E-02	40.11%
2655	10527886	<i>Pex1</i>	-0.2	0.9	7.5	3.39E-02	40.12%
2656	10389795	<i>Stxbp4</i>	-0.4	0.8	6.2	3.39E-02	40.17%

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2657	10542255	<i>Tas2r113</i>	0.3	1.2	4.7	3.40E-02	40.20%
2658	10600355	<i>Snora70</i>	0.4	1.3	7.7	3.40E-02	40.23%
2659	10407420	<i>Net1</i>	-0.2	0.9	10.8	3.40E-02	40.23%
2660	10516303		-0.2	0.9	5.2	3.40E-02	40.23%
2661	10596265	<i>Dnajc13</i>	-0.2	0.9	10.6	3.40E-02	40.23%
2662	10598083		0.6	1.5	7.7	3.41E-02	40.23%
2663	10363786	<i>Ank3</i>	-0.4	0.8	8.2	3.41E-02	40.23%
2664	10367728	<i>Tab2</i>	-0.1	0.9	10.8	3.41E-02	40.23%
2665	10343039		-0.2	0.9	11.3	3.41E-02	40.23%
2666	10404774	<i>Hivep1</i>	-0.1	0.9	9.2	3.41E-02	40.23%
2667	10357658		-0.4	0.8	7.5	3.41E-02	40.23%
2668	10456814	<i>Pias2</i>	-0.2	0.9	8.6	3.41E-02	40.23%
2669	10448195	<i>Zfp942</i>	-0.4	0.8	8.2	3.41E-02	40.23%
2670	10454828	<i>Pnet-ps</i>	-0.3	0.8	8.1	3.42E-02	40.23%
2671	10412394	<i>Nnt</i>	-0.2	0.9	9.7	3.42E-02	40.24%
2672	10386624	<i>Tmem11</i>	0.1	1.1	8.6	3.42E-02	40.25%
2673	10596575	<i>Manf</i>	0.3	1.2	9.7	3.42E-02	40.26%
2674	10444244	<i>Tap1</i>	0.4	1.3	10.1	3.42E-02	40.27%
2675	10571114	<i>Erlin2</i>	-0.1	0.9	10.2	3.43E-02	40.29%
2676	10539979		0.2	1.1	5.1	3.43E-02	40.29%
2677	10599369	<i>Xiap</i>	-0.3	0.8	9.8	3.43E-02	40.29%
2678	10404187	<i>Tdp2</i>	-0.4	0.8	9.8	3.43E-02	40.30%
2679	10391119	<i>Leprel4</i>	0.2	1.1	6.4	3.43E-02	40.32%
2680	10411272		0.3	1.2	5.6	3.44E-02	40.33%
2681	10402542	<i>Atg2b</i>	-0.2	0.8	8.7	3.44E-02	40.33%
2682	10338395		0.4	1.3	9.0	3.44E-02	40.33%
2683	10591423	<i>Fdx1l</i>	0.2	1.1	9.3	3.44E-02	40.33%
2684	10578324	<i>Mtus1</i>	-0.1	0.9	8.1	3.44E-02	40.33%
2685	10424695	<i>Gpihbp1</i>	0.2	1.2	7.3	3.44E-02	40.33%
2686	10457967	<i>Myo7b</i>	-0.3	0.8	11.3	3.44E-02	40.33%
2687	10338230		-0.7	0.6	3.6	3.45E-02	40.41%
2688	10340536		0.5	1.4	7.0	3.45E-02	40.41%
2689	10461220	<i>Hnrnpul2</i>	-0.2	0.9	10.6	3.46E-02	40.41%
2690	10547540	<i>Mical3</i>	-0.2	0.9	7.2	3.46E-02	40.41%
2691	10474508	<i>Olfr1299</i>	0.2	1.1	4.5	3.46E-02	40.41%
2692	10338728		-0.3	0.8	9.2	3.46E-02	40.41%
2693	10414192	<i>Mat1a</i>	0.9	1.9	6.0	3.46E-02	40.41%
2694	10344186		-0.4	0.7	6.8	3.46E-02	40.41%
2695	10524105	<i>Chfr</i>	-0.1	0.9	9.2	3.46E-02	40.41%
2696	10343131		0.4	1.3	6.2	3.47E-02	40.41%
2697	10497765	<i>Dcun1dl</i>	-0.3	0.8	8.2	3.47E-02	40.41%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
2698	10341076		-0.5	0.7	7.5	3.47E-02	40.41%
2699	10402225	<i>Trip11</i>	-0.3	0.8	9.0	3.47E-02	40.41%
2700	10348791	<i>Ano7</i>	-0.3	0.8	9.3	3.47E-02	40.41%
2701	10339805		-0.5	0.7	7.9	3.47E-02	40.41%
2702	10528200	<i>Hnrnpa3</i>	-0.3	0.8	11.3	3.47E-02	40.41%
2703	10338683		-0.2	0.9	10.5	3.48E-02	40.41%
2704	10382565	<i>Mrps7</i>	0.2	1.1	9.0	3.48E-02	40.41%
2705	10395538	<i>Pnpla8</i>	-0.4	0.8	8.6	3.48E-02	40.41%
2706	10340978		0.3	1.2	9.8	3.48E-02	40.41%
2707	10338834		0.7	1.7	3.9	3.48E-02	40.41%
2708	10547765	<i>Mir141</i>	0.2	1.2	4.8	3.48E-02	40.41%
2709	10338857		-0.5	0.7	4.9	3.48E-02	40.41%
2710	10500321	<i>Bola1</i>	0.2	1.2	8.3	3.48E-02	40.41%
2711	10576054	<i>Foxl1</i>	0.2	1.1	6.2	3.48E-02	40.41%
2712	10503502	<i>Ttpa</i>	0.7	1.6	5.8	3.48E-02	40.41%
2713	10571399	<i>Zdhhc2</i>	-0.2	0.9	9.7	3.49E-02	40.41%
2714	10417095	<i>Farp1</i>	-0.2	0.9	8.1	3.49E-02	40.44%
2715	10340917		0.6	1.6	6.1	3.49E-02	40.45%
2716	10339726		0.4	1.4	10.2	3.49E-02	40.45%
2717	10343769		-0.3	0.8	9.0	3.50E-02	40.45%
2718	10484516	<i>Olfr994</i>	0.3	1.2	3.6	3.50E-02	40.45%
2719	10585759	<i>Edc3</i>	-0.1	0.9	8.8	3.50E-02	40.45%
2720	10431564	<i>Cpt1b</i>	-0.4	0.8	7.8	3.50E-02	40.45%
2721	10522160	<i>N4bp2</i>	-0.2	0.9	7.6	3.50E-02	40.45%
2722	10358527	<i>Hmcn1</i>	-0.4	0.8	7.0	3.50E-02	40.45%
2723	10420413	<i>Lats2</i>	-0.3	0.8	8.1	3.50E-02	40.47%
2724	10535994	<i>A430089I19Rik</i>	0.2	1.1	5.6	3.51E-02	40.48%
2725	10564005		0.4	1.3	3.3	3.51E-02	40.49%
2726	10342871		-0.4	0.7	9.5	3.51E-02	40.49%
2727	10344542		-0.4	0.8	8.9	3.51E-02	40.49%
2728	10460767	<i>Batf2</i>	0.3	1.3	8.5	3.51E-02	40.50%
2729	10379028	<i>Mir451</i>	0.2	1.1	3.8	3.51E-02	40.51%
2730	10341495		-0.3	0.8	7.5	3.52E-02	40.51%
2731	10350438	<i>Kcnt2</i>	-0.2	0.9	5.2	3.52E-02	40.51%
2732	10532616	<i>Myo18b</i>	0.2	1.2	6.1	3.53E-02	40.51%
2733	10341891		0.5	1.4	7.0	3.53E-02	40.51%
2734	10341185		-0.3	0.8	10.0	3.53E-02	40.51%
2735	10438555	<i>Thpo</i>	0.2	1.2	6.9	3.53E-02	40.51%
2736	10492890	<i>Lrba</i>	-0.2	0.9	10.4	3.53E-02	40.51%
2737	10479369	<i>Gata5</i>	0.2	1.1	6.6	3.53E-02	40.51%
2738	10365337		0.2	1.1	11.0	3.53E-02	40.51%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2739	10369290	<i>Ddit4</i>	-0.3	0.8	7.8	3.53E-02	40.51%
2740	10365288	<i>Taf10</i>	0.1	1.1	10.2	3.53E-02	40.51%
2741	10607658	<i>Reps2</i>	-0.4	0.8	8.1	3.53E-02	40.51%
2742	10341753		-0.7	0.6	4.0	3.53E-02	40.51%
2743	10387922	<i>Slc25a11</i>	0.3	1.2	11.2	3.54E-02	40.51%
2744	10398124	<i>4933433P14Rik</i>	-0.3	0.8	7.7	3.54E-02	40.51%
2745	10377416	<i>2310047M10Rik</i>	-0.2	0.9	7.3	3.54E-02	40.51%
2746	10344931	<i>Rpl5</i>	-0.2	0.9	11.5	3.54E-02	40.51%
2747	10339283		-0.5	0.7	8.3	3.54E-02	40.51%
2748	10484706	<i>Olfir74</i>	0.2	1.2	4.6	3.54E-02	40.51%
2749	10519688	<i>Gm6455</i>	-0.5	0.7	5.4	3.54E-02	40.53%
2750	10481627	<i>Lcn2</i>	0.4	1.4	7.4	3.54E-02	40.53%
2751	10577838	<i>Ddhd2</i>	-0.5	0.7	9.7	3.55E-02	40.53%
2752	10338539		-0.6	0.6	5.4	3.55E-02	40.53%
2753	10462699		-0.2	0.9	7.0	3.55E-02	40.53%
2754	10489484	<i>Sdc4</i>	-0.2	0.9	9.5	3.55E-02	40.53%
