

Supplemental Table S2. Significant ($adjp < 0.05$) ethanol-induced gene expression changes within each strain. NS = not significant.

Accession	Gene Symbol	Strain	Adjp-value Male	Fold Change Male	Adjp-value Female	Fold Change Female
NM_021446	<i>0610007P14Rik</i>	B6	NS	NS	2.13E-03	-1.4
NM_001081095	<i>1700009N14Rik</i>	B6	3.37E-02	1.5	NS	NS
NM_198630	<i>1810024B03Rik</i>	B6	NS	NS	1.99E-02	1.7
NM_001167925	<i>A730017C20Rik</i>	B6	2.44E-02	1.2	NS	NS
NR_015488	<i>A930003A15Rik</i>	B6	3.85E-06	2.9	NS	NS
NR_033609	<i>A930017M01Rik</i>	B6	2.68E-02	1.6	NS	NS
NM_030210	<i>Aacs</i>	B6	NS	NS	7.86E-03	-1.6
NM_013851	<i>Abca8b</i>	B6	5.88E-03	2.1	2.53E-02	1.8
NM_178162	<i>Agfg2</i>	B6	6.51E-03	-1.9	3.85E-04	-2.1
NM_001172146	<i>Aimp2</i>	B6	NS	NS	4.35E-02	-1.6
NM_001035532	<i>Akap2</i>	B6	NS	NS	2.51E-02	1.5
NM_017476	<i>Akap8l</i>	B6	2.26E-02	1.4	NS	NS
NM_009658	<i>Akr1b3</i>	B6	NS	NS	2.49E-02	-1.4
NM_011786	<i>Aloxe3</i>	B6	4.19E-02	2.1	NS	NS
NM_020581	<i>Angptl4</i>	B6	NS	NS	6.29E-04	2.3
NM_001024851	<i>Ankrd34a</i>	B6	NS	NS	1.26E-02	-1.9
NM_001109914	<i>Apold1</i>	B6	NS	NS	3.67E-02	1.8
NM_001172205	<i>Arid5a</i>	B6	1.60E-02	2.0	3.23E-03	2.1
NM_023598	<i>Arid5b</i>	B6	2.80E-04	1.8	6.10E-05	1.8
NM_207231	<i>Arl5c</i>	B6	4.09E-02	1.9	NS	NS
NM_001042591	<i>Arrdc3</i>	B6	1.64E-08	3.0	9.51E-08	2.8
NM_001042592	<i>Arrdc4</i>	B6	4.40E-04	2.0	8.56E-04	1.9
NM_026855	<i>Arv1</i>	B6	NS	NS	2.67E-02	-1.7
NM_026217	<i>Atg12</i>	B6	8.41E-03	1.4	NS	NS
NM_001199304	<i>Atxn1</i>	B6	5.49E-03	1.5	NS	NS
NM_001080930	<i>Atxn1l</i>	B6	NS	NS	2.63E-02	1.5
NM_016847	<i>Avpr1a</i>	B6	3.58E-02	-1.7	NS	NS
NM_020025	<i>B3galt2</i>	B6	1.40E-02	1.6	3.49E-02	1.5
NM_001159407	<i>B3gnt5</i>	B6	NS	NS	4.03E-02	1.6
NM_019835	<i>B4galt5</i>	B6	NS	NS	3.59E-02	-1.4
NM_001001182	<i>Baz2b</i>	B6	4.01E-02	1.4	4.63E-02	1.4
NM_175325	<i>Bbs4</i>	B6	1.00E-05	1.6	5.88E-03	1.4
NM_001001332	<i>BC117090</i>	B6	NS	NS	4.63E-02	-1.9

NM_001284410	<i>Bcl2l11</i>	B6	6.55E-05	2.5	2.57E-04	2.3
NM_001122683	<i>Bdh1</i>	B6	4.83E-02	-1.3	NS	NS
NM_172506	<i>Boc</i>	B6	NS	NS	2.67E-02	-1.6
NM_133889	<i>Bsdc1</i>	B6	1.04E-03	1.5	6.71E-05	1.5
NM_007570	<i>Btg2</i>	B6	7.06E-05	2.1	1.50E-03	1.9
NM_009770	<i>Btg3</i>	B6	7.06E-03	1.8	NS	NS
ENSMUST0000						-1.6
0180393	<i>C130032M10Rik</i>	B6	NS	NS	1.27E-02	
NM_026192	<i>Calcoco1</i>	B6	NS	NS	1.01E-02	1.5
NM_144817	<i>Camk1g</i>	B6	3.13E-03	-1.5	2.07E-05	-1.8
NM_025451	<i>Camk2n1</i>	B6	1.05E-02	1.5	NS	NS
NM_007625	<i>Cbx4</i>	B6	NS	NS	8.01E-03	-1.5
NM_144820	<i>Ccdc28a</i>	B6	4.60E-04	2.3	1.01E-02	1.9
NM_007631	<i>Ccnd1</i>	B6	8.73E-03	-1.6	4.40E-04	-1.7
NM_009831	<i>Ccng1</i>	B6	4.83E-02	1.3	NS	NS
NM_001111060	<i>Cd59a</i>	B6	NS	NS	3.12E-02	2.0
NM_001081345	<i>Chd2</i>	B6	2.49E-02	1.5	1.50E-03	1.6
NM_139134	<i>Chodl</i>	B6	NS	NS	4.83E-02	-1.9
NM_001289429	<i>Cipc</i>	B6	NS	NS	1.30E-03	-1.5
NM_025854	<i>Cir1</i>	B6	9.68E-03	1.5	NS	NS
NM_001243762	<i>Clcn5</i>	B6	4.35E-02	1.6	1.93E-02	1.6
NM_009904	<i>Clgn</i>	B6	NS	NS	4.98E-02	1.5
NM_026977	<i>Cnppd1</i>	B6	1.78E-02	1.5	NS	NS
NM_008779	<i>Cntn3</i>	B6	1.89E-02	1.6	NS	NS
NM_001039710	<i>Coq10b</i>	B6	NS	NS	4.97E-02	-1.5
NM_001252525	<i>Cpeb1</i>	B6	1.31E-02	2.0	NS	NS
NM_001177379	<i>Cpeb2</i>	B6	NS	NS	1.99E-02	1.5
NM_172728	<i>Creb5</i>	B6	NS	NS	1.88E-03	2.1
NM_001110850	<i>Crem</i>	B6	1.73E-02	1.7	1.62E-02	1.7
NM_007762	<i>Crhr1</i>	B6	NS	NS	1.45E-03	-2.0
NM_001113330	<i>Crx</i>	B6	1.17E-02	2.4	NS	NS
NM_001082573	<i>Crygc</i>	B6	NS	NS	4.98E-02	1.4
NM_001085448	<i>Ctnnd1</i>	B6	NS	NS	1.98E-02	1.4
NM_153775	<i>Ctu2</i>	B6	NS	NS	1.73E-02	-1.7
NM_007808	<i>Cycs</i>	B6	NS	NS	2.45E-02	-1.2
NM_009994	<i>Cyp1b1</i>	B6	NS	NS	1.73E-02	2.2
NM_028979	<i>Cyp2j9</i>	B6	6.88E-04	2.1	NS	NS
NM_020010	<i>Cyp51</i>	B6	2.13E-03	-1.5	6.52E-03	-1.4

NM_010516	<i>Cyr61</i>	B6	NS	NS	2.67E-02	1.7
NM_001165980	<i>Dcaf17</i>	B6	4.63E-02	1.4	NS	NS
NM_019553	<i>Ddx21</i>	B6	NS	NS	3.51E-03	-1.6
NM_001252457	<i>Ddx39b</i>	B6	1.31E-02	-1.4	NS	NS
NM_001282055	<i>Ddx46</i>	B6	NS	NS	4.11E-02	-1.5
NM_010030	<i>Defb2</i>	B6	NS	NS	3.59E-02	2.1
NM_053272	<i>Dhcr24</i>	B6	9.19E-07	-1.6	6.67E-08	-1.7
NR_002854	<i>Dlx1as</i>	B6	NS	NS	2.24E-03	-2.2
NM_025926	<i>Dnajb4</i>	B6	NS	NS	2.72E-03	1.5
NM_001163026	<i>Dnajc13</i>	B6	NS	NS	4.11E-02	-1.4
NM_007882	<i>Dsc3</i>	B6	3.66E-02	3.7	NS	NS
NM_001285807	<i>Dtna</i>	B6	4.65E-02	1.3	9.46E-03	1.3
NM_013642	<i>Dusp1</i>	B6	8.59E-08	2.4	4.94E-10	2.8
NM_001048054	<i>Dusp16</i>	B6	8.38E-04	2.0	1.13E-04	2.2
NM_176933	<i>Dusp4</i>	B6	NS	NS	2.51E-02	-1.7
NM_001085390	<i>Dusp5</i>	B6	NS	NS	2.25E-02	-1.7
NM_026268	<i>Dusp6</i>	B6	1.54E-02	-1.6	NS	NS
NM_008748	<i>Dusp8</i>	B6	4.31E-08	1.7	7.08E-04	1.4
NM_026932	<i>Ebna1bp2</i>	B6	NS	NS	4.56E-02	-1.4
NM_001110331	<i>Eci2</i>	B6	NS	NS	2.41E-02	1.4
NM_010104	<i>Edn1</i>	B6	NS	NS	1.56E-03	2.9
NM_001289925	<i>Egr3</i>	B6	6.55E-05	-2.3	2.33E-06	-2.6
NM_001289927	<i>Egr3</i>	B6	NS	NS	2.64E-02	-1.8
NM_018781	<i>Egr3</i>	B6	NS	NS	4.36E-02	-1.7
NM_010121	<i>Eif2ak3</i>	B6	NS	NS	2.67E-02	1.5
NM_001253692	<i>Elmod3</i>	B6	3.90E-02	1.5	4.18E-02	1.4
NM_175313	<i>Eogt</i>	B6	NS	NS	9.80E-03	1.6
NM_023612	<i>Esm1</i>	B6	NS	NS	1.01E-02	2.0
NM_008815	<i>Etv4</i>	B6	2.69E-03	-1.7	5.02E-05	-1.9
NM_023794	<i>Etv5</i>	B6	4.50E-04	-1.9	2.66E-04	-1.9
NM_007970	<i>Ezh1</i>	B6	4.01E-02	1.4	NS	NS
NM_010171	<i>F3</i>	B6	NS	NS	1.15E-02	1.6
NM_001163567	<i>Fam102b</i>	B6	1.88E-02	1.3	NS	NS
NM_183187	<i>Fam107a</i>	B6	7.06E-03	2.3	1.25E-05	3.3
NM_025582	<i>Fam213b</i>	B6	NS	NS	3.22E-02	-1.6
NM_178908	<i>Fam26e</i>	B6	3.72E-04	2.0	5.13E-05	2.1
NM_175104	<i>Fam53c</i>	B6	1.14E-02	1.8	NS	NS
NM_178797	<i>Far2</i>	B6	NS	NS	3.12E-02	-1.4

NM_028149	<i>Fbxl20</i>	B6	3.55E-02	1.4	NS	NS
NM_010191	<i>Fdft1</i>	B6	4.50E-04	-1.4	1.20E-05	-1.5
NM_008003	<i>Fgf15</i>	B6	4.25E-02	-1.8	NS	NS
NM_001164259	<i>Fgfr1</i>	B6	4.14E-02	-1.5	NS	NS
NM_022009	<i>Flii</i>	B6	NS	NS	2.55E-02	-1.5
NM_001081416	<i>Fndc1</i>	B6	1.97E-02	1.5	NS	NS
NM_001159706	<i>Folh1</i>	B6	8.41E-03	2.1	6.92E-04	2.4
NM_001163282	<i>Gdf1</i>	B6	NS	NS	2.97E-02	-2.0
NM_029102	<i>Glt8d2</i>	B6	1.80E-03	2.4	NS	NS
ENSMUST0000						2.5
0092165	<i>Gm10271</i>	B6	NS	NS	3.41E-02	
uc029usq.1	<i>Gm13308</i>	B6	1.99E-02	1.5	NS	NS
ENSMUST0000						2.1
0112772	<i>Gm3443</i>	B6	NS	NS	4.11E-02	
NM_027518	<i>Gpr137c</i>	B6	9.01E-09	2.3	5.27E-07	2.0
NM_001167694	<i>Gpr19</i>	B6	NS	NS	5.88E-03	1.6
NM_010338	<i>Gpr37</i>	B6	1.01E-02	1.7	4.05E-03	1.8
NM_175490	<i>Gpr75</i>	B6	4.77E-02	1.4	NS	NS
NM_145066	<i>Gpr85</i>	B6	1.05E-02	1.5	NS	NS
NM_001114333	<i>Grm1</i>	B6	1.99E-02	1.5	NS	NS
NM_198962	<i>Hctr2</i>	B6	NS	NS	4.50E-02	-1.6
NM_144835	<i>Heatr1</i>	B6	1.68E-02	-1.7	5.62E-04	-1.9
NM_175256	<i>Heg1</i>	B6	NS	NS	2.30E-03	1.8
NM_001162950	<i>Hif3a</i>	B6	NS	NS	4.18E-02	2.0
NM_025812	<i>Hmg20a</i>	B6	NS	NS	2.96E-02	1.4
NM_008252	<i>Hmgb2</i>	B6	NS	NS	3.70E-02	1.6
NM_008255	<i>Hmgcr</i>	B6	2.32E-02	-1.5	2.10E-03	-1.6
NM_008256	<i>Hmgcs2</i>	B6	NS	NS	3.23E-03	2.4
NM_016805	<i>Hnrnpu</i>	B6	4.09E-02	-1.3	NS	NS
NM_053262	<i>Hsd17b11</i>	B6	2.13E-03	1.6	4.71E-02	1.4
NM_010476	<i>Hsd17b7</i>	B6	3.55E-03	-1.6	2.69E-05	-1.8
NM_019564	<i>Htra1</i>	B6	4.40E-02	1.6	1.27E-02	1.7
NM_010495	<i>Id1</i>	B6	NS	NS	3.41E-02	1.7
NM_145360	<i>Idi1</i>	B6	2.41E-07	-2.1	2.32E-09	-2.3
NM_013562	<i>Ifrd1</i>	B6	4.06E-02	-1.6	5.88E-03	-1.7
NM_008384	<i>Inpp1</i>	B6	3.47E-02	1.7	NS	NS
NM_153526	<i>Insig1</i>	B6	7.79E-06	-2.2	9.29E-07	-2.3
NM_010591	<i>Jun</i>	B6	2.29E-15	3.7	1.01E-15	3.7
NM_001286944	<i>Jund</i>	B6	1.05E-05	1.9	1.30E-03	1.6

NM_001039347	<i>Kcnd3</i>	B6	NS	NS	4.03E-02	-1.5
NM_001081134	<i>Kcng1</i>	B6	NS	NS	1.73E-02	-1.7
NM_011317	<i>Khdrbs1</i>	B6	1.37E-02	-1.5	NS	NS
NM_010636	<i>Klf12</i>	B6	NS	NS	4.37E-02	1.3
NM_078477	<i>Klf16</i>	B6	8.58E-03	-1.7	5.13E-05	-1.9
NM_001081403	<i>Klhl14</i>	B6	NS	NS	1.25E-02	-2.5
NM_029436	<i>Klhl24</i>	B6	1.40E-02	1.4	1.52E-02	1.4
NM_010655	<i>Kpna2</i>	B6	6.39E-04	-1.6	3.49E-02	-1.4
NM_172787	<i>L3mbtl3</i>	B6	4.17E-02	1.4	NS	NS
NM_001252658	<i>Ldlr</i>	B6	1.93E-04	-2.3	5.95E-07	-2.9
NM_001199043	<i>Lgals8</i>	B6	4.56E-02	1.4	NS	NS
NM_181074	<i>Lingo1</i>	B6	NS	NS	2.69E-02	-1.3
NM_001013758	<i>Lingo3</i>	B6	NS	NS	1.16E-02	-1.6
NM_001146048	<i>Lrrc1</i>	B6	NS	NS	4.23E-02	1.7
NM_181470	<i>Ltv1</i>	B6	NS	NS	2.67E-02	-1.7
NM_001252055	<i>Ly6c1</i>	B6	4.09E-02	2.0	NS	NS
NM_053201	<i>Magee1</i>	B6	NS	NS	3.59E-02	-1.4
NM_011948	<i>Map3k4</i>	B6	NS	NS	4.83E-02	1.5
NM_001045483	<i>Mapk1ip1</i>	B6	1.95E-02	1.4	NS	NS
NM_011841	<i>Mapk7</i>	B6	NS	NS	5.74E-03	-1.5
NM_133350	<i>Mapre3</i>	B6	NS	NS	2.70E-02	-1.4
NM_175171	<i>Mast4</i>	B6	NS	NS	1.04E-03	1.5
NM_008563	<i>Mcm3</i>	B6	NS	NS	3.49E-02	-1.7
NM_026896	<i>Med27</i>	B6	NS	NS	1.90E-02	-1.4
NM_001001979	<i>Megf10</i>	B6	NS	NS	8.10E-04	1.8
NM_008587	<i>Mertk</i>	B6	1.31E-02	2.1	1.45E-02	2.0
NM_026197	<i>Mettl16</i>	B6	NS	NS	2.66E-02	-1.6
NM_173870	<i>Mgat4a</i>	B6	NS	NS	2.80E-03	1.7
NM_023799	<i>Mgea5</i>	B6	1.47E-02	1.3	2.03E-02	1.3
NM_001166635	<i>Mid1ip1</i>	B6	NS	NS	4.04E-02	-1.4
NM_021565	<i>Midn</i>	B6	3.66E-02	-1.4	4.37E-02	-1.4
NM_053164	<i>Mrpl43</i>	B6	NS	NS	3.03E-02	-1.5
NM_025436	<i>Msmo1</i>	B6	1.29E-05	-2.2	2.33E-06	-2.3
NM_013602	<i>Mt1</i>	B6	NS	NS	2.98E-03	1.6
NM_008630	<i>Mt2</i>	B6	1.09E-02	1.9	3.05E-05	2.5
NM_001128601	<i>Mthfsl</i>	B6	1.41E-02	1.5	NS	NS
NM_138656	<i>Mvd</i>	B6	1.93E-02	-1.7	6.45E-05	-2.1
NM_001008542	<i>Mxi1</i>	B6	2.78E-08	1.9	6.67E-08	1.9

NM_001171615	<i>Myt1</i>	B6	NS	NS	4.43E-02	1.5
NM_172722	<i>Naa25</i>	B6	NS	NS	1.01E-02	-1.6
NM_026742	<i>Ndufaf4</i>	B6	NS	NS	1.16E-03	-1.5
NM_001111324	<i>Nedd9</i>	B6	3.06E-02	1.5	NS	NS
NM_028995	<i>Nipal3</i>	B6	4.45E-02	1.6	6.69E-03	1.7
NM_028024	<i>Nkiras2</i>	B6	3.53E-02	1.4	NS	NS
NM_021303	<i>Noc2l</i>	B6	NS	NS	4.97E-03	-1.5
NM_009834	<i>Noct</i>	B6	2.62E-02	-1.5	NS	NS
NM_001008421	<i>Nol10</i>	B6	NS	NS	1.90E-02	-1.6
NM_138747	<i>Nop2</i>	B6	3.08E-02	-1.4	2.03E-03	-1.5
NM_024193	<i>Nop56</i>	B6	9.68E-03	-1.6	4.18E-02	-1.5
NM_018868	<i>Nop58</i>	B6	NS	NS	2.03E-02	-1.4
NM_001163684	<i>Nosip</i>	B6	4.32E-02	1.5	NS	NS
NM_010342	<i>Npbwr1</i>	B6	7.58E-04	1.9	2.59E-03	1.8
NM_016789	<i>Nptx2</i>	B6	NS	NS	1.98E-02	-1.8
NM_010941	<i>Nsdhl</i>	B6	NS	NS	1.73E-02	-1.4
NM_016968	<i>Olig1</i>	B6	1.93E-02	-1.5	3.12E-02	-1.4
NM_152818	<i>Osbp2</i>	B6	NS	NS	2.64E-02	1.4
NM_001134791	<i>Osbpl9</i>	B6	1.05E-02	1.3	1.32E-04	1.5
NM_001285839	<i>Osgepl1</i>	B6	2.88E-02	1.6	NS	NS
NM_146169	<i>Paip2b</i>	B6	NS	NS	3.32E-02	1.5
NM_146129	<i>Pcif1</i>	B6	NS	NS	4.48E-02	-1.5
NM_183028	<i>Pcmtd1</i>	B6	NS	NS	2.76E-02	1.3
NM_153594	<i>Pcmtd2</i>	B6	1.18E-02	1.7	1.29E-02	1.7
NM_001177980	<i>Pde4b</i>	B6	1.05E-02	1.4	NS	NS
NM_008808	<i>Pdgfa</i>	B6	NS	NS	1.42E-02	-1.5
NM_001159367	<i>Per1</i>	B6	2.32E-02	1.6	NS	NS
NM_030064	<i>Phf23</i>	B6	NS	NS	3.64E-02	-1.5
NM_178149	<i>Pik3ip1</i>	B6	1.07E-06	2.5	6.45E-05	2.2
NM_001024955	<i>Pik3r1</i>	B6	9.01E-09	1.8	7.75E-13	2.1
NM_145478	<i>Pim3</i>	B6	NS	NS	4.05E-03	-2.1
NM_152813	<i>Plcd3</i>	B6	1.10E-02	1.8	2.86E-04	2.0
NM_001033253	<i>Plekhg1</i>	B6	9.02E-05	2.0	1.39E-04	1.9
NM_013807	<i>Plk3</i>	B6	NS	NS	3.41E-04	-1.9
NM_133249	<i>Ppargc1b</i>	B6	NS	NS	4.63E-03	-1.8
NM_177782	<i>Prex1</i>	B6	NS	NS	4.56E-02	-1.4
NM_177698	<i>Psd3</i>	B6	9.35E-03	1.4	NS	NS
NM_029494	<i>Rab30</i>	B6	3.85E-06	1.9	1.14E-06	1.9

NM_001038621	<i>Rabgap11</i>	B6	6.45E-05	1.5	4.58E-03	1.4
NM_001099624	<i>Rapgef2</i>	B6	3.62E-05	1.6	1.52E-08	1.8
NM_001252494	<i>Rapgef6</i>	B6	9.01E-09	2.4	3.88E-07	2.2
NM_001176528	<i>Rara</i>	B6	NS	NS	9.80E-03	-1.6
NM_009025	<i>Rasa3</i>	B6	NS	NS	1.56E-03	-1.7
NM_028234	<i>Rbm33</i>	B6	6.23E-03	1.5	NS	NS
NM_016846	<i>Rgl1</i>	B6	2.20E-02	1.4	NS	NS
NM_153514	<i>Rhobtb2</i>	B6	NS	NS	4.84E-06	-2.0
NM_182929	<i>Rims3</i>	B6	NS	NS	4.15E-02	-1.6
NM_172612	<i>Rnd1</i>	B6	NS	NS	4.84E-04	-1.8
NM_001166553	<i>Rnf145</i>	B6	NS	NS	6.92E-04	-1.5
NM_194346	<i>Rnf31</i>	B6	NS	NS	2.19E-03	-1.8
NM_183263	<i>Rnmtl1</i>	B6	NS	NS	2.34E-02	-1.6
NM_001289921	<i>Rorb</i>	B6	2.64E-02	1.6	NS	NS
NM_001043354	<i>Rorb</i>	B6	4.56E-02	1.7	NS	NS
NM_001163461	<i>Rpap2</i>	B6	3.43E-02	1.5	NS	NS
NM_146244	<i>Rps6kl1</i>	B6	6.33E-07	2.4	7.97E-04	1.9
NM_001136227	<i>Rtnk</i>	B6	NS	NS	5.88E-03	1.7
NM_172769	<i>Sc5d</i>	B6	1.31E-02	-1.3	NS	NS
NM_011521	<i>Sdc4</i>	B6	1.71E-02	2.0	6.43E-04	2.3
NM_030261	<i>Sesn3</i>	B6	NS	NS	8.01E-03	1.4
NM_001286538	<i>Sigmar1</i>	B6	NS	NS	4.47E-04	-1.6
NM_027921	<i>Slc16a14</i>	B6	1.88E-02	1.5	9.64E-04	1.7
NM_001029842	<i>Slc16a6</i>	B6	NS	NS	4.09E-02	1.9
NM_080853	<i>Slc17a6</i>	B6	4.06E-02	1.6	NS	NS
NM_001159593	<i>Slc20a1</i>	B6	1.10E-02	-1.4	1.60E-04	-1.6
NM_011400	<i>Slc2a1</i>	B6	8.73E-03	1.8	7.88E-03	1.7
NM_172479	<i>Slc38a5</i>	B6	NS	NS	9.84E-03	-1.6
NM_001199283	<i>Slc43a2</i>	B6	1.80E-03	1.7	4.30E-02	1.5
NM_001081263	<i>Slc44a5</i>	B6	2.13E-03	1.6	2.07E-05	1.8
NM_029643	<i>Slc52a2</i>	B6	NS	NS	7.26E-03	-1.6
NM_001038643	<i>Slco3a1</i>	B6	2.46E-02	-1.4	3.38E-03	-1.5
NM_008539	<i>Smad1</i>	B6	3.08E-02	1.4	NS	NS
NM_133697	<i>Smim14</i>	B6	NS	NS	3.12E-02	1.3
NM_001177833	<i>Smox</i>	B6	2.98E-03	1.6	NS	NS
NM_009224	<i>Snrnp70</i>	B6	NS	NS	1.80E-02	-1.4
NM_182927	<i>Spred3</i>	B6	1.10E-02	-1.9	1.50E-03	-2.1
NM_011898	<i>Spry4</i>	B6	1.95E-02	-1.8	2.80E-03	-1.9

NM_009270	<i>Sqle</i>	B6	1.95E-02	-1.5	1.90E-03	-1.6
NM_009272	<i>Srm</i>	B6	1.70E-02	-1.4	4.78E-03	-1.5
NM_011358	<i>Srsf2</i>	B6	6.74E-03	-1.5	5.74E-03	-1.5
NM_001195485	<i>Srsf7</i>	B6	2.03E-02	-1.6	1.01E-02	-1.6
NM_011374	<i>St8sia1</i>	B6	NS	NS	5.75E-04	1.6
NM_133774	<i>Stard4</i>	B6	2.39E-02	-1.7	2.30E-03	-1.8
NM_019675	<i>Stmn4</i>	B6	NS	NS	3.38E-03	1.7
NM_153563	<i>Strip1</i>	B6	NS	NS	3.59E-02	-1.3
NM_153399	<i>Syne1</i>	B6	NS	NS	1.15E-03	1.7
NM_001040085	<i>Sytl2</i>	B6	6.82E-03	1.9	NS	NS
NM_013763	<i>Tbl2</i>	B6	2.46E-03	-1.6	NS	NS
NM_145396	<i>Tbl3</i>	B6	NS	NS	3.36E-02	-1.6
NM_009381	<i>Thrsp</i>	B6	NS	NS	1.73E-02	1.7
NM_174989	<i>Ticam1</i>	B6	NS	NS	1.52E-02	2.0
NM_026617	<i>Tmbim4</i>	B6	NS	NS	2.41E-02	1.3
NM_172476	<i>Tmc7</i>	B6	1.99E-02	1.5	NS	NS
NM_175564	<i>Tmem169</i>	B6	3.13E-02	1.6	NS	NS
NM_001160385	<i>Tmem196</i>	B6	3.63E-02	1.7	NS	NS
NM_029384	<i>Tmem238</i>	B6	NS	NS	2.42E-02	-1.6
NM_133706	<i>Tmem97</i>	B6	NS	NS	6.78E-04	-2.0
NM_001161746	<i>Tnfrsf12a</i>	B6	NS	NS	2.25E-02	1.8
NM_001048267	<i>Tnpa1</i>	B6	NS	NS	7.78E-03	1.4
NM_144812	<i>Tnrc6b</i>	B6	3.87E-02	1.5	NS	NS
NM_001109748	<i>Tomm40</i>	B6	6.67E-03	-1.4	2.64E-02	-1.4
NM_001039466	<i>Trim46</i>	B6	NS	NS	1.73E-02	-1.5
NM_001170912	<i>Trim66</i>	B6	1.95E-02	2.2	NS	NS
NM_001127233	<i>Trp53</i>	B6	NS	NS	4.23E-02	-1.4
NM_021884	<i>Tsg101</i>	B6	3.66E-02	-1.3	NS	NS
NM_001252588	<i>Tspan4</i>	B6	NS	NS	2.59E-02	-1.5
NM_001009935	<i>Txnip</i>	B6	8.05E-07	4.1	2.55E-10	6.0
NM_001015876	<i>Tyw1</i>	B6	4.56E-02	1.6	NS	NS
NM_001163769	<i>U2af1</i>	B6	2.64E-02	-1.5	NS	NS
NM_001169576	<i>Ube2h</i>	B6	8.73E-03	1.5	2.61E-05	1.7
NM_001145162	<i>Ube2ql1</i>	B6	NS	NS	4.18E-02	-1.3
NM_030724	<i>Uck2</i>	B6	3.66E-02	-1.3	4.63E-03	-1.4
ENSMUST0000						-1.7
0053686	<i>Uck2</i>	B6	NS	NS	9.19E-03	
NM_009484	<i>Uty</i>	B6	NS	NS	4.11E-02	-2.0

NM_001039385	<i>Vgf</i>	B6	NS	NS	1.01E-02	-2.0
NM_001110015	<i>Wdr36</i>	B6	NS	NS	7.89E-03	-1.5
NM_172372	<i>Wdr45</i>	B6	2.39E-02	1.7	NS	NS
NM_001005342	<i>Ypel4</i>	B6	1.57E-02	2.1	1.22E-04	2.6
NM_027166	<i>Ypel5</i>	B6	4.50E-04	1.5	3.43E-05	1.6
NM_028106	<i>Zbed3</i>	B6	1.68E-02	1.5	NS	NS
NM_001115130	<i>Zbtb44</i>	B6	1.18E-02	1.4	NS	NS
NM_178404	<i>Zc3h6</i>	B6	5.61E-04	1.7	NS	NS
NM_001110309	<i>Zfp426</i>	B6	6.74E-03	1.6	5.88E-03	1.5
NM_207255	<i>Zfp532</i>	B6	NS	NS	4.78E-02	1.4
NM_001267583	<i>Zfp811</i>	B6	NS	NS	5.12E-03	1.6
NM_001167944	<i>Zkscan5</i>	B6	NS	NS	3.59E-02	1.7
NM_001252584	<i>Zmynd8</i>	B6	NS	NS	1.01E-02	1.6
NM_001009818	<i>-44450</i>	D2	2.56E-02	-1.2	1.86E-02	-1.3
NM_001113486	<i>-44448</i>	D2	1.17E-04	-1.4	NS	NS
NM_001033262	<i>-44264</i>	D2	1.56E-05	-2.2	NS	NS
NM_001166372	<i>-44256</i>	D2	NS	NS	1.87E-02	1.4
NM_021446	<i>0610007P14Rik</i>	D2	3.53E-02	-1.3	NS	NS
NM_027056	<i>1700012P22Rik</i>	D2	2.50E-03	2.3	NS	NS
NM_144953	<i>1700019D03Rik</i>	D2	1.69E-02	1.6	NS	NS
NM_029693	<i>1700123K08Rik</i>	D2	NS	NS	4.03E-02	1.6
NM_001163145	<i>1810041L15Rik</i>	D2	1.02E-02	-1.5	NS	NS
NR_045177	<i>2900055J20Rik</i>	D2	1.07E-03	1.7	2.47E-03	1.7
NM_029113	<i>4930447A16Rik</i>	D2	2.79E-02	1.9	NS	NS
NM_029444	<i>4930447C04Rik</i>	D2	5.89E-03	2.3	NS	NS
NM_001166394	<i>4931428F04Rik</i>	D2	1.28E-02	-1.5	NS	NS
NM_173771	<i>4933406M09Rik</i>	D2	2.76E-02	1.7	NS	NS
NM_001167925	<i>A730017C20Rik</i>	D2	9.53E-04	1.3	1.53E-02	1.2
NR_015488	<i>A930003A15Rik</i>	D2	1.44E-03	2.1	7.41E-03	2.0
NR_033609	<i>A930017M01Rik</i>	D2	5.79E-03	1.7	NS	NS
NM_030210	<i>Aacs</i>	D2	2.26E-06	-1.9	6.06E-03	-1.6
NM_001128091	<i>Aadacl2</i>	D2	NS	NS	1.94E-02	1.8
NM_013851	<i>Abca8b</i>	D2	3.01E-03	2.0	8.50E-03	1.9
NM_015751	<i>Abce1</i>	D2	1.14E-02	-1.3	1.88E-02	-1.3
NM_134130	<i>Abhd3</i>	D2	3.10E-03	1.8	NS	NS
NM_133360	<i>Acaca</i>	D2	6.18E-03	-1.4	NS	NS
NM_178799	<i>Acad12</i>	D2	2.33E-02	1.7	NS	NS
NM_144784	<i>Acat1</i>	D2	2.33E-02	-1.2	NS	NS

NM_009338	<i>Acat2</i>	D2	7.00E-05	-1.7	1.98E-03	-1.6
NM_153151	<i>Acat3</i>	D2	3.74E-04	-1.6	1.67E-02	-1.4
NM_133225	<i>Acbd3</i>	D2	4.93E-02	-1.3	NS	NS
NM_001199296	<i>Acly</i>	D2	2.82E-05	-1.6	2.35E-02	-1.3
NM_025790	<i>Acot13</i>	D2	2.86E-02	1.3	NS	NS
NM_001146057	<i>Acot7</i>	D2	1.17E-02	-1.3	NS	NS
NM_001205385	<i>Actr3</i>	D2	3.26E-02	-1.2	NS	NS
NM_001270996	<i>Adam9</i>	D2	1.57E-03	1.4	NS	NS
NM_172845	<i>Adamts4</i>	D2	4.88E-02	1.5	NS	NS
NM_001100606	<i>Adat3</i>	D2	1.21E-02	-1.6	NS	NS
NM_001163290	<i>Adck3</i>	D2	NS	NS	1.26E-02	1.7
NM_009623	<i>Adcy8</i>	D2	4.48E-02	-1.6	NS	NS
NM_182928	<i>Adm2</i>	D2	3.55E-02	1.6	NS	NS
NM_019822	<i>Adrm1</i>	D2	2.62E-02	-1.4	NS	NS
NM_001162939	<i>Aen</i>	D2	NS	NS	3.03E-02	-1.6
NM_027373	<i>Afap1</i>	D2	4.79E-02	-1.3	NS	NS
NM_178162	<i>Agfg2</i>	D2	2.13E-03	-1.9	1.24E-03	-2.0
NM_026644	<i>Agpat4</i>	D2	3.36E-02	1.3	NS	NS
NM_007428	<i>Agt</i>	D2	3.99E-02	2.5	NS	NS
NM_146155	<i>Ahdc1</i>	D2	8.43E-03	-1.8	NS	NS
NM_001199330	<i>AI987944</i>	D2	6.92E-04	1.6	NS	NS
NM_001172146	<i>Aimp2</i>	D2	5.42E-04	-1.9	5.51E-03	-1.8
NM_001177602	<i>Ak4</i>	D2	1.90E-03	-1.7	NS	NS
NM_017476	<i>Akap8l</i>	D2	9.61E-04	1.5	NS	NS
NM_009658	<i>Akr1b3</i>	D2	7.37E-03	-1.4	1.58E-02	-1.4
NM_001165894	<i>Akt1</i>	D2	2.85E-03	-1.4	NS	NS
NM_001276446	<i>Alad</i>	D2	7.37E-03	-1.6	NS	NS
NM_009657	<i>Aldoc</i>	D2	4.49E-02	1.3	NS	NS
NM_133981	<i>Alg9</i>	D2	3.79E-02	-1.3	NS	NS
NM_025538	<i>Alkbh7</i>	D2	1.76E-04	-1.7	4.38E-03	-1.6
NM_001081395	<i>Amotl1</i>	D2	2.70E-02	1.7	NS	NS
NM_019764	<i>Amotl2</i>	D2	NS	NS	1.15E-02	1.8
NM_001276301	<i>Ampd3</i>	D2	7.58E-04	1.9	NS	NS
NM_028333	<i>Angptl1</i>	D2	1.33E-02	1.9	NS	NS
NM_020581	<i>Angptl4</i>	D2	4.10E-02	1.7	2.45E-04	2.4
NM_001024851	<i>Ankrd34a</i>	D2	1.39E-04	-2.3	2.62E-02	-1.8
NM_001128103	<i>Ano3</i>	D2	1.65E-03	2.2	NS	NS
NM_001164679	<i>Ano8</i>	D2	3.83E-02	-1.4	NS	NS

NM_009680	<i>Ap3b1</i>	D2	4.42E-03	1.3	NS	NS
NM_007460	<i>Ap3d1</i>	D2	1.08E-02	-1.3	NS	NS
NM_007461	<i>Apba2</i>	D2	6.18E-03	-1.6	NS	NS
NM_001109914	<i>Apold1</i>	D2	8.93E-03	1.8	NS	NS
NM_007481	<i>Arf6</i>	D2	6.80E-03	-1.3	1.20E-02	-1.3
NM_021493	<i>Arhgap23</i>	D2	3.05E-02	-1.5	NS	NS
NM_001289686	<i>Arhgef3</i>	D2	2.12E-03	1.5	NS	NS
NM_001172205	<i>Arid5a</i>	D2	6.09E-03	2.0	2.81E-03	2.1
NM_023598	<i>Arid5b</i>	D2	1.83E-03	1.6	7.23E-03	1.6
NM_001025102	<i>Arl14ep</i>	D2	5.85E-03	1.3	NS	NS
NM_0207231	<i>Arl5c</i>	D2	4.39E-02	1.7	NS	NS
NM_001042591	<i>Arrdc3</i>	D2	4.62E-10	3.2	3.11E-08	2.9
NM_001042592	<i>Arrdc4</i>	D2	7.05E-03	1.7	1.62E-03	1.9
NM_026855	<i>Arv1</i>	D2	NS	NS	3.07E-02	-1.6
NM_007492	<i>Arx</i>	D2	4.15E-04	-2.0	NS	NS
NM_133346	<i>Asb6</i>	D2	3.54E-02	-1.5	NS	NS
NM_001287180	<i>Atf4</i>	D2	6.89E-04	-1.6	5.51E-03	-1.5
NM_001081304	<i>Atf6</i>	D2	1.80E-03	1.5	NS	NS
NM_017406	<i>Atf6b</i>	D2	1.37E-02	-1.4	NS	NS
NM_025770	<i>Atg10</i>	D2	3.21E-02	1.5	NS	NS
NM_026217	<i>Atg12</i>	D2	7.69E-03	1.3	1.90E-02	1.3
NM_001145879	<i>Atp6ap1l</i>	D2	4.78E-02	2.0	NS	NS
NM_027855	<i>Atraid</i>	D2	6.11E-03	1.4	NS	NS
NM_001199304	<i>Atxn1</i>	D2	4.86E-03	1.4	NS	NS
NM_009125	<i>Atxn2</i>	D2	4.77E-02	-1.3	NS	NS
NM_016847	<i>Avpr1a</i>	D2	3.46E-07	-2.7	2.95E-05	-2.3
NM_194347	<i>AY358078</i>	D2	NS	NS	4.15E-02	-1.7
NM_001122993	<i>B3galt5</i>	D2	7.84E-03	1.6	1.88E-02	1.6
NM_029792	<i>B3gat1</i>	D2	7.60E-03	-1.5	NS	NS
NM_024256	<i>B3gat3</i>	D2	5.62E-03	-1.5	NS	NS
NM_001169114	<i>B3gnt2</i>	D2	1.54E-02	1.6	NS	NS
NM_001159407	<i>B3gnt5</i>	D2	2.13E-03	1.7	1.18E-02	1.6
ENSMUST0000						NS
0181156	<i>B430202K04Rik</i>	D2	4.42E-02	1.5	NS	
NM_001244617	<i>B4galnt1</i>	D2	1.01E-02	-1.5	NS	NS
NM_177897	<i>B4galnt4</i>	D2	1.11E-02	-1.5	NS	NS
NM_019835	<i>B4galt5</i>	D2	1.96E-04	-1.6	3.69E-02	-1.4
NM_001045523	<i>Bahd1</i>	D2	4.36E-02	-1.5	NS	NS

NM_001038231	<i>Banf1</i>	D2	2.31E-02	-1.4	NS	NS
NM_027395	<i>Basp1</i>	D2	3.88E-02	-1.4	NS	NS
NM_001001182	<i>Baz2b</i>	D2	7.73E-03	1.5	NS	NS
NM_175325	<i>Bbs4</i>	D2	1.92E-03	1.4	NS	NS
NM_027444	<i>Bbx</i>	D2	1.01E-02	1.7	NS	NS
NM_153161	<i>BC037034</i>	D2	NS	NS	3.43E-02	-1.4
NM_001164369	<i>Bcas1</i>	D2	2.01E-02	2.3	NS	NS
NM_007534	<i>Bcl2a1b</i>	D2	NS	NS	3.57E-02	1.8
NM_001289716	<i>Bcl2l1</i>	D2	2.15E-02	-1.4	NS	NS
NM_001284410	<i>Bcl2l11</i>	D2	1.86E-05	2.5	8.20E-05	2.4
NM_029933	<i>Bcl9</i>	D2	5.00E-03	-1.3	NS	NS
NM_001122683	<i>Bdh1</i>	D2	7.56E-05	-1.5	1.51E-03	-1.5
NM_001141922	<i>Bean1</i>	D2	2.67E-02	-1.4	NS	NS
NM_009751	<i>Bfsp1</i>	D2	2.25E-02	-2.0	NS	NS
NM_021560	<i>Bhlhe22</i>	D2	1.29E-02	-1.7	NS	NS
NM_173404	<i>Bmp3</i>	D2	1.11E-02	-1.7	NS	NS
NM_013481	<i>Bop1</i>	D2	5.40E-03	-1.6	NS	NS
NM_026396	<i>Brix1</i>	D2	2.82E-02	-1.4	NS	NS
NM_133889	<i>Bsdc1</i>	D2	NS	NS	2.81E-03	1.4
NM_007570	<i>Btg2</i>	D2	8.65E-08	2.6	4.88E-06	2.3
NM_009770	<i>Btg3</i>	D2	2.76E-02	1.6	3.35E-03	1.9
NM_016859	<i>Bysl</i>	D2	9.03E-04	-1.8	NS	NS
NM_007573	<i>C1qbp</i>	D2	1.93E-03	-1.4	NS	NS
NM_183175	<i>C1qtnf9</i>	D2	3.88E-02	1.5	NS	NS
NM_009779	<i>C3ar1</i>	D2	9.79E-03	1.8	NS	NS
NM_001252533	<i>Cacnb2</i>	D2	9.79E-03	1.4	NS	NS
NM_019431	<i>Cacng4</i>	D2	4.48E-02	-1.3	NS	NS
NM_001025600	<i>Cadm1</i>	D2	2.67E-02	-1.5	NS	NS
NM_009788	<i>Calb1</i>	D2	NS	NS	7.23E-03	-1.7
NM_026192	<i>Calcoco1</i>	D2	4.08E-02	1.4	NS	NS
NM_144817	<i>Camk1g</i>	D2	3.57E-04	-1.6	2.95E-05	-1.7
NM_001163749	<i>Camsap3</i>	D2	7.21E-04	-1.6	NS	NS
NM_001111289	<i>Caprin1</i>	D2	2.82E-02	-1.3	NS	NS
NM_025821	<i>Carhsp1</i>	D2	5.31E-03	1.7	NS	NS
NM_021531	<i>Carm1</i>	D2	7.37E-03	-1.3	NS	NS
NM_027937	<i>Caskin1</i>	D2	2.15E-02	-1.4	NS	NS
NM_001159344	<i>Casz1</i>	D2	2.62E-02	-1.6	NS	NS
NM_019626	<i>Cbln1</i>	D2	3.48E-02	-2.0	NS	NS

NM_172633	<i>Cbln2</i>	D2	1.29E-02	-1.9	NS	NS
NM_173047	<i>Cbr3</i>	D2	2.05E-02	-1.5	6.49E-03	-1.6
NM_001271353	<i>Cbs</i>	D2	2.46E-02	1.4	NS	NS
NM_007625	<i>Cbx4</i>	D2	7.70E-03	-1.4	NS	NS
NM_173763	<i>Ccbl2</i>	D2	1.13E-02	2.0	NS	NS
NM_207202	<i>Ccdc120</i>	D2	2.94E-02	-1.5	NS	NS
NM_001025576	<i>Ccdc141</i>	D2	2.04E-02	1.9	NS	NS
NM_177716	<i>Ccdc184</i>	D2	1.72E-06	-2.0	NS	NS
NM_144820	<i>Ccdc28a</i>	D2	NS	NS	2.56E-03	2.1
NM_025602	<i>Ccdc59</i>	D2	NS	NS	3.03E-02	-1.6
NM_207268	<i>Ccdc87</i>	D2	2.12E-03	-2.1	NS	NS
NM_011338	<i>Ccl9</i>	D2	3.31E-02	1.9	NS	NS
NM_007631	<i>Ccnd1</i>	D2	8.16E-04	-1.6	2.81E-03	-1.6
NM_009831	<i>Ccng1</i>	D2	2.30E-03	1.4	NS	NS
NM_001114328	<i>CcpG1</i>	D2	9.00E-03	1.5	NS	NS
NM_153098	<i>Cd109</i>	D2	2.34E-02	1.7	NS	NS
NM_026956	<i>Cd209f</i>	D2	4.41E-02	-2.0	NS	NS
NM_009846	<i>Cd24a</i>	D2	3.84E-02	-1.6	NS	NS
NM_001111058	<i>Cd33</i>	D2	3.91E-02	1.8	NS	NS
NM_007646	<i>Cd38</i>	D2	1.61E-02	1.9	NS	NS
NM_013488	<i>Cd4</i>	D2	1.23E-02	3.1	NS	NS
NM_025584	<i>Cd99</i>	D2	2.28E-03	-1.8	NS	NS
NM_026772	<i>Cdc42ep2</i>	D2	9.75E-04	-1.8	NS	NS
NM_009865	<i>Cdh10</i>	D2	NS	NS	3.06E-02	-1.4
NM_001168304	<i>Cdk19</i>	D2	1.14E-02	1.4	NS	NS
NM_009872	<i>Cdk5r2</i>	D2	1.35E-04	-1.9	NS	NS
NM_009874	<i>Cdk7</i>	D2	NS	NS	2.84E-02	-1.5
NM_183294	<i>Cdkl1</i>	D2	4.08E-02	1.4	NS	NS
NM_001080929	<i>Cdr2l</i>	D2	2.33E-02	-1.7	NS	NS
NM_026014	<i>Cdt1</i>	D2	4.91E-02	-1.5	NS	NS
NM_001134426	<i>Cdv3</i>	D2	5.30E-03	-1.3	1.93E-02	-1.3
NM_001039185	<i>Ceacam1</i>	D2	2.17E-02	1.9	NS	NS
NM_001159364	<i>Cep97</i>	D2	4.25E-02	1.5	NS	NS
NM_009891	<i>Chat</i>	D2	5.95E-03	1.5	NS	NS
NM_133928	<i>Chchd4</i>	D2	1.49E-02	-1.7	NS	NS
NM_001081345	<i>Chd2</i>	D2	1.30E-03	1.6	NS	NS
NM_021350	<i>Chml</i>	D2	2.82E-02	-1.5	NS	NS
NM_001114385	<i>Chrdl1</i>	D2	5.72E-03	-1.7	NS	NS

NM_029935	<i>Chst15</i>	D2	3.43E-02	-1.4	NS	NS
NM_001289429	<i>Cipc</i>	D2	1.30E-02	-1.3	NS	NS
NM_016680	<i>Clasrp</i>	D2	NS	NS	2.17E-02	-1.5
NM_001177770	<i>Clcc1</i>	D2	8.97E-03	1.7	NS	NS
NM_001243762	<i>Clcn5</i>	D2	1.20E-03	1.7	4.08E-02	1.5
NM_001160096	<i>Cldn10</i>	D2	8.82E-03	1.6	NS	NS
NM_001033175	<i>Cln6</i>	D2	9.60E-03	1.5	NS	NS
NM_153384	<i>Clrn1</i>	D2	NS	NS	2.62E-03	1.9
NM_025647	<i>Cmpk1</i>	D2	4.98E-02	-1.3	NS	NS
NM_026066	<i>Cmtm5</i>	D2	4.19E-02	1.3	NS	NS
NM_177751	<i>Cnksr2</i>	D2	2.49E-02	1.4	NS	NS
NM_007726	<i>Cnr1</i>	D2	1.61E-02	-1.4	NS	NS
NM_130457	<i>Cntnap4</i>	D2	4.61E-03	-1.6	NS	NS
NM_001198835	<i>Coch</i>	D2	1.16E-03	-2.0	NS	NS
NM_146211	<i>Colgalt1</i>	D2	4.61E-02	-1.4	NS	NS
NM_026965	<i>Comtd1</i>	D2	3.73E-02	-1.3	NS	NS
NM_001039710	<i>Coq10b</i>	D2	2.99E-02	-1.5	NS	NS
NM_009898	<i>Coro1a</i>	D2	1.11E-02	-1.7	2.75E-02	-1.6
NM_178379	<i>Cox10</i>	D2	1.16E-02	-1.5	NS	NS
NM_001033310	<i>Cox18</i>	D2	7.57E-03	-1.4	NS	NS
NM_001252525	<i>Cpeb1</i>	D2	5.99E-04	2.2	1.62E-03	2.2
NM_016856	<i>Cpsf2</i>	D2	NS	NS	4.85E-02	-1.3
NM_013499	<i>Cr1l</i>	D2	2.07E-02	1.4	NS	NS
NM_007758	<i>Cr2</i>	D2	4.55E-02	-1.7	NS	NS
NM_011957	<i>Creb3l1</i>	D2	8.40E-03	-1.9	2.82E-02	-1.9
NM_172728	<i>Creb5</i>	D2	3.98E-03	1.9	1.33E-04	2.3
NM_001110850	<i>Crem</i>	D2	2.39E-05	2.1	2.95E-05	2.1
NM_007762	<i>Crhr1</i>	D2	9.18E-09	-2.9	3.85E-03	-1.9
NM_024223	<i>Crip2</i>	D2	3.14E-02	-1.4	NS	NS
NM_016669	<i>Crym</i>	D2	1.19E-04	-1.6	NS	NS
NM_023565	<i>Cse1l</i>	D2	3.04E-03	-1.4	4.61E-02	-1.3
NM_001037859	<i>Csf1r</i>	D2	1.96E-02	1.5	NS	NS
NM_007783	<i>Csk</i>	D2	4.55E-02	-1.5	NS	NS
NM_153407	<i>Csrnp2</i>	D2	1.67E-02	-1.5	NS	NS
NM_153409	<i>Csrnp3</i>	D2	2.66E-02	1.3	NS	NS
NM_007791	<i>Csrp1</i>	D2	1.83E-02	1.6	NS	NS
NM_177655	<i>Cstl1</i>	D2	1.63E-02	1.8	NS	NS
NM_001170744	<i>Ctbp2</i>	D2	2.94E-02	-1.4	NS	NS

NM_001145799	<i>Ctla2a</i>	D2	3.89E-02	1.6	NS	NS
NM_031251	<i>Ctns</i>	D2	NS	NS	6.49E-03	1.5
NM_016748	<i>Ctps</i>	D2	9.21E-03	-1.5	NS	NS
NM_007799	<i>Ctse</i>	D2	1.69E-02	1.7	NS	NS
NM_019861	<i>Ctsf</i>	D2	2.28E-02	1.4	NS	NS
NM_001163332	<i>Cttnbp2nl</i>	D2	3.16E-02	-1.4	NS	NS
NM_153775	<i>Ctu2</i>	D2	1.54E-04	-2.1	NS	NS
NM_029402	<i>Cul2</i>	D2	1.42E-02	-1.4	NS	NS
NM_009987	<i>Cx3cr1</i>	D2	3.42E-02	1.4	NS	NS
NM_009911	<i>Cxcr4</i>	D2	1.40E-02	-1.7	1.51E-02	-1.7
NM_133687	<i>Cxxc5</i>	D2	4.18E-02	-1.5	NS	NS
NM_025567	<i>Cyc1</i>	D2	3.39E-02	-1.4	NS	NS
NM_010008	<i>Cyp2j6</i>	D2	1.20E-03	1.6	NS	NS
NM_028979	<i>Cyp2j9</i>	D2	9.98E-05	2.1	4.30E-03	1.9
NM_130882	<i>Cyp4f13</i>	D2	2.40E-02	1.6	NS	NS
NM_001204333	<i>Cyp4f14</i>	D2	3.55E-02	1.7	NS	NS
NM_020010	<i>Cyp51</i>	D2	1.30E-06	-1.7	3.46E-06	-1.7
NM_010516	<i>Cyr61</i>	D2	5.50E-04	1.9	NS	NS
NM_001004455	<i>Cys1</i>	D2	NS	NS	2.75E-02	1.7
NM_001163548	<i>Cyth3</i>	D2	3.14E-02	-1.3	NS	NS
NM_194061	<i>D630045J12Rik</i>	D2	1.34E-02	-1.5	NS	NS
NM_001190473	<i>Dapk3</i>	D2	2.67E-02	-1.4	NS	NS
NM_001177371	<i>Dbn1</i>	D2	2.50E-02	-1.4	NS	NS
NM_001146308	<i>Dbnl</i>	D2	7.01E-03	-1.5	NS	NS
NM_153555	<i>Dcaf8</i>	D2	2.27E-02	1.3	NS	NS
NM_025600	<i>Dda1</i>	D2	2.90E-02	-1.2	NS	NS
NM_007837	<i>Ddit3</i>	D2	NS	NS	2.95E-02	1.7
NM_025860	<i>Ddx18</i>	D2	4.76E-02	-1.4	NS	NS
NM_019553	<i>Ddx21</i>	D2	9.59E-03	-1.5	NS	NS
NM_197982	<i>Ddx39</i>	D2	3.99E-02	-1.7	2.90E-02	-1.8
NM_001252457	<i>Ddx39b</i>	D2	1.48E-02	-1.3	NS	NS
NM_001282055	<i>Ddx46</i>	D2	6.22E-03	-1.5	3.17E-03	-1.6
NM_053183	<i>Ddx50</i>	D2	1.24E-02	-1.4	5.42E-03	-1.5
NM_027156	<i>Ddx51</i>	D2	4.01E-02	-1.7	NS	NS
NM_028041	<i>Ddx54</i>	D2	3.04E-04	-1.7	NS	NS
NM_011933	<i>Decr2</i>	D2	2.36E-02	1.4	3.03E-02	1.4
NM_007853	<i>Degs1</i>	D2	7.47E-03	1.4	NS	NS
NM_010046	<i>Dgat1</i>	D2	4.27E-02	-1.7	NS	NS

NM_053272	<i>Dhcr24</i>	D2	2.86E-11	-1.9	9.51E-11	-1.9
NM_026819	<i>Dhrs1</i>	D2	9.21E-03	1.4	NS	NS
NM_172594	<i>Dhx29</i>	D2	4.36E-02	-1.3	NS	NS
NM_001252682	<i>Dhx30</i>	D2	7.37E-03	-1.4	NS	NS
NM_026191	<i>Dhx40</i>	D2	3.71E-02	1.4	NS	NS
NM_007842	<i>Dhx9</i>	D2	NS	NS	7.86E-05	-1.5
NM_020265	<i>Dkk2</i>	D2	NS	NS	1.83E-02	-1.9
NM_001042487	<i>Dlgap4</i>	D2	1.34E-02	-1.4	NS	NS
NM_001286013	<i>Dlk2</i>	D2	3.52E-02	-1.6	NS	NS
NM_007865	<i>Dll1</i>	D2	1.75E-02	-1.6	NS	NS
NR_002854	<i>Dlx1as</i>	D2	3.03E-03	-2.1	4.10E-03	-2.1
NM_010058	<i>Dmwd</i>	D2	2.10E-02	-1.4	NS	NS
NM_018808	<i>Dnaja1</i>	D2	NS	NS	4.47E-02	-1.4
NM_025926	<i>Dnaja4</i>	D2	1.89E-04	1.5	3.78E-03	1.5
NM_001099738	<i>Dnaja2</i>	D2	8.07E-03	1.8	NS	NS
NM_152915	<i>Dner</i>	D2	9.09E-03	-1.3	NS	NS
NM_001199431	<i>Dnmt1</i>	D2	1.11E-02	-1.6	NS	NS
NM_053246	<i>Dok4</i>	D2	NS	NS	4.67E-02	-1.3
NM_020329	<i>Dolpp1</i>	D2	3.21E-02	-1.6	NS	NS
NM_172639	<i>Dpcd</i>	D2	3.05E-02	-1.4	NS	NS
NM_013874	<i>Dpfl</i>	D2	6.92E-04	-2.0	8.30E-03	-1.8
NM_023047	<i>Dpysl5</i>	D2	1.97E-02	-1.3	NS	NS
NM_023842	<i>Dsp</i>	D2	2.54E-02	1.8	NS	NS
NM_001285807	<i>Dtna</i>	D2	7.83E-06	1.5	2.58E-04	1.4
NM_008052	<i>Dtx1</i>	D2	1.11E-02	-1.4	NS	NS
NM_172442	<i>Dtx4</i>	D2	NS	NS	9.41E-03	1.4
NM_013642	<i>Dusp1</i>	D2	1.82E-05	2.0	6.36E-07	2.3
NM_023173	<i>Dusp12</i>	D2	2.19E-04	-1.8	NS	NS
NM_019819	<i>Dusp14</i>	D2	2.66E-02	1.6	NS	NS
NM_001048054	<i>Dusp16</i>	D2	5.42E-04	1.9	3.59E-03	1.9
NM_176933	<i>Dusp4</i>	D2	1.64E-07	-2.5	1.58E-03	-1.9
NM_001085390	<i>Dusp5</i>	D2	2.76E-02	-1.6	NS	NS
NM_026268	<i>Dusp6</i>	D2	1.01E-04	-1.9	2.57E-04	-1.9
NM_153459	<i>Dusp7</i>	D2	4.31E-04	-2.0	NS	NS
NM_008748	<i>Dusp8</i>	D2	4.14E-05	1.5	1.67E-06	1.6
NM_019682	<i>Dynll1</i>	D2	4.13E-02	-1.3	NS	NS
NM_001037957	<i>Dyrk1b</i>	D2	2.53E-02	1.3	NS	NS
NM_177856	<i>E130311K13Rik</i>	D2	3.97E-02	1.6	NS	NS

NM_148952	<i>E2f4</i>	D2	1.05E-02	-1.6	NS	NS
NM_007893	<i>E4f1</i>	D2	NS	NS	2.76E-02	-1.5
NM_025380	<i>Eef1e1</i>	D2	6.11E-03	-1.4	3.43E-02	-1.4
NM_026007	<i>Eef1g</i>	D2	1.71E-02	-1.3	NS	NS
NM_007909	<i>Efna2</i>	D2	7.01E-03	-1.6	NS	NS
NM_010108	<i>Efna3</i>	D2	1.13E-04	-1.6	NS	NS
NM_010111	<i>Efnb2</i>	D2	4.26E-02	-1.4	NS	NS
NM_007911	<i>Efnb3</i>	D2	4.70E-04	-1.6	NS	NS
NM_001082483	<i>Efr3b</i>	D2	2.69E-03	-1.4	NS	NS
NM_053208	<i>Egln2</i>	D2	1.31E-02	-1.4	NS	NS
NM_001289925	<i>Egr3</i>	D2	2.38E-05	-2.3	1.12E-07	-2.9
NM_018781	<i>Egr3</i>	D2	NS	NS	5.98E-03	-1.9
NM_026892	<i>Eif1b</i>	D2	4.23E-02	-1.3	NS	NS
NM_010121	<i>Eif2ak3</i>	D2	3.91E-02	1.4	1.00E-02	1.6
NM_018749	<i>Eif3d</i>	D2	3.51E-02	-1.4	2.75E-02	-1.4
NM_001159375	<i>Eif4a1</i>	D2	2.94E-02	-1.3	NS	NS
NM_138669	<i>Eif4a3</i>	D2	NS	NS	1.64E-02	-1.4
NM_007917	<i>Eif4e</i>	D2	NS	NS	2.03E-02	-1.3
NM_145941	<i>Eif4g1</i>	D2	1.51E-02	-1.3	4.45E-03	-1.3
NM_177586	<i>Eif5a2</i>	D2	NS	NS	3.71E-02	-1.4
NM_023479	<i>Elac2</i>	D2	4.74E-02	-1.4	NS	NS
NM_001177883	<i>Elavl2</i>	D2	4.49E-04	-1.5	NS	NS
NM_175522	<i>Elfn1</i>	D2	7.05E-03	-1.8	1.35E-02	-1.8
NM_001253692	<i>Elmod3</i>	D2	2.67E-02	1.4	NS	NS
NM_130450	<i>Elovl6</i>	D2	7.73E-03	-1.4	2.47E-03	-1.5
NM_198299	<i>Enkd1</i>	D2	2.96E-02	-1.5	NS	NS
NM_001168620	<i>Enpp5</i>	D2	5.50E-04	1.5	NS	NS
NM_177304	<i>Enpp6</i>	D2	3.97E-02	2.5	NS	NS
NM_175313	<i>Eogt</i>	D2	1.21E-02	1.5	NS	NS
NM_013512	<i>Epb41l4a</i>	D2	2.28E-03	-1.5	NS	NS
NM_134065	<i>Epdrr1</i>	D2	3.04E-03	1.6	NS	NS
NM_010140	<i>Epha3</i>	D2	2.49E-02	-1.4	NS	NS
NM_010143	<i>Ephb3</i>	D2	4.17E-02	-1.6	NS	NS
NM_175266	<i>Epm2aip1</i>	D2	4.10E-02	-1.3	NS	NS
NM_001005868	<i>Erbp2ip</i>	D2	5.24E-03	1.5	NS	NS
NM_028042	<i>Ercc8</i>	D2	1.23E-03	-1.8	NS	NS
NM_133659	<i>Erg</i>	D2	NS	NS	4.15E-02	-1.6
NM_028039	<i>Esco2</i>	D2	NS	NS	1.90E-02	-2.0

NM_029250	<i>Etnk1</i>	D2	3.14E-02	1.3	NS	NS
NM_001038642	<i>Ets1</i>	D2	NS	NS	3.72E-02	-1.5
NM_008815	<i>Etv4</i>	D2	2.28E-05	-1.9	4.97E-04	-1.8
NM_023794	<i>Etv5</i>	D2	1.31E-05	-2.1	5.98E-03	-1.7
NM_145570	<i>Eva1a</i>	D2	9.21E-03	1.6	NS	NS
NM_177077	<i>Exoc6b</i>	D2	2.25E-02	-1.4	NS	NS
NM_175399	<i>Exosc4</i>	D2	1.24E-02	-1.7	NS	NS
NM_028274	<i>Exosc6</i>	D2	3.52E-02	-1.2	NS	NS
NM_001163514	<i>Extl2</i>	D2	8.09E-03	1.5	NS	NS
NM_027980	<i>Faap100</i>	D2	1.75E-02	-1.4	NS	NS
NM_183187	<i>Fam107a</i>	D2	2.75E-14	7.8	2.20E-09	4.8
NM_001085513	<i>Fam131c</i>	D2	4.46E-06	-2.3	NS	NS
NM_001034851	<i>Fam134b</i>	D2	2.39E-05	1.6	3.72E-02	1.3
NM_153574	<i>Fam13a</i>	D2	1.24E-02	1.7	NS	NS
NM_001159743	<i>Fam150b</i>	D2	NS	NS	4.44E-02	-1.8
NM_177838	<i>Fam163a</i>	D2	1.90E-03	-1.6	4.62E-02	-1.5
NM_001081161	<i>Fam171a1</i>	D2	1.51E-03	-1.6	NS	NS
NM_182808	<i>Fam19a1</i>	D2	1.39E-04	1.7	NS	NS
NM_030565	<i>Fam20c</i>	D2	3.31E-04	-1.7	NS	NS
NM_001113283	<i>Fam214a</i>	D2	NS	NS	1.88E-02	1.6
NM_178908	<i>Fam26e</i>	D2	3.63E-06	2.3	7.61E-06	2.3
NM_175104	<i>Fam53c</i>	D2	1.20E-03	1.9	2.05E-02	1.7
NM_001160261	<i>Fam78b</i>	D2	3.82E-02	-1.4	NS	NS
NM_029007	<i>Fam84a</i>	D2	7.37E-03	-1.5	NS	NS
NM_026635	<i>Fam96a</i>	D2	4.31E-02	1.4	NS	NS
NM_178797	<i>Far2</i>	D2	3.01E-06	-1.7	2.58E-04	-1.6
NM_007988	<i>Fasn</i>	D2	5.68E-03	-1.5	NS	NS
NM_007991	<i>Fbl</i>	D2	4.54E-02	-1.3	NS	NS
NM_001161851	<i>Fbxo44</i>	D2	NS	NS	2.88E-02	-1.5
NM_176982	<i>Fbxo48</i>	D2	4.31E-03	-2.0	NS	NS
NM_172591	<i>Fcho2</i>	D2	2.10E-02	1.4	NS	NS
NM_010191	<i>Fdft1</i>	D2	9.18E-09	-1.7	1.67E-06	-1.6
NM_001253751	<i>Fdps</i>	D2	5.95E-05	-1.9	2.81E-03	-1.7
NM_001039824	<i>Fdx1l</i>	D2	1.01E-02	-1.5	NS	NS
NM_010197	<i>Fgf1</i>	D2	NS	NS	4.42E-02	1.8
NM_010201	<i>Fgf14</i>	D2	1.42E-02	1.5	NS	NS
NM_008005	<i>Fgf18</i>	D2	6.22E-03	-1.7	NS	NS
NM_001277268	<i>Fgf5</i>	D2	2.52E-02	1.5	NS	NS

NM_001163215	<i>Fgfr3</i>	D2	3.31E-04	1.9	1.87E-02	1.6
NM_001164259	<i>Fgfr1</i>	D2	3.83E-03	-1.6	3.21E-03	-1.7
NM_008013	<i>Fgl2</i>	D2	1.63E-02	1.5	NS	NS
NM_001081243	<i>Filip1</i>	D2	3.18E-02	1.6	NS	NS
NM_008019	<i>Fkbp1a</i>	D2	2.21E-02	-1.4	NS	NS
NM_010219	<i>Fkbp4</i>	D2	3.22E-02	-1.3	NS	NS
NM_022009	<i>Flii</i>	D2	4.97E-03	-1.5	NS	NS
NM_001159706	<i>Folh1</i>	D2	4.54E-02	1.7	2.03E-02	1.9
NM_008037	<i>Fosl2</i>	D2	1.50E-02	-1.8	NS	NS
NM_001080932	<i>Foxk2</i>	D2	4.75E-03	-1.3	NS	NS
NM_019739	<i>Foxo1</i>	D2	3.55E-02	-1.7	NS	NS
NM_194060	<i>Foxo6</i>	D2	1.97E-03	-1.9	NS	NS
NM_001286607	<i>Foxp2</i>	D2	2.19E-02	4.7	NS	NS
NM_001017983	<i>Foxred2</i>	D2	7.05E-03	-1.7	NS	NS
NM_007984	<i>Fscn1</i>	D2	1.74E-04	-1.4	NS	NS
NM_008046	<i>Fst</i>	D2	2.94E-02	-1.5	NS	NS
NM_025799	<i>Fuca2</i>	D2	1.74E-02	1.4	NS	NS
NM_011814	<i>Fxr2</i>	D2	1.72E-02	-1.3	NS	NS
NM_010246	<i>Fzd9</i>	D2	3.64E-02	-1.5	NS	NS
NM_019757	<i>Fzr1</i>	D2	6.11E-03	-1.5	NS	NS
NM_001162477	<i>Gab2</i>	D2	1.55E-02	-1.4	NS	NS
NM_020590	<i>Gabaraapl1</i>	D2	2.47E-02	1.3	NS	NS
NM_001271467	<i>Gabpb1</i>	D2	1.63E-02	-1.5	1.88E-02	-1.5
NM_011817	<i>Gadd45g</i>	D2	2.27E-02	1.8	NS	NS
NM_001177691	<i>Gal3st1</i>	D2	4.01E-02	1.6	NS	NS
NM_178389	<i>Gale</i>	D2	4.65E-03	-1.7	NS	NS
NM_001081421	<i>Galnt16</i>	D2	3.18E-02	1.4	NS	NS
NM_008083	<i>Gap43</i>	D2	2.79E-02	-1.2	NS	NS
NM_028022	<i>Gatsl3</i>	D2	NS	NS	1.90E-02	2.0
NM_001163282	<i>Gdf1</i>	D2	2.18E-02	-1.9	NS	NS
NM_145741	<i>Gdf10</i>	D2	9.46E-04	-1.6	NS	NS
NM_144786	<i>Ggt7</i>	D2	4.22E-02	-1.3	NS	NS
NM_016867	<i>Gipc2</i>	D2	4.97E-02	1.7	NS	NS
NM_010288	<i>Gja1</i>	D2	8.56E-03	1.4	NS	NS
NM_080450	<i>Gjc3</i>	D2	3.64E-03	2.3	NS	NS
NM_010290	<i>Gjd2</i>	D2	1.20E-02	-1.5	NS	NS
NM_001286728	<i>Glcci1</i>	D2	4.41E-02	1.4	NS	NS
NM_027450	<i>Glipr2</i>	D2	NS	NS	3.75E-02	1.6

NM_029102	<i>Glt8d2</i>	D2	1.12E-03	2.3	7.95E-03	2.1
NM_008131	<i>Glul</i>	D2	1.15E-03	1.5	NS	NS
NM_001281514	<i>Gm10354</i>	D2	NS	NS	3.28E-02	1.9
NM_001037926	<i>Gm13051</i>	D2	8.82E-03	1.7	NS	NS
ENSMUST0000						NS
0105763	<i>Gm13101</i>	D2	4.45E-02	1.5	NS	
NM_001177392	<i>Gm13547</i>	D2	3.31E-02	1.8	NS	NS
ENSMUST0000						NS
0140106	<i>Gm14569</i>	D2	8.44E-03	1.9	NS	
NM_001102665	<i>Gm14920</i>	D2	2.19E-02	1.6	NS	NS
ENSMUST0000						NS
0164512	<i>Gm2974</i>	D2	3.18E-02	-1.5	NS	
ENSMUST0000						NS
0163525	<i>Gm3239</i>	D2	3.24E-02	-1.5	NS	
ENSMUST0000						NS
0181880	<i>Gm3532</i>	D2	4.88E-02	-1.6	NS	
ENSMUST0000						NS
0171906	<i>Gm3667</i>	D2	3.54E-02	-1.4	NS	
NM_001034859	<i>Gm4841</i>	D2	1.11E-02	-1.9	NS	NS
NR_045668	<i>Gm5124</i>	D2	8.16E-03	-1.5	NS	NS
NM_001033266	<i>Gm525</i>	D2	3.26E-02	1.7	NS	NS
XM_485592.5	<i>Gm5553</i>	D2	3.39E-02	1.7	NS	NS
NM_001033789	<i>Gm5820</i>	D2	1.07E-02	-1.9	NS	NS
NM_198101	<i>Gmip</i>	D2	3.01E-02	-1.6	NS	NS
NM_001190414	<i>Gne</i>	D2	NS	NS	4.47E-02	-1.4
NM_153547	<i>Gnl3</i>	D2	5.35E-03	-1.7	NS	NS
NM_001141983	<i>Golga7b</i>	D2	1.08E-02	-1.5	NS	NS
NM_001177669	<i>Golph3l</i>	D2	2.80E-02	1.4	NS	NS
NM_008149	<i>Gpam</i>	D2	5.03E-04	1.4	1.90E-02	1.3
NM_001110809	<i>Gpatch4</i>	D2	1.17E-02	-1.6	1.16E-02	-1.6
NM_016696	<i>Gpc1</i>	D2	1.70E-02	-1.5	NS	NS
NM_030084	<i>Gpr108</i>	D2	3.65E-02	1.5	NS	NS
NM_027518	<i>Gpr137c</i>	D2	1.35E-08	2.2	1.67E-07	2.1
NM_001190297	<i>Gpr155</i>	D2	3.07E-03	1.6	NS	NS
NM_029536	<i>Gpr165</i>	D2	3.52E-02	1.5	NS	NS
NM_010338	<i>Gpr37</i>	D2	1.32E-02	1.6	4.78E-02	1.5
NM_134438	<i>Gpr37l1</i>	D2	1.34E-02	1.4	NS	NS
NM_145066	<i>Gpr85</i>	D2	3.65E-02	1.4	4.13E-02	1.4
NM_012014	<i>Gprin1</i>	D2	1.74E-05	-1.6	NS	NS
NM_001177874	<i>Gps1</i>	D2	4.18E-04	-1.4	NS	NS

NM_026240	<i>Gramd3</i>	D2	1.24E-02	1.6	NS	NS
NM_001033351	<i>Grin3a</i>	D2	2.23E-03	-1.7	NS	NS
NM_175012	<i>Grp</i>	D2	4.14E-02	-1.7	NS	NS
NM_153419	<i>Grwd1</i>	D2	3.31E-04	-2.1	8.82E-04	-2.1
NM_145147	<i>Gtpbp6</i>	D2	4.62E-02	-1.6	NS	NS
NM_010436	<i>H2afx</i>	D2	1.28E-03	-1.6	NS	NS
NM_008216	<i>Has2</i>	D2	1.44E-02	-2.1	NS	NS
NM_028633	<i>Haus7</i>	D2	2.49E-02	-1.6	NS	NS
NM_008227	<i>Hcn3</i>	D2	2.11E-03	-1.7	NS	NS
NM_001081192	<i>Hcn4</i>	D2	4.19E-04	-1.8	1.87E-02	-1.6
NM_198962	<i>Hctr2</i>	D2	2.69E-03	-1.8	NS	NS
NM_144835	<i>Heatr1</i>	D2	1.21E-02	-1.6	1.08E-02	-1.7
NM_001001883	<i>Hecw2</i>	D2	2.53E-02	-1.7	NS	NS
NM_175256	<i>Heg1</i>	D2	4.82E-02	1.5	NS	NS
NM_175189	<i>Hepacam</i>	D2	4.54E-02	1.4	NS	NS
NM_010419	<i>Hes5</i>	D2	3.55E-02	-1.5	NS	NS
NM_010422	<i>Hexb</i>	D2	2.03E-05	1.7	NS	NS
NM_001162950	<i>Hif3a</i>	D2	2.74E-02	1.9	NS	NS
NM_008248	<i>Hint1</i>	D2	3.82E-02	-1.4	NS	NS
NM_178213	<i>Hist2h2ab</i>	D2	5.42E-04	-1.9	NS	NS
NM_007772	<i>Hivep1</i>	D2	4.87E-04	-1.6	NS	NS
NM_008255	<i>Hmgcr</i>	D2	2.40E-06	-1.9	1.39E-04	-1.7
NM_008256	<i>Hmgcs2</i>	D2	2.21E-04	2.6	1.25E-02	2.1
NM_016957	<i>Hmgn2</i>	D2	9.36E-03	1.4	NS	NS
NM_080462	<i>Hnmt</i>	D2	3.28E-02	1.5	NS	NS
NM_007545	<i>Hrk</i>	D2	4.98E-03	1.7	NS	NS
NM_010476	<i>Hsd17b7</i>	D2	7.59E-08	-2.1	4.34E-08	-2.1
NM_175185	<i>Hsdl1</i>	D2	1.11E-02	-1.5	NS	NS
NM_024255	<i>Hsdl2</i>	D2	1.91E-03	1.6	NS	NS
NM_010479	<i>Hspa1a</i>	D2	1.43E-02	1.5	NS	NS
NM_001002012	<i>Hspa2</i>	D2	8.43E-03	1.7	NS	NS
NM_024172	<i>Hspbp1</i>	D2	9.90E-04	-1.5	NS	NS
NM_008303	<i>Hspe1</i>	D2	6.86E-03	-1.4	NS	NS
NM_019564	<i>Htra1</i>	D2	1.55E-07	2.4	1.51E-03	1.8
NM_019752	<i>Htra2</i>	D2	3.61E-02	-1.3	NS	NS
NM_008317	<i>Hyal1</i>	D2	2.49E-02	1.7	NS	NS
NM_031166	<i>Id4</i>	D2	1.62E-02	2.0	NS	NS
NM_145360	<i>Idi1</i>	D2	7.08E-07	-2.0	8.75E-08	-2.1

NM_001101605	<i>Ifit1bl1</i>	D2	NS	NS	3.77E-02	1.9
NM_013562	<i>Ifrd1</i>	D2	2.94E-03	-1.7	4.38E-03	-1.7
NM_198610	<i>Igsf21</i>	D2	1.14E-02	-1.6	NS	NS
NM_001033323	<i>Igsf9b</i>	D2	NS	NS	1.36E-02	1.7
NM_011772	<i>Ikzf4</i>	D2	NS	NS	2.88E-02	-1.5
NM_145837	<i>Il17d</i>	D2	1.24E-02	-1.5	NS	NS
NM_001123382	<i>Il1r1</i>	D2	7.65E-03	1.9	NS	NS
NM_001159317	<i>Il1rap</i>	D2	NS	NS	1.05E-02	-1.7
NM_011919	<i>Ing1</i>	D2	2.08E-02	-1.4	1.32E-03	-1.5
NM_172439	<i>Inpp5j</i>	D2	1.20E-03	1.9	7.71E-04	2.0
NM_153526	<i>Insig1</i>	D2	7.92E-07	-2.3	1.54E-06	-2.3
NM_026748	<i>Ints1</i>	D2	2.68E-02	-1.3	NS	NS
NM_029665	<i>Ipo11</i>	D2	1.76E-02	-1.4	NS	NS
NM_023579	<i>Ipo5</i>	D2	8.63E-03	-1.3	NS	NS
NM_016851	<i>Irf6</i>	D2	1.51E-03	1.8	NS	NS
NM_010586	<i>Itpr2</i>	D2	2.38E-03	1.6	NS	NS
NM_027391	<i>Iyd</i>	D2	4.48E-02	1.6	NS	NS
NM_033398	<i>Jmjd6</i>	D2	5.84E-03	-1.5	NS	NS
NM_021310	<i>Jmy</i>	D2	3.99E-02	1.4	NS	NS
NM_010591	<i>Jun</i>	D2	6.88E-14	3.3	9.39E-11	2.9
NM_001286944	<i>Jund</i>	D2	5.24E-03	1.5	1.59E-03	1.6
NM_001038010	<i>Kat2a</i>	D2	1.31E-05	-1.6	4.97E-02	-1.3
NM_145983	<i>Kcna5</i>	D2	3.00E-02	1.8	NS	NS
NM_001039347	<i>Kcnd3</i>	D2	3.82E-02	-1.4	8.92E-03	-1.6
NM_001081134	<i>Kcng1</i>	D2	1.21E-06	-2.5	3.25E-05	-2.2
NM_001039056	<i>Kcnj15</i>	D2	1.07E-02	-1.7	NS	NS
NM_028231	<i>Kcnmb2</i>	D2	3.10E-02	-1.6	NS	NS
NM_032397	<i>Kcnn1</i>	D2	1.34E-02	-1.6	NS	NS
NM_026135	<i>Kctd16</i>	D2	1.22E-04	2.0	1.24E-04	2.1
NM_027008	<i>Kctd5</i>	D2	NS	NS	3.92E-02	1.4
NM_172262	<i>Kdm1b</i>	D2	3.52E-02	-1.5	NS	NS
NM_011317	<i>Khdrbs1</i>	D2	2.40E-03	-1.5	NS	NS
NM_001145779	<i>Kif2a</i>	D2	2.41E-02	-1.3	NS	NS
NM_172898	<i>Kirrel2</i>	D2	1.60E-02	1.7	4.48E-05	2.4
NM_001122733	<i>Kit</i>	D2	1.32E-05	-1.5	3.03E-02	-1.3
NM_008451	<i>Klc2</i>	D2	1.34E-02	-1.4	NS	NS
NM_010636	<i>Klf12</i>	D2	3.57E-03	1.4	NS	NS
NM_078477	<i>Klf16</i>	D2	7.59E-08	-2.3	7.86E-05	-1.9

NM_009769	<i>Klf5</i>	D2	2.94E-02	-1.7	NS	NS
NM_011803	<i>Klf6</i>	D2	1.51E-02	-1.5	3.03E-02	-1.5
NM_010638	<i>Klf9</i>	D2	1.24E-03	1.6	NS	NS
NM_029436	<i>Klhl24</i>	D2	2.54E-04	1.5	1.41E-02	1.4
NM_001033171	<i>Klrg2</i>	D2	NS	NS	4.62E-02	1.6
NM_010655	<i>Kpna2</i>	D2	4.19E-06	-1.8	2.58E-04	-1.7
NM_021284	<i>Kras</i>	D2	1.34E-02	-1.3	NS	NS
NM_201255	<i>Krt9</i>	D2	1.61E-02	2.0	NS	NS
NM_029571	<i>Kti12</i>	D2	2.73E-02	-1.3	4.74E-02	-1.3
NM_001289711	<i>L3mbtl2</i>	D2	1.91E-02	-1.5	NS	NS
NM_001113474	<i>Lair1</i>	D2	3.36E-02	1.6	NS	NS
NM_010688	<i>Lasp1</i>	D2	5.76E-03	-1.3	NS	NS
NM_027448	<i>Lca5</i>	D2	NS	NS	3.48E-02	-1.5
NM_177846	<i>Lcmt2</i>	D2	1.63E-02	1.7	NS	NS
NM_001247984	<i>Lcp1</i>	D2	NS	NS	4.62E-02	-1.5
NM_001077398	<i>Ldb2</i>	D2	2.18E-02	-1.5	NS	NS
NM_001252658	<i>Ldlr</i>	D2	1.92E-05	-2.4	3.42E-05	-2.4
NM_001018087	<i>Ldoc1</i>	D2	1.11E-02	-2.0	NS	NS
NM_001081193	<i>Lemd3</i>	D2	3.73E-02	-1.4	NS	NS
NM_173012	<i>Letm2</i>	D2	2.15E-02	1.5	1.20E-02	1.6
NM_008494	<i>Lfn3</i>	D2	4.03E-04	1.7	2.92E-03	1.6
NM_001199043	<i>Lgals8</i>	D2	6.09E-03	1.5	2.78E-02	1.4
NM_001083125	<i>Lhx6</i>	D2	5.42E-04	-2.2	1.17E-02	-2.0
NM_010717	<i>Limk1</i>	D2	8.84E-04	-1.5	NS	NS
NM_144862	<i>Lims2</i>	D2	1.63E-02	1.9	NS	NS
NM_181074	<i>Lingo1</i>	D2	7.00E-05	-1.4	NS	NS
NM_001191001	<i>Lins1</i>	D2	1.69E-02	-1.3	NS	NS
NM_001163170	<i>Lix1l</i>	D2	2.42E-03	-1.5	NS	NS
NM_001002011	<i>Lmna</i>	D2	2.23E-04	-1.8	NS	NS
NM_001161769	<i>Lmo4</i>	D2	1.21E-02	-1.4	NS	NS
NM_201529	<i>Lmo7</i>	D2	1.09E-03	1.5	9.92E-03	1.4
ENSMUST000000096148	<i>LOC105242423</i>	D2	3.37E-02	1.9	NS	NS
NM_001081150	<i>Lonrf1</i>	D2	2.10E-02	-1.5	NS	NS
NM_028894	<i>Lonrf3</i>	D2	3.68E-03	1.9	NS	NS
NM_145376	<i>Lpcat1</i>	D2	3.88E-03	-1.3	NS	NS
NM_001141921	<i>Lrfrn1</i>	D2	5.23E-04	-1.8	NS	NS
NM_027452	<i>Lrfrn2</i>	D2	1.65E-02	-1.5	NS	NS

NM_001146048	<i>Lrrc1</i>	D2	4.67E-02	1.6	NS	NS
NM_001024645	<i>Lrrc16b</i>	D2	1.63E-02	-1.6	NS	NS
NM_145152	<i>Lrrc3</i>	D2	8.59E-04	-1.8	NS	NS
NM_153521	<i>Lrrc41</i>	D2	8.98E-03	-1.5	NS	NS
NM_133807	<i>Lrrc59</i>	D2	5.92E-04	-1.5	NS	NS
NM_001111142	<i>Lrrc73</i>	D2	7.68E-03	-1.4	NS	NS
NM_010732	<i>Lrrn2</i>	D2	5.16E-03	-1.6	NS	NS
NM_146006	<i>Lss</i>	D2	4.28E-02	-1.4	NS	NS
NM_181470	<i>Ltv1</i>	D2	8.04E-04	-1.9	1.88E-02	-1.7
NM_001252055	<i>Ly6c1</i>	D2	3.01E-03	2.2	NS	NS
NM_001135688	<i>Ly6h</i>	D2	3.80E-03	-1.5	NS	NS
NM_011942	<i>Lypla2</i>	D2	1.03E-03	-1.6	NS	NS
NM_021500	<i>Maea</i>	D2	7.67E-03	-1.4	NS	NS
NM_001199246	<i>Maged2</i>	D2	3.46E-02	-1.4	3.72E-02	-1.4
NM_053201	<i>Magee1</i>	D2	6.81E-03	-1.4	3.26E-02	-1.4
NM_026453	<i>Mak16</i>	D2	1.87E-02	-1.5	NS	NS
NM_011840	<i>Map2k5</i>	D2	4.70E-03	1.4	4.99E-02	1.3
NM_011948	<i>Map3k4</i>	D2	NS	NS	2.74E-02	1.5
NM_001043355	<i>Map6</i>	D2	2.33E-02	-1.3	NS	NS
NM_011161	<i>Mapk11</i>	D2	6.65E-04	-1.9	NS	NS
NM_001045483	<i>Mapk1ip1</i>	D2	1.94E-02	1.3	2.35E-02	1.4
NM_015806	<i>Mapk6</i>	D2	2.14E-02	-1.6	NS	NS
NM_011841	<i>Mapk7</i>	D2	2.07E-06	-1.7	4.94E-02	-1.3
NM_021921	<i>Mapk8ip2</i>	D2	1.83E-02	-1.3	NS	NS
NM_010807	<i>Marcksl1</i>	D2	2.87E-02	-1.5	NS	NS
NM_175439	<i>Mars2</i>	D2	1.53E-03	-1.7	NS	NS
NM_008555	<i>Masp1</i>	D2	2.99E-02	-1.4	NS	NS
NM_010773	<i>Mbd2</i>	D2	6.16E-03	1.4	NS	NS
NM_028372	<i>Mblac2</i>	D2	7.93E-04	-1.7	NS	NS
NM_175341	<i>Mbnl2</i>	D2	2.22E-04	1.6	NS	NS
NM_029934	<i>Mboat7</i>	D2	1.83E-02	-1.6	NS	NS
NM_001085373	<i>Mcc</i>	D2	1.93E-02	-1.4	NS	NS
NM_008564	<i>Mcm2</i>	D2	NS	NS	3.98E-02	-1.6
NM_008567	<i>Mcm6</i>	D2	2.98E-02	-1.4	NS	NS
NM_001010833	<i>Mdc1</i>	D2	NS	NS	1.50E-02	-1.8
NM_001012335	<i>Mdk</i>	D2	3.99E-02	1.7	NS	NS
NM_001277309	<i>Mea1</i>	D2	1.57E-02	-1.7	NS	NS
NM_026896	<i>Med27</i>	D2	2.92E-02	-1.3	NS	NS