2755	10390860	<i>Krt23</i>	-0.2	0.8	6.0	3.56E-02	40.53%
2756	10459236	<i>Grpel2</i>	-0.3	0.8	9.7	3.56E-02	40.53%
2757	10340466		0.4	1.4	9.7	3.56E-02	40.53%
2758	10352097	<i>1700016C15Rik</i>	-0.5	0.7	6.5	3.56E-02	40.53%
2759	10339419		-0.2	0.9	10.0	3.56E-02	40.53%
2760	10526630	<i>Trfr2</i>	0.3	1.2	5.9	3.56E-02	40.53%
2761	10515431	<i>Kif2c</i>	-0.3	0.8	8.0	3.56E-02	40.53%
2762	10490621	<i>Srms</i>	0.2	1.2	6.6	3.56E-02	40.53%
2763	10567355	<i>Gprc5b</i>	-0.3	0.8	6.8	3.56E-02	40.53%
2764	10596271	<i>Dnajc13</i>	-0.2	0.9	10.4	3.57E-02	40.53%
2765	10341622		0.2	1.2	8.0	3.57E-02	40.53%
2766	10479379	<i>Slco4a1</i>	0.2	1.1	7.6	3.57E-02	40.53%
2767	10486499	<i>Tmem87a</i>	-0.2	0.9	9.2	3.57E-02	40.53%
2768	10464618	<i>Rps6kb2</i>	0.1	1.1	8.7	3.57E-02	40.53%
2769	10340267		-0.3	0.8	6.0	3.57E-02	40.53%
2770	10533725	<i>Gpr81</i>	0.3	1.2	7.0	3.57E-02	40.53%
2771	10574133	<i>Nlrc5</i>	0.2	1.2	7.5	3.57E-02	40.53%
2772	10356568	<i>Rab17</i>	-0.2	0.9	9.3	3.57E-02	40.56%
2773	10476868		0.3	1.2	7.1	3.58E-02	40.57%
2774	10566186	<i>Olfir571</i>	0.3	1.2	6.4	3.58E-02	40.60%
2775	10538749		0.2	1.2	4.4	3.59E-02	40.65%
2776	10340999		-0.3	0.8	6.6	3.59E-02	40.69%
2777	10339730		-0.3	0.8	3.7	3.60E-02	40.70%
2778	10468802	<i>D19Ertd737e</i>	-0.3	0.8	8.2	3.60E-02	40.70%
2779	10342408		-0.3	0.8	2.7	3.60E-02	40.70%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2780	10380403	<i>Lrrc59</i>	0.2	1.2	11.1	3.60E-02	40.70%
2781	10519224	<i>Pusl1</i>	0.2	1.1	8.2	3.60E-02	40.70%
2782	10572212	<i>Gmip</i>	-0.2	0.9	8.0	3.60E-02	40.70%
2783	10446804	<i>Slc30a6</i>	0.2	1.2	9.4	3.60E-02	40.70%
2784	10548879	<i>Mgp</i>	-0.3	0.8	8.1	3.60E-02	40.70%
2785	10344346		-0.5	0.7	9.3	3.61E-02	40.72%
2786	10436621		-0.4	0.8	4.7	3.61E-02	40.79%
2787	10342744		0.4	1.3	8.4	3.61E-02	40.79%
2788	10342834		-0.5	0.7	4.5	3.62E-02	40.79%
2789	10344301		-0.8	0.6	4.8	3.62E-02	40.80%
2790	10433034	<i>Atf7</i>	-0.1	0.9	9.2	3.62E-02	40.80%
2791	10521759	<i>Slit2</i>	-0.2	0.8	6.8	3.62E-02	40.80%
2792	10343590		-0.3	0.8	7.9	3.62E-02	40.80%
2793	10437698	<i>Txndc11</i>	0.2	1.1	8.9	3.62E-02	40.80%
2794	10338314		-0.3	0.8	7.5	3.63E-02	40.82%
2795	10526882	<i>Heatr2</i>	0.2	1.1	7.9	3.63E-02	40.82%
2796	10565900	<i>D630004N19Rik</i>	-0.2	0.8	5.8	3.63E-02	40.82%
2797	10533812	<i>Sbno1</i>	-0.1	0.9	9.5	3.63E-02	40.83%
2798	10355454		0.2	1.2	7.2	3.63E-02	40.85%
2799	10339101		-0.4	0.8	9.1	3.64E-02	40.90%
2800	10562905	<i>Atf5</i>	0.3	1.2	7.4	3.64E-02	40.90%
2801	10421932	<i>Pcdh9</i>	-0.2	0.9	5.4	3.64E-02	40.90%
2802	10411722	<i>Mrps36</i>	0.3	1.2	8.5	3.64E-02	40.90%
2803	10340730		0.5	1.4	7.6	3.64E-02	40.90%
2804	10467730	<i>Morn4</i>	0.2	1.1	6.9	3.65E-02	40.91%
2805	10359235	<i>Rasal2</i>	-0.2	0.9	7.6	3.65E-02	40.91%
2806	10597279	<i>Ccrl2</i>	0.3	1.3	6.9	3.65E-02	40.94%
2807	10358849	<i>Dhx9</i>	-0.2	0.9	10.1	3.66E-02	40.97%
2808	10536111		0.2	1.1	5.7	3.66E-02	40.97%
2809	10450878	<i>Olfir103</i>	0.2	1.2	4.4	3.66E-02	40.97%
2810	10342918		0.3	1.3	8.9	3.66E-02	40.97%
2811	10375002	<i>Cpeb4</i>	-0.2	0.9	9.2	3.67E-02	41.00%
2812	10388902	<i>Lgals9</i>	0.2	1.2	12.3	3.67E-02	41.00%
2813	10418796	<i>Dph3</i>	0.2	1.1	9.4	3.67E-02	41.03%
2814	10402444	<i>Dicer1</i>	-0.2	0.9	9.5	3.67E-02	41.03%
2815	10498795	<i>Zfp114</i>	-0.1	0.9	8.8	3.67E-02	41.03%
2816	10343408		-0.5	0.7	4.8	3.67E-02	41.03%
2817	10535900		0.5	1.4	7.6	3.68E-02	41.04%
2818	10481857	<i>Pbx3</i>	-0.3	0.8	8.6	3.68E-02	41.04%
2819	10599120	<i>Dock11</i>	-0.3	0.8	9.3	3.68E-02	41.08%
2820	10387108	<i>Gm12298</i>	0.2	1.2	6.7	3.68E-02	41.08%

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2821	10434689	<i>Ahsg</i>	1.8	3.5	6.7	3.69E-02	41.11%
2822	10474048	<i>Syt13</i>	0.2	1.1	7.2	3.69E-02	41.18%
2823	10344163		-0.4	0.8	6.2	3.70E-02	41.18%
2824	10343294		-0.2	0.9	10.4	3.70E-02	41.18%
2825	10385048	<i>Tlx3</i>	0.2	1.2	6.0	3.70E-02	41.18%
2826	10342547		-0.3	0.8	8.4	3.70E-02	41.18%
2827	10453178	<i>Map4k3</i>	-0.3	0.8	9.3	3.70E-02	41.19%
2828	10340092		-0.3	0.8	7.6	3.71E-02	41.23%
2829	10437174	<i>Wrb</i>	0.3	1.2	8.2	3.71E-02	41.23%
2830	10580139	<i>Zswim4</i>	-0.2	0.9	7.5	3.71E-02	41.25%
2831	10520513	<i>4930471M23Rik</i>	0.2	1.1	9.2	3.71E-02	41.25%
2832	10443344		-0.2	0.9	8.0	3.72E-02	41.28%
2833	10341662		0.7	1.6	4.5	3.72E-02	41.28%
2834	10406681	<i>Ap3b1</i>	-0.1	0.9	10.1	3.72E-02	41.28%
2835	10342330		0.4	1.3	7.8	3.72E-02	41.28%
2836	10407097	<i>Pde4d</i>	-0.3	0.8	8.7	3.72E-02	41.28%
2837	10504499	<i>Zcchc7</i>	-0.2	0.9	8.1	3.73E-02	41.29%
2838	10340842		0.2	1.2	10.7	3.73E-02	41.29%
2839	10433597	<i>Snx29</i>	-0.2	0.9	7.9	3.73E-02	41.29%
2840	10567556	<i>Pdzd9</i>	0.2	1.1	5.5	3.73E-02	41.29%
2841	10434942	<i>Dlg1</i>	-0.2	0.9	10.1	3.73E-02	41.29%
2842	10558961	<i>Tspan4</i>	-0.4	0.8	8.2	3.73E-02	41.30%
2843	10470381	<i>5930434B04Rik</i>	0.2	1.2	8.4	3.73E-02	41.30%
2844	10526195	<i>Gtf2ird2</i>	-0.2	0.9	6.7	3.73E-02	41.30%
2845	10473976	<i>Harbi1</i>	-0.1	0.9	6.5	3.74E-02	41.33%
2846	10547916	<i>Ptms</i>	-0.3	0.8	10.1	3.74E-02	41.34%
2847	10435226	<i>Snx4</i>	-0.1	0.9	9.8	3.74E-02	41.34%
2848	10442075	<i>Vmn2r90</i>	0.2	1.2	4.7	3.74E-02	41.34%
2849	10605501		-0.2	0.8	3.6	3.75E-02	41.34%
2850	10545205		1.1	2.2	8.5	3.75E-02	41.34%
2851	10465686	<i>Rtn3</i>	-0.2	0.9	12.0	3.75E-02	41.34%
2852	10415431	<i>Mcpt1</i>	0.8	1.8	8.0	3.75E-02	41.34%
2853	10338317		0.3	1.3	11.3	3.75E-02	41.34%
2854	10539710	<i>Tial</i>	-0.3	0.8	8.4	3.75E-02	41.34%
2855	10405783	<i>Mir24-1</i>	-0.2	0.9	5.5	3.76E-02	41.37%
2856	10340022		0.3	1.2	7.9	3.77E-02	41.47%