NM_025895	<i>Med28</i>	D2	4.10E-02	-1.4	NS	NS
NM_008587	<i>Mertk</i>	D2	9.24E-07	3.1	1.65E-03	2.3
NM_030705	<i>Mesdc1</i>	D2	1.22E-02	-1.8	NS	NS
NM_008591	<i>Met</i>	D2	3.55E-02	-1.6	NS	NS
NM_175224	<i>Metap1</i>	D2	1.91E-03	-1.6	NS	NS
NM_172567	<i>Mettl2</i>	D2	4.51E-02	-1.4	NS	NS
NM_025964	<i>Mettl21a</i>	D2	1.92E-02	1.4	NS	NS
NM_198615	<i>Mex3d</i>	D2	1.07E-03	-1.6	NS	NS
NM_028657	<i>Mfsd12</i>	D2	3.73E-02	-1.6	NS	NS
NM_029662	<i>Mfsd2a</i>	D2	1.54E-02	1.5	NS	NS
NM_023799	<i>Mgea5</i>	D2	1.22E-02	1.3	9.95E-06	1.5
NM_177461	<i>Micall1</i>	D2	2.21E-02	-1.6	NS	NS
NM_030110	<i>Micu3</i>	D2	6.95E-03	1.4	NS	NS
NM_021565	<i>Midn</i>	D2	1.67E-06	-1.8	2.04E-03	-1.6
NM_153760	<i>Mill2</i>	D2	3.73E-02	1.7	NS	NS
NR_106092	<i>Mir7233</i>	D2	NS	NS	1.87E-02	2.0
NM_022328	<i>Mllt1</i>	D2	4.54E-02	-1.5	NS	NS
NM_001159384	<i>Mlx</i>	D2	1.76E-04	-1.6	NS	NS
NM_008609	<i>Mmp15</i>	D2	1.49E-05	-1.9	8.26E-05	-1.9
NM_172457	<i>Mob3a</i>	D2	5.77E-04	-1.8	NS	NS
NM_023773	<i>Mphosph8</i>	D2	1.11E-02	-1.4	NS	NS
NM_172610	<i>Mpped1</i>	D2	3.49E-02	-1.4	NS	NS
NM_027204	<i>Mrpl12</i>	D2	8.65E-03	-1.4	NS	NS
NM_026490	<i>Mrpl19</i>	D2	2.92E-02	-1.3	NS	NS
NM_026851	<i>Mrpl52</i>	D2	1.87E-02	-1.7	NS	NS
NM_025878	<i>Mrps18b</i>	D2	2.53E-02	-1.4	1.35E-02	-1.5
NM_026835	<i>Ms4a6d</i>	D2	4.61E-02	1.9	NS	NS
NM_001163833	<i>Msl3l2</i>	D2	4.88E-02	1.6	NS	NS
NM_025436	<i>Msmo1</i>	D2	6.29E-09	-2.7	5.99E-08	-2.6
NM_013602	<i>Mt1</i>	D2	7.59E-08	2.1	2.34E-05	1.8
NM_008630	<i>Mt2</i>	D2	2.86E-11	4.0	1.81E-10	3.8
NM_008638	<i>Mthfd2</i>	D2	1.11E-03	-1.9	NS	NS
NM_020009	<i>Mtor</i>	D2	3.42E-02	-1.3	NS	NS
NM_001005863	<i>Mtus1</i>	D2	2.32E-03	1.7	1.58E-02	1.6
NM_023431	<i>Mum1</i>	D2	1.50E-02	-1.4	NS	NS
NM_001164630	<i>Mum1l1</i>	D2	3.85E-02	1.7	NS	NS
NM_138656	<i>Mvd</i>	D2	2.34E-10	-3.1	2.95E-05	-2.2
NM_023556	<i>Mvk</i>	D2	1.75E-02	-1.7	3.87E-02	-1.7

NM_010753	<i>Mxd4</i>	D2	3.44E-03	1.7	2.34E-02	1.6
NM_001008542	<i>Mxi1</i>	D2	2.34E-10	2.0	5.73E-09	1.9
NM_001177352	<i>Myc</i>	D2	4.23E-04	-1.7	NS	NS
NM_001033481	<i>Myrf</i>	D2	3.53E-02	1.8	NS	NS
NM_030153	<i>Naa35</i>	D2	NS	NS	4.24E-02	-1.4
NM_001040395	<i>Nadk2</i>	D2	3.13E-04	1.5	NS	NS
NM_178421	<i>Nanos1</i>	D2	7.49E-03	-1.6	NS	NS
NM_001285489	<i>Nap1l4</i>	D2	4.82E-02	-1.3	NS	NS
NM_178728	<i>Napepld</i>	D2	1.69E-02	1.9	NS	NS
NM_001081475	<i>Nasp</i>	D2	8.88E-03	-1.6	NS	NS
NM_001114085	<i>Nde1</i>	D2	3.10E-03	1.7	2.81E-03	1.7
NM_172399	<i>Ndnf</i>	D2	4.40E-02	-1.4	NS	NS
NM_001145959	<i>Ndrp2</i>	D2	1.91E-03	1.3	NS	NS
NM_027244	<i>Ndufa11</i>	D2	1.45E-02	-1.4	NS	NS
NM_026742	<i>Ndufaf4</i>	D2	8.23E-03	-1.4	5.70E-04	-1.6
NM_026612	<i>Ndufb2</i>	D2	1.57E-02	-1.4	NS	NS
NM_025843	<i>Ndufb7</i>	D2	3.29E-02	-1.5	NS	NS
NM_029272	<i>Ndufs7</i>	D2	3.28E-02	-1.4	NS	NS
NM_001271443	<i>Ndufs8</i>	D2	2.66E-02	-1.3	NS	NS
NM_145138	<i>Nek9</i>	D2	2.78E-02	1.4	NS	NS
NM_021393	<i>Nelfb</i>	D2	4.47E-02	-1.4	NS	NS
NM_016701	<i>Nes</i>	D2	4.23E-02	-1.5	NS	NS
NM_001081324	<i>Neto2</i>	D2	3.71E-02	-1.3	NS	NS
NM_001271411	<i>Nfam1</i>	D2	4.29E-02	1.6	NS	NS
NM_001170591	<i>Nfu1</i>	D2	3.49E-02	-1.4	NS	NS
NM_011482	<i>Nhp2l1</i>	D2	2.19E-04	-1.5	NS	NS
NM_001163592	<i>Nhsl1</i>	D2	4.10E-02	1.3	NS	NS
NM_026472	<i>Nifk</i>	D2	NS	NS	4.85E-02	-1.3
NM_145469	<i>Nipal2</i>	D2	1.83E-02	1.5	1.17E-02	1.6
NM_028995	<i>Nipal3</i>	D2	2.60E-02	1.5	2.63E-02	1.6
NM_025623	<i>Nipsnap3b</i>	D2	3.00E-02	-1.4	NS	NS
NM_008704	<i>Nme1</i>	D2	4.08E-02	-1.3	NS	NS
NM_001077529	<i>Nme2</i>	D2	9.09E-03	-1.3	NS	NS
NM_019515	<i>Nmu</i>	D2	4.20E-02	-1.6	NS	NS
NM_010923	<i>Nnat</i>	D2	4.62E-02	-1.3	NS	NS
NM_021303	<i>Noc2l</i>	D2	1.35E-04	-1.7	NS	NS
NM_153570	<i>Noc4l</i>	D2	6.70E-04	-1.6	NS	NS
NM_009834	<i>Noct</i>	D2	2.54E-03	-1.6	2.04E-03	-1.7

NM_133800	<i>Nol12</i>	D2	1.97E-03	-1.8	NS	NS
NM_001001986	<i>Nol4l</i>	D2	5.42E-04	-1.6	1.35E-02	-1.5
NM_153057	<i>Nomo1</i>	D2	2.30E-03	-1.5	NS	NS
NM_138747	<i>Nop2</i>	D2	2.97E-07	-1.9	3.86E-03	-1.5
NM_024193	<i>Nop56</i>	D2	4.27E-02	-1.4	7.41E-03	-1.6
NM_008718	<i>Npas1</i>	D2	8.90E-04	-1.9	NS	NS
NM_008723	<i>Npm3</i>	D2	4.41E-02	-1.5	NS	NS
NM_001029836	<i>Npnt</i>	D2	4.69E-02	1.5	NS	NS
NM_001139509	<i>Nr4a2</i>	D2	1.48E-03	-3.0	NS	NS
NM_015743	<i>Nr4a3</i>	D2	6.62E-04	-1.5	NS	NS
NM_173440	<i>Nrip1</i>	D2	2.34E-02	1.4	NS	NS
NM_008737	<i>Nrp1</i>	D2	1.90E-02	-1.5	NS	NS
NM_001077403	<i>Nrp2</i>	D2	2.79E-02	-1.4	NS	NS
NM_010941	<i>Nsdhl</i>	D2	3.61E-05	-1.5	7.99E-05	-1.5
NM_027602	<i>Nsun7</i>	D2	4.93E-02	1.6	NS	NS
NM_001164363	<i>Nt5c2</i>	D2	6.11E-03	1.4	NS	NS
NM_001163348	<i>Ntng1</i>	D2	2.21E-02	-1.9	NS	NS
NM_001025074	<i>Ntrk2</i>	D2	4.10E-02	1.3	NS	NS
NM_001190179	<i>Nup35</i>	D2	NS	NS	3.07E-02	-1.5
NM_008751	<i>Nxph1</i>	D2	1.33E-04	-1.7	2.03E-02	-1.5
NM_001161430	<i>Nxt2</i>	D2	4.25E-02	1.3	NS	NS
NM_026950	<i>Ociad2</i>	D2	4.23E-02	1.4	NS	NS
NM_013614	<i>Odc1</i>	D2	3.29E-02	1.5	NS	NS
NM_173777	<i>Olfn2</i>	D2	1.90E-03	-1.6	NS	NS
NM_001005524	<i>Olfr194</i>	D2	4.12E-02	2.0	NS	NS
NM_001011780	<i>Olfr287</i>	D2	1.20E-02	1.8	NS	NS
NR_033638	<i>Olfr29-ps1</i>	D2	1.34E-02	-1.8	NS	NS
NM_147115	<i>Olfr578</i>	D2	1.38E-02	1.8	NS	NS
NM_147121	<i>Olfr644</i>	D2	4.10E-02	1.7	NS	NS
NM_147061	<i>Olfr691</i>	D2	1.13E-02	-1.9	NS	NS
NM_019409	<i>Omg</i>	D2	7.83E-04	1.5	NS	NS
NM_010098	<i>Opn3</i>	D2	3.18E-03	-1.9	NS	NS
NM_001003717	<i>Osbpl8</i>	D2	4.05E-02	-1.4	NS	NS
NM_001134791	<i>Osbpl9</i>	D2	1.35E-04	1.4	3.25E-04	1.4
NM_001285839	<i>Osgepl1</i>	D2	7.58E-03	1.6	NS	NS
NM_001001490	<i>Oxgr1</i>	D2	4.92E-02	-1.8	NS	NS
NM_027032	<i>Pacrg</i>	D2	3.96E-03	1.6	NS	NS
NM_008776	<i>Pafah1b3</i>	D2	1.23E-03	-1.9	NS	NS

NM_026420	<i>Paip2</i>	D2	3.35E-04	1.4	NS	NS
NM_146169	<i>Paip2b</i>	D2	NS	NS	3.19E-02	1.5
NM_001169131	<i>Papd7</i>	D2	NS	NS	3.92E-02	-1.5
NM_198410	<i>Paqr6</i>	D2	2.52E-02	1.6	NS	NS
NM_028829	<i>Paqr8</i>	D2	7.63E-03	1.4	1.06E-02	1.5
NM_011039	<i>Pax7</i>	D2	NS	NS	4.67E-02	1.5
NM_001081251	<i>Pbrm1</i>	D2	2.40E-02	-1.3	NS	NS
NM_011865	<i>Pcbp1</i>	D2	8.59E-04	-1.5	NS	NS
NM_029357	<i>Pcdh1</i>	D2	2.60E-02	-1.2	NS	NS
NM_001042726	<i>Pcdh8</i>	D2	4.33E-03	-1.5	NS	NS
NM_146129	<i>Pcif1</i>	D2	4.39E-03	-1.6	NS	NS
NM_183028	<i>Pcmt1</i>	D2	2.21E-03	1.4	NS	NS
NM_153594	<i>Pcmt2</i>	D2	4.98E-03	1.7	NS	NS
NM_001163144	<i>Pcsk5</i>	D2	3.42E-02	-1.5	NS	NS
NM_024229	<i>Pcyt2</i>	D2	1.38E-02	-1.5	7.97E-03	-1.6
NM_001177980	<i>Pde4b</i>	D2	1.01E-02	1.4	NS	NS
NM_013875	<i>Pde7b</i>	D2	1.24E-02	2.6	NS	NS
NM_008808	<i>Pdgfa</i>	D2	2.70E-05	-1.7	3.41E-05	-1.7
NM_011057	<i>Pdgfb</i>	D2	1.11E-02	-1.7	NS	NS
NM_001163794	<i>Pdik1</i>	D2	7.85E-03	-1.5	NS	NS
NM_013743	<i>Pdk4</i>	D2	2.50E-03	1.8	NS	NS
NM_016861	<i>Pdlim1</i>	D2	5.63E-04	2.6	NS	NS
NM_019501	<i>Pdss1</i>	D2	1.51E-02	-1.7	NS	NS
NM_008820	<i>Pepd</i>	D2	4.08E-02	-1.4	NS	NS
NM_001159367	<i>Per1</i>	D2	3.82E-02	1.4	NS	NS
NM_134025	<i>Pex12</i>	D2	NS	NS	3.92E-02	1.6
NM_011072	<i>Pfn1</i>	D2	4.96E-02	-1.3	NS	NS
NM_001163314	<i>Pgap1</i>	D2	2.67E-02	-1.3	NS	NS
NM_025954	<i>Pgp</i>	D2	3.27E-02	-1.4	NS	NS
NM_001007154	<i>Phactr3</i>	D2	1.94E-02	1.4	NS	NS
NM_008831	<i>Phb</i>	D2	7.59E-03	-1.3	1.47E-03	-1.4
NM_172705	<i>Phf13</i>	D2	6.09E-03	-1.8	NS	NS
NM_030064	<i>Phf23</i>	D2	2.43E-04	-1.8	2.90E-02	-1.5
NM_026737	<i>Phf5a</i>	D2	NS	NS	1.51E-02	-1.6
NM_009344	<i>Phlda1</i>	D2	1.38E-02	-1.8	1.93E-02	-1.9
NM_001278207	<i>Pih1d1</i>	D2	2.33E-02	-1.4	NS	NS
NM_178149	<i>Pik3ip1</i>	D2	1.92E-06	2.4	1.12E-07	2.7
NM_001024955	<i>Pik3r1</i>	D2	2.23E-10	1.9	1.25E-10	1.9

NM_181585	<i>Pik3r3</i>	D2	9.98E-05	1.6	NS	NS
NM_145478	<i>Pim3</i>	D2	1.97E-02	-1.8	NS	NS
NM_028228	<i>Pinx1</i>	D2	2.69E-03	-1.7	4.83E-03	-1.7
NM_001099779	<i>Pklr</i>	D2	3.82E-02	1.5	NS	NS
NM_001029838	<i>Pknox2</i>	D2	4.92E-02	-1.5	NS	NS
NM_008872	<i>Plat</i>	D2	3.49E-02	1.5	NS	NS
NM_152813	<i>Plcd3</i>	D2	2.63E-04	2.0	1.65E-02	1.7
NM_001081456	<i>Plcd4</i>	D2	6.68E-03	1.7	NS	NS
NM_019588	<i>Plce1</i>	D2	7.24E-03	1.8	NS	NS
NM_001177503	<i>Plekhd1</i>	D2	NS	NS	1.65E-02	1.5
NM_024413	<i>Plekhf1</i>	D2	1.36E-04	2.0	1.35E-02	1.7
NM_001033253	<i>Plekhg1</i>	D2	5.78E-08	2.4	2.28E-05	2.0
NM_013807	<i>Plk3</i>	D2	1.51E-06	-2.1	6.16E-04	-1.8
NM_011123	<i>Plp1</i>	D2	1.01E-02	4.8	NS	NS
NM_018797	<i>Plxnc1</i>	D2	1.83E-02	-1.4	NS	NS
NM_008884	<i>Pml</i>	D2	NS	NS	6.81E-03	1.6
NM_026925	<i>Pnlip</i>	D2	4.10E-02	-1.5	NS	NS
NM_008891	<i>Pnn</i>	D2	3.53E-02	-1.4	NS	NS
NM_025443	<i>Pno1</i>	D2	3.22E-02	-1.4	2.75E-02	-1.5
NM_001205075	<i>Pnoc</i>	D2	1.31E-02	-1.5	NS	NS
NM_026383	<i>Pnrc2</i>	D2	1.26E-03	1.5	3.04E-02	1.4
NM_178627	<i>Poldip3</i>	D2	2.92E-02	-1.4	NS	NS
NM_020032	<i>Poll</i>	D2	NS	NS	2.71E-02	1.8
NM_009086	<i>Polr1b</i>	D2	9.60E-03	-1.7	NS	NS
NM_001164082	<i>Polr3d</i>	D2	NS	NS	2.11E-03	-1.7
NM_148932	<i>Pom121</i>	D2	2.68E-04	-1.6	NS	NS
NM_133249	<i>Ppargc1b</i>	D2	7.01E-03	-1.7	1.10E-02	-1.7
NM_008014	<i>Ppm1g</i>	D2	3.31E-04	-1.4	1.01E-02	-1.3
NM_175523	<i>Ppm1k</i>	D2	9.61E-04	1.7	NS	NS
NM_008889	<i>Ppp1r14b</i>	D2	7.75E-03	-1.6	NS	NS
NM_027242	<i>Ppp1r35</i>	D2	1.55E-02	-1.6	2.43E-02	-1.6
NM_009358	<i>Ppp2r5d</i>	D2	3.72E-02	-1.3	NS	NS
NM_001081214	<i>Pprc1</i>	D2	4.40E-02	-1.8	NS	NS
NM_007548	<i>Prdm1</i>	D2	3.22E-02	-1.6	NS	NS
NM_025596	<i>Prelid1</i>	D2	4.92E-02	-1.3	NS	NS
NM_177782	<i>Prex1</i>	D2	1.05E-02	-1.4	NS	NS
NM_178143	<i>Prkaa2</i>	D2	3.27E-02	-1.3	NS	NS
NM_008859	<i>Prkcq</i>	D2	1.70E-02	1.5	NS	NS

NM_001252476	<i>Prmt1</i>	D2	1.36E-04	-1.7	4.64E-02	-1.4
NM_001077638	<i>Prmt2</i>	D2	2.00E-04	-1.5	NS	NS
NM_145404	<i>Prmt7</i>	D2	4.86E-03	-1.5	NS	NS
NM_001126338	<i>Prnd</i>	D2	4.38E-05	-2.3	NS	NS
NM_011172	<i>Prodh</i>	D2	3.21E-02	1.6	NS	NS
NM_018786	<i>Prpf40b</i>	D2	1.70E-02	-1.6	NS	NS
NM_175022	<i>Prr12</i>	D2	1.38E-02	-1.6	NS	NS
NM_027626	<i>Psd3</i>	D2	1.20E-02	1.4	NS	NS
NM_177698	<i>Psd3</i>	D2	2.53E-02	1.3	NS	NS
NM_009439	<i>Psmd3</i>	D2	4.74E-02	-1.3	NS	NS
NM_001282017	<i>Psmd4</i>	D2	1.91E-02	-1.4	NS	NS
NM_011192	<i>Psme3</i>	D2	1.89E-02	-1.3	NS	NS
NM_025682	<i>Pspc1</i>	D2	1.23E-02	-1.5	NS	NS
NM_028474	<i>Ptchd4</i>	D2	1.11E-02	-1.7	NS	NS
NM_133949	<i>Ptov1</i>	D2	4.63E-02	-1.3	NS	NS
NM_001166388	<i>Ptp4a3</i>	D2	3.82E-02	-1.4	NS	NS
NM_207232	<i>Ptpdc1</i>	D2	NS	NS	4.94E-02	1.6
NM_011201	<i>Ptpn1</i>	D2	6.18E-03	-1.4	NS	NS
NM_019933	<i>Ptpn4</i>	D2	6.11E-03	1.7	NS	NS
NM_001163565	<i>Ptpn5</i>	D2	1.63E-02	-1.3	NS	NS
NM_019651	<i>Ptpn9</i>	D2	2.94E-04	-1.5	NS	NS
NM_025412	<i>Pycrl</i>	D2	3.25E-02	-1.6	NS	NS
NM_133198	<i>Pygl</i>	D2	4.25E-02	1.7	NS	NS
NM_001159516	<i>Qk</i>	D2	1.08E-02	1.2	NS	NS
NM_026677	<i>Rab13</i>	D2	3.19E-02	1.6	NS	NS
NM_029494	<i>Rab30</i>	D2	1.71E-07	2.0	3.89E-07	2.0
NM_133685	<i>Rab31</i>	D2	1.76E-02	1.3	NS	NS
NM_175122	<i>Rab39b</i>	D2	NS	NS	4.51E-03	1.4
NM_029391	<i>Rab4b</i>	D2	9.61E-03	-1.5	NS	NS
NM_001038621	<i>Rabgap1l</i>	D2	3.25E-05	1.5	3.08E-05	1.5
NM_001199059	<i>Rabgef1</i>	D2	4.30E-02	-1.3	NS	NS
NM_133223	<i>Rac3</i>	D2	1.47E-02	-1.4	NS	NS
NM_001277938	<i>Rad51d</i>	D2	4.23E-02	1.6	NS	NS
NM_019491	<i>Rala</i>	D2	1.01E-02	-1.5	NS	NS
NM_001145834	<i>Rallds</i>	D2	1.96E-02	-1.4	NS	NS
NM_009391	<i>Ran</i>	D2	4.83E-03	-1.6	NS	NS
NM_001252466	<i>Ranbp3</i>	D2	NS	NS	2.22E-02	-1.4
NM_001099624	<i>Rapgef2</i>	D2	5.72E-11	2.0	4.97E-05	1.5

NM_175930	<i>Rapgef5</i>	D2	3.01E-02	1.4	NS	NS
NM_001252494	<i>Rapgef6</i>	D2	5.95E-09	2.4	3.30E-07	2.1
NM_001176528	<i>Rara</i>	D2	4.18E-05	-1.8	1.80E-03	-1.7
NM_009025	<i>Rasa3</i>	D2	4.31E-03	-1.6	7.51E-03	-1.6
NM_001166493	<i>Rasgrp3</i>	D2	NS	NS	3.95E-02	-1.5
NM_028234	<i>Rbm33</i>	D2	3.11E-03	1.5	1.41E-02	1.4
NM_001141981	<i>Rbm43</i>	D2	4.83E-03	1.5	1.25E-02	1.5
NM_001081549	<i>Rcan1</i>	D2	3.59E-02	1.3	NS	NS
NM_021557	<i>Rdh11</i>	D2	8.13E-03	-1.6	NS	NS
NM_030017	<i>Rdh12</i>	D2	NS	NS	1.88E-02	1.8
NM_001204931	<i>Reep6</i>	D2	2.94E-02	-1.5	NS	NS
NM_153793	<i>Rell2</i>	D2	1.04E-02	-1.4	NS	NS
NM_011261	<i>Reln</i>	D2	1.63E-02	-1.6	NS	NS
NM_024233	<i>Rexo2</i>	D2	6.44E-04	-1.7	NS	NS
NM_016846	<i>Rgl1</i>	D2	4.17E-02	1.3	NS	NS
NM_178615	<i>Rgmb</i>	D2	3.68E-02	-1.3	NS	NS
NM_009061	<i>Rgs2</i>	D2	NS	NS	4.15E-02	-1.9
NM_009062	<i>Rgs4</i>	D2	5.28E-03	1.6	NS	NS
NM_001165934	<i>Rgs9</i>	D2	3.22E-02	1.7	NS	NS
NM_146002	<i>Rhbdd2</i>	D2	2.66E-02	-1.5	3.66E-02	-1.5
NM_053075	<i>Rheb</i>	D2	3.70E-02	-1.3	NS	NS
NM_153514	<i>Rhobtb2</i>	D2	8.03E-04	-1.6	3.78E-03	-1.6
NM_175092	<i>Rhof</i>	D2	3.89E-03	-1.5	NS	NS
NM_001004193	<i>Rhox8</i>	D2	3.13E-02	1.4	NS	NS
NM_030168	<i>Rictor</i>	D2	4.12E-02	1.3	NS	NS
NM_001037915	<i>Ripply1</i>	D2	NS	NS	2.75E-02	1.8
NM_172612	<i>Rnd1</i>	D2	4.95E-05	-1.9	NS	NS
NM_144528	<i>Rnf126</i>	D2	8.50E-03	-1.3	NS	NS
NM_001166553	<i>Rnf145</i>	D2	1.17E-06	-1.7	2.19E-04	-1.5
NM_001289917	<i>Rora</i>	D2	3.55E-02	1.8	NS	NS
NM_001163461	<i>Rpap2</i>	D2	4.23E-02	1.4	NS	NS
NM_011286	<i>Rph3a</i>	D2	3.71E-02	-1.4	NS	NS
NM_133982	<i>Rpp25</i>	D2	8.01E-05	-2.0	9.31E-06	-2.2
NM_175109	<i>Rps19bp1</i>	D2	3.18E-02	-1.5	NS	NS
NM_146244	<i>Rps6kl1</i>	D2	2.43E-04	1.9	NS	NS
NM_199447	<i>Rrp12</i>	D2	1.08E-02	-1.7	NS	NS
NM_001159671	<i>Rsph6a</i>	D2	3.18E-02	1.5	NS	NS
NM_198620	<i>Rundc3b</i>	D2	1.31E-02	-1.3	NS	NS

NM_001111026	<i>Runx1t1</i>	D2	3.53E-02	-1.4	NS	NS
NM_001083807	<i>Rusc1</i>	D2	2.87E-02	-1.5	NS	NS
NM_178717	<i>Rxfp3</i>	D2	1.34E-02	-1.7	NS	NS
NM_010101	<i>S1pr3</i>	D2	4.48E-02	-1.7	NS	NS
NM_001081415	<i>Samd1</i>	D2	1.24E-03	-1.7	NS	NS
NM_172676	<i>Samd10</i>	D2	1.39E-02	-1.7	NS	NS
NM_001037221	<i>Samd4</i>	D2	1.36E-03	1.8	NS	NS
NM_001168521	<i>Sarm1</i>	D2	3.76E-02	-1.6	NS	NS
NM_016926	<i>Sart3</i>	D2	3.87E-02	-1.5	NS	NS
NM_145587	<i>Sbk1</i>	D2	2.12E-03	-1.7	NS	NS
NM_001008422	<i>Scaf1</i>	D2	3.79E-02	-1.5	NS	NS
NM_011886	<i>Scamp3</i>	D2	1.75E-02	-1.6	NS	NS
NM_020255	<i>Scand1</i>	D2	3.84E-02	-1.6	NS	NS
NM_172604	<i>Scara3</i>	D2	1.74E-02	1.5	4.62E-02	1.5
NM_009129	<i>Scg2</i>	D2	5.50E-04	1.4	4.13E-02	1.3
NM_009136	<i>Scrg1</i>	D2	1.01E-02	1.4	NS	NS
NM_130893	<i>Scrt1</i>	D2	7.65E-03	-1.7	NS	NS
NM_023912	<i>Scyl1</i>	D2	1.20E-02	-1.5	NS	NS
NM_011521	<i>Sdc4</i>	D2	1.30E-06	3.0	3.75E-03	2.1
NM_025468	<i>Sec11c</i>	D2	4.52E-02	-1.3	NS	NS
NM_024206	<i>Sec13</i>	D2	3.42E-02	-1.5	4.27E-02	-1.5
NM_153055	<i>Sec63</i>	D2	2.04E-02	1.4	NS	NS
NM_009151	<i>Selplg</i>	D2	1.11E-02	1.9	NS	NS
NM_001126047	<i>Sema4c</i>	D2	3.68E-02	-1.4	NS	NS
NM_001042613	<i>Sepp1</i>	D2	3.91E-02	1.4	NS	NS
NM_008458	<i>Serpina3c</i>	D2	5.25E-04	2.1	NS	NS
NM_001177794	<i>Sertad4</i>	D2	NS	NS	1.88E-02	1.5
NM_030261	<i>Sesn3</i>	D2	4.24E-08	1.8	2.47E-03	1.5
NM_001040398	<i>Setd1b</i>	D2	NS	NS	4.62E-02	-1.5
NM_001035123	<i>Setd6</i>	D2	2.13E-02	-1.6	NS	NS
NM_080793	<i>Setd7</i>	D2	4.95E-02	1.5	NS	NS
NM_021286	<i>Sez6</i>	D2	1.24E-03	-1.6	NS	NS
NM_153053	<i>Sf3b4</i>	D2	1.42E-02	-1.5	NS	NS
NM_134114	<i>Sft2d1</i>	D2	NS	NS	2.50E-02	-1.4
NM_029339	<i>Sgf29</i>	D2	4.19E-02	-1.4	NS	NS
NM_001168525	<i>Sgms1</i>	D2	7.67E-03	1.9	NS	NS
NM_001162965	<i>Sgsm1</i>	D2	1.34E-02	-1.4	NS	NS
NM_134091	<i>Sgsm3</i>	D2	3.08E-02	-1.5	NS	NS

NM_009167	<i>Shc3</i>	D2	3.00E-05	-1.5	1.32E-02	-1.3
NM_138676	<i>Shkbp1</i>	D2	2.99E-02	-1.6	NS	NS
NM_001252316	<i>Shmt2</i>	D2	7.91E-03	-1.5	NS	NS
NM_001168505	<i>Shoc2</i>	D2	1.88E-04	-1.3	NS	NS
NM_001286538	<i>Sigmar1</i>	D2	1.59E-03	-1.5	NS	NS
NM_010831	<i>Sik1</i>	D2	2.86E-04	-1.7	2.24E-02	-1.5
NM_176987	<i>Simc1</i>	D2	3.18E-02	-1.5	NS	NS
NM_001110350	<i>Sin3a</i>	D2	3.13E-02	-1.3	NS	NS
NM_001039090	<i>Skil</i>	D2	4.69E-02	1.3	NS	NS
NM_027921	<i>Slc16a14</i>	D2	4.20E-02	1.4	2.46E-02	1.5
NM_001029842	<i>Slc16a6</i>	D2	4.23E-06	2.9	NS	NS
NM_018861	<i>Slc1a4</i>	D2	2.51E-02	-1.3	NS	NS
NM_001159593	<i>Slc20a1</i>	D2	3.00E-03	-1.4	1.95E-02	-1.4
NM_001033167	<i>Slc22a23</i>	D2	4.14E-02	-1.3	NS	NS
NM_001110240	<i>Slc24a2</i>	D2	3.64E-03	1.7	NS	NS
NM_153150	<i>Slc25a1</i>	D2	7.15E-04	-1.6	NS	NS
NM_023596	<i>Slc29a3</i>	D2	3.66E-02	1.4	3.15E-02	1.4
NM_011400	<i>Slc2a1</i>	D2	3.83E-03	1.7	1.61E-02	1.7
NM_172479	<i>Slc38a5</i>	D2	1.57E-02	-1.5	NS	NS
NM_001037717	<i>Slc38a6</i>	D2	1.37E-02	1.5	3.28E-02	1.4
NM_001012305	<i>Slc39a12</i>	D2	2.68E-06	2.2	NS	NS
NM_001199283	<i>Slc43a2</i>	D2	8.16E-04	1.7	1.65E-03	1.7
NM_001081263	<i>Slc44a5</i>	D2	6.70E-04	1.6	6.75E-05	1.8
NM_029643	<i>Slc52a2</i>	D2	1.70E-02	-1.5	NS	NS
NM_001142809	<i>Slc6a8</i>	D2	4.79E-02	1.3	NS	NS
NM_017394	<i>Slc7a10</i>	D2	3.18E-02	1.4	NS	NS
NM_012030	<i>Slc9a3r1</i>	D2	5.31E-03	-1.5	NS	NS
NM_177909	<i>Slc9a9</i>	D2	2.43E-04	1.7	NS	NS
NM_001038643	<i>Slco3a1</i>	D2	3.91E-04	-1.6	1.07E-04	-1.7
NM_148933	<i>Slco4a1</i>	D2	3.68E-02	-1.6	NS	NS
NM_025690	<i>Sltm</i>	D2	4.51E-02	-1.3	2.34E-02	-1.4
NM_008539	<i>Smad1</i>	D2	8.41E-04	1.5	NS	NS
NM_001252481	<i>Smad2</i>	D2	1.39E-04	-1.7	4.83E-03	-1.6
NM_028534	<i>Smap1</i>	D2	9.14E-03	-1.3	NS	NS
NM_008017	<i>Smc2</i>	D2	3.64E-02	-1.5	NS	NS
NM_134133	<i>Smim3</i>	D2	NS	NS	1.50E-02	2.0
NM_009214	<i>Sms</i>	D2	3.30E-02	-1.3	NS	NS
NM_026796	<i>Smyd2</i>	D2	4.64E-03	-1.4	NS	NS

NM_144918	<i>Smyd5</i>	D2	7.83E-03	-1.6	NS	NS
NM_133968	<i>Snape2</i>	D2	2.92E-02	-1.5	NS	NS
NM_183316	<i>Snape5</i>	D2	3.55E-02	1.4	NS	NS
NM_001190156	<i>Snx7</i>	D2	NS	NS	3.47E-02	-1.4
NM_001168655	<i>Socs2</i>	D2	7.82E-05	-1.8	NS	NS
NM_001034962	<i>Sorbs1</i>	D2	1.91E-02	1.3	NS	NS
NM_146126	<i>Sord</i>	D2	4.10E-02	1.5	NS	NS
NM_011447	<i>Sox8</i>	D2	1.97E-02	1.8	NS	NS
NM_001025428	<i>Spag9</i>	D2	1.34E-02	1.3	NS	NS
NM_001172561	<i>Sphk2</i>	D2	2.63E-03	-1.7	NS	NS
NM_182927	<i>Spred3</i>	D2	2.42E-06	-2.7	2.95E-05	-2.5
NM_011898	<i>Spry4</i>	D2	2.27E-07	-2.6	4.25E-05	-2.2
NM_029035	<i>Spsb1</i>	D2	2.95E-02	1.8	NS	NS
NM_011479	<i>Sptlc2</i>	D2	NS	NS	2.23E-02	-1.4
NM_009270	<i>Sqle</i>	D2	2.64E-08	-2.1	2.35E-06	-1.9
NM_033218	<i>Srebf2</i>	D2	4.19E-04	-1.3	5.27E-03	-1.3
NM_020493	<i>Srf</i>	D2	4.54E-02	-1.5	2.39E-02	-1.6
NM_001081037	<i>Srgap1</i>	D2	3.16E-05	-1.8	1.29E-04	-1.8
NM_001081011	<i>Srgap2</i>	D2	2.76E-02	-1.2	NS	NS
NM_009272	<i>Srm</i>	D2	1.92E-05	-1.6	1.53E-02	-1.4
NM_016795	<i>Srpkl</i>	D2	4.92E-03	-1.5	2.35E-03	-1.6
NM_001109909	<i>Srrt</i>	D2	6.23E-04	-1.6	NS	NS
NM_011358	<i>Srsf2</i>	D2	4.71E-07	-1.9	1.67E-03	-1.5
NM_001195485	<i>Srsf7</i>	D2	6.03E-04	-1.8	1.34E-02	-1.6
NM_178750	<i>Ss18l1</i>	D2	7.31E-05	-1.6	NS	NS
NM_026155	<i>Ssr3</i>	D2	2.47E-03	1.4	NS	NS
NM_020491	<i>Sssca1</i>	D2	4.62E-02	-1.4	NS	NS
NM_009177	<i>St3gal1</i>	D2	8.43E-03	-2.0	NS	NS
NM_012028	<i>St6galnac5</i>	D2	1.94E-04	-1.5	NS	NS
NM_001159745	<i>St8sia4</i>	D2	7.72E-03	-1.6	NS	NS
NM_133774	<i>Stard4</i>	D2	2.70E-05	-2.1	7.59E-04	-1.9
NM_016737	<i>Stip1</i>	D2	NS	NS	3.99E-03	-1.5
NM_022416	<i>Stk32b</i>	D2	1.11E-02	-1.6	NS	NS
NM_009133	<i>Stmn3</i>	D2	3.89E-02	-1.3	NS	NS
NM_019675	<i>Stmn4</i>	D2	4.28E-02	1.4	1.18E-02	1.6
NM_153563	<i>Strip1</i>	D2	5.74E-06	-1.6	3.37E-05	-1.5
NM_019719	<i>Stub1</i>	D2	2.47E-03	-1.5	NS	NS
NM_001114611	<i>Stxbp5l</i>	D2	2.06E-04	1.6	NS	NS

NM_001168290	<i>Sugp2</i>	D2	8.59E-04	-1.6	NS	NS
NM_133670	<i>Sult1a1</i>	D2	4.23E-02	2.1	NS	NS
NM_019995	<i>Supt20</i>	D2	NS	NS	2.81E-03	-1.7
NM_013678	<i>Surf2</i>	D2	9.60E-03	-1.4	NS	NS
NM_009300	<i>Svs4</i>	D2	5.06E-03	1.8	NS	NS
NM_153399	<i>Syne1</i>	D2	5.62E-03	1.5	NS	NS
NM_018803	<i>Syt10</i>	D2	8.46E-03	1.9	NS	NS
NM_018804	<i>Syt11</i>	D2	1.65E-02	1.3	NS	NS
NM_001285857	<i>Syt8</i>	D2	1.54E-02	1.6	NS	NS
NM_001040085	<i>Sytl2</i>	D2	1.09E-03	1.9	1.12E-02	1.8
NM_025609	<i>Tab1</i>	D2	2.43E-02	-1.5	NS	NS
NM_030245	<i>Tada1</i>	D2	7.37E-03	-1.5	NS	NS
NM_001177798	<i>Taf6l</i>	D2	2.82E-02	-1.6	NS	NS
NM_033074	<i>Tars</i>	D2	1.11E-02	-1.4	NS	NS
NM_009321	<i>Tbca</i>	D2	4.62E-02	-1.4	NS	NS
NM_025548	<i>Tbcb</i>	D2	9.84E-03	-1.4	NS	NS
NM_001289689	<i>Tbpl2</i>	D2	NS	NS	2.87E-02	2.0
NM_146008	<i>Tcp11l2</i>	D2	4.28E-02	1.5	NS	NS
NM_028354	<i>Tdp1</i>	D2	1.82E-02	-1.3	NS	NS
NM_001163661	<i>Telo2</i>	D2	2.99E-02	-1.5	NS	NS
NM_011571	<i>Tesk1</i>	D2	4.75E-04	-1.4	NS	NS
NM_001289603	<i>Tfcp2</i>	D2	NS	NS	1.58E-02	-1.5
NM_001289550	<i>Tgfb1i1</i>	D2	1.01E-02	-1.7	1.37E-03	-2.0
NM_009381	<i>Thrsp</i>	D2	NS	NS	2.63E-02	1.7
NM_145585	<i>Thumpd1</i>	D2	3.98E-02	-1.4	NS	NS
NM_174989	<i>Ticam1</i>	D2	NS	NS	3.78E-03	2.1
NM_177003	<i>Tigar</i>	D2	2.32E-03	-1.8	2.17E-02	-1.7
NM_011591	<i>Timm17b</i>	D2	1.14E-02	-1.5	NS	NS
NM_205820	<i>Tlr13</i>	D2	2.50E-03	2.6	NS	NS
NM_133211	<i>Tlr7</i>	D2	1.27E-04	2.5	NS	NS
NM_026617	<i>Tmbim4</i>	D2	2.15E-02	1.3	NS	NS
NM_178638	<i>Tmem108</i>	D2	2.15E-02	-1.4	2.62E-02	-1.5
NM_001039723	<i>Tmem120b</i>	D2	4.59E-02	-1.5	NS	NS
NM_027495	<i>Tmem144</i>	D2	1.40E-02	1.6	NS	NS
NM_011626	<i>Tmem165</i>	D2	2.34E-02	-1.3	NS	NS
NM_172049	<i>Tmem18</i>	D2	NS	NS	6.01E-03	1.4
NM_001160385	<i>Tmem196</i>	D2	4.10E-05	2.1	NS	NS
NM_177344	<i>Tmem203</i>	D2	6.58E-03	-1.7	NS	NS

NM_144525	<i>Tmem214</i>	D2	3.83E-02	-1.3	2.90E-02	-1.4
NM_001162901	<i>Tmem217</i>	D2	3.88E-02	1.6	NS	NS
NM_029748	<i>Tmem234</i>	D2	1.34E-02	-1.5	NS	NS
NM_029384	<i>Tmem238</i>	D2	1.06E-02	-1.6	NS	NS
NM_199305	<i>Tmem39b</i>	D2	2.99E-02	-1.5	NS	NS
NM_028766	<i>Tmem43</i>	D2	NS	NS	3.04E-02	1.4
NM_001033394	<i>Tmem88b</i>	D2	3.99E-02	2.1	NS	NS
NM_133706	<i>Tmem97</i>	D2	5.63E-05	-2.1	2.35E-02	-1.7
NM_029537	<i>Tmem98</i>	D2	2.71E-02	1.8	NS	NS
NM_027902	<i>Tmprss6</i>	D2	3.55E-02	1.7	NS	NS
NM_011607	<i>Tnc</i>	D2	3.70E-05	-1.9	4.05E-03	-1.6
NM_001033535	<i>Tnfrsf8l3</i>	D2	NS	NS	2.43E-02	-1.6
NM_001161746	<i>Tnfrsf12a</i>	D2	4.04E-02	1.6	NS	NS
NM_001048267	<i>Tnpo1</i>	D2	1.09E-03	1.5	7.15E-03	1.4
NM_001109748	<i>Tomm40</i>	D2	1.76E-04	-1.5	NS	NS
NM_026485	<i>Trabd</i>	D2	2.07E-02	-1.5	NS	NS
NM_021502	<i>Trappc2l</i>	D2	1.16E-02	-1.5	NS	NS
NM_021789	<i>Trappc4</i>	D2	2.40E-03	-1.5	NS	NS
NM_001164641	<i>Trappc9</i>	D2	2.39E-05	-1.6	NS	NS
NM_144551	<i>Trib2</i>	D2	1.19E-02	-1.5	NS	NS
NM_009054	<i>Trim27</i>	D2	4.51E-02	-1.4	NS	NS
NM_029979	<i>Trim35</i>	D2	7.59E-03	-1.4	NS	NS
NM_001170855	<i>Trim36</i>	D2	6.63E-04	-2.4	NS	NS
NM_001039466	<i>Trim46</i>	D2	2.23E-04	-1.7	NS	NS
NM_178110	<i>Trim62</i>	D2	1.00E-03	-1.7	1.93E-02	-1.5
NM_198632	<i>Trim67</i>	D2	2.12E-03	-1.8	NS	NS
NM_001167994	<i>Trmt2b</i>	D2	7.85E-03	1.8	NS	NS
NM_001099792	<i>Trmt61a</i>	D2	1.44E-02	-1.6	NS	NS
NM_001127233	<i>Trp53</i>	D2	3.10E-03	-1.5	6.06E-03	-1.5
NM_013735	<i>Trp53bp1</i>	D2	8.06E-03	-1.5	NS	NS
NM_173378	<i>Trp53bp2</i>	D2	1.63E-02	1.5	NS	NS
NM_012035	<i>Trpc7</i>	D2	1.21E-02	-2.0	NS	NS
NM_001077364	<i>Tsc22d3</i>	D2	4.87E-02	1.5	1.05E-02	1.8
NM_001024619	<i>Tsku</i>	D2	1.63E-02	-1.8	NS	NS
NM_145928	<i>Tspan14</i>	D2	3.27E-02	-1.3	NS	NS
NM_197996	<i>Tspan15</i>	D2	2.85E-03	1.7	NS	NS
NM_025982	<i>Tspan31</i>	D2	3.46E-02	1.3	NS	NS
NM_001252588	<i>Tspan4</i>	D2	5.34E-03	-1.6	NS	NS

NM_028417	<i>Ttc9b</i>	D2	1.21E-02	-1.7	NS	NS
NM_023279	<i>Tubb3</i>	D2	3.01E-03	-1.4	NS	NS
NM_146116	<i>Tubb4b</i>	D2	1.58E-05	-1.6	1.60E-02	-1.4
NM_011655	<i>Tubb5</i>	D2	1.57E-02	-1.2	NS	NS
NM_172597	<i>Txndc16</i>	D2	1.19E-02	1.4	NS	NS
NM_001009935	<i>Txnip</i>	D2	8.13E-07	3.9	7.99E-05	3.1
NM_001163769	<i>U2af1</i>	D2	7.91E-03	-1.5	NS	NS
NM_133806	<i>Uap1</i>	D2	1.34E-02	-1.3	NS	NS
NM_176860	<i>Ubash3b</i>	D2	1.19E-02	-1.6	NS	NS
NM_026454	<i>Ube2f</i>	D2	3.18E-02	-1.3	NS	NS
NM_001169576	<i>Ube2h</i>	D2	1.82E-05	1.7	6.49E-03	1.4
NM_001168469	<i>Ube2m</i>	D2	3.50E-02	-1.2	NS	NS
NM_001145162	<i>Ube2ql1</i>	D2	2.36E-06	-1.5	3.87E-03	-1.4
NM_030724	<i>Uck2</i>	D2	NS	NS	2.11E-03	-1.4
NM_031250	<i>Ucn3</i>	D2	2.41E-02	1.6	NS	NS
NM_011673	<i>Ugcg</i>	D2	NS	NS	1.85E-02	-1.3
NM_011674	<i>Ugt8a</i>	D2	2.79E-02	1.8	NS	NS
NM_029770	<i>Unc5b</i>	D2	1.70E-02	-1.4	NS	NS
NM_025710	<i>Uqcrfs1</i>	D2	3.55E-02	-1.3	NS	NS
NM_009462	<i>Usp10</i>	D2	1.57E-03	-1.4	3.87E-03	-1.4
NM_183225	<i>Usp24</i>	D2	1.45E-02	-1.4	NS	NS
NM_019461	<i>Usp27x</i>	D2	2.41E-02	-1.5	NS	NS
NM_173754	<i>Usp43</i>	D2	2.67E-04	-2.1	NS	NS
NM_152825	<i>Usp45</i>	D2	2.95E-02	1.6	NS	NS
NM_030180	<i>Usp54</i>	D2	4.12E-03	1.7	NS	NS
NM_001013375	<i>Utp18</i>	D2	6.03E-04	-1.6	NS	NS
NM_175158	<i>Utp20</i>	D2	7.83E-03	-1.7	1.10E-02	-1.7
NM_146216	<i>Vac14</i>	D2	2.28E-02	-1.4	3.22E-03	-1.5
NM_013933	<i>Vapa</i>	D2	3.23E-02	-1.2	NS	NS
NM_177354	<i>Vash1</i>	D2	3.97E-02	-1.6	NS	NS
NM_001282021	<i>Vasp</i>	D2	3.51E-02	-1.6	NS	NS
NM_012037	<i>Vat1</i>	D2	5.92E-05	-1.8	NS	NS
NM_009500	<i>Vav2</i>	D2	1.97E-03	-1.6	NS	NS
NM_001185164	<i>Vegfb</i>	D2	3.06E-02	-1.5	NS	NS
NM_001039385	<i>Vgf</i>	D2	2.40E-06	-2.9	8.81E-03	-2.0
NM_001104623	<i>Vmn2r12</i>	D2	4.56E-02	1.7	NS	NS
NM_029478	<i>Vmp1</i>	D2	7.75E-03	1.4	NS	NS
NM_145967	<i>Vstm2a</i>	D2	NS	NS	8.57E-03	-1.3

NM_027906	<i>Vwa8</i>	D2	4.97E-02	1.4	NS	NS
NM_175450	<i>Wdr18</i>	D2	1.35E-02	-1.5	NS	NS
NM_172372	<i>Wdr45</i>	D2	3.56E-02	1.5	NS	NS
NM_020603	<i>Wdr46</i>	D2	2.74E-02	-1.6	1.68E-02	-1.7
NM_134139	<i>Wdr74</i>	D2	3.18E-02	-1.4	1.90E-02	-1.4
NM_001011874	<i>Xkr4</i>	D2	1.94E-02	1.4	3.10E-02	1.4
NM_001011732	<i>Xkr7</i>	D2	4.22E-02	-1.6	NS	NS
NM_001081642	<i>Xlr4a</i>	D2	3.49E-02	1.7	NS	NS
NM_001035226	<i>Xpo1</i>	D2	NS	NS	3.76E-02	1.4
NM_175645	<i>Xylt1</i>	D2	4.54E-02	-1.3	NS	NS
NM_026940	<i>Ydjc</i>	D2	4.22E-02	-1.6	NS	NS
NM_001005342	<i>Ypel4</i>	D2	3.54E-06	3.0	5.26E-05	2.7
NM_027166	<i>Ypel5</i>	D2	NS	NS	6.14E-03	1.4
NM_153566	<i>Yrdc</i>	D2	7.59E-03	-1.7	NS	NS
NM_001163013	<i>Ythdc2</i>	D2	2.97E-03	-1.7	NS	NS
NM_173761	<i>Ythdf1</i>	D2	3.18E-02	-1.5	NS	NS
NM_028106	<i>Zbed3</i>	D2	2.01E-02	1.4	NS	NS
NM_001033324	<i>Zbtb16</i>	D2	1.28E-03	2.0	NS	NS
NM_001033466	<i>Zbtb2</i>	D2	1.69E-02	-1.5	NS	NS
NM_001100460	<i>Zbtb42</i>	D2	2.69E-02	1.8	NS	NS
NM_001115130	<i>Zbtb44</i>	D2	1.13E-02	1.4	NS	NS
NM_173181	<i>Zc2hc1a</i>	D2	3.71E-02	-1.3	5.17E-03	-1.4
NM_029888	<i>Zfp142</i>	D2	9.60E-03	-1.4	NS	NS
NM_001253694	<i>Zfp219</i>	D2	2.82E-02	-1.6	NS	NS
NM_175247	<i>Zfp28</i>	D2	1.55E-02	-1.8	NS	NS
NM_013866	<i>Zfp385a</i>	D2	3.36E-02	-1.5	NS	NS
NM_001110309	<i>Zfp426</i>	D2	1.84E-03	1.6	3.78E-03	1.6
NM_001013777	<i>Zfp488</i>	D2	8.06E-03	2.0	NS	NS
NM_207255	<i>Zfp532</i>	D2	2.88E-03	1.5	1.64E-02	1.4
NM_172385	<i>Zfp536</i>	D2	4.33E-02	-1.5	NS	NS
NM_026741	<i>Zfp579</i>	D2	4.25E-02	-1.5	NS	NS
NM_001145999	<i>Zfp710</i>	D2	4.64E-02	-1.5	NS	NS
NM_001267583	<i>Zfp811</i>	D2	8.13E-03	1.5	2.78E-02	1.5
NM_146231	<i>Zfp825</i>	D2	3.84E-02	1.3	NS	NS
NM_173387	<i>Zfp879</i>	D2	1.01E-02	1.6	NS	NS
NM_001105557	<i>Zfp938</i>	D2	2.12E-02	1.4	NS	NS
NM_001177985	<i>Zmym3</i>	D2	NS	NS	2.90E-02	-1.5
NM_001252584	<i>Zmynd8</i>	D2	2.04E-04	1.8	2.36E-03	1.7

NM_028028	<i>Zswim1</i>	D2	1.08E-02	-1.5	NS	NS
NM_001033634	<i>Zyg11b</i>	D2	NS	NS	4.73E-02	-1.2
NM_175149	<i>2310022B05Rik</i>	BXD2	3.68E-03	1.7	NS	NS
NR_045177	<i>2900055J20Rik</i>	BXD2	NS	NS	3.62E-02	1.6
NM_001167925	<i>A730017C20Rik</i>	BXD2	NS	NS	6.37E-03	1.3
NR_015488	<i>A930003A15Rik</i>	BXD2	NS	NS	4.78E-02	1.8
NR_033609	<i>A930017M01Rik</i>	BXD2	3.79E-03	1.8	NS	NS
NM_030210	<i>Aacs</i>	BXD2	2.20E-03	-1.6	1.24E-02	-1.6
NM_013851	<i>Abca8b</i>	BXD2	1.76E-03	2.1	NS	NS
NM_153151	<i>Acat3</i>	BXD2	NS	NS	3.50E-02	-1.4
NM_001276719	<i>Ackr2</i>	BXD2	NS	NS	2.05E-02	-2.0
NM_001199296	<i>Acly</i>	BXD2	NS	NS	1.03E-02	-1.4
NM_001205385	<i>Actr3</i>	BXD2	NS	NS	4.60E-02	-1.2
NM_178162	<i>Agfg2</i>	BXD2	2.39E-02	-1.7	NS	NS
NM_001172146	<i>Aimp2</i>	BXD2	4.92E-02	-1.6	NS	NS
NM_025538	<i>Alkbh7</i>	BXD2	2.05E-02	-1.5	NS	NS
NM_019764	<i>Amotl2</i>	BXD2	NS	NS	4.54E-03	1.9
NM_001276301	<i>Ampd3</i>	BXD2	1.46E-02	1.7	NS	NS
NM_020581	<i>Angptl4</i>	BXD2	7.69E-03	2.0	NS	NS
NM_026674	<i>Aph1c</i>	BXD2	2.93E-02	1.5	NS	NS
NM_023598	<i>Arid5b</i>	BXD2	1.57E-04	1.8	NS	NS
NM_001042591	<i>Arrdc3</i>	BXD2	3.11E-06	2.5	1.87E-03	2.0
NM_001042592	<i>Arrdc4</i>	BXD2	2.17E-02	1.7	NS	NS
NM_026217	<i>Atg12</i>	BXD2	1.90E-03	1.4	NS	NS
NM_001199304	<i>Atxn1</i>	BXD2	4.90E-02	1.4	NS	NS
NM_016847	<i>Avpr1a</i>	BXD2	NS	NS	4.34E-03	-2.0
NM_001122993	<i>B3galt5</i>	BXD2	5.39E-03	1.7	NS	NS
NM_001169114	<i>B3gnt2</i>	BXD2	1.07E-02	1.7	NS	NS
NM_001159407	<i>B3gnt5</i>	BXD2	7.63E-03	1.7	NS	NS
NM_019835	<i>B4galt5</i>	BXD2	NS	NS	4.06E-03	-1.6
NM_175325	<i>Bbs4</i>	BXD2	1.65E-02	1.3	NS	NS
NM_001284410	<i>Bcl2l11</i>	BXD2	7.99E-05	2.4	1.88E-03	2.2
NM_029933	<i>Bcl9</i>	BXD2	2.73E-02	-1.3	NS	NS
NM_001141922	<i>Bean1</i>	BXD2	NS	NS	3.79E-02	-1.4
NM_173404	<i>Bmp3</i>	BXD2	1.85E-02	-1.8	NS	NS
NM_007570	<i>Btg2</i>	BXD2	6.13E-06	2.3	1.30E-02	1.8
NM_009779	<i>C3ar1</i>	BXD2	NS	NS	2.78E-02	1.8
NM_144817	<i>Camk1g</i>	BXD2	2.70E-02	-1.4	NS	NS

NM_177716	<i>Ccdc184</i>	BXD2	2.76E-02	-1.5	NS	NS
NM_144820	<i>Ccdc28a</i>	BXD2	4.92E-02	1.8	NS	NS
NM_007681	<i>Cenpa</i>	BXD2	2.80E-02	1.7	NS	NS
NM_001159364	<i>Cep97</i>	BXD2	3.44E-02	1.6	NS	NS
NM_001081345	<i>Chd2</i>	BXD2	3.73E-02	1.4	NS	NS
NM_025854	<i>Cir1</i>	BXD2	1.51E-03	1.5	NS	NS
NM_001243762	<i>Clcn5</i>	BXD2	2.76E-02	1.6	2.05E-02	1.7
NM_024217	<i>Cmtm3</i>	BXD2	NS	NS	2.82E-02	1.4
NM_001163126	<i>Cog5</i>	BXD2	4.21E-02	1.4	NS	NS
NM_009898	<i>Coro1a</i>	BXD2	4.15E-02	-1.6	NS	NS
NM_001252525	<i>Cpeb1</i>	BXD2	1.06E-02	2.0	NS	NS
NM_172728	<i>Creb5</i>	BXD2	3.79E-03	2.0	NS	NS
NM_001110850	<i>Crem</i>	BXD2	2.89E-04	2.0	NS	NS
NM_007762	<i>Crhr1</i>	BXD2	1.07E-04	-2.2	2.82E-02	-1.7
NM_016748	<i>Ctps</i>	BXD2	NS	NS	4.57E-02	-1.5
NM_009994	<i>Cyp1b1</i>	BXD2	NS	NS	2.78E-02	2.2
NM_028979	<i>Cyp2j9</i>	BXD2	3.38E-03	1.9	4.57E-02	1.7
NM_001285947	<i>Cyp39a1</i>	BXD2	3.99E-02	1.8	NS	NS
NM_020010	<i>Cyp51</i>	BXD2	2.07E-03	-1.5	1.23E-03	-1.5
NM_010516	<i>Cyr61</i>	BXD2	NS	NS	1.86E-02	1.8
NM_001252457	<i>Ddx39b</i>	BXD2	4.92E-02	-1.3	NS	NS
NM_172733	<i>Dera</i>	BXD2	4.48E-03	1.9	NS	NS
NM_053272	<i>Dhcr24</i>	BXD2	1.83E-10	-1.9	5.57E-03	-1.4
NM_001163026	<i>Dnajc13</i>	BXD2	1.43E-02	-1.5	NS	NS
NM_009584	<i>Dnajc2</i>	BXD2	2.70E-02	-1.4	2.67E-02	-1.5
NM_001285807	<i>Dtna</i>	BXD2	4.11E-04	1.4	NS	NS
NM_013642	<i>Dusp1</i>	BXD2	3.74E-08	2.5	1.46E-06	2.3
NM_001048054	<i>Dusp16</i>	BXD2	1.62E-03	2.0	1.36E-02	1.8
NM_008748	<i>Dusp8</i>	BXD2	3.77E-06	1.5	6.93E-03	1.4
NM_010104	<i>Edn1</i>	BXD2	2.70E-02	2.4	NS	NS
NM_001289925	<i>Egr3</i>	BXD2	1.27E-02	-1.8	1.41E-02	-1.9
NM_198303	<i>Eif5b</i>	BXD2	NS	NS	3.24E-02	-1.4
NM_001253692	<i>Elmod3</i>	BXD2	3.72E-03	1.6	2.05E-02	1.5
NM_130450	<i>Elovl6</i>	BXD2	NS	NS	2.05E-02	-1.4
NM_023794	<i>Etv5</i>	BXD2	1.86E-02	-1.6	NS	NS
NM_183187	<i>Fam107a</i>	BXD2	3.40E-07	3.9	1.46E-03	2.6
NM_178908	<i>Fam26e</i>	BXD2	4.92E-02	1.6	5.70E-03	1.8
NM_175104	<i>Fam53c</i>	BXD2	4.73E-04	2.0	2.66E-02	1.7

NM_178797	<i>Far2</i>	BXD2	NS	NS	1.70E-03	-1.5
NM_026346	<i>Fbxo32</i>	BXD2	8.64E-03	2.1	NS	NS
NM_010191	<i>Fdft1</i>	BXD2	1.35E-07	-1.6	1.34E-06	-1.6
NM_001253751	<i>Fdps</i>	BXD2	2.85E-02	-1.5	NS	NS
NM_001163215	<i>Fgfr3</i>	BXD2	6.85E-04	1.9	1.41E-02	1.7
NM_001164259	<i>Fgfrl1</i>	BXD2	3.32E-02	-1.5	NS	NS
NM_022009	<i>Flii</i>	BXD2	NS	NS	1.26E-02	-1.6
NM_001159706	<i>Folh1</i>	BXD2	1.71E-02	2.0	NS	NS
NM_028058	<i>Fundc1</i>	BXD2	3.73E-02	1.4	NS	NS
NM_028022	<i>Gatsl3</i>	BXD2	2.80E-02	2.0	4.57E-02	2.0
ENSMUST0000						NS
0178468	<i>Gm21907</i>	BXD2	1.68E-02	2.6	NS	
NM_001035122	<i>Golm1</i>	BXD2	3.98E-02	1.5	NS	NS
NM_027518	<i>Gpr137c</i>	BXD2	9.10E-08	2.1	1.14E-08	2.3
NM_010338	<i>Gpr37</i>	BXD2	7.38E-03	1.7	NS	NS
NM_010287	<i>Gpr83</i>	BXD2	2.90E-02	2.1	NS	NS
NM_145066	<i>Gpr85</i>	BXD2	4.21E-02	1.4	NS	NS
NM_153419	<i>Grwd1</i>	BXD2	3.09E-02	-1.8	NS	NS
NM_008185	<i>Gstt1</i>	BXD2	NS	NS	2.20E-02	1.9
NM_198962	<i>Hcrtr2</i>	BXD2	3.69E-02	-1.7	NS	NS
NM_010422	<i>Hexb</i>	BXD2	NS	NS	4.57E-02	1.4
NM_008252	<i>Hmgb2</i>	BXD2	8.40E-04	1.9	NS	NS
NM_008255	<i>Hmgcr</i>	BXD2	3.40E-07	-2.0	5.33E-03	-1.6
NM_013751	<i>Hrasls</i>	BXD2	4.68E-02	1.8	NS	NS
NM_053262	<i>Hsd17b11</i>	BXD2	2.49E-02	1.5	NS	NS
NM_010476	<i>Hsd17b7</i>	BXD2	6.62E-07	-2.0	1.13E-05	-1.9
NM_001002012	<i>Hspa2</i>	BXD2	3.79E-03	1.8	NS	NS
NM_008300	<i>Hspa4</i>	BXD2	2.70E-02	-1.3	NS	NS
NM_019564	<i>Htra1</i>	BXD2	7.52E-03	1.7	NS	NS
NM_031166	<i>Id4</i>	BXD2	1.65E-02	2.1	NS	NS
NM_145360	<i>Idi1</i>	BXD2	1.20E-07	-2.1	4.36E-07	-2.1
NM_001162884	<i>Igsf10</i>	BXD2	NS	NS	2.82E-02	1.7
NM_008360	<i>Il18</i>	BXD2	1.02E-02	1.4	NS	NS
NM_016671	<i>Il27ra</i>	BXD2	1.85E-03	-1.9	NS	NS
NM_023626	<i>Ing3</i>	BXD2	1.49E-04	1.6	NS	NS
NM_153526	<i>Insig1</i>	BXD2	1.66E-07	-2.4	1.46E-06	-2.3
NM_010591	<i>Jun</i>	BXD2	8.98E-14	3.4	1.93E-09	2.7
NM_001286944	<i>Jund</i>	BXD2	2.58E-04	1.7	5.16E-03	1.6

NM_001008785	<i>Kbtbd8</i>	BXD2	3.19E-02	-1.9	NS	NS
NM_001081134	<i>Kcng1</i>	BXD2	4.73E-04	-2.1	4.87E-02	-1.7
NM_172898	<i>Kirrel2</i>	BXD2	1.13E-02	1.9	NS	NS
NM_078477	<i>Klf16</i>	BXD2	1.76E-03	-1.7	2.14E-02	-1.6
NM_008457	<i>Klk1b8</i>	BXD2	NS	NS	1.95E-02	1.7
NM_010655	<i>Kpna2</i>	BXD2	NS	NS	3.18E-02	-1.5
NM_001252658	<i>Ldlr</i>	BXD2	2.07E-05	-2.5	3.02E-05	-2.5
NM_008494	<i>Lfn3</i>	BXD2	3.72E-03	1.6	NS	NS
NM_001113545	<i>Lima1</i>	BXD2	3.32E-02	1.6	NS	NS
NM_144862	<i>Lims2</i>	BXD2	4.49E-02	1.9	NS	NS
NM_177250	<i>Lingo4</i>	BXD2	1.73E-02	1.5	NS	NS
NM_201529	<i>Lmo7</i>	BXD2	4.61E-02	1.4	NS	NS
NM_181470	<i>Ltv1</i>	BXD2	1.73E-02	-1.7	NS	NS
NM_001252055	<i>Ly6c1</i>	BXD2	4.96E-02	2.0	NS	NS
NM_001045483	<i>Mapk1ip1</i>	BXD2	5.39E-03	1.4	3.29E-02	1.4
NM_016977	<i>Mc4r</i>	BXD2	1.10E-02	2.4	NS	NS
NM_008587	<i>Mertk</i>	BXD2	4.23E-02	1.9	2.82E-02	2.0
NM_026197	<i>Mettl16</i>	BXD2	NS	NS	2.82E-02	-1.6
NM_001252094	<i>Mettl20</i>	BXD2	2.76E-02	2.0	NS	NS
NM_029662	<i>Mfsd2a</i>	BXD2	3.44E-02	1.6	NS	NS
NM_001243584	<i>Mif4gd</i>	BXD2	1.96E-03	1.9	NS	NS
NM_025436	<i>Msmo1</i>	BXD2	6.62E-07	-2.4	4.36E-07	-2.5
NM_013602	<i>Mt1</i>	BXD2	3.62E-04	1.7	2.47E-04	1.7
NM_008630	<i>Mt2</i>	BXD2	2.35E-06	2.7	1.48E-05	2.6
NM_178051	<i>Mterf4</i>	BXD2	1.88E-02	1.6	NS	NS
NM_138656	<i>Mvd</i>	BXD2	1.84E-05	-2.2	2.45E-06	-2.4
NM_001008542	<i>Mxi1</i>	BXD2	8.64E-07	1.8	4.89E-05	1.6
NM_001162417	<i>Myef2</i>	BXD2	NS	NS	4.32E-02	-1.3
NM_001040395	<i>Nadk2</i>	BXD2	5.03E-05	1.6	NS	NS
NM_023239	<i>Ndnf2</i>	BXD2	7.47E-03	1.8	NS	NS
NM_001145959	<i>Ndr2</i>	BXD2	NS	NS	2.78E-02	1.3
NM_026742	<i>Ndufa4</i>	BXD2	9.35E-03	-1.5	NS	NS
NM_028757	<i>Nefl</i>	BXD2	2.93E-02	1.7	NS	NS
NM_145469	<i>Nipal2</i>	BXD2	3.67E-02	1.5	NS	NS
NM_001033367	<i>Nlrc4</i>	BXD2	4.68E-02	1.7	NS	NS
NM_138314	<i>Nme7</i>	BXD2	1.03E-02	1.5	NS	NS
NM_010941	<i>Nsdhl</i>	BXD2	NS	NS	3.62E-04	-1.5
NM_001161430	<i>Nxt2</i>	BXD2	2.80E-02	1.4	NS	NS

NM_178644	<i>Oaf</i>	BXD2	6.09E-03	2.2	1.59E-02	2.1
NM_146921	<i>Olfr1</i>	BXD2	4.11E-02	-1.7	NS	NS
NM_146742	<i>Olfr1316</i>	BXD2	NS	NS	6.77E-03	-2.1
NM_146583	<i>Olfr52</i>	BXD2	1.43E-03	-2.1	NS	NS
NM_146955	<i>Olfr60</i>	BXD2	NS	NS	3.56E-02	-1.8
NM_019409	<i>Omg</i>	BXD2	1.43E-02	1.4	NS	NS
NM_001134791	<i>Osbp19</i>	BXD2	1.07E-04	1.5	7.38E-05	1.5
NM_028829	<i>Paqr8</i>	BXD2	2.76E-02	1.4	4.87E-02	1.4
NM_001177980	<i>Pde4b</i>	BXD2	1.51E-02	1.4	NS	NS
NM_025954	<i>Pgp</i>	BXD2	NS	NS	4.81E-02	-1.5
NM_178149	<i>Pik3ip1</i>	BXD2	2.63E-06	2.4	NS	NS
NM_001024955	<i>Pik3r1</i>	BXD2	1.38E-08	1.8	2.12E-06	1.6
NM_181585	<i>Pik3r3</i>	BXD2	4.79E-03	1.5	NS	NS
NM_001033253	<i>Plekhg1</i>	BXD2	1.30E-04	1.9	9.22E-05	2.0
NM_013807	<i>Plk3</i>	BXD2	3.64E-03	-1.7	6.44E-03	-1.7
NM_133249	<i>Ppargc1b</i>	BXD2	NS	NS	4.57E-02	-1.7
NM_145404	<i>Prmt7</i>	BXD2	4.80E-02	-1.4	NS	NS
NM_201371	<i>Prmt8</i>	BXD2	NS	NS	1.26E-02	-1.3
NM_011201	<i>Ptpn1</i>	BXD2	7.63E-03	-1.4	NS	NS
NM_133198	<i>Pygl</i>	BXD2	NS	NS	2.82E-02	1.9
NM_029494	<i>Rab30</i>	BXD2	2.93E-06	1.9	6.77E-03	1.6
NM_001038621	<i>Rabgap11</i>	BXD2	1.05E-03	1.4	1.88E-02	1.3
NM_001099624	<i>Rapgef2</i>	BXD2	2.50E-06	1.6	1.67E-06	1.7
NM_001252494	<i>Rapgef6</i>	BXD2	1.19E-06	2.1	1.47E-03	1.7
NM_009025	<i>Rasa3</i>	BXD2	2.60E-02	-1.5	NS	NS
NM_178045	<i>Rassf4</i>	BXD2	NS	NS	1.91E-02	1.8
NM_001081549	<i>Rcan1</i>	BXD2	2.76E-02	1.4	NS	NS
NM_153514	<i>Rhobtb2</i>	BXD2	NS	NS	2.81E-02	-1.5
NM_030259	<i>Rilpl2</i>	BXD2	3.73E-02	1.6	NS	NS
NM_001081977	<i>Rnf144a</i>	BXD2	3.64E-02	1.4	NS	NS
NM_001166553	<i>Rnf145</i>	BXD2	2.07E-03	-1.5	NS	NS
NM_001163461	<i>Rpap2</i>	BXD2	1.72E-02	1.5	NS	NS
NM_133982	<i>Rpp25</i>	BXD2	7.61E-03	-1.7	1.30E-03	-1.9
NM_146244	<i>Rps6kl1</i>	BXD2	6.78E-07	2.4	5.16E-03	1.8
NM_007901	<i>S1pr1</i>	BXD2	4.23E-02	1.6	NS	NS
NM_172769	<i>Sc5d</i>	BXD2	NS	NS	2.05E-02	-1.3
NM_172604	<i>Scara3</i>	BXD2	NS	NS	4.32E-02	1.5
NM_009127	<i>Scd1</i>	BXD2	4.23E-02	-1.5	NS	NS

NM_009129	<i>Scg2</i>	BXD2	6.30E-03	1.4	NS	NS
NM_011521	<i>Sdc4</i>	BXD2	1.16E-02	2.0	1.36E-02	2.0
NM_011342	<i>Sec22b</i>	BXD2	4.90E-02	1.4	NS	NS
NM_030261	<i>Sesn3</i>	BXD2	4.79E-03	1.5	1.25E-02	1.4
NM_009167	<i>Shc3</i>	BXD2	5.35E-04	-1.5	NS	NS
NM_013612	<i>Slc11a1</i>	BXD2	NS	NS	8.62E-03	2.0
NM_027921	<i>Slc16a14</i>	BXD2	3.79E-03	1.6	NS	NS
NM_001159593	<i>Slc20a1</i>	BXD2	9.74E-04	-1.5	NS	NS
NM_011400	<i>Slc2a1</i>	BXD2	7.38E-03	1.8	4.07E-02	1.6
NM_001012305	<i>Slc39a12</i>	BXD2	NS	NS	1.42E-02	1.7
NM_001199283	<i>Slc43a2</i>	BXD2	NS	NS	3.83E-02	1.5
NM_001081263	<i>Slc44a5</i>	BXD2	1.38E-05	1.9	1.30E-02	1.5
NM_001038643	<i>Slco3a1</i>	BXD2	7.69E-03	-1.5	NS	NS
NM_001177833	<i>Smox</i>	BXD2	2.52E-02	1.5	NS	NS
NM_183316	<i>Snapc5</i>	BXD2	1.10E-02	1.6	NS	NS
NM_009238	<i>Sox4</i>	BXD2	3.17E-02	1.5	3.62E-02	1.5
NM_182927	<i>Spred3</i>	BXD2	7.42E-04	-2.2	4.47E-03	-2.1
NM_011898	<i>Spry4</i>	BXD2	1.39E-02	-1.8	2.82E-02	-1.7
NM_009270	<i>Sqle</i>	BXD2	1.29E-04	-1.7	8.50E-06	-1.8
NM_011358	<i>Srsf2</i>	BXD2	2.27E-02	-1.4	1.95E-02	-1.5
NM_001195485	<i>Srsf7</i>	BXD2	3.17E-02	-1.6	2.19E-02	-1.6
NM_133774	<i>Stard4</i>	BXD2	9.74E-04	-1.9	4.89E-05	-2.1
NM_001102423	<i>Stx16</i>	BXD2	4.93E-02	1.4	NS	NS
NM_001040085	<i>Sytl2</i>	BXD2	3.67E-02	1.7	NS	NS
NM_001184706	<i>Tfdp2</i>	BXD2	4.43E-02	1.6	NS	NS
NM_026436	<i>Tmem86a</i>	BXD2	NS	NS	4.57E-02	1.6
NM_001048267	<i>Tnpo1</i>	BXD2	4.23E-02	1.4	2.05E-02	1.4
NM_001109748	<i>Tomm40</i>	BXD2	4.19E-02	-1.4	1.71E-03	-1.5
NM_001170488	<i>Tprkb</i>	BXD2	4.92E-02	1.5	NS	NS
NM_001243916	<i>Trim34b</i>	BXD2	3.06E-02	1.7	NS	NS
NM_001170912	<i>Trim66</i>	BXD2	4.31E-02	2.1	NS	NS
NM_001099792	<i>Trmt61a</i>	BXD2	NS	NS	3.31E-02	-1.6
NM_172597	<i>Txndc16</i>	BXD2	7.63E-03	1.5	NS	NS
NM_001009935	<i>Txnip</i>	BXD2	2.05E-05	3.4	6.43E-05	3.3
NM_133806	<i>Uap1</i>	BXD2	4.80E-02	-1.3	NS	NS
NM_001169576	<i>Ube2h</i>	BXD2	2.30E-03	1.5	5.16E-03	1.5
NM_001145162	<i>Ube2ql1</i>	BXD2	NS	NS	2.09E-02	-1.3
NM_030724	<i>Uck2</i>	BXD2	2.32E-03	-1.4	NS	NS

NM_175158	<i>Utp20</i>	BXD2	NS	NS	2.82E-02	-1.7
NM_001039385	<i>Vgf</i>	BXD2	9.50E-03	-2.1	3.83E-02	-1.9
NM_001005342	<i>Ypel4</i>	BXD2	6.22E-04	2.5	4.45E-03	2.3
NM_027166	<i>Ypel5</i>	BXD2	7.14E-03	1.4	NS	NS
NM_028106	<i>Zbed3</i>	BXD2	4.31E-02	1.5	NS	NS
NM_001115130	<i>Zbtb44</i>	BXD2	9.55E-03	1.4	NS	NS
NM_178404	<i>Zc3h6</i>	BXD2	7.99E-03	1.5	NS	NS
NM_144546	<i>Zfp119a</i>	BXD2	4.20E-02	1.5	NS	NS
NM_001110309	<i>Zfp426</i>	BXD2	2.76E-02	1.5	NS	NS
NM_001267583	<i>Zfp811</i>	BXD2	1.51E-02	1.6	NS	NS
NM_001105557	<i>Zfp938</i>	BXD2	3.44E-02	1.4	NS	NS
NM_001252584	<i>Zmynd8</i>	BXD2	1.77E-02	1.6	NS	NS
NM_029598	<i>1700019B03Rik</i>	BXD48a	4.63E-02	1.6	NS	NS
NM_001033630	<i>2310061I04Rik</i>	BXD48a	4.42E-02	-1.4	NS	NS
NR_045177	<i>2900055J20Rik</i>	BXD48a	3.77E-02	1.5	9.99E-03	1.6
NM_026077	<i>3110040N11Rik</i>	BXD48a	NS	NS	5.00E-02	1.5
NR_015591	<i>5430405H02Rik</i>	BXD48a	1.59E-03	2.2	NS	NS
NR_015488	<i>A930003A15Rik</i>	BXD48a	2.46E-02	1.9	NS	NS
NM_030210	<i>Aacs</i>	BXD48a	NS	NS	7.83E-03	-1.6
NM_001166556	<i>Abca6</i>	BXD48a	1.61E-03	2.6	NS	NS
NM_013851	<i>Abca8b</i>	BXD48a	NS	NS	6.12E-03	2.0
NM_011076	<i>Abcb1a</i>	BXD48a	NS	NS	3.06E-02	1.7
NM_001276719	<i>Ackr2</i>	BXD48a	NS	NS	2.91E-02	-1.9
NM_001199296	<i>Acly</i>	BXD48a	NS	NS	3.29E-02	-1.3
NM_001102404	<i>Acp5</i>	BXD48a	NS	NS	1.06E-02	-3.4
NM_007981	<i>Acs11</i>	BXD48a	5.57E-03	1.7	NS	NS
NM_020330	<i>Adam21</i>	BXD48a	NS	NS	8.74E-03	-2.1
NM_001270996	<i>Adam9</i>	BXD48a	NS	NS	4.64E-02	1.3
NM_172133	<i>Adap2</i>	BXD48a	4.91E-03	1.7	NS	NS
NM_133222	<i>Adgrl4</i>	BXD48a	NS	NS	1.63E-02	1.4
NM_026644	<i>Agpat4</i>	BXD48a	2.37E-02	1.4	NS	NS
NM_001172146	<i>Aimp2</i>	BXD48a	6.82E-03	-1.8	1.17E-03	-1.9
NM_001035532	<i>Akap2</i>	BXD48a	3.50E-03	1.6	NS	NS
NM_025538	<i>Alkbh7</i>	BXD48a	4.47E-02	-1.5	NS	NS
NM_019764	<i>Amotl2</i>	BXD48a	4.65E-04	2.1	NS	NS
NM_020581	<i>Angptl4</i>	BXD48a	1.05E-03	2.3	1.23E-03	2.2
NM_027799	<i>Ankrd40</i>	BXD48a	4.98E-02	1.4	NS	NS
NM_001198911	<i>Arhgef2</i>	BXD48a	3.23E-02	-1.4	NS	NS

NM_175251	<i>Arid2</i>	BXD48a	1.24E-02	1.5	NS	NS
NM_001172205	<i>Arid5a</i>	BXD48a	2.14E-02	1.9	2.05E-02	1.9
NM_023598	<i>Arid5b</i>	BXD48a	1.89E-03	1.6	1.39E-04	1.8
NM_001042591	<i>Arrdc3</i>	BXD48a	5.16E-08	2.9	3.63E-07	2.7
NM_001042592	<i>Arrdc4</i>	BXD48a	5.48E-05	2.1	8.41E-03	1.7
NM_009713	<i>Arsa</i>	BXD48a	1.20E-02	1.8	NS	NS
NM_026217	<i>Atg12</i>	BXD48a	6.28E-06	1.6	1.72E-03	1.4
NM_001199304	<i>Atxn1</i>	BXD48a	NS	NS	2.47E-02	1.4
NM_009125	<i>Atxn2</i>	BXD48a	NS	NS	3.17E-02	-1.3
NM_016847	<i>Avpr1a</i>	BXD48a	NS	NS	5.05E-03	-1.9
NM_001159407	<i>B3gnt5</i>	BXD48a	5.68E-04	1.9	2.22E-02	1.6
NM_175325	<i>Bbs4</i>	BXD48a	1.20E-02	1.4	NS	NS
NM_001284410	<i>Bcl2l11</i>	BXD48a	4.15E-05	2.5	9.55E-05	2.4
NM_001122683	<i>Bdh1</i>	BXD48a	1.24E-02	-1.4	3.61E-02	-1.3
NM_133889	<i>Bsdc1</i>	BXD48a	NS	NS	5.31E-03	1.4
NM_007570	<i>Btg2</i>	BXD48a	1.72E-05	2.2	1.96E-02	1.7
NM_009770	<i>Btg3</i>	BXD48a	2.96E-02	1.7	NS	NS
NM_001172096	<i>Cacul1</i>	BXD48a	NS	NS	2.72E-02	1.4
NM_144817	<i>Camk1g</i>	BXD48a	1.44E-02	-1.5	2.05E-02	-1.4
NM_025821	<i>Carhsp1</i>	BXD48a	3.77E-02	1.6	NS	NS
NM_178793	<i>Ccbe1</i>	BXD48a	3.50E-03	1.9	NS	NS
NM_009831	<i>Ccng1</i>	BXD48a	2.17E-02	1.4	4.96E-03	1.4
NM_007635	<i>Ccng2</i>	BXD48a	NS	NS	3.72E-02	1.5
NM_025422	<i>Cd302</i>	BXD48a	NS	NS	3.92E-04	2.1
NM_001168304	<i>Cdk19</i>	BXD48a	4.41E-03	1.5	NS	NS
NM_009875	<i>Cdkn1b</i>	BXD48a	1.90E-03	1.5	NS	NS
NM_001081345	<i>Chd2</i>	BXD48a	2.04E-02	1.5	7.35E-03	1.5
NM_007692	<i>Chkb</i>	BXD48a	NS	NS	4.25E-02	-1.4
NM_053068	<i>Chrac1</i>	BXD48a	3.78E-02	1.7	NS	NS
NM_203491	<i>Chrm2</i>	BXD48a	1.36E-02	-1.7	NS	NS
NM_176844	<i>Chrna5</i>	BXD48a	3.98E-03	1.9	NS	NS
NM_021528	<i>Chst12</i>	BXD48a	2.03E-03	-1.6	NS	NS
NM_001243762	<i>Clcn5</i>	BXD48a	1.97E-03	1.8	4.59E-02	1.6
NM_001033242	<i>Cln5</i>	BXD48a	1.20E-02	2.0	5.05E-03	2.2
NM_001033175	<i>Cln6</i>	BXD48a	NS	NS	4.79E-02	1.5
NM_153384	<i>Clrn1</i>	BXD48a	2.51E-03	1.9	NS	NS
NM_001252525	<i>Cpeb1</i>	BXD48a	NS	NS	1.63E-02	1.9
NM_172728	<i>Creb5</i>	BXD48a	NS	NS	3.56E-02	1.8

NM_029870	<i>Crebrf</i>	BXD48a	NS	NS	4.88E-02	1.6
NM_001110850	<i>Crem</i>	BXD48a	7.61E-04	1.9	2.42E-04	2.0
NM_007762	<i>Crhr1</i>	BXD48a	5.17E-03	-1.9	4.87E-06	-2.5
NM_007773	<i>Crybb2</i>	BXD48a	2.96E-02	-1.7	NS	NS
NM_031249	<i>Cstf2t</i>	BXD48a	4.98E-02	-1.4	NS	NS
NM_001145799	<i>Ctla2a</i>	BXD48a	4.31E-02	1.7	8.42E-04	2.1
NM_007808	<i>Cycs</i>	BXD48a	2.99E-02	-1.2	NS	NS
NM_009994	<i>Cyp1b1</i>	BXD48a	NS	NS	4.07E-03	2.4
NM_028979	<i>Cyp2j9</i>	BXD48a	NS	NS	1.93E-02	1.7
NM_001100181	<i>Cyp4a32</i>	BXD48a	NS	NS	1.02E-02	-1.9
NM_010516	<i>Cyr61</i>	BXD48a	1.05E-02	1.8	NS	NS
NM_001008231	<i>Daam2</i>	BXD48a	NS	NS	2.97E-02	1.5
NM_001142570	<i>Dach2</i>	BXD48a	3.77E-02	1.9	NS	NS
NM_001161515	<i>Dctd</i>	BXD48a	NS	NS	4.79E-02	-1.6
NM_019553	<i>Ddx21</i>	BXD48a	NS	NS	4.79E-02	-1.5
NM_001252457	<i>Ddx39b</i>	BXD48a	1.22E-02	-1.3	NS	NS
NM_011933	<i>Decr2</i>	BXD48a	4.31E-02	1.4	NS	NS
NM_053272	<i>Dhcr24</i>	BXD48a	6.89E-07	-1.7	3.70E-07	-1.7
NM_001030307	<i>Dkc1</i>	BXD48a	NS	NS	8.25E-03	-2.4
NR_002854	<i>Dlx1as</i>	BXD48a	NS	NS	1.33E-02	-2.0
NM_025926	<i>Dnajb4</i>	BXD48a	1.07E-02	1.4	6.50E-03	1.4
NM_025274	<i>Dppa5a</i>	BXD48a	2.81E-02	-1.8	NS	NS
NM_001285807	<i>Dtna</i>	BXD48a	2.20E-03	1.4	1.23E-03	1.4
NM_172442	<i>Dtx4</i>	BXD48a	4.66E-03	1.4	NS	NS
NM_013642	<i>Dusp1</i>	BXD48a	9.78E-07	2.3	1.78E-05	2.1
NM_001048054	<i>Dusp16</i>	BXD48a	1.15E-04	2.2	2.67E-05	2.3
NM_026268	<i>Dusp6</i>	BXD48a	NS	NS	1.86E-03	-1.7
NM_008748	<i>Dusp8</i>	BXD48a	5.60E-06	1.5	2.49E-04	1.4
NM_010104	<i>Edn1</i>	BXD48a	4.28E-03	2.7	9.87E-03	2.5
NM_010118	<i>Egr2</i>	BXD48a	1.43E-03	2.4	NS	NS
NM_010121	<i>Eif2ak3</i>	BXD48a	3.77E-02	1.5	NS	NS
NM_007917	<i>Eif4e</i>	BXD48a	NS	NS	3.06E-02	-1.3
NM_001253692	<i>Elmod3</i>	BXD48a	5.14E-03	1.6	NS	NS
NM_001146348	<i>Eng</i>	BXD48a	3.77E-02	1.7	NS	NS
NM_007946	<i>Epx</i>	BXD48a	4.50E-03	-2.0	NS	NS
NM_029250	<i>Etnk1</i>	BXD48a	NS	NS	3.97E-02	1.4
NM_008815	<i>Etv4</i>	BXD48a	NS	NS	1.72E-03	-1.7
NM_023794	<i>Etv5</i>	BXD48a	1.19E-03	-1.8	2.38E-02	-1.6