2857	10608706	<i>Sap25</i>	-0.3	0.8	8.0	3.77E-02	41.47%
2858	10347033	<i>Crygf</i>	0.2	1.2	5.2	3.77E-02	41.48%
2859	10555118	<i>Pak1</i>	-0.2	0.9	10.2	3.77E-02	41.48%
2860	10404195	<i>D130043K22Rik</i>	-0.2	0.8	6.9	3.77E-02	41.48%
2861	10457838	<i>Zscan30</i>	-0.3	0.8	6.1	3.77E-02	41.50%

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2862	10605740	<i>Eif2s3x</i>	0.2	1.2	11.3	3.78E-02	41.53%
2863	10433507	<i>Ciita</i>	0.3	1.2	8.3	3.78E-02	41.53%
2864	10394448	<i>Pum2</i>	-0.2	0.9	10.1	3.78E-02	41.56%
2865	10481401	<i>Zer1</i>	-0.2	0.9	7.5	3.79E-02	41.56%
2866	10508901	<i>Gpn2</i>	0.2	1.1	8.3	3.79E-02	41.56%
2867	10341943		0.5	1.4	4.9	3.79E-02	41.56%
2868	10420694	<i>Ints6</i>	-0.2	0.9	8.9	3.79E-02	41.56%
2869	10340094		0.1	1.1	13.2	3.79E-02	41.56%
2870	10426891	<i>Mettl7a1</i>	-0.3	0.8	8.8	3.79E-02	41.56%
2871	10348062	<i>B3gnt7</i>	0.5	1.4	8.4	3.80E-02	41.61%
2872	10411432	<i>Utp15</i>	0.3	1.2	8.1	3.80E-02	41.62%
2873	10383133	<i>Slc26a11</i>	-0.2	0.9	6.6	3.81E-02	41.63%
2874	10373009	<i>Tsfm</i>	0.2	1.1	8.7	3.81E-02	41.63%
2875	10571128	<i>Prosc</i>	-0.2	0.9	9.3	3.81E-02	41.63%
2876	10454172	<i>Dsg2</i>	-0.3	0.8	10.9	3.81E-02	41.63%
2877	10369276	<i>Ccdc109a</i>	-0.2	0.9	11.2	3.81E-02	41.63%
2878	10394173	<i>Asxl2</i>	-0.1	0.9	9.5	3.81E-02	41.63%
2879	10594353	<i>Map2k5</i>	-0.2	0.9	8.0	3.81E-02	41.63%
2880	10457798	<i>4921528I01Rik</i>	0.2	1.1	4.1	3.81E-02	41.63%
2881	10339999		0.3	1.2	7.5	3.81E-02	41.63%
2882	10565315	<i>Fah</i>	0.4	1.3	8.3	3.81E-02	41.63%
2883	10394978	<i>Rrm2</i>	0.3	1.2	8.7	3.82E-02	41.65%
2884	10501762	<i>Snx7</i>	-0.2	0.9	10.8	3.82E-02	41.65%
2885	10461093	<i>Pla2g16</i>	0.4	1.3	8.5	3.82E-02	41.65%
2886	10587323	<i>Gstal</i>	-1.0	0.5	10.9	3.82E-02	41.65%
2887	10444291	<i>H2-Ab1</i>	0.2	1.2	10.8	3.83E-02	41.65%
2888	10483631		0.2	1.1	6.6	3.83E-02	41.65%
2889	10394789	<i>B430203G13Rik</i>	-0.2	0.9	6.6	3.83E-02	41.65%
2890	10388782		0.3	1.3	7.1	3.83E-02	41.65%
2891	10603878	<i>Uxt</i>	-0.2	0.8	6.7	3.83E-02	41.65%
2892	10340729		0.2	1.2	9.5	3.83E-02	41.68%
2893	10598077		1.0	2.0	7.2	3.83E-02	41.69%
2894	10584508	<i>Olfr969</i>	0.2	1.2	3.9	3.84E-02	41.69%
2895	10573583	<i>Man2b1</i>	-0.2	0.9	9.5	3.84E-02	41.69%
2896	10385656	<i>Zfp2</i>	-0.1	0.9	5.4	3.84E-02	41.70%
2897	10521984	<i>G6pd2</i>	0.1	1.1	8.4	3.84E-02	41.70%
2898	10444098	<i>Wdr46</i>	0.2	1.2	8.4	3.84E-02	41.72%
2899	10344586		-0.5	0.7	4.8	3.85E-02	41.72%
2900	10340778		0.5	1.4	4.2	3.85E-02	41.72%
2901	10340996		0.3	1.3	7.8	3.85E-02	41.74%
2902	10359201	<i>Ralgps2</i>	-0.2	0.9	9.2	3.85E-02	41.74%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2903	10369388	<i>Unc5b</i>	-0.2	0.9	8.4	3.85E-02	41.74%
2904	10502535		0.2	1.1	4.1	3.85E-02	41.74%
2905	10340834		0.3	1.3	3.0	3.86E-02	41.77%
2906	10469536		-0.2	0.9	4.7	3.86E-02	41.80%
2907	10517083	<i>Pigv</i>	-0.1	0.9	7.6	3.86E-02	41.80%
2908	10549402	<i>Ergic2</i>	-0.3	0.8	10.5	3.87E-02	41.81%
2909	10372853	<i>Tbkl</i>	-0.2	0.9	9.8	3.87E-02	41.81%
2910	10340906		-0.3	0.8	5.7	3.87E-02	41.81%
2911	10547140	<i>Tmcc1</i>	-0.2	0.8	8.7	3.87E-02	41.81%
2912	10400572	<i>Klhl28</i>	-0.2	0.8	8.3	3.87E-02	41.81%
2913	10507250	<i>Pomgnt1</i>	0.1	1.1	7.8	3.87E-02	41.81%
2914	10401149	<i>Plek2</i>	-0.4	0.8	9.7	3.88E-02	41.81%
2915	10508800	<i>Gm3579</i>	-0.3	0.8	5.8	3.88E-02	41.81%
2916	10573865	<i>Gm3579</i>	-0.3	0.8	5.8	3.88E-02	41.81%
2917	10534960	<i>Gjc3</i>	0.2	1.1	5.3	3.88E-02	41.81%
2918	10577922	<i>Hook3</i>	-0.3	0.8	8.9	3.88E-02	41.81%
2919	10434869	<i>Ccdc50</i>	-0.2	0.9	9.9	3.88E-02	41.81%
2920	10364430	<i>Vmn2r81</i>	-0.2	0.9	3.1	3.89E-02	41.81%
2921	10466402	<i>Eif4a1</i>	0.1	1.1	12.6	3.89E-02	41.81%
2922	10438069	<i>Ypel1</i>	-0.3	0.8	7.2	3.89E-02	41.81%
2923	10572637	<i>Fam125a</i>	0.1	1.1	9.8	3.89E-02	41.81%
2924	10339686		-0.3	0.8	6.6	3.89E-02	41.81%
2925	10546430	<i>Adamts9</i>	0.2	1.1	7.7	3.89E-02	41.81%
2926	10521832	<i>Pi4k2b</i>	-0.3	0.8	10.3	3.89E-02	41.81%
2927	10607862		0.2	1.1	7.3	3.89E-02	41.81%
2928	10412659		0.2	1.2	5.1	3.89E-02	41.81%
2929	10555911	<i>Olfir681</i>	0.2	1.1	3.9	3.89E-02	41.81%
2930	10344040		-0.5	0.7	5.5	3.89E-02	41.81%
2931	10507379	<i>Zswim5</i>	-0.3	0.8	9.4	3.90E-02	41.81%
2932	10515920	<i>Ppcs</i>	0.2	1.2	8.2	3.90E-02	41.82%
2933	10596119	<i>Cep63</i>	-0.3	0.8	6.9	3.90E-02	41.82%
2934	10342698		0.2	1.2	8.5	3.90E-02	41.82%
2935	10446833	<i>Birc6</i>	-0.1	0.9	10.3	3.90E-02	41.82%
2936	10342691		0.5	1.4	4.4	3.90E-02	41.82%
2937	10547469		-0.2	0.9	8.3	3.91E-02	41.82%
2938	10442098	<i>Fpr3</i>	0.2	1.2	5.3	3.91E-02	41.82%
2939	10596652	<i>Hemk1</i>	0.2	1.2	7.1	3.91E-02	41.82%
2940	10456639	<i>Ccdc11</i>	-0.2	0.9	5.2	3.91E-02	41.83%
2941	10404402	<i>Foxq1</i>	-1.0	0.5	7.8	3.91E-02	41.83%
2942	10401382	<i>Numb</i>	-0.2	0.9	10.6	3.92E-02	41.83%
2943	10451784	<i>Kcnh8</i>	-0.2	0.9	5.7	3.92E-02	41.83%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
2944	10378902	<i>Nufip2</i>	-0.2	0.9	10.2	3.92E-02	41.83%
2945	10451637		0.2	1.2	4.6	3.92E-02	41.83%
2946	10531215	<i>Ankrd17</i>	-0.1	0.9	10.1	3.92E-02	41.83%
2947	10412078	<i>Gapt</i>	-0.2	0.9	5.9	3.92E-02	41.83%
2948	10482181	<i>Strbp</i>	-0.3	0.8	9.3	3.92E-02	41.83%
2949	10358615	<i>Hmcn1</i>	-0.3	0.8	6.7	3.92E-02	41.85%
2950	10370681	<i>C030046I01Rik</i>	0.2	1.1	9.2	3.92E-02	41.85%
2951	10342341		0.3	1.3	6.6	3.93E-02	41.85%
2952	10376885	<i>Snord49b</i>	0.6	1.6	10.6	3.93E-02	41.85%
2953	10421948		-0.4	0.8	4.0	3.93E-02	41.85%
2954	10424383		1.0	2.0	6.3	3.93E-02	41.85%