NM_183187	<i>Fam107a</i>	BXD48a	1.15E-04	2.9	3.63E-07	4.0
NM_001100458	<i>Fam169a</i>	BXD48a	3.77E-02	-1.5	NS	NS
NM_178908	<i>Fam26e</i>	BXD48a	1.61E-03	1.9	9.40E-05	2.1
NM_175104	<i>Fam53c</i>	BXD48a	6.38E-03	1.8	NS	NS
NM_019643	<i>Fam60a</i>	BXD48a	3.41E-02	1.7	NS	NS
NM_178797	<i>Far2</i>	BXD48a	6.94E-05	-1.7	NS	NS
NM_026346	<i>Fbxo32</i>	BXD48a	2.64E-02	2.0	NS	NS
NM_010191	<i>Fdft1</i>	BXD48a	9.78E-07	-1.6	9.55E-05	-1.5
NM_001253751	<i>Fdps</i>	BXD48a	NS	NS	4.68E-02	-1.5
NM_008013	<i>Fgl2</i>	BXD48a	NS	NS	5.85E-03	1.7
NM_010218	<i>Fjx1</i>	BXD48a	3.00E-02	1.3	NS	NS
NM_001276408	<i>Fn1</i>	BXD48a	NS	NS	4.79E-02	1.6
NM_173753	<i>Fnip1</i>	BXD48a	8.17E-03	1.5	NS	NS
NM_001159706	<i>Folh1</i>	BXD48a	4.55E-02	1.9	1.31E-02	2.0
NM_010234	<i>Fos</i>	BXD48a	4.10E-03	2.2	6.54E-04	2.4
NM_008036	<i>Fosb</i>	BXD48a	3.73E-03	2.5	1.06E-02	2.3
NM_019740	<i>Foxo3</i>	BXD48a	2.40E-02	1.6	NS	NS
NM_010236	<i>Fpgs</i>	BXD48a	1.32E-02	-1.6	NS	NS
NM_001081151	<i>Gan</i>	BXD48a	3.41E-02	1.7	NS	NS
NM_028022	<i>Gatsl3</i>	BXD48a	3.00E-02	2.0	NS	NS
NM_001252067	<i>Gga3</i>	BXD48a	1.37E-02	-1.4	NS	NS
NM_010288	<i>Gja1</i>	BXD48a	NS	NS	4.47E-03	1.5
NM_029102	<i>Glt8d2</i>	BXD48a	NS	NS	3.13E-02	2.0
ENSMUST0000						NS
0073126	<i>Gm11555</i>	BXD48a	1.82E-02	-1.8	NS	
ENSMUST0000						NS
0179595	<i>Gm21721</i>	BXD48a	2.96E-02	1.9	NS	
ENSMUST0000						NS
0179217	<i>Gm2310</i>	BXD48a	4.50E-02	-2.0	NS	
NM_001035122	<i>Golm1</i>	BXD48a	2.96E-02	1.5	NS	NS
NM_008149	<i>Gpam</i>	BXD48a	1.31E-02	1.4	1.50E-02	1.4
NM_001110809	<i>Gpatch4</i>	BXD48a	3.33E-03	-1.7	1.06E-02	-1.7
NM_001145820	<i>Gpd2</i>	BXD48a	2.46E-02	-1.5	NS	NS
NM_027518	<i>Gpr137c</i>	BXD48a	6.89E-07	2.0	3.87E-05	1.8
NM_010338	<i>Gpr37</i>	BXD48a	4.25E-04	1.9	NS	NS
NM_145066	<i>Gpr85</i>	BXD48a	4.99E-03	1.6	NS	NS
NM_001177874	<i>Gps1</i>	BXD48a	NS	NS	3.93E-02	-1.3
NM_153419	<i>Grwd1</i>	BXD48a	NS	NS	5.05E-03	-2.0
NM_029938	<i>H2afv</i>	BXD48a	3.77E-02	1.6	NS	NS

NM_027382	<i>Hdac8</i>	BXD48a	NS	NS	3.55E-02	1.5
NM_144835	<i>Heatr1</i>	BXD48a	1.24E-02	-1.7	3.51E-02	-1.6
NM_175256	<i>Heg1</i>	BXD48a	6.03E-03	1.7	NS	NS
NM_025812	<i>Hmg20a</i>	BXD48a	2.74E-02	1.4	NS	NS
NM_008255	<i>Hmgcr</i>	BXD48a	7.80E-03	-1.5	6.54E-04	-1.7
NM_008256	<i>Hmgcs2</i>	BXD48a	1.32E-02	2.2	4.71E-05	3.0
NM_001177705	<i>Homez</i>	BXD48a	NS	NS	7.18E-03	-1.9
NM_010460	<i>Hoxb7</i>	BXD48a	NS	NS	1.63E-02	1.8
NM_053262	<i>Hsd17b11</i>	BXD48a	NS	NS	6.37E-03	1.6
NM_010476	<i>Hsd17b7</i>	BXD48a	5.68E-04	-1.7	3.99E-06	-1.9
NM_028306	<i>Hspa12b</i>	BXD48a	4.17E-02	1.7	NS	NS
NM_019564	<i>Htra1</i>	BXD48a	1.24E-02	1.7	1.39E-04	2.0
NM_010495	<i>Id1</i>	BXD48a	4.16E-03	2.0	NS	NS
NM_145360	<i>Idi1</i>	BXD48a	4.12E-07	-2.1	3.02E-06	-2.0
NM_013562	<i>Ifrd1</i>	BXD48a	NS	NS	7.83E-03	-1.7
NM_008360	<i>Il18</i>	BXD48a	NS	NS	4.22E-02	1.3
NM_010556	<i>Il3</i>	BXD48a	3.95E-02	1.8	NS	NS
NM_172439	<i>Inpp5j</i>	BXD48a	2.42E-02	1.7	NS	NS
NM_153526	<i>Insig1</i>	BXD48a	5.09E-05	-2.1	2.46E-05	-2.1
NM_010591	<i>Jun</i>	BXD48a	2.53E-11	3.0	5.95E-10	2.8
NM_001286944	<i>Jund</i>	BXD48a	4.12E-07	2.1	6.98E-03	1.6
NM_001289437	<i>Kansl2</i>	BXD48a	NS	NS	1.05E-02	-1.4
NM_001081134	<i>Kcng1</i>	BXD48a	NS	NS	1.56E-02	-1.8
NM_029911	<i>Kcnk10</i>	BXD48a	2.81E-02	1.5	NS	NS
NM_026135	<i>Kctd16</i>	BXD48a	NS	NS	4.69E-03	1.8
NM_078477	<i>Klf16</i>	BXD48a	1.39E-03	-1.8	1.59E-03	-1.7
NM_011803	<i>Klf6</i>	BXD48a	NS	NS	1.01E-02	-1.6
NM_001252658	<i>Ldlr</i>	BXD48a	2.34E-03	-2.1	3.80E-05	-2.5
NM_008494	<i>Lfng</i>	BXD48a	1.61E-03	1.6	NS	NS
NM_181074	<i>Lingo1</i>	BXD48a	3.77E-02	-1.3	NS	NS
NM_201529	<i>Lmo7</i>	BXD48a	2.67E-02	1.4	3.35E-02	1.4
NM_207206	<i>Lpcat4</i>	BXD48a	4.33E-02	-1.6	NS	NS
NM_008377	<i>Lrig1</i>	BXD48a	NS	NS	4.85E-02	-1.5
NM_001146048	<i>Lrrc1</i>	BXD48a	1.33E-02	1.9	NS	NS
NM_001143755	<i>Lrrc27</i>	BXD48a	2.99E-02	1.5	NS	NS
NM_133807	<i>Lrrc59</i>	BXD48a	3.41E-02	-1.4	3.35E-02	-1.4
NM_021500	<i>Maea</i>	BXD48a	NS	NS	3.29E-02	-1.4
NM_023788	<i>Mageh1</i>	BXD48a	NS	NS	2.47E-02	-1.4

NM_001145802	<i>Mak</i>	BXD48a	3.89E-02	-1.8	NS	NS
NM_011841	<i>Mapk7</i>	BXD48a	8.47E-03	-1.4	3.93E-02	-1.4
NM_028372	<i>Mblac2</i>	BXD48a	NS	NS	4.03E-02	-1.5
NM_001012335	<i>Mdk</i>	BXD48a	NS	NS	3.51E-02	1.8
NM_026896	<i>Med27</i>	BXD48a	NS	NS	7.83E-04	-1.6
NM_001001979	<i>Megf10</i>	BXD48a	NS	NS	4.01E-02	1.5
NM_008587	<i>Mertk</i>	BXD48a	NS	NS	4.52E-02	1.9
NM_023799	<i>Mgea5</i>	BXD48a	3.77E-02	1.3	3.56E-05	1.5
NM_001243584	<i>Mif4gd</i>	BXD48a	NS	NS	4.80E-02	1.6
NM_172457	<i>Mob3a</i>	BXD48a	NS	NS	4.07E-02	-1.5
NM_023773	<i>Mphosph8</i>	BXD48a	4.42E-02	-1.4	2.27E-02	-1.5
NM_001101482	<i>Mrap2</i>	BXD48a	5.31E-03	1.9	NS	NS
NM_025436	<i>Msmo1</i>	BXD48a	5.09E-05	-2.1	4.71E-05	-2.1
NM_013602	<i>Mt1</i>	BXD48a	1.24E-02	1.5	9.46E-04	1.7
NM_008630	<i>Mt2</i>	BXD48a	6.94E-05	2.4	3.99E-06	2.7
NM_008638	<i>Mthfd2</i>	BXD48a	NS	NS	2.63E-03	-1.9
NM_001005863	<i>Mtus1</i>	BXD48a	NS	NS	1.86E-03	1.7
NM_138656	<i>Mvd</i>	BXD48a	3.34E-02	-1.6	3.44E-04	-2.0
NM_001008542	<i>Mxi1</i>	BXD48a	2.49E-06	1.7	3.63E-07	1.8
NM_001040395	<i>Nadk2</i>	BXD48a	1.20E-02	1.4	NS	NS
NM_001114085	<i>Nde1</i>	BXD48a	NS	NS	2.17E-02	1.6
NM_022565	<i>Ndst4</i>	BXD48a	NS	NS	4.88E-02	1.7
NM_001111324	<i>Nedd9</i>	BXD48a	2.03E-03	1.7	NS	NS
NM_001048168	<i>Nfyc</i>	BXD48a	NS	NS	4.03E-02	-1.4
NM_145469	<i>Nipal2</i>	BXD48a	NS	NS	3.51E-02	1.5
NM_021303	<i>Noc2l</i>	BXD48a	NS	NS	1.86E-03	-1.6
NM_001008421	<i>Nol10</i>	BXD48a	NS	NS	3.71E-02	-1.6
NM_138747	<i>Nop2</i>	BXD48a	3.93E-03	-1.5	3.80E-03	-1.5
NM_024193	<i>Nop56</i>	BXD48a	1.30E-02	-1.6	NS	NS
NM_018868	<i>Nop58</i>	BXD48a	NS	NS	2.72E-02	-1.4
NM_010342	<i>Npbwr1</i>	BXD48a	3.86E-02	1.6	NS	NS
NM_008723	<i>Npm3</i>	BXD48a	NS	NS	3.72E-02	-1.6
NM_175678	<i>Npsr1</i>	BXD48a	3.77E-02	-2.4	NS	NS
NM_021552	<i>Nsa2</i>	BXD48a	4.42E-02	1.4	NS	NS
NM_010941	<i>Nsdhl</i>	BXD48a	1.20E-02	-1.4	NS	NS
NM_001164604	<i>Nsmce2</i>	BXD48a	4.84E-02	1.4	NS	NS
NM_008751	<i>Nxph1</i>	BXD48a	NS	NS	1.06E-02	-1.5
NM_013614	<i>Odc1</i>	BXD48a	2.08E-03	1.8	NS	NS

NM_146491	<i>Olfr1410</i>	BXD48a	1.61E-03	-2.1	NS	NS
NM_010970	<i>Olfr23</i>	BXD48a	3.65E-02	-1.9	NS	NS
NM_001011858	<i>Olfr504</i>	BXD48a	4.84E-02	-2.0	NS	NS
NM_147067	<i>Olfr829</i>	BXD48a	7.80E-03	-2.9	NS	NS
NM_146557	<i>Olfr869</i>	BXD48a	NS	NS	2.82E-02	-2.5
NM_001134791	<i>Osbpl9</i>	BXD48a	1.03E-03	1.4	1.63E-02	1.3
NM_001101479	<i>Pabpc4l</i>	BXD48a	NS	NS	3.37E-02	1.8
NM_146169	<i>Paip2b</i>	BXD48a	NS	NS	4.15E-02	1.5
NM_198410	<i>Paqr6</i>	BXD48a	NS	NS	4.69E-03	1.8
NM_183028	<i>Pcmtd1</i>	BXD48a	3.77E-02	1.3	NS	NS
NM_153594	<i>Pcmtd2</i>	BXD48a	1.15E-04	2.0	NS	NS
NM_008803	<i>Pde8a</i>	BXD48a	2.07E-02	1.9	2.40E-02	1.8
NM_008808	<i>Pdgfa</i>	BXD48a	NS	NS	1.63E-02	-1.5
NM_001159367	<i>Per1</i>	BXD48a	4.06E-02	1.5	2.40E-02	1.6
NM_001109690	<i>Phf21a</i>	BXD48a	3.94E-02	1.6	NS	NS
NM_030064	<i>Phf23</i>	BXD48a	NS	NS	1.32E-02	-1.6
NM_178149	<i>Pik3ip1</i>	BXD48a	1.15E-04	2.2	9.40E-05	2.2
NM_001024955	<i>Pik3r1</i>	BXD48a	1.52E-06	1.6	7.15E-07	1.7
NM_181585	<i>Pik3r3</i>	BXD48a	NS	NS	2.91E-02	1.4
NM_023371	<i>Pin1</i>	BXD48a	5.15E-03	-1.5	NS	NS
NM_152813	<i>Plcd3</i>	BXD48a	1.89E-03	1.9	4.50E-04	2.0
NM_001033253	<i>Plekhg1</i>	BXD48a	2.55E-06	2.2	6.54E-04	1.8
NM_013807	<i>Plk3</i>	BXD48a	NS	NS	1.39E-03	-1.8
NM_022995	<i>Pmepa1</i>	BXD48a	2.39E-02	1.4	NS	NS
NM_001033225	<i>Pnrc1</i>	BXD48a	NS	NS	4.79E-02	1.3
NM_177782	<i>Prex1</i>	BXD48a	1.24E-02	-1.5	NS	NS
NM_011192	<i>Psme3</i>	BXD48a	2.42E-02	-1.3	NS	NS
NM_212446	<i>Psmf1</i>	BXD48a	1.20E-02	1.3	NS	NS
NM_022415	<i>Ptges</i>	BXD48a	NS	NS	2.14E-02	1.7
NM_001163565	<i>Ptpn5</i>	BXD48a	NS	NS	2.49E-02	-1.3
NM_025831	<i>Pxdc1</i>	BXD48a	2.92E-03	1.7	NS	NS
NM_029494	<i>Rab30</i>	BXD48a	7.32E-07	2.0	3.55E-05	1.8
NM_001038621	<i>Rabgap1l</i>	BXD48a	1.22E-03	1.4	3.32E-02	1.3
NM_001099624	<i>Rapgef2</i>	BXD48a	3.70E-06	1.6	9.55E-05	1.5
NM_001252494	<i>Rapgef6</i>	BXD48a	5.09E-05	1.9	1.52E-05	2.0
NM_001081549	<i>Rcan1</i>	BXD48a	4.53E-02	1.4	NS	NS
NM_009062	<i>Rgs4</i>	BXD48a	4.47E-02	1.5	3.38E-03	1.7
NM_153514	<i>Rhobtb2</i>	BXD48a	NS	NS	2.58E-03	-1.6

NM_172612	<i>Rnd1</i>	BXD48a	2.81E-02	-1.6	NS	NS
NM_001166553	<i>Rnf145</i>	BXD48a	1.43E-03	-1.5	6.78E-07	-1.8
NM_146244	<i>Rps6kl1</i>	BXD48a	2.14E-03	1.8	NS	NS
NM_145620	<i>Rrp9</i>	BXD48a	2.57E-03	-1.9	NS	NS
NM_013650	<i>S100a8</i>	BXD48a	NS	NS	7.85E-03	2.5
NM_001244916	<i>Sall2</i>	BXD48a	NS	NS	2.52E-04	-1.8
NM_172604	<i>Scara3</i>	BXD48a	3.10E-02	1.5	5.85E-03	1.6
NM_009129	<i>Scg2</i>	BXD48a	1.24E-02	1.3	8.84E-03	1.4
NM_011521	<i>Sdc4</i>	BXD48a	1.57E-04	2.5	2.25E-04	2.5
NM_001013370	<i>Sesn1</i>	BXD48a	3.83E-02	1.5	6.53E-04	1.7
NM_030261	<i>Sesn3</i>	BXD48a	NS	NS	4.30E-03	1.5
NM_016687	<i>Sfrp4</i>	BXD48a	NS	NS	9.46E-04	2.5
NM_029339	<i>Sgf29</i>	BXD48a	NS	NS	4.12E-02	-1.4
NM_001162965	<i>Sgsm1</i>	BXD48a	1.82E-02	-1.5	NS	NS
NM_009167	<i>Shc3</i>	BXD48a	1.95E-02	-1.3	1.10E-02	-1.4
NM_001286538	<i>Sigmar1</i>	BXD48a	2.39E-02	-1.4	NS	NS
NM_027921	<i>Slc16a14</i>	BXD48a	3.08E-03	1.6	NS	NS
NM_001029842	<i>Slc16a6</i>	BXD48a	NS	NS	1.12E-02	2.1
NM_025807	<i>Slc16a9</i>	BXD48a	NS	NS	2.27E-02	2.9
NM_001159593	<i>Slc20a1</i>	BXD48a	6.94E-05	-1.6	NS	NS
NM_198650	<i>Slc22a20</i>	BXD48a	4.55E-02	-1.6	NS	NS
ENSMUST0000						1.8
0114764	<i>Slc26a8</i>	BXD48a	NS	NS	4.25E-02	
NM_007854	<i>Slc29a2</i>	BXD48a	2.46E-02	-1.7	NS	NS
NM_011400	<i>Slc2a1</i>	BXD48a	7.50E-05	2.1	5.10E-03	1.8
NM_175121	<i>Slc38a2</i>	BXD48a	NS	NS	1.88E-02	1.4
NM_001012305	<i>Slc39a12</i>	BXD48a	NS	NS	7.80E-03	1.7
NM_001199283	<i>Slc43a2</i>	BXD48a	2.81E-02	1.5	NS	NS
NM_001081263	<i>Slc44a5</i>	BXD48a	2.55E-06	1.9	1.43E-04	1.7
NM_029643	<i>Slc52a2</i>	BXD48a	NS	NS	2.98E-03	-1.7
NM_001038643	<i>Slco3a1</i>	BXD48a	NS	NS	6.17E-03	-1.5
NM_008539	<i>Smad1</i>	BXD48a	NS	NS	4.25E-02	1.3
NM_001177833	<i>Smox</i>	BXD48a	NS	NS	4.15E-02	1.5
NM_146126	<i>Sord</i>	BXD48a	1.62E-02	1.7	NS	NS
NM_001025428	<i>Spag9</i>	BXD48a	3.41E-02	1.3	3.35E-02	1.3
NM_182927	<i>Spred3</i>	BXD48a	2.75E-02	-1.8	1.08E-03	-2.2
NM_011898	<i>Spry4</i>	BXD48a	NS	NS	6.42E-03	-1.8
NM_009270	<i>Sqle</i>	BXD48a	1.61E-03	-1.6	1.08E-02	-1.5

NM_001081037	<i>Srgap1</i>	BXD48a	3.48E-02	-1.5	NS	NS
NM_009272	<i>Srm</i>	BXD48a	4.17E-02	-1.4	4.80E-02	-1.4
NM_016795	<i>Srpk1</i>	BXD48a	1.20E-02	-1.5	2.59E-02	-1.5
NM_011358	<i>Srsf2</i>	BXD48a	2.46E-02	-1.4	2.52E-04	-1.6
NM_001195485	<i>Srsf7</i>	BXD48a	NS	NS	3.29E-04	-1.9
NM_009218	<i>Sstr3</i>	BXD48a	NS	NS	8.03E-03	-1.9
NM_011374	<i>St8sia1</i>	BXD48a	2.64E-02	1.4	7.21E-03	1.5
NM_133774	<i>Stard4</i>	BXD48a	3.00E-02	-1.6	1.44E-02	-1.7
NM_153563	<i>Strip1</i>	BXD48a	4.74E-03	-1.4	1.33E-03	-1.4
NM_019995	<i>Supt20</i>	BXD48a	NS	NS	4.69E-03	-1.7
NM_013678	<i>Surf2</i>	BXD48a	NS	NS	4.69E-03	-1.4
NM_001040085	<i>Sytl2</i>	BXD48a	NS	NS	1.33E-02	1.8
NM_001289603	<i>Tfcp2</i>	BXD48a	NS	NS	4.69E-03	-1.6
NM_009368	<i>Tgfb3</i>	BXD48a	NS	NS	2.53E-02	2.1
NM_011580	<i>Thbs1</i>	BXD48a	4.17E-02	2.0	NS	NS
NM_174989	<i>Ticam1</i>	BXD48a	1.24E-02	2.0	NS	NS
NM_001081145	<i>Tigd2</i>	BXD48a	4.92E-02	1.4	NS	NS
NM_026708	<i>Tlcd1</i>	BXD48a	NS	NS	1.63E-02	-1.5
NM_133211	<i>Tlr7</i>	BXD48a	1.30E-02	2.0	4.64E-02	1.9
NM_031178	<i>Tlr9</i>	BXD48a	1.29E-02	2.1	NS	NS
NM_177344	<i>Tmem203</i>	BXD48a	2.74E-02	-1.7	NS	NS
NM_001048267	<i>Tnpo1</i>	BXD48a	1.52E-03	1.5	9.13E-03	1.4
NM_001109748	<i>Tomm40</i>	BXD48a	NS	NS	3.35E-02	-1.4
NM_001164792	<i>Tpbg</i>	BXD48a	1.20E-02	2.0	NS	NS
NM_001099792	<i>Trmt61a</i>	BXD48a	NS	NS	2.63E-03	-1.8
NM_032000	<i>Trps1</i>	BXD48a	NS	NS	3.51E-02	1.5
NM_001177751	<i>Tsc22d1</i>	BXD48a	4.19E-02	1.2	NS	NS
NM_197996	<i>Tspan15</i>	BXD48a	NS	NS	2.65E-02	1.6
NM_146116	<i>Tubb4b</i>	BXD48a	NS	NS	2.80E-02	-1.4
NM_001009935	<i>Txnip</i>	BXD48a	2.55E-06	3.8	1.99E-07	4.6
NM_001169576	<i>Ube2h</i>	BXD48a	1.29E-02	1.4	6.17E-03	1.5
NM_001145162	<i>Ube2ql1</i>	BXD48a	NS	NS	3.51E-02	-1.3
NM_030724	<i>Uck2</i>	BXD48a	NS	NS	1.63E-02	-1.4
ENSMUST0000						-1.7
0053686	<i>Uck2</i>	BXD48a	NS	NS	2.99E-02	
NM_009462	<i>Usp10</i>	BXD48a	NS	NS	7.78E-03	-1.4
NM_183225	<i>Usp24</i>	BXD48a	4.84E-02	-1.4	NS	NS
NM_001081249	<i>Vcan</i>	BXD48a	NS	NS	2.05E-02	-1.5

NM_001166737	<i>Vmn1r103</i>	BXD48a	2.77E-02	-1.8	NS	NS
NM_001105179	<i>Vmn2r51</i>	BXD48a	4.17E-02	-2.1	NS	NS
NM_022997	<i>Vps35</i>	BXD48a	NS	NS	2.67E-02	-1.3
NM_145967	<i>Vstm2a</i>	BXD48a	2.12E-03	-1.4	9.46E-04	-1.4
NM_054068	<i>Vsx1</i>	BXD48a	NS	NS	3.65E-02	-1.6
NM_172372	<i>Wdr45</i>	BXD48a	2.74E-02	1.7	NS	NS
NM_134139	<i>Wdr74</i>	BXD48a	3.00E-02	-1.4	NS	NS
NM_145940	<i>Wipi1</i>	BXD48a	NS	NS	4.80E-02	1.4
NM_001005342	<i>Ypel4</i>	BXD48a	3.41E-02	1.9	4.25E-02	1.9
NM_027166	<i>Ypel5</i>	BXD48a	1.28E-04	1.6	1.49E-04	1.6
NM_028106	<i>Zbed3</i>	BXD48a	2.65E-03	1.6	1.44E-02	1.5
NM_001115130	<i>Zbtb44</i>	BXD48a	NS	NS	4.85E-02	1.4
NM_001082485	<i>Zfp266</i>	BXD48a	3.00E-02	1.4	NS	NS
NM_001110309	<i>Zfp426</i>	BXD48a	2.01E-02	1.5	NS	NS
NM_145622	<i>Zfp65</i>	BXD48a	NS	NS	3.58E-02	1.5
NM_001113486	<i>-44448</i>	BXD100	NS	NS	6.87E-03	-1.3
NM_001033262	<i>-44264</i>	BXD100	NS	NS	2.48E-03	-1.8
NM_001166372	<i>-44256</i>	BXD100	4.02E-02	1.4	3.02E-02	1.4
NM_021446	<i>0610007P14Rik</i>	BXD100	3.82E-03	-1.4	3.27E-03	-1.4
NM_001145895	<i>1700019G17Rik</i>	BXD100	3.40E-02	1.6	NS	NS
NR_045177	<i>2900055J20Rik</i>	BXD100	4.69E-03	1.7	7.87E-07	2.2
NM_001081963	<i>9430020K01Rik</i>	BXD100	NS	NS	1.43E-02	1.7
NM_001167925	<i>A730017C20Rik</i>	BXD100	2.62E-02	1.2	7.66E-03	1.2
NR_015488	<i>A930003A15Rik</i>	BXD100	NS	NS	3.62E-03	2.1
NR_033609	<i>A930017M01Rik</i>	BXD100	2.61E-03	1.8	NS	NS
NM_030210	<i>Aacs</i>	BXD100	7.38E-03	-1.5	9.63E-03	-1.5
NM_001166556	<i>Abca6</i>	BXD100	4.74E-02	1.9	NS	NS
NM_013851	<i>Abca8b</i>	BXD100	2.36E-04	2.3	2.01E-02	1.8
NM_011075	<i>Abcb1b</i>	BXD100	NS	NS	1.79E-04	2.3
NM_001190443	<i>Abcf2</i>	BXD100	NS	NS	4.08E-02	-1.3
NM_025826	<i>Acadsb</i>	BXD100	1.54E-02	1.6	NS	NS
NM_009338	<i>Acat2</i>	BXD100	NS	NS	1.58E-02	-1.4
NM_153151	<i>Acat3</i>	BXD100	NS	NS	2.66E-02	-1.4
NM_001199296	<i>Acly</i>	BXD100	NS	NS	4.11E-03	-1.4
NM_001205385	<i>Actr3</i>	BXD100	1.20E-02	-1.2	NS	NS
NM_001270996	<i>Adam9</i>	BXD100	1.67E-02	1.4	NS	NS
NM_001038587	<i>Adar</i>	BXD100	NS	NS	2.66E-02	1.4
NM_001024837	<i>Adarb1</i>	BXD100	4.80E-02	-1.4	NS	NS

NM_001163029	<i>Adgre5</i>	BXD100	2.21E-02	1.7	NS	NS
NM_133222	<i>Adgrl4</i>	BXD100	2.44E-02	1.4	5.32E-03	1.5
NM_001080798	<i>Aff1</i>	BXD100	6.91E-03	1.8	2.01E-02	1.7
NM_178162	<i>Agfg2</i>	BXD100	2.07E-04	-2.1	1.08E-03	-2.0
NM_026644	<i>Agpat4</i>	BXD100	9.46E-04	1.5	NS	NS
NM_007428	<i>Agt</i>	BXD100	1.34E-02	3.1	NS	NS
NM_009642	<i>Agtrap</i>	BXD100	1.34E-02	1.7	NS	NS
NM_001172146	<i>Aimp2</i>	BXD100	1.59E-02	-1.7	3.09E-02	-1.6
NM_198111	<i>Akap6</i>	BXD100	NS	NS	4.95E-02	1.2
NM_017476	<i>Akap8l</i>	BXD100	7.23E-03	1.4	7.40E-03	1.4
NM_009658	<i>Akr1b3</i>	BXD100	3.29E-02	-1.4	NS	NS
NM_134066	<i>Akr1c18</i>	BXD100	9.90E-03	-1.9	NS	NS
ENSMUST0000						-1.5
0080898	<i>Amd2</i>	BXD100	NS	NS	4.84E-02	
NM_019764	<i>Amotl2</i>	BXD100	NS	NS	4.68E-02	1.6
NM_007426	<i>Angpt2</i>	BXD100	NS	NS	3.09E-02	1.8
NM_020581	<i>Angptl4</i>	BXD100	7.08E-04	2.2	1.08E-03	2.2
NM_001024851	<i>Ankrd34a</i>	BXD100	2.82E-02	-1.8	1.63E-02	-1.8
NM_001081433	<i>Ankrd44</i>	BXD100	4.99E-02	1.5	NS	NS
NM_028390	<i>Anln</i>	BXD100	2.53E-02	2.0	NS	NS
NM_001277188	<i>Ano4</i>	BXD100	NS	NS	2.70E-02	1.5
NM_001253813	<i>Ano6</i>	BXD100	4.10E-03	1.5	1.82E-02	1.4
NM_026674	<i>Aph1c</i>	BXD100	1.17E-02	1.5	NS	NS
NM_001109914	<i>Apold1</i>	BXD100	1.79E-02	1.8	NS	NS
NM_007481	<i>Arf6</i>	BXD100	NS	NS	1.99E-02	-1.3
NM_009705	<i>Arg2</i>	BXD100	4.66E-02	1.7	NS	NS
NM_001172205	<i>Arid5a</i>	BXD100	8.07E-06	2.8	7.23E-05	2.6
NM_023598	<i>Arid5b</i>	BXD100	1.15E-07	2.1	3.01E-04	1.7
NM_001042591	<i>Arrdc3</i>	BXD100	1.34E-10	3.3	4.09E-06	2.4
NM_001042592	<i>Arrdc4</i>	BXD100	7.08E-04	1.9	NS	NS
NM_007492	<i>Arx</i>	BXD100	NS	NS	3.33E-03	-1.9
NM_019652	<i>Asna1</i>	BXD100	NS	NS	3.50E-02	-1.3
NM_179203	<i>Atad3a</i>	BXD100	NS	NS	5.20E-03	-1.5
NM_001287180	<i>Atf4</i>	BXD100	3.51E-02	-1.4	NS	NS
NM_019426	<i>Atf7ip</i>	BXD100	NS	NS	6.60E-03	1.5
NM_026217	<i>Atg12</i>	BXD100	2.56E-04	1.4	1.22E-02	1.3
NM_001199304	<i>Atxn1</i>	BXD100	NS	NS	2.04E-02	1.4
NM_030235	<i>Avl9</i>	BXD100	3.41E-02	1.3	NS	NS

NM_016847	<i>Avpr1a</i>	BXD100	3.96E-05	-2.3	1.60E-06	-2.6
NM_020025	<i>B3galt2</i>	BXD100	2.21E-02	1.5	3.47E-02	1.5
NM_001122993	<i>B3galt5</i>	BXD100	1.30E-02	1.6	4.07E-02	1.5
NM_001159407	<i>B3gnt5</i>	BXD100	3.47E-04	1.9	3.04E-03	1.7
NM_019835	<i>B4galt5</i>	BXD100	1.01E-02	-1.5	1.67E-03	-1.6
NM_001001182	<i>Baz2b</i>	BXD100	3.32E-02	1.4	1.44E-02	1.5
NM_175325	<i>Bbs4</i>	BXD100	9.62E-04	1.4	6.19E-04	1.4
NM_178415	<i>Bbs9</i>	BXD100	3.95E-02	1.5	NS	NS
NM_027444	<i>Bbx</i>	BXD100	4.02E-02	1.6	NS	NS
NM_001284410	<i>Bcl2l11</i>	BXD100	6.04E-07	2.9	2.11E-07	3.1
NM_001122683	<i>Bdh1</i>	BXD100	3.55E-03	-1.4	3.61E-04	-1.5
NM_173404	<i>Bmp3</i>	BXD100	2.50E-02	-1.7	6.60E-03	-1.8
NM_001277216	<i>Bmpr1b</i>	BXD100	3.88E-02	1.6	NS	NS
NM_001136064	<i>Bscl2</i>	BXD100	2.49E-02	1.4	NS	NS
NM_133889	<i>Bsdc1</i>	BXD100	2.27E-05	1.5	3.33E-03	1.4
NM_007570	<i>Btg2</i>	BXD100	6.36E-03	1.7	8.59E-03	1.7
NM_009770	<i>Btg3</i>	BXD100	2.32E-06	2.4	6.73E-03	1.8
NM_016859	<i>Bysl</i>	BXD100	6.02E-03	-1.7	1.04E-02	-1.7
NM_007573	<i>C1qbp</i>	BXD100	3.07E-02	-1.3	NS	NS
NM_001135172	<i>C1qtnf7</i>	BXD100	1.28E-02	1.8	NS	NS
NM_001146287	<i>Cables1</i>	BXD100	NS	NS	3.08E-03	2.0
NM_001159533	<i>Cacna1c</i>	BXD100	NS	NS	3.44E-02	1.4
NM_026192	<i>Calcoco1</i>	BXD100	NS	NS	3.60E-02	1.4
NM_144817	<i>Camk1g</i>	BXD100	NS	NS	8.57E-03	-1.5
NM_025821	<i>Carhsp1</i>	BXD100	7.23E-03	1.8	NS	NS
NM_007625	<i>Cbx4</i>	BXD100	NS	NS	3.09E-02	-1.4
NM_001081429	<i>Ccdc15</i>	BXD100	NS	NS	4.69E-02	1.6
NM_177716	<i>Ccdc184</i>	BXD100	3.55E-03	-1.6	2.22E-02	-1.5
NM_144820	<i>Ccdc28a</i>	BXD100	NS	NS	3.13E-03	2.0
NM_011337	<i>Ccl3</i>	BXD100	1.52E-03	2.7	NS	NS
NM_007631	<i>Ccnd1</i>	BXD100	2.47E-02	-1.5	NS	NS
NM_009831	<i>Ccng1</i>	BXD100	NS	NS	3.49E-02	1.3
NM_007635	<i>Ccng2</i>	BXD100	NS	NS	3.32E-02	1.4
NM_001114328	<i>Ccp1</i>	BXD100	NS	NS	2.95E-02	1.4
NM_009837	<i>Cct4</i>	BXD100	NS	NS	3.02E-02	-1.3
NM_001170395	<i>Cd163</i>	BXD100	2.45E-02	2.3	NS	NS
NM_007646	<i>Cd38</i>	BXD100	NS	NS	2.37E-02	2.0
NM_009866	<i>Cdh11</i>	BXD100	1.84E-02	-1.5	NS	NS

NM_009875	<i>Cdkn1b</i>	BXD100	2.29E-02	1.4	NS	NS
NM_172447	<i>Cfap69</i>	BXD100	1.01E-02	2.1	NS	NS
NM_001081345	<i>Chd2</i>	BXD100	3.55E-03	1.5	1.99E-02	1.4
NM_001163640	<i>Chn2</i>	BXD100	3.75E-02	1.4	NS	NS
NM_025854	<i>Cir1</i>	BXD100	2.23E-02	1.4	NS	NS
NM_001177770	<i>Clcc1</i>	BXD100	NS	NS	2.01E-02	1.7
NM_001243762	<i>Clcn5</i>	BXD100	1.01E-02	1.6	1.67E-03	1.8
NM_153384	<i>Clrn1</i>	BXD100	3.32E-03	1.9	8.21E-03	1.8
NM_024217	<i>Cmtm3</i>	BXD100	2.29E-02	1.4	NS	NS
NM_009932	<i>Col4a2</i>	BXD100	NS	NS	2.04E-02	1.6
NM_009898	<i>Coro1a</i>	BXD100	9.74E-03	-1.7	1.16E-02	-1.7
NM_001033310	<i>Cox18</i>	BXD100	2.87E-03	-1.5	1.89E-03	-1.5
NM_001252525	<i>Cpeb1</i>	BXD100	9.02E-03	1.9	NS	NS
NM_013499	<i>Cr1l</i>	BXD100	2.54E-02	1.5	NS	NS
NM_172728	<i>Creb5</i>	BXD100	2.70E-06	2.7	4.47E-03	2.0
NM_001110850	<i>Crem</i>	BXD100	1.83E-04	1.9	4.09E-06	2.2
NM_007762	<i>Crhr1</i>	BXD100	1.81E-04	-2.1	9.10E-06	-2.4
NM_030209	<i>Crispld2</i>	BXD100	NS	NS	1.95E-02	2.0
NM_153409	<i>Csrnp3</i>	BXD100	4.64E-02	1.3	NS	NS
NM_007791	<i>Csrp1</i>	BXD100	1.49E-02	1.6	NS	NS
NM_001145799	<i>Ctla2a</i>	BXD100	NS	NS	1.87E-02	1.8
NM_031251	<i>Ctns</i>	BXD100	1.25E-02	1.5	1.94E-02	1.4
NM_016748	<i>Ctps</i>	BXD100	1.96E-02	-1.5	1.04E-02	-1.6
NM_007801	<i>Ctsh</i>	BXD100	1.59E-02	2.1	NS	NS
NM_009984	<i>Ctsl</i>	BXD100	1.25E-02	1.5	NS	NS
NM_153775	<i>Ctu2</i>	BXD100	4.13E-02	-1.6	NS	NS
NM_025567	<i>Cyc1</i>	BXD100	1.05E-02	-1.5	5.67E-03	-1.6
NM_009994	<i>Cyp1b1</i>	BXD100	1.13E-04	2.9	1.14E-05	3.3
NM_001177713	<i>Cyp26b1</i>	BXD100	7.67E-03	-2.1	2.70E-02	-1.9
NM_028979	<i>Cyp2j9</i>	BXD100	5.22E-05	2.2	2.66E-02	1.7
NM_130882	<i>Cyp4f13</i>	BXD100	3.46E-02	1.6	NS	NS
NM_020010	<i>Cyp51</i>	BXD100	2.01E-03	-1.4	5.77E-05	-1.6
NM_010012	<i>Cyp8b1</i>	BXD100	NS	NS	2.66E-02	1.5
NM_010516	<i>Cyr61</i>	BXD100	3.25E-03	1.8	NS	NS
NM_001081365	<i>Cystm1</i>	BXD100	1.63E-02	1.5	NS	NS
NM_172911	<i>D8Ert82e</i>	BXD100	6.77E-03	1.7	NS	NS
NM_001146308	<i>Dbnl</i>	BXD100	NS	NS	5.54E-03	-1.6
NM_001165980	<i>Dcaf17</i>	BXD100	1.17E-02	1.4	NS	NS

NM_153555	<i>Dcaf8</i>	BXD100	4.63E-02	1.2	NS	NS
NM_001080995	<i>Ddias</i>	BXD100	4.22E-02	1.7	NS	NS
NM_007837	<i>Ddit3</i>	BXD100	2.33E-02	1.7	NS	NS
NM_029083	<i>Ddit4</i>	BXD100	1.34E-02	1.7	NS	NS
NM_019553	<i>Ddx21</i>	BXD100	NS	NS	2.62E-04	-1.8
NM_001252457	<i>Ddx39b</i>	BXD100	1.11E-02	-1.3	2.74E-03	-1.4
NM_001282055	<i>Ddx46</i>	BXD100	3.29E-02	-1.4	NS	NS
NM_001037937	<i>Deptor</i>	BXD100	NS	NS	1.81E-02	1.8
NM_053272	<i>Dhcr24</i>	BXD100	5.85E-11	-1.9	7.27E-15	-2.2
NM_025522	<i>Dhrs7</i>	BXD100	6.11E-03	1.7	NS	NS
NM_007842	<i>Dhx9</i>	BXD100	3.57E-02	-1.3	NS	NS
NM_028315	<i>Dis3</i>	BXD100	NS	NS	3.23E-02	-1.5
NM_001042487	<i>Dlgap4</i>	BXD100	2.21E-02	-1.4	NS	NS
NM_001286013	<i>Dlk2</i>	BXD100	NS	NS	3.60E-02	-1.7
NR_002854	<i>Dlx1as</i>	BXD100	NS	NS	2.35E-02	-1.9
NM_009584	<i>Dnajc2</i>	BXD100	NS	NS	2.92E-02	-1.4
NM_001163536	<i>Dnajc5b</i>	BXD100	2.79E-02	-2.0	NS	NS
NM_001285807	<i>Dtna</i>	BXD100	1.56E-03	1.4	2.30E-04	1.5
NM_172442	<i>Dtx4</i>	BXD100	5.55E-03	1.4	NS	NS
NM_013642	<i>Dusp1</i>	BXD100	1.34E-10	2.9	3.33E-10	2.8
NM_019819	<i>Dusp14</i>	BXD100	6.53E-03	1.8	NS	NS
NM_001048054	<i>Dusp16</i>	BXD100	1.63E-07	2.7	2.42E-03	1.9
NM_026268	<i>Dusp6</i>	BXD100	1.50E-03	-1.7	6.22E-03	-1.6
NM_008748	<i>Dusp8</i>	BXD100	3.96E-07	1.6	6.81E-04	1.4
NM_001037957	<i>Dyrk1b</i>	BXD100	NS	NS	1.89E-04	1.6
NM_001289920	<i>E2f3</i>	BXD100	NS	NS	2.37E-02	-1.6
NM_026932	<i>Ebna1bp2</i>	BXD100	1.97E-02	-1.4	NS	NS
NM_001252653	<i>Ecm1</i>	BXD100	NS	NS	3.66E-02	1.6
NM_010104	<i>Edn1</i>	BXD100	3.32E-03	2.7	3.53E-03	2.7
NM_025380	<i>Eef1e1</i>	BXD100	NS	NS	3.12E-03	-1.5
NM_010108	<i>Efna3</i>	BXD100	NS	NS	6.22E-03	-1.5
NM_001289925	<i>Egr3</i>	BXD100	3.02E-09	-3.2	1.67E-04	-2.2
NM_018781	<i>Egr3</i>	BXD100	2.88E-02	-1.7	NS	NS
NM_153068	<i>Ehd2</i>	BXD100	NS	NS	2.21E-02	2.0
NM_010121	<i>Eif2ak3</i>	BXD100	3.39E-02	1.5	2.01E-02	1.5
NM_018749	<i>Eif3d</i>	BXD100	NS	NS	3.66E-02	-1.4
NM_016876	<i>Eif3g</i>	BXD100	NS	NS	3.71E-03	-1.5
NM_138669	<i>Eif4a3</i>	BXD100	3.51E-02	-1.4	NS	NS