2955	10410295	<i>Zfp595</i>	-0.2	0.8	7.1	3.93E-02	41.85%
2956	10537817	<i>Olf441</i>	0.2	1.1	5.5	3.93E-02	41.85%
2957	10470705	<i>Rapgef1</i>	-0.1	0.9	8.1	3.94E-02	41.85%
2958	10338869		-0.4	0.7	7.1	3.94E-02	41.85%
2959	10420268	<i>Gzme</i>	0.2	1.2	4.9	3.94E-02	41.86%
2960	10340412		0.5	1.4	6.9	3.94E-02	41.86%
2961	10570951	<i>Nkx6-3</i>	-0.3	0.8	7.0	3.94E-02	41.88%
2962	10340855		0.6	1.5	4.6	3.94E-02	41.88%
2963	10338976		-0.9	0.5	5.2	3.94E-02	41.88%
2964	10347888	<i>Ccl20</i>	-0.8	0.6	7.9	3.95E-02	41.90%
2965	10410279		-0.2	0.9	6.4	3.95E-02	41.92%
2966	10537909	<i>Rny3</i>	0.6	1.5	12.6	3.96E-02	41.96%
2967	10524077		0.3	1.2	5.7	3.96E-02	41.96%
2968	10407337	<i>Hcn1</i>	-0.4	0.8	6.3	3.96E-02	41.96%
2969	10358573	<i>Hmcn1</i>	-0.2	0.9	7.1	3.96E-02	41.97%
2970	10591853	<i>Tbx20</i>	0.3	1.2	5.3	3.96E-02	41.99%
2971	10343809		-0.5	0.7	7.0	3.97E-02	42.00%
2972	10499470	<i>Rusc1</i>	0.2	1.1	8.3	3.97E-02	42.02%
2973	10343630		-0.3	0.8	9.8	3.97E-02	42.02%
2974	10358605	<i>Hmcn1</i>	-0.2	0.9	6.2	3.97E-02	42.02%
2975	10601461	<i>Cylc1</i>	0.2	1.2	3.7	3.98E-02	42.02%
2976	10340119		0.5	1.5	5.4	3.98E-02	42.02%
2977	10411019	<i>Msh3</i>	-0.2	0.8	8.1	3.98E-02	42.02%
2978	10555766		0.2	1.2	4.6	3.98E-02	42.02%
2979	10469522	<i>BC061194</i>	0.2	1.2	5.7	3.98E-02	42.02%
2980	10558134	<i>Plekha1</i>	-0.4	0.8	9.6	3.98E-02	42.02%
2981	10515981	<i>Mir30e</i>	0.4	1.3	6.0	3.98E-02	42.02%
2982	10343925		0.7	1.6	5.7	3.99E-02	42.09%
2983	10510507	<i>Mir34a</i>	0.3	1.2	4.5	3.99E-02	42.10%
2984	10412844	<i>Top2b</i>	-0.3	0.8	9.0	3.99E-02	42.10%

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2985	10448232	<i>Gm16386</i>	-0.1	0.9	7.5	4.00E-02	42.10%
2986	10349453	<i>Rab3gap1</i>	-0.2	0.9	8.5	4.00E-02	42.10%
2987	10339807		-0.2	0.9	11.9	4.00E-02	42.10%
2988	10545187	<i>Igk-V1</i>	0.6	1.6	11.1	4.01E-02	42.15%
2989	10341670		0.3	1.3	6.3	4.01E-02	42.15%
2990	10400006	<i>Ahr</i>	-0.2	0.9	8.7	4.01E-02	42.17%
2991	10523845	<i>Ephx4</i>	0.2	1.1	4.9	4.01E-02	42.17%
2992	10340408		-0.2	0.9	9.2	4.01E-02	42.17%
2993	10493548	<i>Pmvk</i>	0.3	1.2	7.8	4.01E-02	42.17%
2994	10497590	<i>Mecom</i>	-0.4	0.7	7.4	4.02E-02	42.17%
2995	10338133		0.4	1.3	6.9	4.02E-02	42.17%
2996	10343453		-0.6	0.7	5.0	4.02E-02	42.17%
2997	10497613		-0.2	0.9	4.7	4.02E-02	42.17%
2998	10382542	<i>Nup85</i>	0.2	1.1	8.6	4.02E-02	42.17%
2999	10341608		-0.2	0.9	10.3	4.02E-02	42.20%
3000	10466636	<i>Tmc1</i>	0.2	1.1	4.7	4.03E-02	42.21%
3001	10420286	<i>Gzmn</i>	0.2	1.1	4.1	4.03E-02	42.25%
3002	10503214	<i>Chd7</i>	-0.2	0.9	7.6	4.03E-02	42.25%
3003	10437222	<i>Hnrnpa3</i>	-0.3	0.8	11.4	4.03E-02	42.25%
3004	10500140	<i>Anxa9</i>	0.2	1.1	6.1	4.03E-02	42.25%
3005	10420362	<i>Gjb2</i>	0.2	1.2	8.5	4.04E-02	42.27%
3006	10398195	<i>Ccnk</i>	-0.1	0.9	9.5	4.04E-02	42.27%
3007	10352092	<i>Zfp238</i>	-0.2	0.9	8.2	4.05E-02	42.30%
3008	10372682	<i>Slc35e3</i>	-0.6	0.6	7.2	4.05E-02	42.30%
3009	10535894	<i>Hmgb1</i>	-0.3	0.8	8.2	4.05E-02	42.30%
3010	10590479	<i>Zfp167</i>	-0.2	0.9	6.0	4.05E-02	42.34%
3011	10341623		0.6	1.5	3.8	4.05E-02	42.34%
3012	10523001	<i>Mobk11a</i>	-0.2	0.9	10.3	4.05E-02	42.34%
3013	10428857	<i>Mtss1</i>	-0.2	0.9	8.2	4.06E-02	42.34%
3014	10375341		-0.1	0.9	3.3	4.06E-02	42.34%
3015	10452633	<i>Tgif1</i>	-0.3	0.8	9.0	4.06E-02	42.37%
3016	10423663	<i>Vps13b</i>	-0.2	0.9	9.0	4.06E-02	42.38%
3017	10517312	<i>Tmem57</i>	-0.2	0.9	8.6	4.07E-02	42.39%
3018	10340482		0.6	1.5	5.4	4.07E-02	42.44%
3019	10448424	<i>Pdpk1</i>	-0.1	0.9	10.2	4.07E-02	42.44%
3020	10536563	<i>Cftr</i>	-0.3	0.8	9.6	4.07E-02	42.44%
3021	10587695	<i>Mthfs</i>	-0.3	0.8	7.4	4.08E-02	42.45%
3022	10599972	<i>Hnrnpa3</i>	-0.3	0.8	11.4	4.08E-02	42.45%
3023	10542615	<i>Slco1b2</i>	0.5	1.4	4.6	4.08E-02	42.49%
3024	10439411	<i>Nr1i2</i>	-0.3	0.8	10.1	4.09E-02	42.55%
3025	10506500	<i>Usp24</i>	-0.2	0.9	9.0	4.09E-02	42.55%

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3026	10466317	<i>U05342</i>	-0.1	0.9	7.6	4.09E-02	42.55%
3027	10571745	<i>Cldn22</i>	0.2	1.2	5.9	4.10E-02	42.58%
3028	10503917	<i>Akirin2</i>	-0.1	0.9	9.4	4.10E-02	42.58%
3029	10342496		-0.3	0.8	7.9	4.10E-02	42.58%
3030	10338444		-0.4	0.7	3.1	4.11E-02	42.64%
3031	10339750		0.4	1.4	9.6	4.11E-02	42.70%
3032	10428310	<i>Azin1</i>	-0.2	0.9	10.7	4.12E-02	42.71%
3033	10378914	<i>Myo18a</i>	-0.2	0.9	8.8	4.12E-02	42.71%
3034	10376803	<i>Fam83g</i>	0.2	1.1	7.2	4.12E-02	42.75%
3035	10340401		0.6	1.5	5.7	4.12E-02	42.75%
3036	10339967		0.3	1.3	8.1	4.13E-02	42.76%
3037	10477543	<i>Cbfa2t2</i>	-0.2	0.9	8.1	4.13E-02	42.76%
3038	10342493		-0.4	0.8	6.9	4.13E-02	42.79%
3039	10558914	<i>Rplp2</i>	0.2	1.1	7.4	4.13E-02	42.79%
3040	10342340		-0.4	0.7	5.0	4.14E-02	42.79%
3041	10421581	<i>Lrch1</i>	-0.2	0.9	8.4	4.14E-02	42.81%
3042	10358587	<i>Hmcn1</i>	-0.4	0.8	4.8	4.14E-02	42.82%
3043	10595831	<i>Zbtb38</i>	-0.2	0.9	9.3	4.15E-02	42.88%
3044	10380477	<i>Ppp1r9b</i>	-0.2	0.9	8.6	4.15E-02	42.88%
3045	10565486	<i>Eed</i>	-0.2	0.8	8.9	4.15E-02	42.88%
3046	10526587	<i>Gigyfl</i>	-0.2	0.9	7.0	4.15E-02	42.88%
3047	10477311	<i>Asxl1</i>	-0.2	0.9	8.6	4.16E-02	42.88%
3048	10420241	<i>Mcpt9</i>	0.4	1.3	6.2	4.16E-02	42.88%
3049	10551426	<i>Zfp59</i>	-0.2	0.9	9.0	4.16E-02	42.88%
3050	10600825	<i>Zc3h12b</i>	-0.2	0.9	6.0	4.17E-02	42.88%
3051	10341002		-0.3	0.8	6.7	4.17E-02	42.88%
3052	10519484	<i>Steap2</i>	-0.2	0.9	4.5	4.17E-02	42.88%
3053	10508645	<i>Snord85</i>	-0.3	0.8	7.8	4.17E-02	42.88%
3054	10346780	<i>Eif4a1</i>	0.1	1.1	12.3	4.17E-02	42.88%
3055	10438478	<i>Abcc5</i>	-0.1	0.9	7.2	4.17E-02	42.88%