NM_007917	<i>Eif4e</i>	BXD100	2.30E-02	-1.3	NS	NS
NM_001177883	<i>Elavl2</i>	BXD100	NS	NS	3.12E-03	-1.4
NM_001253692	<i>Elmod3</i>	BXD100	9.04E-03	1.5	NS	NS
NM_130450	<i>Elovl6</i>	BXD100	1.14E-02	-1.4	NS	NS
NM_175101	<i>Emc3</i>	BXD100	1.54E-02	1.3	NS	NS
NM_001146348	<i>Eng</i>	BXD100	3.23E-02	1.7	NS	NS
NM_134005	<i>Enpp3</i>	BXD100	3.41E-02	1.7	NS	NS
NM_001168620	<i>Enpp5</i>	BXD100	3.66E-04	1.5	NS	NS
NM_175313	<i>Eogt</i>	BXD100	NS	NS	3.57E-02	1.5
NM_010145	<i>Ephx1</i>	BXD100	4.95E-02	2.0	NS	NS
NM_153592	<i>Erlin2</i>	BXD100	4.67E-02	1.4	NS	NS
NM_023612	<i>Esm1</i>	BXD100	3.95E-02	1.8	NS	NS
NM_029250	<i>Etnk1</i>	BXD100	2.96E-02	1.4	NS	NS
NM_008815	<i>Etv4</i>	BXD100	2.79E-03	-1.7	NS	NS
NM_023794	<i>Etv5</i>	BXD100	2.07E-02	-1.6	2.66E-04	-1.9
NM_001252192	<i>Eya1</i>	BXD100	NS	NS	3.95E-02	1.4
NM_007970	<i>Ezh1</i>	BXD100	8.85E-03	1.4	1.05E-02	1.4
NM_010171	<i>F3</i>	BXD100	3.27E-02	1.5	NS	NS
NM_007983	<i>Faf1</i>	BXD100	5.55E-03	-1.4	NS	NS
NM_183187	<i>Fam107a</i>	BXD100	6.60E-07	3.6	1.11E-05	3.2
NM_028672	<i>Fam161a</i>	BXD100	1.31E-02	2.3	NS	NS
NM_182808	<i>Fam19a1</i>	BXD100	NS	NS	2.81E-02	1.5
NM_001113283	<i>Fam214a</i>	BXD100	NS	NS	4.02E-02	1.6
NM_001172216	<i>Fam221a</i>	BXD100	4.09E-02	1.5	NS	NS
NM_178908	<i>Fam26e</i>	BXD100	6.61E-06	2.2	1.06E-03	1.9
NM_175104	<i>Fam53c</i>	BXD100	4.47E-04	2.0	NS	NS
NM_178797	<i>Far2</i>	BXD100	3.95E-02	-1.4	1.06E-03	-1.5
NM_007988	<i>Fasn</i>	BXD100	NS	NS	3.53E-02	-1.4
NM_001081034	<i>Fbxo11</i>	BXD100	1.80E-02	-1.2	NS	NS
NM_172591	<i>Fcho2</i>	BXD100	2.68E-02	1.4	NS	NS
NM_010191	<i>Fdft1</i>	BXD100	2.48E-08	-1.7	6.89E-10	-1.8
NM_001253751	<i>Fdps</i>	BXD100	4.88E-02	-1.5	2.20E-03	-1.7
NM_028263	<i>Fgfbp3</i>	BXD100	NS	NS	2.17E-03	-1.6
NM_001163215	<i>Fgfr3</i>	BXD100	5.48E-05	2.0	1.15E-03	1.8
NM_001164259	<i>Fgfrl1</i>	BXD100	1.42E-02	-1.6	1.15E-02	-1.6
NM_001081243	<i>Filip1</i>	BXD100	NS	NS	3.71E-02	1.7
NM_010219	<i>Fkbp4</i>	BXD100	3.62E-02	-1.3	5.32E-03	-1.4
NM_134080	<i>Flnb</i>	BXD100	NS	NS	7.01E-03	1.7

NM_010228	<i>Flt1</i>	BXD100	NS	NS	2.57E-02	1.4
NM_001159706	<i>Folh1</i>	BXD100	1.08E-03	2.3	3.89E-03	2.1
NM_028428	<i>Fut11</i>	BXD100	3.49E-02	1.4	NS	NS
NM_011817	<i>Gadd45g</i>	BXD100	1.11E-02	2.0	NS	NS
NM_001081421	<i>Galnt16</i>	BXD100	4.07E-02	1.4	NS	NS
NM_173739	<i>Galnt18</i>	BXD100	2.21E-02	-1.7	NS	NS
NM_001190406	<i>Gas2l1</i>	BXD100	2.21E-02	1.5	NS	NS
NM_028022	<i>Gatsl3</i>	BXD100	NS	NS	1.47E-02	2.1
NM_018771	<i>Gipc1</i>	BXD100	NS	NS	4.19E-02	-1.5
NM_010288	<i>Gja1</i>	BXD100	4.19E-02	1.4	NS	NS
NM_001271628	<i>Gja5</i>	BXD100	NS	NS	8.85E-05	2.7
NM_027450	<i>Glipr2</i>	BXD100	4.24E-02	1.6	NS	NS
NM_029102	<i>Glt8d2</i>	BXD100	4.76E-03	2.2	NS	NS
NM_001081418	<i>Gltscr1</i>	BXD100	2.96E-02	-1.7	NS	NS
NM_001100452	<i>Gltscr1l</i>	BXD100	1.31E-02	1.4	NS	NS
ENSMUST0000						NS
0123179	<i>Gm12666</i>	BXD100	3.70E-02	-1.4	NS	
uc008vqj.1	<i>Gm13089</i>	BXD100	4.64E-02	-1.8	NS	NS
ENSMUST0000						NS
0115553	<i>Gm14862</i>	BXD100	3.79E-02	1.6	NS	
NM_001195529	<i>Gm4980</i>	BXD100	3.32E-02	1.6	NS	NS
NM_010313	<i>Gnb5</i>	BXD100	2.38E-02	-1.4	NS	NS
NM_001190414	<i>Gne</i>	BXD100	NS	NS	7.06E-03	-1.5
NM_001177669	<i>Golph3l</i>	BXD100	1.42E-02	1.5	NS	NS
NM_008149	<i>Gpam</i>	BXD100	3.54E-03	1.4	NS	NS
NM_001110809	<i>Gpatch4</i>	BXD100	1.50E-03	-1.8	7.37E-03	-1.7
NM_145965	<i>Gphn</i>	BXD100	2.21E-02	-1.3	NS	NS
NM_027518	<i>Gpr137c</i>	BXD100	4.39E-09	2.2	9.36E-07	2.0
NM_001167694	<i>Gpr19</i>	BXD100	9.04E-03	1.5	NS	NS
NM_173410	<i>Gpr26</i>	BXD100	3.29E-02	-1.5	NS	NS
NM_010338	<i>Gpr37</i>	BXD100	7.08E-03	1.7	4.60E-03	1.7
NM_145066	<i>Gpr85</i>	BXD100	6.34E-03	1.5	1.57E-02	1.5
NM_001195774	<i>Gprc5b</i>	BXD100	1.03E-02	1.5	NS	NS
NM_012014	<i>Gprin1</i>	BXD100	3.15E-02	-1.4	NS	NS
NM_001177874	<i>Gps1</i>	BXD100	NS	NS	3.61E-02	-1.3
NM_173866	<i>Gpt2</i>	BXD100	NS	NS	4.02E-02	1.5
NM_001159507	<i>Grip2</i>	BXD100	NS	NS	4.52E-02	-1.6
NM_001114333	<i>Grm1</i>	BXD100	1.96E-02	1.5	NS	NS
NM_153419	<i>Grwd1</i>	BXD100	NS	NS	5.16E-03	-1.9

NM_010358	<i>Gstm1</i>	BXD100	1.09E-02	1.4	NS	NS
NM_001160411	<i>Gstm4</i>	BXD100	2.21E-02	1.5	NS	NS
NM_001033322	<i>Gucy1a2</i>	BXD100	3.95E-02	1.5	NS	NS
NM_010389	<i>H2-Ob</i>	BXD100	2.70E-02	-1.6	NS	NS
NM_008214	<i>Hars</i>	BXD100	NS	NS	4.58E-02	-1.3
NM_008216	<i>Has2</i>	BXD100	3.25E-03	-2.5	NS	NS
NM_001081192	<i>Hcn4</i>	BXD100	NS	NS	2.01E-02	-1.6
NM_198962	<i>Hcrtr2</i>	BXD100	8.09E-04	-2.0	1.95E-02	-1.7
NM_144835	<i>Heatr1</i>	BXD100	1.14E-02	-1.6	3.04E-03	-1.7
NM_175256	<i>Heg1</i>	BXD100	3.95E-02	1.5	3.50E-03	1.7
NM_001162950	<i>Hif3a</i>	BXD100	4.95E-02	1.9	NS	NS
NM_010432	<i>Hipk1</i>	BXD100	4.64E-02	1.3	NS	NS
NM_025812	<i>Hmg20a</i>	BXD100	4.09E-03	1.5	4.98E-03	1.5
NM_008255	<i>Hmgcr</i>	BXD100	3.45E-06	-1.9	1.24E-04	-1.7
NM_008256	<i>Hmgcs2</i>	BXD100	3.47E-04	2.6	7.32E-03	2.2
NM_007545	<i>Hrk</i>	BXD100	NS	NS	1.74E-03	1.8
NM_010476	<i>Hsd17b7</i>	BXD100	6.24E-05	-1.7	6.28E-05	-1.8
NM_024255	<i>Hsdl2</i>	BXD100	4.95E-03	1.6	NS	NS
NM_010481	<i>Hspa9</i>	BXD100	1.03E-02	-1.4	NS	NS
NM_019564	<i>Htra1</i>	BXD100	2.87E-03	1.8	3.33E-03	1.8
NM_015755	<i>Hunk</i>	BXD100	2.29E-03	-1.9	NS	NS
NM_015790	<i>Icosl</i>	BXD100	1.43E-04	2.1	1.48E-02	1.7
NM_010495	<i>Id1</i>	BXD100	3.66E-04	2.1	NS	NS
NM_031166	<i>Id4</i>	BXD100	7.06E-03	2.2	NS	NS
NM_145360	<i>Idi1</i>	BXD100	1.41E-13	-2.9	3.06E-10	-2.4
NM_001101605	<i>Ifit1bl1</i>	BXD100	1.30E-03	2.3	NS	NS
NM_199157	<i>Ifnk</i>	BXD100	2.21E-02	1.9	NS	NS
NM_013562	<i>Ifrd1</i>	BXD100	3.23E-02	-1.6	3.65E-02	-1.5
NM_010515	<i>Igf2r</i>	BXD100	3.41E-02	1.5	NS	NS
NM_010518	<i>Igfbp5</i>	BXD100	2.83E-02	1.5	NS	NS
NM_001162884	<i>Igsf10</i>	BXD100	1.39E-02	1.7	NS	NS
NM_001123382	<i>Il1r1</i>	BXD100	1.78E-02	1.9	1.98E-02	1.9
NM_023626	<i>Ing3</i>	BXD100	NS	NS	3.95E-02	1.4
NM_172439	<i>Inpp5j</i>	BXD100	1.31E-02	1.7	1.04E-02	1.8
NM_153526	<i>Insig1</i>	BXD100	2.20E-07	-2.4	7.87E-07	-2.3
NM_010568	<i>Insr</i>	BXD100	1.97E-02	1.3	NS	NS
NM_029634	<i>Ip6k2</i>	BXD100	9.93E-03	1.4	NS	NS
NM_001164598	<i>Irf2bp2</i>	BXD100	NS	NS	6.18E-03	1.4

NM_016851	<i>Irf6</i>	BXD100	NS	NS	6.20E-03	1.8
NM_001081212	<i>Irs2</i>	BXD100	2.69E-02	1.5	NS	NS
NM_001276489	<i>Ism1</i>	BXD100	3.23E-02	1.8	NS	NS
NM_177290	<i>Itgb8</i>	BXD100	2.70E-02	1.6	NS	NS
NM_001168277	<i>Jazf1</i>	BXD100	3.41E-02	-1.5	NS	NS
NM_033398	<i>Jmjd6</i>	BXD100	NS	NS	2.66E-02	-1.4
NM_010591	<i>Jun</i>	BXD100	5.70E-17	4.0	1.05E-13	3.3
NM_001286944	<i>Jund</i>	BXD100	2.41E-05	1.8	2.63E-02	1.5
NM_001081134	<i>Kcng1</i>	BXD100	2.61E-05	-2.2	2.03E-03	-1.9
NM_008428	<i>Kcnj8</i>	BXD100	NS	NS	3.66E-02	-1.8
NM_001033525	<i>Kcnk6</i>	BXD100	NS	NS	2.20E-02	1.6
NM_032397	<i>Kcnn1</i>	BXD100	1.14E-02	-1.7	NS	NS
NM_026200	<i>Kcnv1</i>	BXD100	NS	NS	1.10E-02	-1.7
NM_026135	<i>Kctd16</i>	BXD100	NS	NS	2.66E-02	1.6
NM_026214	<i>Kctd4</i>	BXD100	NS	NS	6.39E-03	1.4
NM_011317	<i>Khdrbs1</i>	BXD100	NS	NS	2.41E-03	-1.5
NM_001145779	<i>Kif2a</i>	BXD100	NS	NS	3.44E-02	-1.3
NM_008451	<i>Klc2</i>	BXD100	4.40E-02	-1.3	NS	NS
NM_078477	<i>Klf16</i>	BXD100	8.43E-03	-1.6	1.75E-04	-1.9
NM_011803	<i>Klf6</i>	BXD100	NS	NS	1.82E-02	-1.5
NM_153128	<i>Klhl12</i>	BXD100	4.87E-02	1.5	NS	NS
NM_029436	<i>Klhl24</i>	BXD100	8.43E-03	1.4	1.22E-02	1.4
NM_178741	<i>Klhl8</i>	BXD100	NS	NS	4.66E-02	-1.5
NM_010655	<i>Kpna2</i>	BXD100	5.35E-03	-1.5	3.50E-03	-1.5
NM_008481	<i>Lama2</i>	BXD100	NS	NS	2.66E-02	1.8
NM_001077398	<i>Ldb2</i>	BXD100	NS	NS	3.71E-02	-1.5
NM_001252658	<i>Ldlr</i>	BXD100	6.94E-05	-2.4	2.00E-05	-2.5
NM_173012	<i>Letm2</i>	BXD100	2.21E-02	1.6	NS	NS
NM_134093	<i>Letmd1</i>	BXD100	4.07E-02	1.3	NS	NS
NM_008494	<i>Lfng</i>	BXD100	3.44E-06	1.9	NS	NS
NM_001199043	<i>Lgals8</i>	BXD100	NS	NS	1.69E-02	1.5
NM_001113386	<i>Lifr</i>	BXD100	4.95E-02	1.4	NS	NS
NM_013860	<i>Limd1</i>	BXD100	3.15E-02	1.9	NS	NS
NM_181074	<i>Lingo1</i>	BXD100	1.13E-04	-1.4	2.21E-02	-1.3
NM_001013758	<i>Lingo3</i>	BXD100	2.81E-02	-1.5	NS	NS
NM_201529	<i>Lmo7</i>	BXD100	NS	NS	4.59E-03	1.5
NM_001159577	<i>Lnx1</i>	BXD100	1.93E-02	1.7	NS	NS
NM_145376	<i>Lpcat1</i>	BXD100	NS	NS	2.00E-02	-1.3

NM_001145952	<i>Lpp</i>	BXD100	1.91E-02	1.7	2.27E-02	1.6
NM_001146048	<i>Lrrc1</i>	BXD100	3.46E-03	2.0	NS	NS
NM_145152	<i>Lrrc3</i>	BXD100	4.24E-02	-1.6	NS	NS
NM_133807	<i>Lrrc59</i>	BXD100	4.21E-02	-1.3	3.53E-02	-1.3
NM_010732	<i>Lrrn2</i>	BXD100	2.03E-03	-1.7	NS	NS
NM_001271416	<i>Ly6a</i>	BXD100	NS	NS	1.89E-03	2.3
NM_001252055	<i>Ly6c1</i>	BXD100	6.49E-04	2.6	2.30E-04	2.7
NM_053201	<i>Magee1</i>	BXD100	3.23E-02	-1.3	NS	NS
NM_001029850	<i>Magi1</i>	BXD100	4.48E-02	1.3	NS	NS
NM_001171187	<i>Mal</i>	BXD100	3.93E-02	1.7	1.09E-03	2.1
NM_010764	<i>Man2b1</i>	BXD100	NS	NS	4.00E-02	1.6
NM_011948	<i>Map3k4</i>	BXD100	NS	NS	1.04E-02	1.6
NM_011161	<i>Mapk11</i>	BXD100	NS	NS	4.09E-02	-1.6
NM_001045483	<i>Mapk1ip1</i>	BXD100	NS	NS	9.02E-03	1.4
NM_011841	<i>Mapk7</i>	BXD100	4.48E-03	-1.5	3.04E-03	-1.5
NM_175171	<i>Mast4</i>	BXD100	NS	NS	6.39E-03	1.4
NM_010770	<i>Matn3</i>	BXD100	NS	NS	4.95E-02	-1.6
NM_010773	<i>Mbd2</i>	BXD100	NS	NS	1.14E-02	1.4
NM_175341	<i>Mbnl2</i>	BXD100	NS	NS	6.89E-04	1.6
NM_008563	<i>Mcm3</i>	BXD100	1.03E-03	-2.0	NS	NS
NM_008566	<i>Mcm5</i>	BXD100	1.76E-02	-1.8	NS	NS
NM_008587	<i>Mertk</i>	BXD100	8.69E-03	2.0	2.08E-03	2.2
NM_008591	<i>Met</i>	BXD100	NS	NS	3.67E-02	-1.7
NM_027334	<i>Mettl7a1</i>	BXD100	7.89E-04	1.9	NS	NS
NM_029662	<i>Mfsd2a</i>	BXD100	1.20E-02	1.6	NS	NS
NM_023799	<i>Mgea5</i>	BXD100	1.95E-04	1.4	8.80E-04	1.4
NM_021565	<i>Midn</i>	BXD100	1.74E-02	-1.4	NS	NS
NM_001243584	<i>Mif4gd</i>	BXD100	2.00E-02	1.6	NS	NS
NM_001122667	<i>Mkl2</i>	BXD100	NS	NS	4.06E-02	1.3
NM_001285487	<i>Mknk1</i>	BXD100	3.57E-02	1.6	NS	NS
NM_008609	<i>Mmp15</i>	BXD100	9.04E-03	-1.6	6.60E-03	-1.6
NM_023773	<i>Mphosph8</i>	BXD100	NS	NS	1.15E-02	-1.5
NM_001101482	<i>Mrap2</i>	BXD100	8.30E-03	1.8	NS	NS
NM_027204	<i>Mrpl12</i>	BXD100	NS	NS	3.11E-02	-1.4
NM_026490	<i>Mrpl19</i>	BXD100	NS	NS	3.23E-02	-1.3
NM_053164	<i>Mrpl43</i>	BXD100	NS	NS	8.35E-04	-1.7
NM_026035	<i>Mrpl55</i>	BXD100	NS	NS	1.81E-02	-1.5
NM_025436	<i>Msmo1</i>	BXD100	2.39E-08	-2.6	1.27E-06	-2.4

NM_010834	<i>Mstn</i>	BXD100	3.41E-02	2.0	NS	NS
NM_013602	<i>Mt1</i>	BXD100	3.96E-07	2.0	7.56E-04	1.7
NM_008630	<i>Mt2</i>	BXD100	4.43E-10	3.6	4.00E-06	2.7
NM_023431	<i>Mum1</i>	BXD100	NS	NS	3.09E-02	-1.4
NM_001164630	<i>Mum1l1</i>	BXD100	4.19E-02	1.7	NS	NS
NM_138656	<i>Mvd</i>	BXD100	6.60E-07	-2.4	3.11E-07	-2.5
NM_023556	<i>Mvk</i>	BXD100	NS	NS	4.82E-02	-1.6
NM_010753	<i>Mxd4</i>	BXD100	6.64E-03	1.7	NS	NS
NM_001008542	<i>Mxi1</i>	BXD100	3.01E-11	2.1	2.55E-06	1.7
NM_001171615	<i>Myt1</i>	BXD100	2.00E-02	1.6	6.99E-03	1.6
NM_001024917	<i>N4bp2</i>	BXD100	6.11E-03	1.7	NS	NS
NM_030153	<i>Naa35</i>	BXD100	NS	NS	3.60E-02	-1.4
NM_001040395	<i>Nadk2</i>	BXD100	2.28E-03	1.5	NS	NS
NM_001081475	<i>Nasp</i>	BXD100	NS	NS	1.91E-02	-1.6
NM_001114085	<i>Nde1</i>	BXD100	4.19E-02	1.5	8.10E-03	1.7
NM_023239	<i>Ndn12</i>	BXD100	8.07E-03	1.7	NS	NS
NM_001145959	<i>Ndr2</i>	BXD100	NS	NS	2.91E-02	1.3
NM_027244	<i>Ndufa11</i>	BXD100	NS	NS	3.89E-02	-1.4
NM_026742	<i>Ndufaf4</i>	BXD100	1.80E-06	-1.8	1.44E-02	-1.4
NM_028757	<i>Nebl</i>	BXD100	NS	NS	4.44E-02	1.6
NM_001111324	<i>Nedd9</i>	BXD100	1.93E-02	1.5	NS	NS
NM_010904	<i>Nefh</i>	BXD100	3.40E-02	-1.8	NS	NS
NM_010914	<i>Nfyb</i>	BXD100	NS	NS	4.97E-02	-1.3
NM_001048168	<i>Nfyc</i>	BXD100	NS	NS	2.37E-02	-1.4
NM_026472	<i>Nifk</i>	BXD100	NS	NS	2.66E-02	-1.3
NM_207204	<i>Ninl</i>	BXD100	2.93E-02	-1.7	NS	NS
NM_145469	<i>Nipal2</i>	BXD100	1.44E-02	1.5	NS	NS
NM_028995	<i>Nipal3</i>	BXD100	1.30E-03	1.8	NS	NS
NM_001163387	<i>Nlgn1</i>	BXD100	NS	NS	1.94E-02	1.3
NM_029447	<i>Nln</i>	BXD100	2.17E-02	-1.5	NS	NS
NM_080637	<i>Nme5</i>	BXD100	4.99E-02	1.9	NS	NS
NM_021303	<i>Noc2l</i>	BXD100	NS	NS	8.35E-04	-1.6
NM_009834	<i>Noct</i>	BXD100	NS	NS	4.92E-04	-1.7
NM_001008421	<i>Nol10</i>	BXD100	1.30E-03	-1.8	5.32E-03	-1.7
NM_001001986	<i>Nol4l</i>	BXD100	1.74E-03	-1.6	3.62E-03	-1.6
NM_024193	<i>Nop56</i>	BXD100	2.87E-03	-1.7	NS	NS
NM_018868	<i>Nop58</i>	BXD100	NS	NS	1.45E-02	-1.4
NM_010342	<i>Npbwr1</i>	BXD100	3.93E-02	1.6	NS	NS

NM_028749	<i>Npl</i>	BXD100	4.19E-02	1.6	NS	NS
NM_008723	<i>Npm3</i>	BXD100	NS	NS	4.98E-03	-1.7
NM_015743	<i>Nr4a3</i>	BXD100	2.21E-02	-1.4	NS	NS
NM_010941	<i>Nsdhl</i>	BXD100	NS	NS	4.50E-03	-1.4
NM_001164363	<i>Nt5c2</i>	BXD100	3.49E-04	1.5	3.81E-02	1.3
NM_001190179	<i>Nup35</i>	BXD100	3.72E-02	-1.4	NS	NS
NM_008751	<i>Nxph1</i>	BXD100	NS	NS	2.57E-02	-1.4
NM_001161430	<i>Nxt2</i>	BXD100	2.51E-02	1.4	NS	NS
NM_146796	<i>Olfr1499</i>	BXD100	4.76E-02	-1.7	NS	NS
NM_145517	<i>Ormdl1</i>	BXD100	2.76E-02	1.6	NS	NS
NM_001134791	<i>Osbpl9</i>	BXD100	9.62E-06	1.5	3.53E-05	1.5
NM_001008497	<i>P2ry14</i>	BXD100	4.41E-02	1.9	NS	NS
NM_026420	<i>Paip2</i>	BXD100	2.61E-04	1.4	2.46E-02	1.3
NM_146169	<i>Paip2b</i>	BXD100	NS	NS	2.63E-02	1.5
NM_028829	<i>Paqr8</i>	BXD100	1.01E-03	1.6	2.12E-04	1.6
NM_177460	<i>Parp16</i>	BXD100	5.37E-04	1.9	NS	NS
NM_145619	<i>Parp3</i>	BXD100	NS	NS	4.95E-02	1.7
NM_011865	<i>Pcbp1</i>	BXD100	1.17E-02	-1.4	4.17E-02	-1.3
NM_183028	<i>Pcmttd1</i>	BXD100	NS	NS	3.79E-02	1.3
NM_153594	<i>Pcmttd2</i>	BXD100	2.98E-03	1.7	1.30E-02	1.6
NM_024229	<i>Pcyt2</i>	BXD100	9.15E-03	-1.6	NS	NS
NM_001177980	<i>Pde4b</i>	BXD100	8.97E-04	1.5	NS	NS
NM_008808	<i>Pdgfa</i>	BXD100	NS	NS	6.60E-03	-1.5
NM_011057	<i>Pdgfb</i>	BXD100	3.29E-02	-1.6	NS	NS
NM_001163794	<i>Pdik1l</i>	BXD100	NS	NS	4.95E-02	-1.4
NM_013743	<i>Pdk4</i>	BXD100	1.63E-02	1.7	NS	NS
NM_016861	<i>Pdlim1</i>	BXD100	4.07E-02	2.0	1.63E-02	2.1
NM_001159367	<i>Per1</i>	BXD100	7.59E-05	1.9	1.74E-03	1.7
NM_022889	<i>Pes1</i>	BXD100	2.21E-02	-1.3	NS	NS
NM_134025	<i>Pex12</i>	BXD100	4.76E-02	1.5	NS	NS
NM_025954	<i>Pgp</i>	BXD100	NS	NS	2.40E-02	-1.4
NM_008831	<i>Phb</i>	BXD100	NS	NS	5.04E-03	-1.4
NM_024250	<i>Phf10</i>	BXD100	2.07E-02	-1.4	NS	NS
NM_001109690	<i>Phf21a</i>	BXD100	4.68E-02	1.5	NS	NS
NM_053191	<i>Pi15</i>	BXD100	3.27E-02	1.8	NS	NS
NM_001145926	<i>Pianp</i>	BXD100	NS	NS	4.06E-02	-1.5
NM_178149	<i>Pik3ip1</i>	BXD100	1.55E-07	2.7	3.84E-04	2.0
NM_001024955	<i>Pik3r1</i>	BXD100	1.41E-13	2.1	1.87E-15	2.3

NM_145478	<i>Pim3</i>	BXD100	2.44E-02	-1.8	NS	NS
NM_028228	<i>Pinx1</i>	BXD100	NS	NS	1.04E-02	-1.6
NM_139269	<i>Pla2g16</i>	BXD100	2.00E-02	2.0	NS	NS
NM_001004762	<i>Pla2g4c</i>	BXD100	3.81E-02	-1.8	NS	NS
NM_008872	<i>Plat</i>	BXD100	5.23E-05	2.0	2.27E-02	1.6
NM_152813	<i>Plcd3</i>	BXD100	8.47E-03	1.7	1.53E-02	1.7
NM_001081456	<i>Plcd4</i>	BXD100	3.85E-03	1.8	2.78E-02	1.6
NM_001033253	<i>Plekhg1</i>	BXD100	1.90E-04	1.9	9.10E-06	2.1
NM_013807	<i>Plk3</i>	BXD100	1.48E-04	-1.9	1.08E-04	-1.9
NM_008884	<i>Pml</i>	BXD100	NS	NS	3.79E-02	1.5
NM_025443	<i>Pno1</i>	BXD100	NS	NS	4.90E-02	-1.5
NM_001033225	<i>Pnrc1</i>	BXD100	3.07E-02	1.3	NS	NS
NM_026383	<i>Pnrc2</i>	BXD100	6.79E-04	1.6	8.92E-03	1.4
NM_009086	<i>Polr1b</i>	BXD100	NS	NS	5.46E-03	-1.8
NM_029763	<i>Polr3f</i>	BXD100	NS	NS	3.35E-02	-1.4
NM_133249	<i>Ppargc1b</i>	BXD100	NS	NS	1.97E-02	-1.7
NM_008014	<i>Ppm1g</i>	BXD100	NS	NS	1.32E-03	-1.4
NM_008889	<i>Ppp1r14b</i>	BXD100	NS	NS	2.61E-02	-1.5
NM_027242	<i>Ppp1r35</i>	BXD100	NS	NS	2.92E-02	-1.6
NM_001161362	<i>Ppp2r3a</i>	BXD100	2.85E-02	1.4	NS	NS
NM_001164198	<i>Prkacb</i>	BXD100	1.06E-02	1.4	NS	NS
NM_001252476	<i>Prmt1</i>	BXD100	NS	NS	1.35E-03	-1.7
NM_145404	<i>Prmt7</i>	BXD100	4.54E-04	-1.6	2.59E-03	-1.5
NM_201371	<i>Prmt8</i>	BXD100	1.20E-04	-1.4	2.08E-03	-1.4
NM_027626	<i>Psd3</i>	BXD100	NS	NS	1.35E-02	1.4
NM_177698	<i>Psd3</i>	BXD100	NS	NS	3.32E-02	1.3
NM_011186	<i>Psmb5</i>	BXD100	NS	NS	3.09E-02	-1.4
NM_008950	<i>Psmc5</i>	BXD100	NS	NS	2.70E-02	-1.4
NM_025550	<i>Psmc6</i>	BXD100	NS	NS	2.21E-02	-1.4
NM_025682	<i>Pspc1</i>	BXD100	3.49E-02	-1.5	NS	NS
NM_133783	<i>Ptges2</i>	BXD100	NS	NS	2.04E-02	-1.6
NM_001109992	<i>Ptpn11</i>	BXD100	1.00E-02	1.3	NS	NS
NM_001163565	<i>Ptpn5</i>	BXD100	NS	NS	2.69E-02	-1.3
NM_025831	<i>Pxdc1</i>	BXD100	3.32E-02	1.5	NS	NS
NM_145458	<i>Pxk</i>	BXD100	1.15E-02	1.3	NS	NS
NM_029494	<i>Rab30</i>	BXD100	1.75E-06	1.9	1.59E-07	2.0
NM_029781	<i>Rab36</i>	BXD100	6.91E-03	1.5	NS	NS
NM_175122	<i>Rab39b</i>	BXD100	4.37E-02	1.3	NS	NS

NM_001038621	<i>Rabgap1l</i>	BXD100	2.86E-03	1.4	1.79E-04	1.5
NM_001099624	<i>Rapgef2</i>	BXD100	1.01E-08	1.8	1.30E-08	1.8
NM_001252494	<i>Rapgef6</i>	BXD100	9.78E-09	2.3	7.65E-07	2.1
NM_001176528	<i>Rara</i>	BXD100	1.34E-04	-1.8	NS	NS
NM_009025	<i>Rasa3</i>	BXD100	2.47E-02	-1.5	1.06E-03	-1.7
NM_011246	<i>Rasgrp1</i>	BXD100	1.54E-02	-1.5	NS	NS
NM_009029	<i>Rb1</i>	BXD100	2.21E-02	-1.3	NS	NS
NM_028234	<i>Rbm33</i>	BXD100	2.46E-03	1.5	3.81E-02	1.4
NM_001039080	<i>Rbms2</i>	BXD100	3.15E-02	1.7	NS	NS
NM_001081549	<i>Rcan1</i>	BXD100	3.43E-03	1.5	3.71E-02	1.4
NM_001286653	<i>Rcan2</i>	BXD100	1.76E-02	1.4	NS	NS
NM_009037	<i>Rcn1</i>	BXD100	2.56E-02	1.4	NS	NS
NM_026446	<i>Rgs19</i>	BXD100	5.69E-03	-1.7	NS	NS
NM_009062	<i>Rgs4</i>	BXD100	3.06E-03	1.6	9.73E-03	1.6
NM_007483	<i>Rhob</i>	BXD100	1.09E-02	1.4	NS	NS
NM_153514	<i>Rhobtb2</i>	BXD100	1.78E-02	-1.5	2.12E-02	-1.5
NM_024288	<i>Rmnd5a</i>	BXD100	NS	NS	3.67E-02	1.3
NM_011882	<i>Rnasel</i>	BXD100	NS	NS	6.99E-03	1.7
NM_026301	<i>Rnf125</i>	BXD100	2.00E-02	1.8	NS	NS
NM_025999	<i>Rnf141</i>	BXD100	NS	NS	4.82E-02	1.3
NM_001166553	<i>Rnf145</i>	BXD100	6.94E-05	-1.6	8.30E-05	-1.6
NM_001160368	<i>Rnf152</i>	BXD100	1.32E-02	1.6	NS	NS
NM_175388	<i>Rnf169</i>	BXD100	1.39E-02	1.5	NS	NS
NM_028783	<i>Robo4</i>	BXD100	1.96E-02	1.6	NS	NS
NM_001042556	<i>Rpf2</i>	BXD100	NS	NS	2.11E-02	-1.4
NM_133982	<i>Rpp25</i>	BXD100	NS	NS	2.08E-03	-1.8
NM_146244	<i>Rps6kl1</i>	BXD100	2.81E-02	1.6	3.81E-04	1.9
NM_199447	<i>Rrp12</i>	BXD100	1.63E-02	-1.7	4.25E-02	-1.7
NM_001081174	<i>Rsg1</i>	BXD100	9.04E-03	2.0	NS	NS
NM_001136227	<i>Rtkn</i>	BXD100	NS	NS	4.07E-02	1.5
NM_130892	<i>Rtn4ip1</i>	BXD100	NS	NS	4.40E-02	-1.5
NM_007901	<i>S1pr1</i>	BXD100	8.29E-03	1.7	NS	NS
NM_016926	<i>Sart3</i>	BXD100	3.30E-02	-1.5	NS	NS
NM_175155	<i>Sash1</i>	BXD100	4.46E-02	1.4	NS	NS
NM_172769	<i>Sc5d</i>	BXD100	NS	NS	1.99E-02	-1.3
NM_009127	<i>Scd1</i>	BXD100	9.02E-03	-1.5	NS	NS
NM_011324	<i>Scnn1a</i>	BXD100	4.87E-02	1.8	NS	NS
NM_027268	<i>Scrn1</i>	BXD100	3.83E-02	-1.2	NS	NS

NM_011521	<i>Sdc4</i>	BXD100	2.15E-06	2.9	1.80E-05	2.7
NM_024206	<i>Sec13</i>	BXD100	NS	NS	3.09E-02	-1.5
NM_011342	<i>Sec22b</i>	BXD100	4.50E-02	1.3	NS	NS
NM_172588	<i>Serinc5</i>	BXD100	NS	NS	2.65E-02	1.5
NM_001013370	<i>Sesn1</i>	BXD100	5.24E-03	1.6	NS	NS
NM_030261	<i>Sesn3</i>	BXD100	1.80E-06	1.7	1.15E-02	1.4
NM_001040398	<i>Setd1b</i>	BXD100	1.28E-02	-1.6	NS	NS
NM_001168525	<i>Sgms1</i>	BXD100	7.08E-04	2.2	4.40E-02	1.8
NM_009167	<i>Shc3</i>	BXD100	2.21E-02	-1.3	1.47E-02	-1.3
NM_001168505	<i>Shoc2</i>	BXD100	NS	NS	3.81E-02	-1.2
NM_001286538	<i>Sigmar1</i>	BXD100	8.85E-03	-1.5	1.15E-03	-1.6
NM_013612	<i>Slc11a1</i>	BXD100	NS	NS	2.03E-02	1.8
NM_027921	<i>Slc16a14</i>	BXD100	4.96E-03	1.6	NS	NS
NM_001029842	<i>Slc16a6</i>	BXD100	2.75E-02	1.9	NS	NS
NM_001159593	<i>Slc20a1</i>	BXD100	5.96E-03	-1.4	1.24E-02	-1.4
NM_138756	<i>Slc25a36</i>	BXD100	NS	NS	2.21E-02	1.4
NM_001009949	<i>Slc25a51</i>	BXD100	2.83E-02	1.4	NS	NS
NM_011977	<i>Slc27a1</i>	BXD100	1.42E-02	1.4	NS	NS
NM_007854	<i>Slc29a2</i>	BXD100	NS	NS	2.21E-02	-1.7
NM_023596	<i>Slc29a3</i>	BXD100	6.27E-03	1.5	8.91E-03	1.5
NM_011400	<i>Slc2a1</i>	BXD100	1.10E-06	2.4	4.63E-03	1.8
NM_175121	<i>Slc38a2</i>	BXD100	3.70E-02	1.3	NS	NS
NM_001012305	<i>Slc39a12</i>	BXD100	9.04E-03	1.7	4.07E-02	1.5
NM_026244	<i>Slc39a9</i>	BXD100	2.29E-02	1.3	NS	NS
NM_001199283	<i>Slc43a2</i>	BXD100	1.53E-04	1.8	2.94E-03	1.6
NM_001081263	<i>Slc44a5</i>	BXD100	2.87E-06	1.9	1.65E-08	2.2
NM_029643	<i>Slc52a2</i>	BXD100	4.66E-02	-1.5	3.50E-02	-1.5
NM_001164819	<i>Slc52a3</i>	BXD100	NS	NS	1.95E-02	1.7
NM_007515	<i>Slc7a3</i>	BXD100	2.22E-02	1.6	NS	NS
NM_012030	<i>Slc9a3r1</i>	BXD100	3.69E-02	-1.4	NS	NS
NM_177909	<i>Slc9a9</i>	BXD100	2.99E-02	1.5	NS	NS
NM_001038643	<i>Slco3a1</i>	BXD100	2.59E-03	-1.5	2.38E-03	-1.5
NM_008539	<i>Smad1</i>	BXD100	9.10E-05	1.6	NS	NS
NM_001252481	<i>Smad2</i>	BXD100	4.87E-03	-1.5	1.85E-02	-1.5
NM_031842	<i>Smarcd1</i>	BXD100	NS	NS	4.07E-02	-1.3
NM_134133	<i>Smim3</i>	BXD100	NS	NS	3.20E-02	1.9
NM_026796	<i>Smyd2</i>	BXD100	NS	NS	3.37E-03	-1.5
NM_009226	<i>Snrpd1</i>	BXD100	NS	NS	1.30E-02	-1.5

NM_026095	<i>Snrpd3</i>	BXD100	3.72E-02	-1.3	NS	NS
NM_001190156	<i>Snx7</i>	BXD100	3.41E-02	-1.4	NS	NS
NM_001034962	<i>Sorbs1</i>	BXD100	4.84E-03	1.4	1.82E-03	1.4
NM_146126	<i>Sord</i>	BXD100	1.38E-03	1.8	NS	NS
NM_001289464	<i>Sox17</i>	BXD100	NS	NS	2.35E-02	1.7
NM_009236	<i>Sox18</i>	BXD100	NS	NS	2.87E-02	1.9
NM_001025428	<i>Spag9</i>	BXD100	6.92E-04	1.5	1.80E-03	1.4
NM_182927	<i>Spred3</i>	BXD100	4.54E-04	-2.2	2.86E-04	-2.3
NM_011898	<i>Spry4</i>	BXD100	1.47E-04	-2.1	2.08E-03	-1.9
NM_009270	<i>Sqle</i>	BXD100	1.14E-03	-1.6	4.09E-06	-1.8
NM_033218	<i>Srebf2</i>	BXD100	NS	NS	1.84E-02	-1.3
NM_009272	<i>Srm</i>	BXD100	1.80E-03	-1.5	1.03E-03	-1.5
NM_016795	<i>Srpkl</i>	BXD100	7.59E-05	-1.7	2.35E-02	-1.4
NM_001080387	<i>Srsf10</i>	BXD100	3.41E-02	-1.4	NS	NS
NM_011358	<i>Srsf2</i>	BXD100	4.72E-03	-1.5	2.87E-02	-1.4
NM_001195485	<i>Srsf7</i>	BXD100	2.21E-02	-1.6	1.99E-02	-1.6
NM_001252505	<i>St6gal1</i>	BXD100	3.75E-02	1.5	NS	NS
NM_013666	<i>St8sia5</i>	BXD100	NS	NS	4.07E-02	-1.6
NM_133774	<i>Stard4</i>	BXD100	1.08E-04	-2.0	6.48E-05	-2.1
NM_019675	<i>Stmn4</i>	BXD100	NS	NS	3.32E-02	1.5
NM_013515	<i>Stom</i>	BXD100	2.85E-02	1.9	3.71E-02	1.9
NM_153563	<i>Strip1</i>	BXD100	1.53E-04	-1.5	1.06E-03	-1.4
NM_011505	<i>Stxbp4</i>	BXD100	7.67E-03	1.6	4.88E-02	1.5
NM_133670	<i>Sult1a1</i>	BXD100	3.53E-03	2.8	2.04E-02	2.4
NM_001164495	<i>Syn3</i>	BXD100	1.48E-02	1.4	3.19E-02	1.4
NM_153399	<i>Syne1</i>	BXD100	NS	NS	2.45E-02	1.5
NM_001005510	<i>Syne2</i>	BXD100	1.41E-02	1.5	NS	NS
NM_001040085	<i>Sytl2</i>	BXD100	6.02E-03	1.8	2.22E-04	2.2
NM_020024	<i>Taf10</i>	BXD100	NS	NS	2.39E-02	-1.3
NM_001177798	<i>Taf6l</i>	BXD100	NS	NS	2.39E-02	-1.7
NM_181275	<i>Tas2r139</i>	BXD100	3.41E-02	1.7	NS	NS
NM_146008	<i>Tcp11l2</i>	BXD100	3.29E-02	1.6	NS	NS
NM_009368	<i>Tgfb3</i>	BXD100	3.41E-02	2.0	NS	NS
NM_009381	<i>Thrsp</i>	BXD100	3.09E-02	1.6	NS	NS
NM_144543	<i>Thyn1</i>	BXD100	NS	NS	4.50E-02	-1.4
NM_026708	<i>Tlcl1</i>	BXD100	NS	NS	3.44E-02	-1.4
NM_133211	<i>Tlr7</i>	BXD100	NS	NS	1.95E-02	1.9
NM_177412	<i>Tmcc1</i>	BXD100	NS	NS	2.43E-02	1.4

NM_172541	<i>Tmem120a</i>	BXD100	4.46E-03	-1.7	NS	NS
NM_177344	<i>Tmem203</i>	BXD100	NS	NS	1.99E-02	-1.7
NM_183160	<i>Tmem252</i>	BXD100	4.46E-02	1.7	NS	NS
NM_001289727	<i>Tmem255a</i>	BXD100	2.99E-02	2.1	NS	NS
NM_001081283	<i>Tmem28</i>	BXD100	NS	NS	4.17E-02	-1.6
NM_177861	<i>Tmem67</i>	BXD100	6.90E-03	1.7	NS	NS
NM_021793	<i>Tmem8</i>	BXD100	4.36E-02	1.7	NS	NS
NM_133706	<i>Tmem97</i>	BXD100	NS	NS	2.01E-02	-1.7
NM_011607	<i>Tnc</i>	BXD100	9.63E-03	-1.6	NS	NS
NM_001048267	<i>Tnpo1</i>	BXD100	1.17E-04	1.6	1.79E-04	1.6
NM_144812	<i>Tnrc6b</i>	BXD100	2.76E-02	1.5	2.47E-03	1.6
NM_001109748	<i>Tomm40</i>	BXD100	5.91E-05	-1.6	NS	NS
NM_001170488	<i>Tprkb</i>	BXD100	3.29E-02	1.5	NS	NS
NM_029979	<i>Trim35</i>	BXD100	NS	NS	4.17E-02	-1.4
NM_001170855	<i>Trim36</i>	BXD100	NS	NS	1.07E-02	-2.1
NM_178110	<i>Trim62</i>	BXD100	1.45E-02	-1.5	NS	NS
NM_001167994	<i>Trmt2b</i>	BXD100	2.81E-02	1.7	NS	NS
NM_001099792	<i>Trmt61a</i>	BXD100	3.06E-03	-1.7	NS	NS
NM_013735	<i>Trp53bp1</i>	BXD100	NS	NS	2.76E-02	-1.4
NM_173378	<i>Trp53bp2</i>	BXD100	1.84E-02	1.6	NS	NS
NM_001282086	<i>Trpc6</i>	BXD100	2.85E-02	-1.7	NS	NS
NM_032000	<i>Trps1</i>	BXD100	NS	NS	4.13E-02	1.4
NM_001177751	<i>Tsc22d1</i>	BXD100	2.21E-02	1.2	NS	NS
NM_001077364	<i>Tsc22d3</i>	BXD100	7.23E-03	1.8	NS	NS
NM_183099	<i>Tssk5</i>	BXD100	3.83E-02	1.4	NS	NS
NM_146116	<i>Tubb4b</i>	BXD100	NS	NS	4.34E-03	-1.4
NM_023053	<i>Twsg1</i>	BXD100	3.06E-02	1.4	NS	NS
NM_001009935	<i>Txnip</i>	BXD100	8.40E-10	5.5	1.30E-08	4.9
NM_176860	<i>Ubash3b</i>	BXD100	3.90E-03	-1.7	NS	NS
NM_001169576	<i>Ube2h</i>	BXD100	1.81E-04	1.6	1.95E-05	1.7
NM_016723	<i>Uchl3</i>	BXD100	4.36E-02	-1.4	NS	NS
NM_030724	<i>Uck2</i>	BXD100	1.59E-02	-1.3	4.49E-02	-1.3
NM_001081132	<i>Upf2</i>	BXD100	3.55E-03	1.7	9.96E-03	1.6
NM_009462	<i>Usp10</i>	BXD100	1.45E-02	-1.3	2.38E-02	-1.3
NM_030180	<i>Usp54</i>	BXD100	3.96E-02	1.6	3.03E-03	1.8
NM_001013375	<i>Utp18</i>	BXD100	2.21E-02	-1.4	NS	NS
NM_175158	<i>Utp20</i>	BXD100	NS	NS	1.22E-02	-1.7
NM_001039385	<i>Vgf</i>	BXD100	2.10E-03	-2.2	2.17E-03	-2.2

NM_145967	<i>Vstm2a</i>	BXD100	NS	NS	2.20E-03	-1.4
NM_001172152	<i>Wdr17</i>	BXD100	NS	NS	3.60E-02	-1.4
NM_175450	<i>Wdr18</i>	BXD100	NS	NS	4.01E-02	-1.5
NM_020603	<i>Wdr46</i>	BXD100	1.94E-02	-1.7	1.97E-02	-1.7
NM_134139	<i>Wdr74</i>	BXD100	NS	NS	4.06E-02	-1.4
NM_009516	<i>Wee1</i>	BXD100	NS	NS	3.61E-02	-1.4
NM_023395	<i>Wfdc1</i>	BXD100	NS	NS	2.11E-02	1.8
NM_011273	<i>Xpr1</i>	BXD100	2.45E-02	1.3	NS	NS
NM_001005341	<i>Ypel2</i>	BXD100	3.13E-02	1.8	NS	NS
NM_025347	<i>Ypel3</i>	BXD100	4.42E-02	1.3	NS	NS
NM_001005342	<i>Ypel4</i>	BXD100	2.77E-06	3.1	1.11E-05	2.9
NM_027166	<i>Ypel5</i>	BXD100	1.75E-06	1.7	8.85E-05	1.6
NM_001163013	<i>Ythdc2</i>	BXD100	5.12E-03	-1.7	NS	NS
NM_028106	<i>Zbed3</i>	BXD100	3.55E-03	1.6	NS	NS
NM_173181	<i>Zc2hc1a</i>	BXD100	NS	NS	2.57E-02	-1.4
NM_028325	<i>Zcchc12</i>	BXD100	2.67E-02	1.9	NS	NS
NM_001113399	<i>Zfp385b</i>	BXD100	4.00E-02	1.4	NS	NS
NM_001110309	<i>Zfp426</i>	BXD100	2.12E-03	1.6	6.60E-03	1.5
NM_175513	<i>Zfp804a</i>	BXD100	6.53E-03	-1.4	NS	NS
NM_001267583	<i>Zfp811</i>	BXD100	NS	NS	4.32E-03	1.6
NM_001105557	<i>Zfp938</i>	BXD100	4.55E-02	1.3	4.92E-02	1.3
NM_172738	<i>Zfp954</i>	BXD100	1.25E-02	1.6	NS	NS
NM_183154	<i>Zfyve1</i>	BXD100	3.84E-02	1.4	NS	NS
NM_001252584	<i>Zmynd8</i>	BXD100	NS	NS	2.03E-03	1.7
NM_001205367	<i>-44446</i>	BXD60	8.80E-03	-1.3	NS	NS
NM_021446	<i>0610007P14Rik</i>	BXD60	NS	NS	3.71E-02	-1.3
NM_001083880	<i>1600012H06Rik</i>	BXD60	1.54E-02	1.5	NS	NS
NM_028820	<i>1700017B05Rik</i>	BXD60	1.92E-02	1.4	NS	NS
NM_144953	<i>1700019D03Rik</i>	BXD60	NS	NS	4.53E-02	1.6
NR_045177	<i>2900055J20Rik</i>	BXD60	2.14E-03	1.7	NS	NS
NM_027017	<i>3300002I08Rik</i>	BXD60	1.09E-02	1.6	NS	NS
NM_001033273	<i>5031439G07Rik</i>	BXD60	4.54E-04	1.4	3.14E-02	1.3
NM_001033304	<i>5330417C22Rik</i>	BXD60	8.26E-03	1.6	NS	NS
NM_027472	<i>5730455P16Rik</i>	BXD60	6.84E-04	1.6	NS	NS
NM_029964	<i>6030468B19Rik</i>	BXD60	9.80E-03	-1.7	NS	NS
NM_001123370	<i>9030025P20Rik</i>	BXD60	1.16E-02	1.5	NS	NS
NM_001142969	<i>A630073D07Rik</i>	BXD60	1.77E-02	2.6	NS	NS
NM_001167925	<i>A730017C20Rik</i>	BXD60	3.93E-05	1.4	1.67E-02	1.2

NR_015488	<i>A930003A15Rik</i>	BXD60	4.58E-02	1.7	1.52E-07	3.2
NR_033609	<i>A930017M01Rik</i>	BXD60	3.98E-05	2.1	1.20E-03	1.9
NM_001033336	<i>Abcc4</i>	BXD60	3.00E-02	1.7	NS	NS
NM_008991	<i>Abcd3</i>	BXD60	3.92E-02	-1.3	NS	NS
NM_009593	<i>Abcg1</i>	BXD60	1.35E-02	1.8	NS	NS
NM_001110271	<i>Abhd14a</i>	BXD60	1.62E-02	1.6	NS	NS
NM_134130	<i>Abhd3</i>	BXD60	1.41E-02	1.7	NS	NS
NM_025341	<i>Abhd6</i>	BXD60	2.73E-02	1.4	NS	NS
NM_025826	<i>Acadsb</i>	BXD60	NS	NS	4.06E-03	1.7
NM_009338	<i>Acat2</i>	BXD60	2.21E-02	-1.4	NS	NS
NM_153151	<i>Acat3</i>	BXD60	4.05E-02	-1.4	NS	NS
NM_139306	<i>Acer2</i>	BXD60	2.08E-02	2.0	NS	NS
NM_001199296	<i>Acly</i>	BXD60	4.85E-02	-1.3	NS	NS
NM_001270996	<i>Adam9</i>	BXD60	1.47E-03	1.4	NS	NS
NM_001163290	<i>Adck3</i>	BXD60	1.66E-02	1.7	NS	NS
NM_001025372	<i>Adcyap1r1</i>	BXD60	1.50E-03	1.5	NS	NS
NM_054053	<i>Adgrv1</i>	BXD60	1.43E-02	2.0	NS	NS
NM_001289656	<i>Agbl3</i>	BXD60	3.07E-02	1.5	NS	NS
NM_178162	<i>Agfg2</i>	BXD60	5.75E-03	-1.8	7.21E-03	-1.8
NM_153177	<i>Ago4</i>	BXD60	4.25E-02	1.6	NS	NS
NM_026644	<i>Agpat4</i>	BXD60	1.97E-02	1.3	1.27E-02	1.4
uc008hme.1	<i>AI606181</i>	BXD60	2.68E-03	1.9	NS	NS
NM_001172146	<i>Aimp2</i>	BXD60	1.06E-03	-1.9	NS	NS
NM_001035532	<i>Akap2</i>	BXD60	1.04E-03	1.6	NS	NS
NM_017476	<i>Akap8l</i>	BXD60	7.57E-04	1.5	NS	NS
NM_019698	<i>Aldh18a1</i>	BXD60	3.25E-02	1.7	NS	NS
NM_009657	<i>Aldoc</i>	BXD60	2.28E-03	1.4	NS	NS
NM_025538	<i>Alkbh7</i>	BXD60	NS	NS	2.38E-02	-1.5
NM_001159948	<i>Als2</i>	BXD60	4.93E-02	1.4	NS	NS
NM_001276301	<i>Ampd3</i>	BXD60	8.24E-04	1.9	NS	NS
NM_001190371	<i>Ankrd29</i>	BXD60	3.95E-03	1.6	NS	NS
NM_001024851	<i>Ankrd34a</i>	BXD60	1.46E-02	-1.8	NS	NS
ENSMUST0000						NS
0105593	<i>Ankrd65</i>	BXD60	4.39E-02	-1.6	NS	
NM_001128103	<i>Ano3</i>	BXD60	5.19E-03	2.0	NS	NS
NM_001253813	<i>Ano6</i>	BXD60	3.69E-02	1.4	NS	NS
NM_007460	<i>Ap3d1</i>	BXD60	1.74E-02	-1.2	NS	NS
NM_011789	<i>Apc2</i>	BXD60	3.87E-02	1.5	NS	NS

NM_026674	<i>Aph1c</i>	BXD60	4.91E-02	1.4	NS	NS
NM_001109914	<i>Apold1</i>	BXD60	5.95E-03	1.9	9.96E-03	1.9
NM_175105	<i>Aqp11</i>	BXD60	2.70E-04	1.7	NS	NS
NM_009705	<i>Arg2</i>	BXD60	2.78E-02	1.7	NS	NS
NM_001172205	<i>Arid5a</i>	BXD60	7.11E-07	3.1	2.86E-03	2.2
NM_023598	<i>Arid5b</i>	BXD60	5.94E-04	1.7	1.29E-03	1.7
NM_172595	<i>Arl15</i>	BXD60	4.79E-02	1.5	NS	NS
NM_027870	<i>Armxc3</i>	BXD60	6.62E-03	1.4	NS	NS
NM_007488	<i>Arnt2</i>	BXD60	1.26E-02	-1.4	NS	NS
NM_001289679	<i>Arntl2</i>	BXD60	1.55E-03	2.4	NS	NS
NM_001042591	<i>Arrdc3</i>	BXD60	4.01E-13	4.1	7.09E-07	2.6
NM_001042592	<i>Arrdc4</i>	BXD60	5.90E-04	1.9	2.51E-02	1.7
NM_007492	<i>Arx</i>	BXD60	NS	NS	8.49E-03	-1.8
NM_001276461	<i>Asap1</i>	BXD60	3.08E-02	-1.3	NS	NS
NM_001029895	<i>Ate1</i>	BXD60	NS	NS	3.18E-02	-1.3
NM_001287180	<i>Atf4</i>	BXD60	1.64E-03	-1.6	2.04E-02	-1.5
NM_001081304	<i>Atf6</i>	BXD60	5.08E-03	1.4	NS	NS
NM_019426	<i>Atf7ip</i>	BXD60	NS	NS	3.68E-02	1.5
NM_026217	<i>Atg12</i>	BXD60	6.84E-04	1.4	2.02E-02	1.3
NM_026402	<i>Atg3</i>	BXD60	3.49E-02	-1.3	NS	NS
NM_001145967	<i>Atg4c</i>	BXD60	2.28E-02	1.5	NS	NS
NM_007881	<i>Atn1</i>	BXD60	4.17E-02	-1.3	NS	NS
NM_001243049	<i>Atp6v0a1</i>	BXD60	1.56E-02	1.3	NS	NS
NM_025272	<i>Atp6v0e</i>	BXD60	5.54E-04	2.1	NS	NS
NM_027855	<i>Atraid</i>	BXD60	8.20E-04	1.5	4.67E-02	1.4
NM_009125	<i>Atxn2</i>	BXD60	7.56E-04	-1.4	1.63E-02	-1.3
NM_016847	<i>Avpr1a</i>	BXD60	3.68E-02	-1.6	NS	NS
NM_001104646	<i>AW209491</i>	BXD60	1.19E-02	1.5	NS	NS
NM_001122993	<i>B3galt5</i>	BXD60	5.12E-06	2.2	NS	NS
NM_001159407	<i>B3gnt5</i>	BXD60	6.87E-03	1.6	1.69E-02	1.6
NM_145222	<i>B3gnt7</i>	BXD60	3.49E-02	-1.5	NS	NS
NM_007519	<i>Baat</i>	BXD60	4.36E-02	1.6	NS	NS
NM_013863	<i>Bag3</i>	BXD60	3.75E-02	1.6	NS	NS
NM_027404	<i>Bag5</i>	BXD60	1.05E-02	-1.5	NS	NS
NM_175325	<i>Bbs4</i>	BXD60	5.95E-03	1.3	1.30E-02	1.4
NM_027444	<i>Bbx</i>	BXD60	3.10E-03	1.8	NS	NS
NM_001001332	<i>BC117090</i>	BXD60	4.96E-02	-1.8	NS	NS
NM_001024468	<i>Bcat1</i>	BXD60	2.22E-06	1.7	NS	NS

NM_001284410	<i>Bcl2l11</i>	BXD60	5.60E-06	2.7	6.07E-07	3.0
NM_001277216	<i>Bmpr1b</i>	BXD60	5.93E-03	1.8	2.77E-02	1.7
NM_026396	<i>Brix1</i>	BXD60	3.36E-02	-1.4	NS	NS
NM_001037756	<i>Brms1l</i>	BXD60	2.40E-02	-1.4	NS	NS
NM_133889	<i>Bsdc1</i>	BXD60	5.12E-06	1.6	4.24E-03	1.4
NM_027060	<i>Btbd9</i>	BXD60	9.03E-05	1.6	NS	NS
NM_007570	<i>Btg2</i>	BXD60	4.49E-05	2.1	1.39E-03	1.9
NM_009770	<i>Btg3</i>	BXD60	6.02E-03	1.8	4.22E-03	1.9
NM_016859	<i>Bysl</i>	BXD60	NS	NS	4.12E-02	-1.6
NM_001252533	<i>Cacnb2</i>	BXD60	5.62E-03	1.4	NS	NS
NM_001199301	<i>Cacng5</i>	BXD60	2.29E-03	1.8	NS	NS
NM_026192	<i>Calcoco1</i>	BXD60	1.09E-03	1.6	NS	NS
NM_133926	<i>Camk1</i>	BXD60	1.74E-02	-1.6	NS	NS
NM_144817	<i>Camk1g</i>	BXD60	2.41E-05	-1.7	9.32E-04	-1.6
NM_009797	<i>Capza1</i>	BXD60	3.50E-02	-1.4	NS	NS
NM_001271353	<i>Cbs</i>	BXD60	2.81E-02	1.4	NS	NS
NM_007625	<i>Cbx4</i>	BXD60	NS	NS	1.29E-02	-1.4
NM_026201	<i>Ccar1</i>	BXD60	NS	NS	4.84E-02	-1.4
NM_029779	<i>Ccdc116</i>	BXD60	8.25E-03	-1.7	NS	NS
NM_177716	<i>Ccdc184</i>	BXD60	3.10E-03	-1.6	NS	NS
NM_144820	<i>Ccdc28a</i>	BXD60	1.81E-02	1.8	4.97E-02	1.7
NM_026009	<i>Ccdc47</i>	BXD60	2.99E-03	1.4	NS	NS
NM_025602	<i>Ccdc59</i>	BXD60	NS	NS	3.14E-02	-1.6
NM_007631	<i>Ccnd1</i>	BXD60	1.40E-03	-1.6	4.13E-04	-1.7
NM_009831	<i>Ccng1</i>	BXD60	1.30E-02	1.3	NS	NS
NM_007635	<i>Ccng2</i>	BXD60	5.26E-04	1.7	NS	NS
NM_025422	<i>Cd302</i>	BXD60	8.51E-04	1.9	NS	NS
NM_001111060	<i>Cd59a</i>	BXD60	1.40E-02	2.0	NS	NS
NM_001042605	<i>Cd74</i>	BXD60	7.93E-03	2.6	NS	NS
NM_001289915	<i>Cd83</i>	BXD60	3.49E-02	1.6	NS	NS
NM_177613	<i>Cdc34</i>	BXD60	2.79E-02	-1.6	NS	NS
NM_001161623	<i>Cdc45</i>	BXD60	4.66E-02	1.5	NS	NS
NM_007661	<i>Cdk11b</i>	BXD60	1.13E-02	-1.5	NS	NS
NM_001109626	<i>Cdk12</i>	BXD60	9.09E-03	1.6	NS	NS
NM_001168304	<i>Cdk19</i>	BXD60	3.61E-02	1.3	3.96E-03	1.5
NM_016756	<i>Cdk2</i>	BXD60	NS	NS	4.29E-02	-1.6
NM_009874	<i>Cdk7</i>	BXD60	6.75E-04	-1.7	NS	NS
NM_021339	<i>Cdon</i>	BXD60	4.59E-02	1.6	NS	NS

NM_026014	<i>Cdt1</i>	BXD60	NS	NS	1.23E-02	-1.8
NM_001134426	<i>Cdv3</i>	BXD60	8.20E-04	-1.4	NS	NS
NM_001159364	<i>Cep97</i>	BXD60	4.66E-02	1.5	NS	NS
NM_001081345	<i>Chd2</i>	BXD60	1.68E-03	1.5	2.62E-02	1.4
NM_138585	<i>Cherp</i>	BXD60	3.00E-02	-1.3	NS	NS
NM_009767	<i>Chic1</i>	BXD60	5.65E-03	1.8	NS	NS
NM_026885	<i>Chmp2a</i>	BXD60	4.89E-02	1.4	NS	NS
NM_023215	<i>Chtop</i>	BXD60	NS	NS	1.51E-02	-1.3
NM_025296	<i>Ciao1</i>	BXD60	3.83E-02	1.5	NS	NS
NM_001033302	<i>Ciart</i>	BXD60	6.96E-03	-2.3	1.24E-02	-2.3
NM_025854	<i>Cir1</i>	BXD60	NS	NS	2.51E-02	1.4
NM_001177770	<i>Clcc1</i>	BXD60	6.84E-04	1.9	NS	NS
NM_007711	<i>Clcn3</i>	BXD60	2.35E-02	1.3	NS	NS
NM_001243762	<i>Clcn5</i>	BXD60	9.20E-09	2.6	2.03E-03	1.8
NM_009902	<i>Cldn3</i>	BXD60	6.76E-03	2.1	NS	NS
NM_009191	<i>Clpb</i>	BXD60	4.59E-02	1.4	NS	NS
NM_024217	<i>Cmtm3</i>	BXD60	1.90E-02	1.4	NS	NS
NM_026066	<i>Cmtm5</i>	BXD60	2.40E-03	1.5	NS	NS
NM_007725	<i>Cnn2</i>	BXD60	3.00E-02	-1.6	NS	NS
NM_033570	<i>Cnnm4</i>	BXD60	1.35E-03	2.0	NS	NS
NM_026977	<i>Cnppd1</i>	BXD60	1.17E-03	1.6	NS	NS
NM_178612	<i>Cnpy4</i>	BXD60	8.91E-03	1.5	NS	NS
NM_001081653	<i>Cntnap5c</i>	BXD60	4.97E-02	1.4	NS	NS
NM_178599	<i>Comm8</i>	BXD60	4.91E-03	1.4	NS	NS
NM_001039710	<i>Coq10b</i>	BXD60	NS	NS	3.52E-02	-1.5
NM_009898	<i>Coro1a</i>	BXD60	NS	NS	2.38E-02	-1.7
NM_001252525	<i>Cpeb1</i>	BXD60	3.14E-02	1.7	NS	NS
NM_011957	<i>Creb3l1</i>	BXD60	4.90E-02	-1.7	NS	NS
NM_172728	<i>Creb5</i>	BXD60	NS	NS	3.84E-02	1.8
NM_170597	<i>Creg2</i>	BXD60	4.82E-02	1.5	NS	NS
NM_001110850	<i>Crem</i>	BXD60	2.14E-03	1.7	3.46E-05	2.1
NM_007762	<i>Crhr1</i>	BXD60	3.92E-03	-1.8	NS	NS
NM_009963	<i>Cry2</i>	BXD60	2.13E-03	1.4	NS	NS
NM_023565	<i>Cse1l</i>	BXD60	1.74E-02	-1.3	NS	NS
NM_026493	<i>Cspp1</i>	BXD60	2.40E-02	-1.5	NS	NS
NM_153409	<i>Csrnp3</i>	BXD60	3.98E-03	1.4	NS	NS
NM_007791	<i>Csrp1</i>	BXD60	2.73E-02	1.6	NS	NS
NM_016748	<i>Ctps</i>	BXD60	1.95E-02	-1.5	NS	NS

NM_009984	<i>Ctsl</i>	BXD60	3.50E-02	1.4	NS	NS
NM_009994	<i>Cyp1b1</i>	BXD60	2.76E-02	2.0	NS	NS
NM_028979	<i>Cyp2j9</i>	BXD60	7.31E-05	2.2	4.50E-02	1.6
NM_134127	<i>Cyp4f15</i>	BXD60	1.95E-02	1.8	NS	NS
NM_020010	<i>Cyp51</i>	BXD60	4.84E-03	-1.4	2.70E-02	-1.3
NM_001033279	<i>D17Wsu92e</i>	BXD60	6.61E-03	1.4	NS	NS
NM_001008231	<i>Daam2</i>	BXD60	2.14E-02	1.5	NS	NS
NM_172826	<i>Dact2</i>	BXD60	7.92E-04	1.9	NS	NS
NM_198114	<i>Dagla</i>	BXD60	2.79E-02	1.5	NS	NS
NM_001285917	<i>Dapk1</i>	BXD60	2.28E-02	1.3	NS	NS
NM_011932	<i>Dapp1</i>	BXD60	2.20E-02	1.7	NS	NS
NM_001195496	<i>Dclk2</i>	BXD60	1.29E-02	1.3	NS	NS
NM_001080995	<i>Ddias</i>	BXD60	3.52E-02	1.6	4.26E-02	1.7
NM_019553	<i>Ddx21</i>	BXD60	8.63E-03	-1.5	1.36E-04	-1.8
NM_001252457	<i>Ddx39b</i>	BXD60	NS	NS	2.29E-03	-1.4
NM_001037752	<i>Defb45</i>	BXD60	4.68E-02	-1.9	NS	NS
NM_172477	<i>Dennd2a</i>	BXD60	4.87E-02	1.6	NS	NS
NM_033562	<i>Derl2</i>	BXD60	4.82E-02	1.4	NS	NS
NM_053272	<i>Dhcr24</i>	BXD60	2.64E-06	-1.6	2.13E-06	-1.6
NM_025522	<i>Dhrs7</i>	BXD60	2.08E-02	1.6	NS	NS
NM_172594	<i>Dhx29</i>	BXD60	3.85E-03	-1.5	NS	NS
NM_025447	<i>Dimt1</i>	BXD60	1.33E-02	-1.4	NS	NS
NM_025926	<i>Dnajb4</i>	BXD60	2.14E-03	1.5	5.93E-04	1.5
NM_001163026	<i>Dnajc13</i>	BXD60	5.95E-03	-1.5	NS	NS
NM_029669	<i>Dnajc18</i>	BXD60	4.33E-02	1.3	NS	NS
NM_009584	<i>Dnajc2</i>	BXD60	5.98E-03	-1.5	NS	NS
NM_001099738	<i>Dnajc28</i>	BXD60	3.31E-02	1.6	NS	NS
NM_001199431	<i>Dnmt1</i>	BXD60	NS	NS	2.67E-03	-1.8
NM_172803	<i>Dock4</i>	BXD60	2.71E-02	1.4	NS	NS
NM_007875	<i>Dpagt1</i>	BXD60	4.33E-02	1.5	NS	NS
NM_172624	<i>Dpp9</i>	BXD60	3.88E-02	-1.5	NS	NS
NM_013503	<i>Drd5</i>	BXD60	2.79E-02	1.6	NS	NS
NM_023842	<i>Dsp</i>	BXD60	1.40E-02	1.9	NS	NS
NM_001285807	<i>Dtna</i>	BXD60	7.58E-07	1.6	5.79E-03	1.4
NM_172442	<i>Dtx4</i>	BXD60	8.86E-05	1.6	NS	NS
NM_013642	<i>Dusp1</i>	BXD60	2.84E-10	2.8	9.07E-09	2.6
NM_019819	<i>Dusp14</i>	BXD60	1.80E-02	1.7	NS	NS
NM_001048054	<i>Dusp16</i>	BXD60	2.26E-06	2.5	2.28E-04	2.1

NM_176933	<i>Dusp4</i>	BXD60	NS	NS	4.84E-02	-1.6
NM_001085390	<i>Dusp5</i>	BXD60	2.13E-02	-1.6	NS	NS
NM_026268	<i>Dusp6</i>	BXD60	1.51E-03	-1.7	NS	NS
NM_008748	<i>Dusp8</i>	BXD60	2.21E-10	1.8	4.97E-07	1.6
NM_172859	<i>Dzank1</i>	BXD60	3.18E-02	1.6	NS	NS
NM_001110331	<i>Eci2</i>	BXD60	2.29E-03	1.5	NS	NS
NM_145537	<i>Edem2</i>	BXD60	NS	NS	3.14E-02	1.4
NM_010104	<i>Edn1</i>	BXD60	7.18E-03	2.4	4.38E-03	2.7
NM_025380	<i>Eef1e1</i>	BXD60	6.82E-05	-1.6	NS	NS
NM_025994	<i>Efh2</i>	BXD60	NS	NS	3.86E-02	-1.6
NM_010111	<i>Efnb2</i>	BXD60	1.95E-02	-1.5	NS	NS
NM_019397	<i>Egfl6</i>	BXD60	6.75E-04	2.2	NS	NS
NM_001289925	<i>Egr3</i>	BXD60	4.61E-06	-2.5	1.61E-04	-2.2
NM_018781	<i>Egr3</i>	BXD60	NS	NS	3.46E-02	-1.7
NM_010121	<i>Eif2ak3</i>	BXD60	4.58E-02	1.4	1.54E-02	1.6
NM_016876	<i>Eif3g</i>	BXD60	5.19E-03	-1.5	NS	NS
NM_145625	<i>Eif4b</i>	BXD60	2.16E-02	1.3	NS	NS
NM_175522	<i>Elfn1</i>	BXD60	8.90E-04	-2.0	NS	NS
NM_001170691	<i>Elmod2</i>	BXD60	8.48E-03	1.5	NS	NS
NM_001253692	<i>Elmod3</i>	BXD60	1.64E-04	1.7	NS	NS
NM_175101	<i>Emc3</i>	BXD60	1.72E-02	1.3	NS	NS
NM_198299	<i>Enkd1</i>	BXD60	3.43E-02	-1.5	NS	NS
NM_001168620	<i>Enpp5</i>	BXD60	2.51E-02	1.3	NS	NS
NM_001026214	<i>Entpd5</i>	BXD60	7.15E-04	1.8	NS	NS
NM_175313	<i>Eogt</i>	BXD60	7.88E-03	1.6	NS	NS
NM_013512	<i>Epb41l4a</i>	BXD60	2.47E-03	-1.5	NS	NS
NM_013513	<i>Epb42</i>	BXD60	1.76E-02	-1.7	NS	NS
NM_007938	<i>Epha6</i>	BXD60	3.80E-02	1.6	NS	NS
NM_015769	<i>Ercc4</i>	BXD60	1.19E-02	1.5	NS	NS
NM_010155	<i>Erf</i>	BXD60	3.09E-02	-1.6	NS	NS
NM_001034891	<i>Ermard</i>	BXD60	1.40E-02	1.5	NS	NS
NM_023913	<i>Ern1</i>	BXD60	2.28E-02	1.4	NS	NS
NM_029250	<i>Etnk1</i>	BXD60	4.25E-02	1.3	NS	NS
NM_001163154	<i>Etv1</i>	BXD60	9.03E-05	-1.8	NS	NS
NM_001083318	<i>Etv3</i>	BXD60	2.72E-02	1.6	NS	NS
NM_008815	<i>Etv4</i>	BXD60	9.18E-04	-1.7	2.04E-03	-1.7
NM_023794	<i>Etv5</i>	BXD60	5.25E-06	-2.2	3.12E-04	-1.9
NM_001283061	<i>Ewsr1</i>	BXD60	1.23E-02	-1.6	NS	NS

NM_001163514	<i>Extl2</i>	BXD60	1.76E-03	1.5	NS	NS
NM_007970	<i>Ezh1</i>	BXD60	2.53E-02	1.3	NS	NS
NM_010171	<i>F3</i>	BXD60	4.79E-02	1.5	3.92E-03	1.7
NM_023480	<i>Fahd1</i>	BXD60	4.25E-02	-1.6	NS	NS
NM_001163567	<i>Fam102b</i>	BXD60	3.95E-03	1.3	NS	NS
NM_001242423	<i>Fam105a</i>	BXD60	1.30E-02	1.7	NS	NS
NM_183187	<i>Fam107a</i>	BXD60	8.67E-07	3.6	1.03E-03	2.6
NM_001034851	<i>Fam134b</i>	BXD60	NS	NS	9.96E-03	1.4
NM_026501	<i>Fam134c</i>	BXD60	6.52E-03	1.8	NS	NS
NM_153574	<i>Fam13a</i>	BXD60	5.13E-04	2.0	NS	NS
NM_001033231	<i>Fam195b</i>	BXD60	4.72E-02	-1.5	NS	NS
NM_182808	<i>Fam19a1</i>	BXD60	1.64E-03	1.6	3.14E-02	1.5
NM_153782	<i>Fam20a</i>	BXD60	6.68E-03	1.8	NS	NS
NM_178908	<i>Fam26e</i>	BXD60	4.61E-06	2.3	1.32E-06	2.4
NM_001160378	<i>Fam46a</i>	BXD60	3.49E-02	1.6	NS	NS
NM_175104	<i>Fam53c</i>	BXD60	3.81E-03	1.8	6.77E-03	1.8
NM_177893	<i>Fan1</i>	BXD60	5.26E-04	2.0	NS	NS
NM_178797	<i>Far2</i>	BXD60	4.28E-04	-1.6	1.11E-02	-1.4
NM_007991	<i>Fbl</i>	BXD60	2.35E-02	-1.3	3.68E-02	-1.4
NM_001024142	<i>Fbxo10</i>	BXD60	2.49E-03	1.8	NS	NS
NM_001163702	<i>Fbxo27</i>	BXD60	1.17E-02	1.6	NS	NS
NM_134136	<i>Fbxo38</i>	BXD60	2.76E-02	1.4	NS	NS
NM_015791	<i>Fbxo8</i>	BXD60	2.02E-02	1.4	NS	NS
NM_010191	<i>Fdft1</i>	BXD60	2.64E-06	-1.5	2.04E-05	-1.5
NM_001253751	<i>Fdps</i>	BXD60	3.34E-02	-1.5	NS	NS
NM_015759	<i>Fgd3</i>	BXD60	1.52E-02	-1.7	NS	NS
NM_010197	<i>Fgf1</i>	BXD60	8.63E-03	1.9	NS	NS
NM_010201	<i>Fgf14</i>	BXD60	2.49E-02	1.5	NS	NS
NM_028263	<i>Fgfbp3</i>	BXD60	2.41E-02	-1.5	NS	NS
NM_001163215	<i>Fgfr3</i>	BXD60	1.44E-03	1.8	NS	NS
NM_001164259	<i>Fgfrl1</i>	BXD60	1.03E-02	-1.6	1.35E-02	-1.6
NM_008013	<i>Fgl2</i>	BXD60	6.83E-05	1.9	NS	NS
NM_153573	<i>Fkbp14</i>	BXD60	7.40E-03	1.7	NS	NS
NM_010219	<i>Fkbp4</i>	BXD60	4.10E-03	-1.4	NS	NS
NM_022009	<i>Flii</i>	BXD60	1.74E-02	-1.5	NS	NS
NM_001077698	<i>Fmnl1</i>	BXD60	NS	NS	4.26E-02	-1.7
NM_001038699	<i>Fn3k</i>	BXD60	NS	NS	3.14E-02	1.7
NM_181420	<i>Fn3krp</i>	BXD60	4.91E-03	1.6	NS	NS

NM_001159706	<i>Folh1</i>	BXD60	1.25E-02	1.9	NS	NS
NM_018789	<i>Foxo4</i>	BXD60	8.80E-03	1.9	NS	NS
NM_001081172	<i>Frmpd1</i>	BXD60	4.31E-02	1.5	NS	NS
NM_025799	<i>Fuca2</i>	BXD60	1.59E-02	1.4	NS	NS
NM_028058	<i>Fundc1</i>	BXD60	8.70E-03	1.5	NS	NS
NM_001012517	<i>Fut10</i>	BXD60	NS	NS	3.12E-02	1.9
NM_021458	<i>Fzd3</i>	BXD60	3.52E-02	1.3	NS	NS
NM_001162494	<i>Fzd6</i>	BXD60	3.82E-02	1.5	NS	NS
NM_008065	<i>Gabpa</i>	BXD60	1.30E-02	1.4	NS	NS
NM_010252	<i>Gabrg1</i>	BXD60	3.75E-02	1.5	NS	NS
NM_001160404	<i>Galnt1</i>	BXD60	2.41E-02	1.4	NS	NS
NM_001081421	<i>Galnt16</i>	BXD60	1.73E-04	1.7	NS	NS
NM_010256	<i>Gart</i>	BXD60	NS	NS	1.68E-02	-1.6
NM_030719	<i>Gatsl2</i>	BXD60	4.92E-03	1.6	NS	NS
NM_001161712	<i>Gcat</i>	BXD60	3.25E-02	-1.6	NS	NS
NM_182694	<i>Ggn</i>	BXD60	1.03E-02	-1.7	NS	NS
NM_010288	<i>Gja1</i>	BXD60	2.69E-02	1.4	NS	NS
ENSMUST0000						NS
0108014	<i>Gm10985</i>	BXD60	2.43E-02	-2.0	NS	
NR_040366	<i>Gm15446</i>	BXD60	1.51E-02	1.4	NS	NS
ENSMUST0000						NS
0180340	<i>Gm20926</i>	BXD60	3.87E-02	-1.6	NS	
ENSMUST0000						-2.6
0177775	<i>Gm21095</i>	BXD60	NS	NS	1.12E-02	
ENSMUST0000						-2.9
0179811	<i>Gm21760</i>	BXD60	NS	NS	1.40E-02	
ENSMUST0000						NS
0178374	<i>Gm21874</i>	BXD60	2.57E-02	1.9	NS	
NM_001177715	<i>Gm2897</i>	BXD60	3.68E-02	-1.5	NS	NS
ENSMUST0000						NS
0164069	<i>Gm3047</i>	BXD60	2.81E-02	-1.9	NS	
ENSMUST0000						NS
0167882	<i>Gm3460</i>	BXD60	3.68E-02	-1.8	NS	
ENSMUST0000						NS
0097935	<i>Gm6471</i>	BXD60	1.70E-02	-1.7	NS	
ENSMUST0000						NS
0163738	<i>Gm8159</i>	BXD60	1.90E-02	-2.0	NS	
ENSMUST0000						NS
0171636	<i>Gm8297</i>	BXD60	3.74E-02	-1.9	NS	
NM_177992	<i>Gmpr2</i>	BXD60	NS	NS	3.15E-02	1.5
NM_001190414	<i>Gne</i>	BXD60	NS	NS	2.02E-02	-1.5
NM_010317	<i>Gng4</i>	BXD60	4.19E-02	-1.4	NS	NS

NM_153547	<i>Gnl3</i>	BXD60	5.54E-03	-1.7	NS	NS
NM_001035122	<i>Golm1</i>	BXD60	6.84E-04	1.7	NS	NS
NM_008149	<i>Gpam</i>	BXD60	2.48E-04	1.5	2.72E-02	1.3
NM_001110809	<i>Gpatch4</i>	BXD60	4.50E-02	-1.5	NS	NS
NM_027518	<i>Gpr137c</i>	BXD60	8.32E-10	2.3	6.06E-09	2.3
NM_001190297	<i>Gpr155</i>	BXD60	2.76E-02	1.5	NS	NS
NM_177366	<i>Gpr157</i>	BXD60	NS	NS	4.39E-02	1.7
NM_001004761	<i>Gpr158</i>	BXD60	4.79E-02	1.6	NS	NS
NM_001167694	<i>Gpr19</i>	BXD60	2.36E-03	1.6	NS	NS
NM_010338	<i>Gpr37</i>	BXD60	5.12E-06	2.2	NS	NS
NM_175490	<i>Gpr75</i>	BXD60	4.99E-02	1.3	NS	NS
NM_145066	<i>Gpr85</i>	BXD60	5.60E-06	1.9	1.54E-03	1.6
NM_001195774	<i>Gprc5b</i>	BXD60	2.43E-02	1.5	NS	NS
NM_029522	<i>Gpsm2</i>	BXD60	5.54E-04	1.9	NS	NS
NM_173866	<i>Gpt2</i>	BXD60	1.77E-02	1.6	NS	NS
NM_172768	<i>Gramd1b</i>	BXD60	1.52E-02	1.4	NS	NS
NM_080289	<i>Grhpr</i>	BXD60	8.48E-03	1.7	NS	NS
NM_018869	<i>Grk5</i>	BXD60	1.55E-02	1.5	NS	NS
NM_001114333	<i>Grm1</i>	BXD60	1.34E-04	1.8	NS	NS
NM_008175	<i>Grn</i>	BXD60	2.23E-04	1.5	NS	NS
NM_026231	<i>Gstcd</i>	BXD60	NS	NS	3.12E-02	-1.9
NM_029555	<i>Gstk1</i>	BXD60	1.52E-04	2.0	NS	NS
NM_001160411	<i>Gstm4</i>	BXD60	1.67E-02	1.5	NS	NS
NM_026672	<i>Gstm7</i>	BXD60	1.98E-04	2.0	NS	NS
NM_016750	<i>H2afz</i>	BXD60	1.33E-02	1.3	NS	NS
NM_019975	<i>Hacl1</i>	BXD60	1.57E-02	1.6	NS	NS
NM_008216	<i>Has2</i>	BXD60	3.55E-02	-2.0	NS	NS
NM_008217	<i>Has3</i>	BXD60	2.49E-02	-1.9	NS	NS
NM_001081192	<i>Hcn4</i>	BXD60	1.95E-02	-1.5	NS	NS
NM_027382	<i>Hdac8</i>	BXD60	1.46E-02	1.5	4.93E-02	1.4
NM_001080549	<i>Hdx</i>	BXD60	1.11E-02	2.0	NS	NS
NM_144835	<i>Heatr1</i>	BXD60	3.73E-02	-1.5	1.37E-02	-1.7
NM_175256	<i>Heg1</i>	BXD60	9.01E-04	1.8	NS	NS
NM_022331	<i>Herpud1</i>	BXD60	1.83E-02	1.4	NS	NS
NM_145567	<i>Hibadh</i>	BXD60	2.48E-03	1.6	NS	NS
NM_001162950	<i>Hif3a</i>	BXD60	3.49E-03	2.2	1.40E-02	2.1
NM_010377	<i>Hist1h1t</i>	BXD60	2.35E-02	-1.7	NS	NS
NM_178213	<i>Hist2h2ab</i>	BXD60	6.32E-04	-1.9	NS	NS