3056	10452030	<i>Plin3</i>	0.2	1.2	11.2	4.17E-02	42.88%
3057	10471753	<i>Olfr347</i>	0.2	1.2	4.4	4.17E-02	42.88%
3058	10395684	<i>Nubpl</i>	0.3	1.2	6.3	4.17E-02	42.88%
3059	10342729		0.5	1.4	3.9	4.17E-02	42.88%
3060	10339695		-0.4	0.8	6.3	4.18E-02	42.88%
3061	10456018	<i>Arsi</i>	0.2	1.2	6.5	4.18E-02	42.88%
3062	10396066		0.1	1.1	14.0	4.18E-02	42.88%
3063	10400704		0.1	1.1	14.0	4.18E-02	42.88%
3064	10339351		0.2	1.1	6.1	4.18E-02	42.88%
3065	10492165		-0.4	0.7	4.8	4.18E-02	42.88%
3066	10501909	<i>Mettl14</i>	-0.2	0.9	8.3	4.18E-02	42.88%

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3067	10549012	<i>Gm6614</i>	0.2	1.2	3.9	4.18E-02	42.88%
3068	10523111		0.3	1.3	5.1	4.18E-02	42.88%
3069	10423770	<i>Grhl2</i>	-0.2	0.9	7.9	4.18E-02	42.88%
3070	10580391	<i>Itfg1</i>	-0.2	0.9	10.8	4.19E-02	42.88%
3071	10510982	<i>Pex10</i>	0.2	1.2	8.1	4.19E-02	42.88%
3072	10501397	<i>Tmem167b</i>	-0.1	0.9	10.2	4.19E-02	42.90%
3073	10586126		0.2	1.1	6.7	4.19E-02	42.90%
3074	10597960	<i>Slc6a20a</i>	-0.5	0.7	11.5	4.19E-02	42.92%
3075	10573112		0.2	1.1	6.6	4.20E-02	42.92%
3076	10474836	<i>Ivd</i>	0.2	1.1	8.2	4.20E-02	42.92%
3077	10342332		0.3	1.2	9.0	4.20E-02	42.92%
3078	10513160	<i>Ptpn3</i>	-0.3	0.8	8.1	4.20E-02	42.93%
3079	10344809	<i>Cspp1</i>	-0.2	0.8	8.1	4.20E-02	42.93%
3080	10338424		0.2	1.2	9.8	4.20E-02	42.93%
3081	10531994	<i>Mpa2l</i>	0.6	1.5	8.9	4.21E-02	42.94%
3082	10465651	<i>Mark2</i>	-0.1	0.9	9.7	4.21E-02	42.95%
3083	10343480		-0.5	0.7	5.8	4.21E-02	42.95%
3084	10386934	<i>Wsb2</i>	-0.2	0.9	9.8	4.21E-02	42.95%
3085	10342238		-0.4	0.7	5.8	4.21E-02	42.95%
3086	10342453		0.4	1.3	6.2	4.21E-02	42.95%
3087	10480432		-0.4	0.8	7.7	4.22E-02	42.95%
3088	10341638		-0.3	0.8	6.0	4.22E-02	42.95%
3089	10547926	<i>Cops7a</i>	0.1	1.1	10.3	4.22E-02	42.95%
3090	10527101	<i>Foxk1</i>	-0.2	0.9	8.5	4.22E-02	42.95%
3091	10394534	<i>Osr1</i>	0.3	1.2	7.3	4.23E-02	42.95%
3092	10340150		-0.6	0.7	4.2	4.23E-02	42.95%
3093	10452709	<i>Ndc80</i>	-0.2	0.8	7.5	4.23E-02	42.95%
3094	10540075	<i>Hdac11</i>	-0.3	0.8	7.9	4.23E-02	42.95%
3095	10432398	<i>Tuba1b</i>	0.1	1.1	12.5	4.23E-02	42.95%
3096	10502131	<i>Lrit3</i>	-0.2	0.9	5.7	4.23E-02	42.95%
3097	10545182		1.5	2.7	9.4	4.23E-02	42.95%
3098	10438423	<i>Olfr165</i>	-0.7	0.6	7.8	4.23E-02	42.96%
3099	10451613	<i>Foxp4</i>	-0.2	0.9	8.4	4.23E-02	42.96%
3100	10435802		-0.2	0.9	6.8	4.23E-02	42.96%
3101	10391005	<i>Krt36</i>	0.1	1.1	5.7	4.24E-02	42.96%
3102	10385941	<i>Tnip1</i>	-0.2	0.9	8.7	4.24E-02	42.96%
3103	10529979	<i>Ppargc1a</i>	-0.6	0.7	10.2	4.24E-02	42.96%
3104	10423742	<i>Polr2k</i>	0.2	1.2	6.8	4.24E-02	42.96%
3105	10375614	<i>Gfpt2</i>	0.2	1.2	6.5	4.24E-02	42.96%
3106	10416584		0.2	1.2	6.2	4.24E-02	42.97%
3107	10471743	<i>Olfr340</i>	0.2	1.1	3.4	4.24E-02	42.97%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
3108	10470649	<i>Ttfl</i>	-0.1	0.9	7.7	4.25E-02	42.97%
3109	10373912	<i>Osm</i>	0.2	1.2	5.4	4.25E-02	42.97%
3110	10562349	<i>Pdcd2l</i>	0.1	1.1	8.3	4.25E-02	42.97%
3111	10392943	<i>Hn1</i>	0.2	1.1	11.0	4.25E-02	42.97%
3112	10463068	<i>Ptp4a1</i>	-0.3	0.8	11.5	4.25E-02	42.97%
3113	10563411	<i>Grwd1</i>	0.2	1.2	7.4	4.25E-02	42.97%
3114	10414970		0.3	1.2	5.5	4.26E-02	42.99%
3115	10568586	<i>Fam53b</i>	-0.3	0.8	8.0	4.26E-02	42.99%
3116	10554269	<i>Abhd2</i>	-0.4	0.8	11.7	4.26E-02	42.99%
3117	10340664		-0.4	0.8	7.1	4.27E-02	43.01%
3118	10532461		-0.2	0.9	6.9	4.27E-02	43.01%
3119	10338715		-0.4	0.8	6.1	4.27E-02	43.01%
3120	10555762	<i>Olfr584</i>	0.2	1.1	4.6	4.27E-02	43.01%
3121	10462995		-0.2	0.9	4.7	4.27E-02	43.01%
3122	10426875	<i>Atf1</i>	-0.2	0.9	9.5	4.27E-02	43.01%
3123	10438626	<i>Etv5</i>	0.2	1.2	6.5	4.27E-02	43.01%
3124	10581772	<i>Glg1</i>	-0.2	0.9	9.8	4.27E-02	43.01%
3125	10498038	<i>Elf2</i>	-0.2	0.9	9.1	4.28E-02	43.07%
3126	10344789	<i>Cspp1</i>	-0.4	0.8	8.5	4.28E-02	43.07%
3127	10341792		0.1	1.1	12.0	4.28E-02	43.07%
3128	10502191	<i>Ostc</i>	0.2	1.1	11.3	4.28E-02	43.08%
3129	10484618	<i>Olfr1083</i>	0.2	1.1	4.0	4.29E-02	43.10%
3130	10559504	<i>Leng9</i>	-0.3	0.8	8.1	4.29E-02	43.11%
3131	10566050	<i>Il18bp</i>	0.2	1.2	8.9	4.29E-02	43.11%
3132	10374455	<i>Spred2</i>	-0.2	0.9	9.3	4.29E-02	43.11%
3133	10338862		-0.6	0.7	5.1	4.29E-02	43.12%
3134	10445718	<i>Pgc</i>	0.2	1.2	6.0	4.30E-02	43.12%
3135	10505240		0.9	1.9	5.0	4.30E-02	43.12%
3136	10532944	<i>Mlec</i>	0.2	1.1	11.0	4.30E-02	43.17%
3137	10342984		-0.6	0.7	3.3	4.31E-02	43.18%
3138	10421670		0.2	1.1	6.8	4.31E-02	43.18%
3139	10383360	<i>Ccdc137</i>	0.2	1.1	7.5	4.31E-02	43.18%
3140	10534839	<i>Pop7</i>	0.2	1.1	7.1	4.31E-02	43.20%
3141	10575349	<i>Tat</i>	0.9	1.8	6.2	4.32E-02	43.20%
3142	10465943	<i>Dagla</i>	0.2	1.1	7.1	4.32E-02	43.20%
3143	10403193	<i>Sp4</i>	-0.3	0.8	7.5	4.32E-02	43.20%
3144	10505249		0.3	1.2	3.3	4.32E-02	43.20%
3145	10488048	<i>Mkks</i>	-0.2	0.9	8.4	4.32E-02	43.20%
3146	10605561	<i>4930595M18Rik</i>	-0.1	0.9	3.4	4.32E-02	43.20%
3147	10493516		-0.2	0.9	6.2	4.32E-02	43.20%
3148	10587331	<i>Gstal</i>	-1.0	0.5	10.8	4.32E-02	43.20%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
3149	10341507		0.2	1.1	9.7	4.33E-02	43.22%
3150	10421555	<i>Mir687</i>	-0.4	0.7	7.3	4.33E-02	43.24%
3151	10340690		-0.3	0.8	7.3	4.34E-02	43.28%
3152	10600403	<i>Fam50a</i>	-0.2	0.9	7.8	4.34E-02	43.32%
3153	10360985	<i>Cenpf</i>	-0.3	0.8	7.9	4.34E-02	43.34%
3154	10478778	<i>Arfgef2</i>	-0.2	0.9	9.3	4.35E-02	43.34%
3155	10590265		0.2	1.2	8.6	4.35E-02	43.34%
3156	10425808	<i>Tspo</i>	0.2	1.1	8.7	4.35E-02	43.34%
3157	10536126	<i>A430089I19Rik</i>	0.2	1.1	5.4	4.35E-02	43.34%
3158	10558439	<i>Phgdh</i>	0.3	1.2	8.2	4.35E-02	43.36%
3159	10339185		0.2	1.2	10.4	4.36E-02	43.39%
3160	10588855	<i>Mst1</i>	0.2	1.2	6.6	4.36E-02	43.40%
3161	10461164	<i>Wdr74</i>	0.2	1.2	8.6	4.36E-02	43.40%
3162	10373197	<i>Inhbc</i>	0.2	1.1	6.2	4.36E-02	43.40%
3163	10506108		-0.2	0.9	6.1	4.38E-02	43.47%
3164	10361366	<i>Mtrf11</i>	-0.2	0.9	7.5	4.38E-02	43.47%
3165	10541071	<i>8430408G22Rik</i>	-0.2	0.8	6.2	4.38E-02	43.47%
3166	10475830	<i>Mrps5</i>	0.2	1.2	8.8	4.38E-02	43.47%
3167	10372235	<i>Ptprq</i>	-0.2	0.9	5.5	4.38E-02	43.47%
3168	10567108	<i>Sox6</i>	-0.2	0.9	8.6	4.38E-02	43.47%
3169	10363195	<i>Hsf2</i>	-0.3	0.8	7.0	4.38E-02	43.47%
3170	10507784	<i>Ppt1</i>	0.3	1.2	10.5	4.38E-02	43.47%
3171	10349634		0.4	1.3	4.5	4.39E-02	43.47%
3172	10576610	<i>Pard3</i>	-0.1	0.9	8.7	4.39E-02	43.47%
3173	10602009	<i>Rnf128</i>	-0.2	0.9	12.0	4.39E-02	43.47%
3174	10343275		0.4	1.3	3.3	4.39E-02	43.47%
3175	10475420	<i>Trim69</i>	-0.2	0.9	5.6	4.39E-02	43.47%
3176	10340989		0.7	1.7	10.2	4.39E-02	43.47%
3177	10378154	<i>Zzef1</i>	-0.2	0.9	10.4	4.39E-02	43.47%
3178	10387620	<i>Amac1</i>	0.3	1.2	5.6	4.39E-02	43.47%
3179	10436734	<i>Bach1</i>	-0.3	0.8	10.0	4.39E-02	43.47%
3180	10559687	<i>Isoc2b</i>	0.2	1.2	7.2	4.40E-02	43.47%
3181	10381872	<i>Tlk2</i>	-0.2	0.8	8.1	4.40E-02	43.47%
3182	10426169	<i>I300018J18Rik</i>	-0.2	0.9	8.3	4.40E-02	43.47%
3183	10338754		-0.4	0.7	6.1	4.40E-02	43.48%
3184	10340667		0.4	1.3	4.4	4.40E-02	43.48%
3185	10342686		-0.5	0.7	4.9	4.41E-02	43.54%
3186	10363894	<i>Ipmk</i>	-0.3	0.8	11.3	4.42E-02	43.67%
3187	10496789	<i>Lpar3</i>	-0.2	0.9	7.1	4.43E-02	43.69%
3188	10516551	<i>SI00pbp</i>	-0.2	0.9	7.5	4.43E-02	43.69%
3189	10529375	<i>Mxd4</i>	-0.2	0.9	8.8	4.43E-02	43.69%

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3190	10515696	<i>Szt2</i>	-0.2	0.9	8.1	4.44E-02	43.69%
3191	10485183	<i>Slc35c1</i>	0.2	1.1	8.9	4.44E-02	43.69%
3192	10343594		0.3	1.2	8.2	4.44E-02	43.69%
3193	10553197	<i>Ush1c</i>	0.2	1.2	6.1	4.44E-02	43.69%
3194	10584372	<i>Olfr887</i>	0.2	1.1	4.1	4.44E-02	43.69%
3195	10462702	<i>Hectd2</i>	-0.2	0.9	5.8	4.44E-02	43.69%
3196	10374400	<i>Fbxo48</i>	-0.3	0.8	6.1	4.44E-02	43.69%
3197	10391828	<i>C1ql1</i>	0.2	1.2	6.4	4.44E-02	43.69%
3198	10528257	<i>Rsbnl1</i>	-0.3	0.8	9.1	4.45E-02	43.77%
3199	10387807	<i>0610010K14Rik</i>	0.1	1.1	9.0	4.45E-02	43.77%
3200	10505922		0.2	1.1	7.3	4.45E-02	43.77%
3201	10341749		-0.2	0.8	8.9	4.46E-02	43.78%
3202	10436304	<i>Abi3bp</i>	-0.3	0.8	8.0	4.46E-02	43.78%
3203	10562592	<i>Gm5114</i>	0.2	1.2	6.0	4.46E-02	43.84%
3204	10419542	<i>Tmem55b</i>	-0.1	0.9	8.4	4.47E-02	43.88%
3205	10342646		0.2	1.2	9.6	4.47E-02	43.88%
3206	10441280	<i>Prdm15</i>	-0.1	0.9	7.6	4.47E-02	43.88%
3207	10590191	<i>Wdr48</i>	-0.2	0.9	9.8	4.47E-02	43.88%
3208	10536752	<i>Fscn3</i>	0.2	1.2	5.3	4.48E-02	43.88%
3209	10554629	<i>Eftud1</i>	-0.2	0.9	8.8	4.48E-02	43.88%
3210	10431845	<i>Ano6</i>	-0.2	0.9	5.9	4.48E-02	43.89%
3211	10404904	<i>Rbm24</i>	0.1	1.1	7.7	4.48E-02	43.89%
3212	10500360		-0.2	0.9	5.3	4.48E-02	43.90%
3213	10517655	<i>Pla2g5</i>	0.5	1.5	8.0	4.49E-02	43.93%
3214	10411306	<i>Polk</i>	-0.3	0.8	7.3	4.49E-02	43.93%
3215	10484941	<i>Madd</i>	-0.1	0.9	7.6	4.49E-02	43.93%
3216	10464251	<i>Atrnl1</i>	-0.2	0.9	9.3	4.49E-02	43.93%
3217	10341887		-0.5	0.7	5.5	4.49E-02	43.93%
3218	10349239	<i>Mki67ip</i>	0.3	1.2	9.8	4.49E-02	43.93%
3219	10513551	<i>Fkbp15</i>	0.1	1.1	8.8	4.50E-02	43.93%
3220	10519234	<i>B3galt6</i>	0.2	1.2	6.7	4.50E-02	43.93%
3221	10404051	<i>Hist1h4d</i>	0.2	1.1	12.7	4.50E-02	43.94%
3222	10488626	<i>Zcchc3</i>	0.2	1.1	7.0	4.50E-02	43.94%
3223	10339146		-0.5	0.7	4.9	4.50E-02	43.94%
3224	10400633		-0.3	0.8	3.7	4.51E-02	43.94%
3225	10551570	<i>Sirt2</i>	0.1	1.1	9.5	4.51E-02	43.94%
3226	10339836		0.3	1.2	8.8	4.51E-02	43.94%
3227	10550163	<i>Sult2a1</i>	0.3	1.2	3.3	4.51E-02	43.94%
3228	10451879	<i>Zfp119a</i>	-0.3	0.8	5.8	4.51E-02	43.97%
3229	10340812		-0.3	0.8	7.2	4.52E-02	43.98%
3230	10442194	<i>Zfp677</i>	-0.3	0.8	5.2	4.52E-02	43.98%

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3231	10498395		0.2	1.1	2.6	4.52E-02	43.98%
3232	10440717		0.2	1.1	8.2	4.52E-02	43.98%
3233	10459071	<i>2010002N04Rik</i>	0.4	1.3	8.0	4.52E-02	43.98%
3234	10387638	<i>Fgf11</i>	-0.2	0.9	6.6	4.52E-02	43.98%
3235	10344604		0.2	1.1	11.0	4.52E-02	43.98%
3236	10433219	<i>Nat15</i>	-0.2	0.9	10.4	4.53E-02	43.99%
3237	10339310		-0.5	0.7	5.9	4.53E-02	43.99%
3238	10344365		-0.5	0.7	4.8	4.53E-02	44.02%
3239	10528484	<i>Srpk2</i>	-0.2	0.8	7.8	4.53E-02	44.03%
3240	10405885		0.4	1.3	3.9	4.53E-02	44.03%
3241	10458046	<i>D0H4S114</i>	-0.3	0.8	8.1	4.54E-02	44.05%
3242	10357696		0.2	1.2	5.6	4.54E-02	44.05%
3243	10554895	<i>Crebzf</i>	-0.2	0.9	8.7	4.54E-02	44.05%
3244	10534075	<i>Psph</i>	0.2	1.2	7.3	4.54E-02	44.05%
3245	10543530	<i>Pax4</i>	0.2	1.1	6.3	4.55E-02	44.05%
3246	10580981		0.2	1.1	7.2	4.55E-02	44.05%
3247	10542340	<i>8430419L09Rik</i>	-0.2	0.9	8.9	4.55E-02	44.05%
3248	10342735		0.6	1.5	7.0	4.55E-02	44.05%
3249	10371770	<i>Gas2l3</i>	-0.4	0.8	8.8	4.55E-02	44.05%
3250	10342501		0.4	1.3	6.6	4.55E-02	44.05%
3251	10547807	<i>Eno2</i>	-0.1	0.9	6.4	4.56E-02	44.05%
3252	10344329		-0.5	0.7	6.4	4.56E-02	44.05%
3253	10344342		-0.5	0.7	7.6	4.56E-02	44.05%
3254	10362672		0.3	1.3	9.1	4.56E-02	44.05%
3255	10338794		-0.3	0.8	7.2	4.56E-02	44.05%
3256	10474411	<i>Lin7c</i>	-0.3	0.8	11.1	4.56E-02	44.06%
3257	10500555	<i>Hsd3b3</i>	-0.8	0.6	5.5	4.56E-02	44.07%
3258	10344556		-0.3	0.8	6.6	4.57E-02	44.08%
3259	10510574	<i>Errfi1</i>	-0.3	0.8	10.4	4.57E-02	44.08%
3260	10596166	<i>1300017J02Rik</i>	0.5	1.4	6.4	4.57E-02	44.11%
3261	10437655	<i>Nubp1</i>	0.2	1.1	7.1	4.57E-02	44.11%
3262	10359689	<i>Atp1b1</i>	-0.1	0.9	13.1	4.57E-02	44.11%
3263	10343885		-0.3	0.8	8.0	4.58E-02	44.11%
3264	10552613	<i>Klk1b4</i>	0.3	1.2	6.3	4.58E-02	44.11%
3265	10378253	<i>Camkk1</i>	-0.2	0.9	7.0	4.59E-02	44.18%
3266	10465812	<i>Ttc9c</i>	-0.1	0.9	9.5	4.59E-02	44.18%
3267	10338460		-0.2	0.9	10.3	4.59E-02	44.18%
3268	10395201	<i>Slc26a3</i>	-0.2	0.9	11.3	4.59E-02	44.19%
3269	10496204	<i>Cenpe</i>	-0.3	0.8	8.1	4.60E-02	44.22%
3270	10555771	<i>Olfir592</i>	-0.2	0.9	3.7	4.60E-02	44.22%
3271	10489038	<i>Scand1</i>	0.2	1.1	10.9	4.60E-02	44.22%

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3272	10409338	<i>Nop16</i>	0.2	1.1	9.8	4.60E-02	44.22%
3273	10339934		-0.5	0.7	6.4	4.60E-02	44.22%
3274	10343602		-0.2	0.9	9.9	4.60E-02	44.22%
3275	10584803	<i>Ift46</i>	-0.2	0.9	9.5	4.60E-02	44.22%
3276	10608703	<i>Tomt</i>	0.2	1.1	5.6	4.61E-02	44.23%
3277	10604169	<i>Rhox12</i>	0.2	1.1	5.6	4.61E-02	44.24%
3278	10341769		-0.3	0.8	10.0	4.61E-02	44.24%
3279	10350335	<i>Hmbs</i>	0.2	1.1	9.6	4.61E-02	44.24%
3280	10456005	<i>Cd74</i>	0.2	1.1	12.4	4.61E-02	44.24%
3281	10473252		0.2	1.1	3.2	4.62E-02	44.28%
3282	10542237		0.2	1.1	4.5	4.62E-02	44.31%
3283	10433639	<i>Mkl2</i>	-0.2	0.9	8.9	4.62E-02	44.31%
3284	10341037		-0.8	0.6	2.8	4.63E-02	44.32%
3285	10594301	<i>Coro2b</i>	0.2	1.1	6.4	4.63E-02	44.32%
3286	10441864	<i>Mllt4</i>	-0.2	0.9	9.9	4.63E-02	44.32%
3287	10538148		0.2	1.2	3.4	4.63E-02	44.32%
3288	10366909	<i>R3hdm2</i>	-0.2	0.9	9.1	4.63E-02	44.32%
3289	10342403		-0.5	0.7	5.1	4.63E-02	44.32%
3290	10514049	<i>Nfib</i>	-0.3	0.8	8.4	4.64E-02	44.36%
3291	10339839		0.4	1.3	5.3	4.64E-02	44.36%
3292	10360328	<i>Apcs</i>	0.5	1.4	4.7	4.64E-02	44.36%
3293	10563780	<i>E2f8</i>	-0.2	0.9	8.4	4.64E-02	44.36%
3294	10380534	<i>Spop</i>	-0.2	0.9	9.5	4.65E-02	44.36%
3295	10343815		0.3	1.2	6.7	4.65E-02	44.38%
3296	10352133	<i>Efcab2</i>	-0.3	0.8	5.7	4.65E-02	44.38%
3297	10463404	<i>Fam178a</i>	-0.3	0.8	8.1	4.65E-02	44.40%
3298	10468307		0.2	1.1	5.9	4.66E-02	44.40%
3299	10353878	<i>Ankrd23</i>	-0.1	0.9	7.0	4.66E-02	44.40%
3300	10338567		0.2	1.2	10.3	4.66E-02	44.40%
3301	10428020	<i>6-Mar</i>	-0.2	0.9	11.2	4.67E-02	44.44%
3302	10493317	<i>Gon4l</i>	-0.1	0.9	8.2	4.67E-02	44.44%
3303	10571474	<i>Pcm1</i>	-0.2	0.9	9.3	4.67E-02	44.44%
3304	10585347	<i>4930550C14Rik</i>	-0.2	0.9	4.8	4.67E-02	44.44%
3305	10590365	<i>Vipr1</i>	-0.3	0.8	10.0	4.67E-02	44.45%
3306	10447695		0.2	1.1	5.5	4.68E-02	44.52%
3307	10411491	<i>Tnpo1</i>	-0.2	0.9	9.9	4.68E-02	44.52%
3308	10431030	<i>Mcat</i>	0.1	1.1	7.5	4.68E-02	44.54%
3309	10450189	<i>Btnl5</i>	-0.2	0.8	11.7	4.69E-02	44.54%
3310	10544089	<i>Zc3hav1</i>	-0.2	0.9	8.8	4.69E-02	44.54%
3311	10339151		0.5	1.5	7.2	4.69E-02	44.54%
3312	10428376	<i>Angpt1</i>	0.2	1.1	4.3	4.69E-02	44.54%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
3313	10573483	<i>Prdx2</i>	0.2	1.1	8.1	4.69E-02	44.57%
3314	10369531	<i>Tspan15</i>	-0.1	0.9	9.9	4.70E-02	44.57%
3315	10595148	<i>Gsta2</i>	-0.9	0.5	10.7	4.70E-02	44.57%
3316	10537707	<i>Tas2r139</i>	0.1	1.1	4.5	4.70E-02	44.57%
3317	10514520	<i>Cyp2j9</i>	-0.6	0.7	6.9	4.70E-02	44.57%
3318	10444841	<i>H2-Q10</i>	0.2	1.1	6.2	4.70E-02	44.57%
3319	10372177	<i>Tmtc2</i>	-0.3	0.8	7.9	4.70E-02	44.57%
3320	10343716		-0.5	0.7	5.3	4.70E-02	44.57%
3321	10436608	<i>Cxadr</i>	-0.3	0.8	9.8	4.71E-02	44.57%
3322	10432661	<i>Galnt6</i>	-0.2	0.9	9.7	4.71E-02	44.57%
3323	10503370	<i>Hnrnpa3</i>	-0.3	0.8	11.2	4.71E-02	44.57%
3324	10338260		-0.6	0.7	6.6	4.71E-02	44.57%
3325	10589192	<i>Tmem89</i>	-0.4	0.7	8.2	4.71E-02	44.57%
3326	10423363	<i>Ank</i>	-0.4	0.7	9.1	4.71E-02	44.57%
3327	10587988	<i>Gk5</i>	-0.5	0.7	8.1	4.71E-02	44.57%
3328	10412911		0.2	1.1	11.4	4.72E-02	44.57%
3329	10341677		0.6	1.5	6.2	4.72E-02	44.57%
3330	10534945	<i>Cyp3a13</i>	-0.4	0.7	11.6	4.72E-02	44.57%
3331	10545252		0.4	1.3	7.3	4.72E-02	44.58%
3332	10459405	<i>Nars</i>	0.2	1.1	11.6	4.73E-02	44.60%
3333	10484569	<i>Olfr1045</i>	0.4	1.3	4.4	4.73E-02	44.60%
3334	10432767	<i>Gm5478</i>	0.2	1.2	6.2	4.73E-02	44.60%
3335	10581650	<i>Chst4</i>	0.5	1.5	8.5	4.73E-02	44.60%
3336	10507653		0.2	1.2	7.1	4.73E-02	44.60%
3337	10341151		-0.4	0.7	5.4	4.73E-02	44.60%
3338	10533090	<i>Rfc5</i>	0.2	1.1	10.0	4.73E-02	44.60%
3339	10340722		-0.5	0.7	5.6	4.74E-02	44.60%
3340	10350516	<i>Ptgs2</i>	0.6	1.5	8.0	4.74E-02	44.60%
3341	10388684	<i>Taok1</i>	-0.2	0.9	9.6	4.74E-02	44.60%
3342	10552311		0.3	1.2	8.8	4.74E-02	44.60%
3343	10565341		0.2	1.2	10.0	4.74E-02	44.60%
3344	10513381	<i>Rod1</i>	-0.1	0.9	12.3	4.74E-02	44.60%
3345	10550326	<i>Ap2s1</i>	0.1	1.1	9.8	4.74E-02	44.60%
3346	10529218	<i>Supt7l</i>	0.2	1.1	8.1	4.75E-02	44.62%
3347	10359561	<i>Fmo4</i>	-0.4	0.8	10.0	4.75E-02	44.62%
3348	10368490	<i>Rnf146</i>	-0.2	0.9	8.4	4.75E-02	44.62%
3349	10338941		-0.6	0.6	3.6	4.75E-02	44.62%
3350	10545862	<i>Cml3</i>	-0.8	0.6	7.3	4.75E-02	44.65%
3351	10340138		0.3	1.2	5.2	4.76E-02	44.71%
3352	10414485	<i>Olfr743</i>	0.2	1.1	3.7	4.77E-02	44.73%
3353	10351045		0.5	1.4	5.0	4.77E-02	44.73%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
3354	10412661		0.2	1.2	4.8	4.77E-02	44.73%
3355	10572097	<i>Sh2d4a</i>	-0.2	0.9	8.7	4.77E-02	44.73%
3356	10342294		0.2	1.2	13.0	4.77E-02	44.73%
3357	10338423		-0.3	0.8	7.8	4.78E-02	44.75%
3358	10479297	<i>Lsm14b</i>	-0.1	0.9	8.3	4.78E-02	44.75%
3359	10593167		0.5	1.4	9.4	4.78E-02	44.80%
3360	10475362	<i>Wdr76</i>	-0.2	0.9	8.0	4.79E-02	44.82%
3361	10402554	<i>Bcl11b</i>	-0.2	0.9	8.1	4.79E-02	44.83%
3362	10394674	<i>Socs2</i>	0.3	1.2	11.3	4.79E-02	44.83%
3363	10346943	<i>Creb1</i>	-0.2	0.9	9.7	4.79E-02	44.84%
3364	10405163	<i>Spin1</i>	-0.1	0.9	9.9	4.80E-02	44.84%
3365	10585905	<i>Parp6</i>	-0.2	0.9	8.0	4.80E-02	44.84%
3366	10343703		-0.6	0.7	5.0	4.80E-02	44.84%
3367	10533504	<i>Ift81</i>	-0.2	0.9	6.2	4.80E-02	44.84%
3368	10342945		0.2	1.1	11.5	4.80E-02	44.86%
3369	10341919		-0.4	0.8	7.3	4.81E-02	44.87%
3370	10416655	<i>Gm5465</i>	-0.2	0.9	6.6	4.81E-02	44.88%
3371	10596231	<i>Dnajc13</i>	-0.1	0.9	10.2	4.81E-02	44.88%
3372	10595840	<i>Acpl2</i>	-0.2	0.9	7.5	4.81E-02	44.88%
3373	10349644	<i>Aypr1b</i>	-0.2	0.9	5.9	4.82E-02	44.90%
3374	10533323	<i>Adam1a</i>	-0.2	0.8	7.1	4.82E-02	44.90%
3375	10340477		-0.2	0.8	8.0	4.82E-02	44.92%
3376	10490287		0.2	1.1	11.3	4.82E-02	44.92%
3377	10462281	<i>Vldlr</i>	-0.2	0.9	7.0	4.82E-02	44.92%
3378	10502469	<i>Pdlim5</i>	-0.2	0.9	10.2	4.82E-02	44.92%
3379	10401238	<i>Zfp3611</i>	-0.2	0.9	8.8	4.83E-02	44.94%
3380	10338815		0.2	1.2	10.1	4.83E-02	44.95%
3381	10470665	<i>Setx</i>	-0.3	0.8	8.9	4.83E-02	44.98%
3382	10593988	<i>Clk3</i>	-0.1	0.9	9.7	4.84E-02	44.98%
3383	10478291	<i>Srsf6</i>	0.2	1.1	10.2	4.84E-02	44.99%
3384	10367475		0.5	1.5	8.7	4.84E-02	45.00%
3385	10339939		-0.2	0.9	11.1	4.84E-02	45.01%
3386	10583806		0.2	1.1	10.0	4.85E-02	45.01%
3387	10338339		0.2	1.2	10.7	4.85E-02	45.01%
3388	10562416	<i>Cebpg</i>	-0.2	0.9	9.5	4.85E-02	45.01%
3389	10391863	<i>4933400C05Rik</i>	0.2	1.1	5.1	4.85E-02	45.01%
3390	10450605	<i>Tubb5</i>	0.2	1.1	11.3	4.85E-02	45.01%
3391	10409881	<i>Tpbpa</i>	0.5	1.4	4.5	4.86E-02	45.01%
3392	10532463	<i>Pus1</i>	0.2	1.1	8.0	4.86E-02	45.01%
3393	10339017		0.5	1.5	6.2	4.86E-02	45.01%
3394	10385500	<i>Irgm1</i>	0.5	1.4	9.9	4.86E-02	45.01%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P- Value	FDR
3395	10404700	<i>Ubxn2a</i>	-0.3	0.8	11.6	4.86E-02	45.01%
3396	10408335	<i>Aldh5a1</i>	-0.2	0.9	7.5	4.86E-02	45.01%
3397	10343020		0.6	1.5	4.4	4.86E-02	45.04%
3398	10338810		-0.5	0.7	8.9	4.87E-02	45.07%
3399	10519516	<i>Slc25a40</i>	-0.2	0.9	7.6	4.88E-02	45.10%
3400	10472162	<i>Gpd2</i>	-0.3	0.8	10.8	4.88E-02	45.10%
3401	10583834	<i>Anln</i>	0.2	1.1	5.9	4.88E-02	45.10%
3402	10515704	<i>Szt2</i>	-0.1	0.9	7.0	4.88E-02	45.10%
3403	10428755	<i>Zhx1</i>	-0.2	0.9	9.4	4.88E-02	45.11%
3404	10381539	<i>G6pc3</i>	0.2	1.1	9.3	4.88E-02	45.11%
3405	10489349	<i>Gtsf1l</i>	0.3	1.2	5.4	4.88E-02	45.11%
3406	10348321	<i>Dgkd</i>	-0.2	0.9	9.3	4.88E-02	45.11%
3407	10413695	<i>Pbrm1</i>	-0.1	0.9	10.2	4.89E-02	45.12%
3408	10379340	<i>Mir193</i>	0.3	1.2	5.7	4.89E-02	45.13%
3409	10404264	<i>Prl</i>	0.2	1.1	4.5	4.90E-02	45.13%
3410	10467139	<i>Lipa</i>	-0.5	0.7	9.8	4.90E-02	45.13%
3411	10373340	<i>Rbms2</i>	-0.2	0.9	8.8	4.90E-02	45.13%
3412	10505978		-0.1	0.9	5.4	4.90E-02	45.13%
3413	10458534	<i>Pcdh1</i>	-0.2	0.9	8.1	4.90E-02	45.13%
3414	10605633	<i>Pet2</i>	0.2	1.2	4.8	4.90E-02	45.14%
3415	10343160		0.5	1.4	4.7	4.90E-02	45.14%
3416	10449920	<i>Zfp811</i>	-0.3	0.8	4.3	4.91E-02	45.17%
3417	10416956	<i>Mir19b-1</i>	0.3	1.2	4.4	4.91E-02	45.17%
3418	10592391	<i>Olfir937</i>	-0.2	0.9	4.0	4.91E-02	45.17%
3419	10581813	<i>Mkl</i>	0.4	1.3	8.5	4.91E-02	45.17%
3420	10539177	<i>Eif4a3</i>	0.2	1.1	9.6	4.91E-02	45.17%
3421	10338466		-0.2	0.9	10.2	4.92E-02	45.17%
3422	10489364	<i>3230401D17Rik</i>	-0.2	0.9	9.1	4.92E-02	45.17%
3423	10341504		-0.4	0.8	6.5	4.92E-02	45.17%
3424	10354576	<i>Dnahc7b</i>	0.3	1.2	5.7	4.92E-02	45.17%
3425	10339907		-0.4	0.8	7.7	4.92E-02	45.17%
3426	10518473	<i>Fbxo6</i>	0.3	1.2	8.4	4.92E-02	45.17%
3427	10402336	<i>Ddx24</i>	0.1	1.1	8.8	4.92E-02	45.17%
3428	10373628	<i>Olfir798</i>	-0.3	0.8	3.3	4.92E-02	45.17%
3429	10473312	<i>Fam171b</i>	-0.3	0.8	6.7	4.93E-02	45.18%
3430	10532040	<i>Zfp644</i>	-0.2	0.9	8.7	4.93E-02	45.18%
3431	10338074		-0.3	0.8	8.9	4.93E-02	45.18%
3432	10481531	<i>BC005624</i>	-0.2	0.9	8.7	4.93E-02	45.18%
3433	10602020	<i>Tbc1d8b</i>	-0.3	0.8	8.5	4.93E-02	45.19%
3434	10343652		0.4	1.3	7.8	4.94E-02	45.21%
3435	10592856	<i>Ccdc84</i>	-0.2	0.9	8.2	4.94E-02	45.21%

Rank	Affymetrix Probe ID	Gene Symbol	Log ₂ Fold Change	Fold Change	Log ₂ Avg FI	Unadjusted P-Value	FDR
3436	10500021	<i>Cgn</i>	-0.2	0.9	9.5	4.94E-02	45.21%
3437	10414723		0.2	1.2	4.4	4.94E-02	45.22%
3438	10414923		0.2	1.2	4.4	4.94E-02	45.22%
3439	10340837		-0.3	0.8	7.7	4.94E-02	45.23%
3440	10530259	<i>9130230L23Rik</i>	-0.3	0.8	8.4	4.95E-02	45.26%
3441	10428973	<i>Gsdmc4</i>	-0.7	0.6	8.4	4.95E-02	45.26%
3442	10349569		-0.3	0.8	7.4	4.96E-02	45.28%
3443	10416837	<i>Irg1</i>	-0.2	0.9	6.4	4.96E-02	45.28%
3444	10578493	<i>Tlr3</i>	-0.2	0.9	9.0	4.96E-02	45.28%
3445	10469255	<i>Prkcq</i>	-0.4	0.8	7.4	4.96E-02	45.32%
3446	10458355	<i>Apbb3</i>	-0.2	0.9	7.4	4.97E-02	45.35%
3447	10344382		-0.3	0.8	7.1	4.97E-02	45.35%
3448	10339206		-0.3	0.8	6.0	4.97E-02	45.37%
3449	10381445	<i>Tmem106a</i>	-0.2	0.9	10.0	4.98E-02	45.37%
3450	10344741	<i>Hnrnpa3</i>	-0.3	0.8	11.1	4.98E-02	45.37%
3451	10515113	<i>Hnrnpa3</i>	-0.3	0.8	11.1	4.98E-02	45.37%
3452	10339478		-0.5	0.7	6.9	4.98E-02	45.37%
3453	10514421	<i>Lrrc19</i>	-0.2	0.9	10.2	4.99E-02	45.41%
3454	10342123		-0.4	0.7	7.6	4.99E-02	45.41%
3455	10474448		-0.2	0.9	3.1	4.99E-02	45.42%
3456	10513412	<i>Mup4</i>	0.5	1.4	4.8	4.99E-02	45.42%

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.