NM_010657	<i>Hivep3</i>	BXD60	2.13E-03	1.7	NS	NS
NM_177338	<i>Hmbox1</i>	BXD60	4.53E-02	1.4	NS	NS
NM_025812	<i>Hmg20a</i>	BXD60	2.74E-02	1.4	NS	NS
NM_008255	<i>Hmgcr</i>	BXD60	4.89E-05	-1.8	3.34E-03	-1.6
NM_008256	<i>Hmgcs2</i>	BXD60	NS	NS	4.88E-02	1.9
NM_198937	<i>Hn1l</i>	BXD60	3.95E-03	-1.7	NS	NS
NM_013751	<i>Hrasls</i>	BXD60	3.30E-02	1.7	NS	NS
NM_053262	<i>Hsd17b11</i>	BXD60	3.52E-02	1.4	NS	NS
NM_010476	<i>Hsd17b7</i>	BXD60	1.17E-03	-1.6	3.15E-02	-1.4
NM_024255	<i>Hsdl2</i>	BXD60	3.14E-05	1.8	NS	NS
NM_001163434	<i>Hspa5</i>	BXD60	4.90E-02	1.3	NS	NS
NM_019564	<i>Htra1</i>	BXD60	2.17E-04	1.9	9.14E-03	1.7
NM_015790	<i>Icosl</i>	BXD60	3.63E-03	1.8	NS	NS
NM_010495	<i>Id1</i>	BXD60	3.26E-02	1.7	NS	NS
NM_031166	<i>Id4</i>	BXD60	3.08E-02	1.9	NS	NS
NM_145360	<i>Idi1</i>	BXD60	1.60E-07	-2.1	6.84E-08	-2.2
BC008167	<i>Ifi203</i>	BXD60	2.49E-02	1.8	NS	NS
NM_013562	<i>Ifrd1</i>	BXD60	NS	NS	5.68E-03	-1.7
NM_018854	<i>Ift20</i>	BXD60	1.54E-02	1.3	NS	NS
NM_010515	<i>Igf2r</i>	BXD60	1.02E-02	1.6	NS	NS
NM_001033323	<i>Igsf9b</i>	BXD60	5.08E-03	1.8	NS	NS
NM_010551	<i>Il16</i>	BXD60	3.75E-02	1.5	NS	NS
NM_026574	<i>Ino80</i>	BXD60	2.77E-03	-1.5	NS	NS
NM_001127363	<i>Inpp5a</i>	BXD60	2.04E-03	1.5	NS	NS
NM_008385	<i>Inpp5b</i>	BXD60	2.68E-02	1.6	NS	NS
NM_172439	<i>Inpp5j</i>	BXD60	7.36E-04	2.0	2.72E-03	1.9
NM_008916	<i>Inpp5k</i>	BXD60	1.53E-02	1.4	2.57E-02	1.4
NM_153526	<i>Insig1</i>	BXD60	1.46E-03	-1.8	9.98E-06	-2.2
NM_010568	<i>Insr</i>	BXD60	1.43E-02	1.3	NS	NS
NM_023579	<i>Ipo5</i>	BXD60	NS	NS	1.29E-02	-1.3
NM_001164598	<i>Irf2bp2</i>	BXD60	4.54E-02	1.3	NS	NS
NM_016851	<i>Irf6</i>	BXD60	1.92E-02	1.6	NS	NS
NM_177290	<i>Itgb8</i>	BXD60	5.07E-03	1.7	NS	NS
NM_010586	<i>Itpr2</i>	BXD60	1.13E-02	1.5	NS	NS
NM_001110275	<i>Itsn1</i>	BXD60	1.26E-02	1.3	NS	NS
NM_001205043	<i>Jarid2</i>	BXD60	4.69E-02	1.4	NS	NS
NM_010591	<i>Jun</i>	BXD60	3.46E-13	3.3	5.68E-14	3.4
NM_001286944	<i>Jund</i>	BXD60	6.95E-04	1.6	3.45E-02	1.5

NM_001038010	<i>Kat2a</i>	BXD60	2.77E-03	-1.4	NS	NS
NM_026370	<i>Kat8</i>	BXD60	2.67E-03	-1.7	NS	NS
NM_029116	<i>Kbtbd11</i>	BXD60	2.13E-02	1.5	NS	NS
NM_001039347	<i>Kcnd3</i>	BXD60	2.23E-04	-1.7	4.24E-03	-1.6
NM_001081134	<i>Kcng1</i>	BXD60	5.95E-03	-1.8	1.02E-02	-1.8
NM_029911	<i>Kcnk10</i>	BXD60	3.49E-04	1.8	2.71E-02	1.5
NM_001159850	<i>Kcnk2</i>	BXD60	3.68E-02	1.4	NS	NS
NM_026135	<i>Kctd16</i>	BXD60	4.28E-04	2.0	NS	NS
NM_172650	<i>Kctd3</i>	BXD60	3.49E-02	1.5	NS	NS
NM_026214	<i>Kctd4</i>	BXD60	1.59E-02	1.4	2.07E-02	1.4
NM_027008	<i>Kctd5</i>	BXD60	NS	NS	4.23E-02	1.4
NM_001033430	<i>Kdm7a</i>	BXD60	4.14E-02	1.6	NS	NS
NM_011317	<i>Khdrbs1</i>	BXD60	NS	NS	3.15E-02	-1.4
NM_010616	<i>Kif12</i>	BXD60	1.54E-02	-1.5	NS	NS
NM_001145779	<i>Kif2a</i>	BXD60	3.25E-02	-1.3	NS	NS
NM_001122733	<i>Kit</i>	BXD60	1.75E-02	-1.3	NS	NS
NM_001033298	<i>Kiz</i>	BXD60	6.06E-03	1.6	NS	NS
NM_078477	<i>Klf16</i>	BXD60	9.50E-05	-1.9	2.43E-06	-2.1
NM_011803	<i>Klf6</i>	BXD60	3.25E-02	-1.4	NS	NS
NM_010638	<i>Klf9</i>	BXD60	3.30E-03	1.5	NS	NS
NM_001033039	<i>Klhdc9</i>	BXD60	NS	NS	3.14E-02	2.0
NM_153128	<i>Klhl12</i>	BXD60	1.36E-03	1.8	NS	NS
NM_029436	<i>Klhl24</i>	BXD60	NS	NS	1.61E-03	1.5
NM_001195075	<i>Klhl3</i>	BXD60	3.49E-02	1.5	NS	NS
NM_001161800	<i>Klhl7</i>	BXD60	NS	NS	2.43E-02	1.5
NM_001177373	<i>Klk11</i>	BXD60	3.80E-02	1.6	NS	NS
NM_010655	<i>Kpna2</i>	BXD60	5.55E-04	-1.6	1.40E-02	-1.5
NM_008466	<i>Kpna3</i>	BXD60	1.62E-03	-1.3	NS	NS
NM_021284	<i>Kras</i>	BXD60	NS	NS	4.53E-02	-1.3
NM_178610	<i>Krr1</i>	BXD60	3.73E-03	-1.7	NS	NS
NM_010660	<i>Krt10</i>	BXD60	4.92E-02	-1.5	NS	NS
NM_010662	<i>Krt13</i>	BXD60	3.52E-02	-1.8	NS	NS
NM_026774	<i>Lamtor5</i>	BXD60	2.05E-02	1.3	NS	NS
NM_008640	<i>Laptn4a</i>	BXD60	4.33E-02	1.3	NS	NS
NM_138593	<i>Larp7</i>	BXD60	3.49E-02	-1.4	NS	NS
NM_010694	<i>Lcn3</i>	BXD60	2.43E-02	-1.7	NS	NS
NM_001247984	<i>Lcp1</i>	BXD60	NS	NS	3.96E-02	-1.5
NM_001077398	<i>Ldb2</i>	BXD60	1.43E-03	-1.7	NS	NS

NM_001252658	<i>Ldlr</i>	BXD60	3.98E-05	-2.4	1.36E-04	-2.4
NM_134093	<i>Letmd1</i>	BXD60	2.89E-02	1.3	NS	NS
NM_008494	<i>Lfn3</i>	BXD60	5.13E-04	1.7	1.21E-02	1.5
NM_001199043	<i>Lgals8</i>	BXD60	6.75E-04	1.6	4.01E-02	1.4
NM_020278	<i>Lgi1</i>	BXD60	2.43E-02	1.4	NS	NS
NM_145219	<i>Lgi3</i>	BXD60	4.79E-02	1.6	NS	NS
NM_011175	<i>Lgmn</i>	BXD60	2.06E-02	1.3	NS	NS
NM_001083125	<i>Lhx6</i>	BXD60	3.70E-02	-1.7	NS	NS
NM_001001980	<i>Limch1</i>	BXD60	6.10E-04	1.8	NS	NS
NM_013860	<i>Limd1</i>	BXD60	9.30E-03	2.0	NS	NS
NM_144862	<i>Lims2</i>	BXD60	1.05E-02	2.0	NS	NS
NM_181074	<i>Lingo1</i>	BXD60	2.40E-03	-1.3	NS	NS
NM_201529	<i>Lmo7</i>	BXD60	7.31E-05	1.6	NS	NS
NM_028894	<i>Lonrf3</i>	BXD60	1.32E-02	1.8	NS	NS
NM_008377	<i>Lrig1</i>	BXD60	NS	NS	2.99E-02	-1.5
NM_008512	<i>Lrp1</i>	BXD60	2.79E-02	1.4	NS	NS
NM_001146048	<i>Lrrc1</i>	BXD60	1.63E-03	2.0	NS	NS
NM_001172064	<i>Lrrc56</i>	BXD60	8.34E-03	1.8	NS	NS
NM_133807	<i>Lrrc59</i>	BXD60	NS	NS	2.43E-02	-1.4
NM_178005	<i>Lrrtm2</i>	BXD60	NS	NS	3.46E-02	1.4
NM_181470	<i>Ltv1</i>	BXD60	3.49E-03	-1.8	NS	NS
NM_001252055	<i>Ly6c1</i>	BXD60	1.68E-04	2.7	NS	NS
NM_010748	<i>Lyst</i>	BXD60	2.18E-02	1.7	NS	NS
NM_172865	<i>Manea</i>	BXD60	1.40E-02	1.5	NS	NS
NM_001081230	<i>Map9</i>	BXD60	3.78E-02	-1.3	NS	NS
NM_001045483	<i>Mapk1ip1</i>	BXD60	2.36E-03	1.4	NS	NS
NM_011841	<i>Mapk7</i>	BXD60	3.44E-03	-1.4	3.68E-02	-1.4
NM_175171	<i>Mast4</i>	BXD60	7.28E-03	1.4	NS	NS
NM_175341	<i>Mbnl2</i>	BXD60	2.68E-02	1.4	NS	NS
NM_001167910	<i>Mbtps1</i>	BXD60	3.00E-02	1.4	NS	NS
NM_008563	<i>Mcm3</i>	BXD60	NS	NS	6.84E-03	-1.9
NM_008566	<i>Mcm5</i>	BXD60	2.27E-02	-1.8	NS	NS
NM_001288586	<i>Mdm2</i>	BXD60	1.65E-03	1.6	NS	NS
NM_027213	<i>Med6</i>	BXD60	1.74E-02	1.4	NS	NS
NM_001001979	<i>Megf10</i>	BXD60	7.63E-03	1.6	NS	NS
NM_001168488	<i>Men1</i>	BXD60	NS	NS	4.84E-02	-1.3
NM_008587	<i>Mertk</i>	BXD60	4.69E-04	2.4	3.00E-03	2.2
NM_008591	<i>Met</i>	BXD60	4.90E-02	-1.6	NS	NS

NM_175224	<i>Metap1</i>	BXD60	2.14E-02	-1.4	NS	NS
NM_027279	<i>Mettl18</i>	BXD60	1.43E-02	1.9	NS	NS
NM_024200	<i>Mfn1</i>	BXD60	4.67E-03	1.5	NS	NS
NM_029662	<i>Mfsd2a</i>	BXD60	3.98E-03	1.7	NS	NS
NM_173870	<i>Mgat4a</i>	BXD60	1.06E-03	1.7	NS	NS
NM_023799	<i>Mgea5</i>	BXD60	1.46E-03	1.4	1.20E-03	1.4
NM_001166249	<i>Mgll</i>	BXD60	1.32E-03	1.9	NS	NS
NM_030110	<i>Micu3</i>	BXD60	1.76E-03	1.4	NS	NS
NM_021565	<i>Midn</i>	BXD60	2.13E-03	-1.5	9.10E-03	-1.5
NM_001243584	<i>Mif4gd</i>	BXD60	8.48E-03	1.7	NS	NS
NM_021462	<i>Mknk2</i>	BXD60	8.02E-04	1.6	NS	NS
NM_175337	<i>Mlh3</i>	BXD60	2.28E-02	1.7	NS	NS
NM_175217	<i>Mmd2</i>	BXD60	8.20E-04	1.4	NS	NS
NM_008609	<i>Mmp15</i>	BXD60	1.74E-02	-1.5	2.82E-02	-1.5
NM_001081235	<i>Mn1</i>	BXD60	4.20E-02	-1.4	NS	NS
NM_001081287	<i>Mpp7</i>	BXD60	1.74E-02	1.8	NS	NS
NM_172610	<i>Mpped1</i>	BXD60	8.38E-03	-1.5	NS	NS
NM_025878	<i>Mrps18b</i>	BXD60	3.21E-02	-1.4	NS	NS
NM_025434	<i>Mrps28</i>	BXD60	2.00E-02	-1.6	NS	NS
NM_146222	<i>Msantd2</i>	BXD60	3.57E-04	-1.8	NS	NS
NM_010830	<i>Msh6</i>	BXD60	NS	NS	3.26E-02	-1.4
NM_025436	<i>Msmo1</i>	BXD60	8.86E-05	-2.0	5.11E-05	-2.1
NM_029619	<i>Msrp2</i>	BXD60	8.48E-03	1.8	NS	NS
NM_013602	<i>Mt1</i>	BXD60	2.75E-03	1.6	1.90E-02	1.5
NM_008630	<i>Mt2</i>	BXD60	2.61E-07	2.9	3.84E-05	2.4
NM_026788	<i>Mthfd2l</i>	BXD60	NS	NS	4.13E-02	-1.4
NM_198625	<i>Mtss1l</i>	BXD60	2.31E-02	-1.3	NS	NS
NM_001005863	<i>Mtus1</i>	BXD60	2.04E-03	1.7	NS	NS
NM_023431	<i>Mum1</i>	BXD60	NS	NS	1.84E-02	-1.5
NM_027877	<i>Mus81</i>	BXD60	4.13E-02	-1.6	NS	NS
NM_138656	<i>Mvd</i>	BXD60	8.15E-05	-2.1	1.20E-02	-1.7
NM_010753	<i>Mxd4</i>	BXD60	8.67E-04	1.8	NS	NS
NM_001008542	<i>Mxi1</i>	BXD60	1.51E-08	1.9	1.35E-04	1.6
NM_008651	<i>Mybl1</i>	BXD60	2.72E-02	1.7	NS	NS
NM_001177352	<i>Myc</i>	BXD60	2.29E-02	-1.5	NS	NS
NM_019472	<i>Myo10</i>	BXD60	1.63E-03	1.8	NS	NS
NM_001171615	<i>Myt1</i>	BXD60	3.94E-03	1.6	1.78E-02	1.6
NM_001040395	<i>Nadk2</i>	BXD60	6.82E-05	1.6	NS	NS

NM_001163564	<i>Naf1</i>	BXD60	1.64E-02	-1.6	NS	NS
NM_178728	<i>Napepld</i>	BXD60	8.81E-03	2.1	NS	NS
NM_026272	<i>Narf</i>	BXD60	1.30E-02	1.6	NS	NS
NM_001145959	<i>Ndrg2</i>	BXD60	7.56E-03	1.3	NS	NS
NM_022565	<i>Ndst4</i>	BXD60	NS	NS	5.18E-03	1.9
NM_010886	<i>Ndufa4</i>	BXD60	4.86E-02	1.2	NS	NS
NM_026742	<i>Ndufaf4</i>	BXD60	5.33E-04	-1.6	NS	NS
NM_001111324	<i>Nedd9</i>	BXD60	8.61E-03	1.6	NS	NS
NM_001113209	<i>Nfib</i>	BXD60	1.82E-02	1.3	NS	NS
NM_010911	<i>Nfs1</i>	BXD60	2.25E-02	1.6	NS	NS
NM_001048168	<i>Nfyc</i>	BXD60	NS	NS	4.23E-02	-1.4
NM_025449	<i>Nicn1</i>	BXD60	1.50E-03	1.3	NS	NS
NM_026472	<i>Nifk</i>	BXD60	2.15E-02	-1.3	NS	NS
NM_145469	<i>Nipal2</i>	BXD60	6.32E-04	1.7	NS	NS
NM_028995	<i>Nipal3</i>	BXD60	6.38E-03	1.7	NS	NS
NM_025937	<i>Nkap</i>	BXD60	4.79E-02	-1.7	NS	NS
NM_028186	<i>Nkd2</i>	BXD60	4.43E-02	1.6	NS	NS
NM_138314	<i>Nme7</i>	BXD60	1.02E-02	1.5	NS	NS
NM_145497	<i>Nmrk1</i>	BXD60	3.08E-04	2.6	NS	NS
NM_021303	<i>Noc2l</i>	BXD60	NS	NS	3.57E-02	-1.4
NM_009834	<i>Noct</i>	BXD60	3.56E-03	-1.6	NS	NS
NM_001001986	<i>Nol4l</i>	BXD60	4.79E-02	-1.4	9.14E-03	-1.5
NM_138747	<i>Nop2</i>	BXD60	NS	NS	4.24E-03	-1.5
NM_024193	<i>Nop56</i>	BXD60	5.38E-03	-1.6	1.63E-02	-1.6
NM_018868	<i>Nop58</i>	BXD60	4.54E-02	-1.3	NS	NS
NM_021361	<i>Nova1</i>	BXD60	2.21E-02	1.5	NS	NS
NM_008719	<i>Npas2</i>	BXD60	4.79E-02	-1.8	NS	NS
NM_013780	<i>Npas3</i>	BXD60	NS	NS	2.78E-02	-1.5
NM_010342	<i>Npbwr1</i>	BXD60	1.02E-02	1.7	NS	NS
NM_018787	<i>Npff</i>	BXD60	4.78E-02	1.3	NS	NS
NM_008723	<i>Npm3</i>	BXD60	NS	NS	1.18E-02	-1.7
NM_010934	<i>Npy1r</i>	BXD60	4.31E-02	-1.4	NS	NS
NM_001139509	<i>Nr4a2</i>	BXD60	4.25E-02	-2.2	NS	NS
NM_001164363	<i>Nt5c2</i>	BXD60	1.63E-03	1.4	NS	NS
NM_153136	<i>Nudt18</i>	BXD60	1.17E-02	1.6	NS	NS
NM_008751	<i>Nxph1</i>	BXD60	NS	NS	3.82E-02	-1.4
NM_001161430	<i>Nxt2</i>	BXD60	8.21E-04	1.5	NS	NS
NM_178644	<i>Oaf</i>	BXD60	2.40E-03	2.2	4.84E-02	1.9

NM_013614	<i>Odc1</i>	BXD60	4.16E-03	1.7	NS	NS
NM_198673	<i>Odf3l1</i>	BXD60	3.57E-04	-1.7	NS	NS
NM_146571	<i>Olf1015</i>	BXD60	1.35E-02	-2.0	NS	NS
NM_146323	<i>Olf1232</i>	BXD60	2.91E-03	-1.9	NS	NS
NM_001011853	<i>Olf1425</i>	BXD60	1.54E-02	-2.1	NS	NS
NM_147036	<i>Olf1283</i>	BXD60	3.45E-02	-1.5	NS	NS
NM_146306	<i>Olf1518</i>	BXD60	4.25E-02	-1.4	NS	NS
NM_146361	<i>Olf1557</i>	BXD60	NS	NS	3.15E-02	1.7
NM_146822	<i>Olf1640</i>	BXD60	3.30E-02	-1.9	NS	NS
NM_013621	<i>Olf169</i>	BXD60	2.64E-02	-1.9	NS	NS
NM_146864	<i>Olf1768</i>	BXD60	4.92E-02	-1.7	NS	NS
NM_152818	<i>Osbp2</i>	BXD60	2.73E-02	1.3	NS	NS
NM_001134791	<i>Osbpl9</i>	BXD60	7.74E-06	1.5	8.74E-04	1.4
NM_172416	<i>Ostm1</i>	BXD60	4.81E-03	1.6	NS	NS
NM_130880	<i>Otud7a</i>	BXD60	NS	NS	3.08E-02	1.4
NM_145460	<i>Oxnad1</i>	BXD60	4.36E-02	1.3	NS	NS
NM_001008497	<i>P2ry14</i>	BXD60	2.81E-02	1.9	NS	NS
NM_011119	<i>Pa2g4</i>	BXD60	3.65E-02	-1.3	NS	NS
NM_026420	<i>Paip2</i>	BXD60	1.73E-04	1.4	3.71E-02	1.3
NM_146169	<i>Paip2b</i>	BXD60	3.67E-02	1.4	NS	NS
NM_021362	<i>Pappa</i>	BXD60	1.66E-02	1.9	NS	NS
NM_028829	<i>Paqr8</i>	BXD60	9.82E-03	1.4	1.27E-02	1.5
NM_001253690	<i>Patz1</i>	BXD60	8.11E-03	1.6	NS	NS
NM_011865	<i>Pcbp1</i>	BXD60	8.14E-06	-1.7	NS	NS
NM_053133	<i>Pcdhb8</i>	BXD60	4.31E-02	-1.6	NS	NS
NM_146129	<i>Pcif1</i>	BXD60	NS	NS	1.61E-02	-1.6
NM_183028	<i>Pcmt1</i>	BXD60	NS	NS	3.38E-02	1.3
NM_153594	<i>Pcmt2</i>	BXD60	1.14E-04	2.0	NS	NS
NM_025823	<i>Pcyox1</i>	BXD60	3.07E-02	1.4	NS	NS
NM_001177980	<i>Pde4b</i>	BXD60	2.16E-05	1.6	1.14E-02	1.4
NM_001170669	<i>Pde8b</i>	BXD60	1.95E-02	1.7	NS	NS
NM_008808	<i>Pdgfa</i>	BXD60	9.02E-03	-1.5	3.92E-03	-1.5
NM_027924	<i>Pdgfd</i>	BXD60	3.99E-02	1.9	NS	NS
NM_008810	<i>Pdha1</i>	BXD60	1.67E-02	1.5	NS	NS
NM_001033222	<i>Pdzd8</i>	BXD60	3.54E-02	-1.3	NS	NS
NM_023523	<i>Pecr</i>	BXD60	1.49E-02	1.6	NS	NS
NM_001159367	<i>Per1</i>	BXD60	1.68E-03	1.7	NS	NS
NM_172417	<i>Perm1</i>	BXD60	3.08E-02	-1.8	NS	NS

NM_011072	<i>Pfn1</i>	BXD60	2.01E-02	-1.4	NS	NS
NM_025700	<i>Pgm1</i>	BXD60	4.76E-02	-1.5	NS	NS
NM_009343	<i>Phf1</i>	BXD60	NS	NS	1.40E-02	-1.6
NM_024250	<i>Phf10</i>	BXD60	3.12E-03	-1.4	NS	NS
NM_174852	<i>Phf12</i>	BXD60	2.52E-03	-1.6	NS	NS
NM_172705	<i>Phf13</i>	BXD60	NS	NS	3.68E-02	-1.7
NM_001109690	<i>Phf21a</i>	BXD60	4.45E-02	1.5	NS	NS
NM_030064	<i>Phf23</i>	BXD60	NS	NS	2.34E-02	-1.5
NM_016966	<i>Phgdh</i>	BXD60	9.03E-05	1.8	NS	NS
NM_053191	<i>Pi15</i>	BXD60	NS	NS	2.33E-02	1.9
NM_001145926	<i>Pianp</i>	BXD60	3.48E-02	-1.5	NS	NS
NM_001003948	<i>Pid1</i>	BXD60	1.73E-02	1.5	NS	NS
NM_001145955	<i>Pigv</i>	BXD60	3.00E-02	1.5	NS	NS
NM_178149	<i>Pik3ip1</i>	BXD60	2.48E-03	1.8	3.03E-03	1.9
NM_001024955	<i>Pik3r1</i>	BXD60	1.11E-12	2.0	1.74E-09	1.8
NM_028228	<i>Pinx1</i>	BXD60	4.67E-03	-1.7	NS	NS
NM_177298	<i>Pisd</i>	BXD60	4.12E-02	1.6	NS	NS
NM_145823	<i>Pitpnc1</i>	BXD60	4.11E-02	1.2	NS	NS
NM_026163	<i>Pkp2</i>	BXD60	9.35E-03	1.9	NS	NS
NM_172695	<i>Plaa</i>	BXD60	4.36E-02	-1.2	NS	NS
NM_008872	<i>Plat</i>	BXD60	1.59E-02	1.6	4.53E-02	1.6
NM_152813	<i>Plcd3</i>	BXD60	1.80E-03	1.8	NS	NS
NM_001081456	<i>Plcd4</i>	BXD60	1.97E-02	1.6	NS	NS
NM_008876	<i>Pld2</i>	BXD60	2.75E-02	1.4	NS	NS
NM_133942	<i>Plekha1</i>	BXD60	1.81E-02	1.4	NS	NS
NM_001033253	<i>Plekhg1</i>	BXD60	1.93E-08	2.5	2.53E-03	1.8
NM_181073	<i>Plekhh1</i>	BXD60	3.55E-02	1.7	NS	NS
NM_013807	<i>Plk3</i>	BXD60	1.33E-06	-2.2	1.79E-03	-1.8
NM_026925	<i>Pnlip</i>	BXD60	2.18E-02	-1.5	NS	NS
NM_175498	<i>Pnma2</i>	BXD60	NS	NS	4.39E-02	-1.5
NM_008891	<i>Pnn</i>	BXD60	4.57E-02	-1.4	NS	NS
NM_025443	<i>Pno1</i>	BXD60	1.95E-02	-1.5	NS	NS
NM_026383	<i>Pnrc2</i>	BXD60	3.41E-04	1.6	NS	NS
NM_029037	<i>Pomk</i>	BXD60	1.95E-02	1.5	NS	NS
NM_133931	<i>Pot1a</i>	BXD60	3.73E-02	1.4	NS	NS
NM_028370	<i>Pot1b</i>	BXD60	2.99E-02	1.7	NS	NS
NM_008900	<i>Pou3f3</i>	BXD60	4.67E-03	-1.5	NS	NS
NM_133249	<i>Ppargc1b</i>	BXD60	NS	NS	2.30E-02	-1.7

NM_008014	<i>Ppm1g</i>	BXD60	2.51E-02	-1.3	NS	NS
NM_027242	<i>Ppp1r35</i>	BXD60	NS	NS	1.28E-02	-1.7
NM_001171004	<i>Prkd3</i>	BXD60	2.93E-03	1.6	NS	NS
NM_001252476	<i>Prmt1</i>	BXD60	NS	NS	1.72E-02	-1.5
NM_001081240	<i>Prmt10</i>	BXD60	3.75E-02	1.4	NS	NS
NM_144944	<i>Prokr2</i>	BXD60	1.72E-02	-1.7	NS	NS
NM_018786	<i>Prpf40b</i>	BXD60	2.99E-02	-1.6	NS	NS
NM_133701	<i>Prpf6</i>	BXD60	1.63E-02	1.4	NS	NS
NM_175022	<i>Prr12</i>	BXD60	3.08E-02	-1.5	NS	NS
NM_146061	<i>Prr5</i>	BXD60	1.44E-02	1.5	NS	NS
NM_177698	<i>Psd3</i>	BXD60	1.53E-03	1.4	NS	NS
NM_008945	<i>Psmb4</i>	BXD60	4.99E-02	1.3	NS	NS
NM_001282017	<i>Psmc4</i>	BXD60	3.43E-02	-1.4	NS	NS
NM_134013	<i>Psme4</i>	BXD60	2.14E-02	1.3	NS	NS
NM_025682	<i>Pspc1</i>	BXD60	2.15E-04	-1.8	NS	NS
NM_207232	<i>Ptpdc1</i>	BXD60	5.54E-03	1.8	NS	NS
NM_011201	<i>Ptpn1</i>	BXD60	2.43E-02	-1.3	NS	NS
NM_019933	<i>Ptpn4</i>	BXD60	3.63E-03	1.7	NS	NS
NM_025831	<i>Pxdc1</i>	BXD60	1.80E-05	2.0	NS	NS
NM_153781	<i>Pygb</i>	BXD60	4.99E-02	1.3	NS	NS
NM_001168270	<i>Qars</i>	BXD60	3.30E-02	1.4	NS	NS
NM_001024945	<i>Qsox1</i>	BXD60	9.77E-05	1.8	NS	NS
NM_001146012	<i>R3hcc1</i>	BXD60	NS	NS	4.13E-02	-1.5
NM_017382	<i>Rab11a</i>	BXD60	4.70E-02	-1.3	NS	NS
NM_001033172	<i>Rab11fip2</i>	BXD60	1.74E-02	1.3	NS	NS
NM_023635	<i>Rab27a</i>	BXD60	3.82E-02	1.4	NS	NS
NM_029494	<i>Rab30</i>	BXD60	2.56E-12	2.5	6.06E-09	2.2
NM_175122	<i>Rab39b</i>	BXD60	3.31E-03	1.3	NS	NS
NM_001038621	<i>Rabgap1l</i>	BXD60	9.59E-06	1.5	7.46E-04	1.4
NM_001277938	<i>Rad51d</i>	BXD60	1.33E-02	1.8	NS	NS
NM_019491	<i>Rala</i>	BXD60	3.32E-03	-1.6	NS	NS
NM_011239	<i>Ranbp1</i>	BXD60	2.51E-02	-1.5	NS	NS
NM_001099624	<i>Rapgef2</i>	BXD60	1.26E-10	1.9	1.75E-09	1.9
NM_001252494	<i>Rapgef6</i>	BXD60	1.09E-08	2.3	6.66E-08	2.3
NM_001176528	<i>Rara</i>	BXD60	1.53E-03	-1.6	5.68E-03	-1.6
NM_009025	<i>Rasa3</i>	BXD60	1.33E-02	-1.5	1.29E-02	-1.6
NM_177644	<i>Rasal2</i>	BXD60	1.33E-02	1.5	NS	NS
NM_178045	<i>Rassf4</i>	BXD60	NS	NS	2.04E-02	1.7

NM_015754	<i>Rbbp9</i>	BXD60	3.75E-02	1.4	NS	NS
NM_021477	<i>Rbfox1</i>	BXD60	2.05E-02	1.3	NS	NS
NM_001110827	<i>Rbfox2</i>	BXD60	1.40E-02	1.3	2.94E-02	1.3
NM_028234	<i>Rbm33</i>	BXD60	6.95E-04	1.5	1.12E-03	1.6
NM_001290123	<i>Rbm4</i>	BXD60	2.80E-02	1.5	NS	NS
NM_153405	<i>Rbm45</i>	BXD60	4.79E-02	-1.4	3.75E-02	-1.5
NM_001024952	<i>Rc3h1</i>	BXD60	4.31E-02	1.3	NS	NS
NM_001100591	<i>Rc3h2</i>	BXD60	2.10E-02	1.3	NS	NS
NM_001081549	<i>Rcan1</i>	BXD60	5.72E-06	1.7	NS	NS
NM_027764	<i>Rcbtb1</i>	BXD60	3.82E-02	1.5	NS	NS
NM_030017	<i>Rdh12</i>	BXD60	2.07E-02	1.7	NS	NS
NM_001204931	<i>Reep6</i>	BXD60	NS	NS	1.39E-02	-1.7
NM_011259	<i>Reg3a</i>	BXD60	3.14E-02	-1.6	NS	NS
NM_028713	<i>Rftn2</i>	BXD60	2.58E-02	1.5	NS	NS
NM_016846	<i>Rgl1</i>	BXD60	1.52E-02	1.4	NS	NS
NM_009062	<i>Rgs4</i>	BXD60	NS	NS	2.34E-02	1.5
NM_001282061	<i>Rgs6</i>	BXD60	6.76E-03	1.6	NS	NS
NM_001199003	<i>Rgs7</i>	BXD60	4.40E-02	-1.3	NS	NS
NM_007483	<i>Rhob</i>	BXD60	1.78E-02	1.4	NS	NS
NM_153514	<i>Rhobtb2</i>	BXD60	NS	NS	5.00E-02	-1.4
NM_011882	<i>Rnasel</i>	BXD60	4.50E-02	1.5	NS	NS
NM_172612	<i>Rnd1</i>	BXD60	4.79E-02	-1.5	3.60E-02	-1.5
NM_009543	<i>Rnf103</i>	BXD60	3.30E-02	1.3	NS	NS
NM_144528	<i>Rnf126</i>	BXD60	1.67E-02	-1.3	NS	NS
NM_001170643	<i>Rnf144b</i>	BXD60	3.42E-02	1.7	NS	NS
NM_001166553	<i>Rnf145</i>	BXD60	1.89E-04	-1.5	1.05E-05	-1.7
NM_001033135	<i>Rnf149</i>	BXD60	1.51E-02	1.9	NS	NS
NM_194346	<i>Rnf31</i>	BXD60	4.79E-02	-1.5	NS	NS
NM_001164767	<i>Robo3</i>	BXD60	2.01E-02	-1.6	NS	NS
NM_146246	<i>Rp1l1</i>	BXD60	1.95E-02	-1.6	NS	NS
NM_133982	<i>Rpp25</i>	BXD60	1.97E-02	-1.6	NS	NS
NM_001033212	<i>Rprml</i>	BXD60	9.82E-03	-1.7	NS	NS
NM_146244	<i>Rps6kl1</i>	BXD60	8.94E-06	2.1	2.43E-02	1.6
NM_027491	<i>Rragd</i>	BXD60	8.48E-03	1.4	NS	NS
NM_001005525	<i>Rsrc2</i>	BXD60	7.44E-03	-1.4	NS	NS
NM_145422	<i>Rtcb</i>	BXD60	2.12E-02	1.5	NS	NS
NM_001111026	<i>Runx1t1</i>	BXD60	4.76E-02	-1.4	NS	NS
NM_001042607	<i>Ryk</i>	BXD60	1.39E-02	1.3	NS	NS

NM_007901	<i>S1pr1</i>	BXD60	2.72E-02	1.6	NS	NS
NM_026283	<i>Samd8</i>	BXD60	1.20E-04	1.5	NS	NS
NM_175155	<i>Sash1</i>	BXD60	2.13E-02	1.5	NS	NS
NM_009129	<i>Scg2</i>	BXD60	3.73E-03	1.4	NS	NS
NM_011324	<i>Scnn1a</i>	BXD60	6.30E-03	2.1	NS	NS
NM_001271472	<i>Scube1</i>	BXD60	3.33E-02	-1.6	NS	NS
NM_011521	<i>Sdc4</i>	BXD60	2.14E-04	2.4	3.39E-02	1.8
NM_019951	<i>Sec11a</i>	BXD60	9.91E-03	1.4	NS	NS
NM_146013	<i>Sec14l4</i>	BXD60	6.26E-03	2.0	NS	NS
NM_009154	<i>Sema5a</i>	BXD60	2.40E-02	1.5	NS	NS
NM_175400	<i>Sephs1</i>	BXD60	8.38E-03	1.7	NS	NS
NM_001253386	<i>Serinc2</i>	BXD60	2.68E-02	1.6	NS	NS
NM_172588	<i>Serinc5</i>	BXD60	5.31E-05	1.8	NS	NS
NM_001013370	<i>Sesn1</i>	BXD60	2.05E-03	1.6	NS	NS
NM_030261	<i>Sesn3</i>	BXD60	1.18E-04	1.6	3.00E-03	1.5
NM_001204875	<i>Set</i>	BXD60	2.43E-02	-1.3	NS	NS
NM_001040398	<i>Setd1b</i>	BXD60	NS	NS	3.19E-03	-1.7
NM_080793	<i>Setd7</i>	BXD60	3.70E-02	1.6	NS	NS
NM_031179	<i>Sf3b1</i>	BXD60	1.96E-02	-1.3	NS	NS
NM_026377	<i>Sfr1</i>	BXD60	1.29E-02	-1.3	NS	NS
NM_016687	<i>Sfrp4</i>	BXD60	1.74E-02	2.0	NS	NS
NM_145512	<i>Sft2d2</i>	BXD60	2.81E-02	1.6	NS	NS
NM_001168525	<i>Sgms1</i>	BXD60	4.99E-03	2.0	NS	NS
NM_001282037	<i>Sh3glb1</i>	BXD60	3.48E-02	-1.2	NS	NS
NM_001168505	<i>Shoc2</i>	BXD60	4.87E-02	-1.2	NS	NS
NM_001289668	<i>Sidt2</i>	BXD60	8.34E-03	1.6	NS	NS
NM_001286538	<i>Sigmar1</i>	BXD60	NS	NS	3.92E-03	-1.5
NM_010831	<i>Sik1</i>	BXD60	4.96E-02	-1.4	NS	NS
NM_001110350	<i>Sin3a</i>	BXD60	NS	NS	4.24E-03	-1.5
NM_001167983	<i>Sipa1l1</i>	BXD60	NS	NS	2.18E-02	1.4
NM_029612	<i>Slamf9</i>	BXD60	NS	NS	7.80E-03	2.2
NM_001146161	<i>Slc11a2</i>	BXD60	3.23E-02	-1.5	NS	NS
NM_023044	<i>Slc15a3</i>	BXD60	1.64E-02	1.8	NS	NS
NM_001114332	<i>Slc16a10</i>	BXD60	4.31E-02	1.6	NS	NS
NM_027921	<i>Slc16a14</i>	BXD60	2.33E-03	1.6	1.30E-02	1.5
NM_001029842	<i>Slc16a6</i>	BXD60	4.96E-02	1.7	2.04E-02	2.0
NM_001199271	<i>Slc19a1</i>	BXD60	1.23E-02	1.5	NS	NS
NM_001159593	<i>Slc20a1</i>	BXD60	6.85E-03	-1.4	NS	NS

NM_001110240	<i>Slc24a2</i>	BXD60	1.67E-02	1.6	NS	NS
NM_172152	<i>Slc24a4</i>	BXD60	2.76E-02	1.6	NS	NS
NM_138756	<i>Slc25a36</i>	BXD60	6.68E-03	1.4	NS	NS
NM_011977	<i>Slc27a1</i>	BXD60	2.05E-03	1.5	NS	NS
NM_007854	<i>Slc29a2</i>	BXD60	NS	NS	4.03E-02	-1.7
NM_011400	<i>Slc2a1</i>	BXD60	9.59E-04	1.8	1.67E-02	1.7
NM_011401	<i>Slc2a3</i>	BXD60	3.00E-02	1.4	NS	NS
NM_019741	<i>Slc2a5</i>	BXD60	NS	NS	5.68E-03	1.9
NM_021435	<i>Slc35b4</i>	BXD60	2.05E-04	1.6	NS	NS
NM_028787	<i>Slc35f5</i>	BXD60	2.05E-02	1.3	NS	NS
NM_001164798	<i>Slc38a10</i>	BXD60	4.76E-02	1.3	NS	NS
NM_175121	<i>Slc38a2</i>	BXD60	3.79E-02	1.3	NS	NS
NM_134135	<i>Slc39a3</i>	BXD60	3.86E-02	1.5	NS	NS
NM_177388	<i>Slc41a2</i>	BXD60	3.25E-02	1.4	NS	NS
NM_001199283	<i>Slc43a2</i>	BXD60	7.40E-04	1.7	NS	NS
NM_021398	<i>Slc43a3</i>	BXD60	7.84E-03	1.7	NS	NS
NM_001199186	<i>Slc44a2</i>	BXD60	1.07E-02	1.5	NS	NS
NM_001081263	<i>Slc44a5</i>	BXD60	3.20E-07	2.0	2.70E-05	1.8
NM_172890	<i>Slc6a11</i>	BXD60	1.10E-02	1.3	NS	NS
NM_012030	<i>Slc9a3r1</i>	BXD60	4.33E-02	-1.4	NS	NS
NM_001038643	<i>Slco3a1</i>	BXD60	4.90E-02	-1.3	1.03E-02	-1.5
NM_172841	<i>Slco5a1</i>	BXD60	2.06E-02	1.6	NS	NS
NM_001252481	<i>Smad2</i>	BXD60	2.82E-03	-1.6	1.68E-02	-1.5
NM_008540	<i>Smad4</i>	BXD60	8.05E-03	1.3	NS	NS
NM_031842	<i>Smardc1</i>	BXD60	1.64E-03	-1.4	NS	NS
NM_001031814	<i>Smg1</i>	BXD60	1.59E-02	1.6	NS	NS
NR_028086	<i>Smim10l2a</i>	BXD60	3.68E-02	1.7	NS	NS
NM_133697	<i>Smim14</i>	BXD60	3.78E-02	1.2	3.15E-02	1.3
NM_134133	<i>Smim3</i>	BXD60	NS	NS	1.68E-05	3.0
NM_001252629	<i>Smn1</i>	BXD60	2.68E-02	-1.5	NS	NS
NM_001177833	<i>Smox</i>	BXD60	1.36E-02	1.5	NS	NS
NM_183316	<i>Snape5</i>	BXD60	4.99E-02	1.4	NS	NS
NM_001199151	<i>Snaip</i>	BXD60	3.14E-02	1.4	NS	NS
NM_027671	<i>Sntg1</i>	BXD60	2.70E-02	1.5	NS	NS
NM_175483	<i>Snx33</i>	BXD60	3.62E-02	1.7	NS	NS
NM_183173	<i>Sowaha</i>	BXD60	NS	NS	1.63E-02	1.7
NM_001025428	<i>Spag9</i>	BXD60	2.64E-02	1.3	9.96E-03	1.4
NM_170756	<i>Spata2</i>	BXD60	4.36E-02	1.5	NS	NS

NM_001164566	<i>Spats2l</i>	BXD60	9.78E-03	-1.5	NS	NS
NM_172430	<i>Sphkap</i>	BXD60	3.49E-03	1.5	NS	NS
NM_023220	<i>Sppl2a</i>	BXD60	1.95E-02	1.4	NS	NS
NM_182927	<i>Spred3</i>	BXD60	1.70E-03	-2.0	5.93E-03	-2.0
NM_011898	<i>Spry4</i>	BXD60	1.74E-04	-2.1	3.91E-06	-2.5
NM_009270	<i>Sqle</i>	BXD60	9.36E-04	-1.6	3.84E-02	-1.4
NM_020493	<i>Srf</i>	BXD60	NS	NS	4.01E-02	-1.6
NM_080448	<i>Srgap3</i>	BXD60	3.09E-02	1.3	NS	NS
NM_009272	<i>Srm</i>	BXD60	2.79E-03	-1.4	1.46E-02	-1.4
NM_001109909	<i>Srrt</i>	BXD60	NS	NS	1.54E-02	-1.5
NM_011358	<i>Srsf2</i>	BXD60	9.03E-05	-1.6	1.54E-02	-1.4
NM_013663	<i>Srsf3</i>	BXD60	4.09E-02	-1.4	NS	NS
NM_001195485	<i>Srsf7</i>	BXD60	7.18E-04	-1.8	4.64E-04	-1.9
NM_178750	<i>Ss18l1</i>	BXD60	8.63E-03	-1.4	NS	NS
NM_001110145	<i>Ssb</i>	BXD60	4.67E-02	-1.3	NS	NS
NM_026155	<i>Ssr3</i>	BXD60	1.64E-02	1.3	NS	NS
NM_012028	<i>St6galnac5</i>	BXD60	1.50E-03	-1.4	NS	NS
NM_011374	<i>St8sia1</i>	BXD60	8.05E-03	1.4	6.59E-04	1.6
NM_019990	<i>Stard10</i>	BXD60	3.80E-02	1.5	NS	NS
NM_133774	<i>Stard4</i>	BXD60	4.61E-06	-2.2	1.12E-02	-1.7
NM_001113563	<i>Stat5b</i>	BXD60	1.81E-02	1.5	NS	NS
NM_009287	<i>Stim1</i>	BXD60	2.43E-02	1.6	NS	NS
NM_013515	<i>Stom</i>	BXD60	1.95E-02	1.9	NS	NS
NM_175367	<i>Ston2</i>	BXD60	8.80E-03	1.5	NS	NS
NM_153563	<i>Strip1</i>	BXD60	NS	NS	2.34E-02	-1.3
NM_001102423	<i>Stx16</i>	BXD60	3.98E-03	1.5	NS	NS
NM_011505	<i>Stxbp4</i>	BXD60	1.32E-02	1.6	NS	NS
NM_001114611	<i>Stxbp5l</i>	BXD60	2.84E-03	1.5	NS	NS
NM_019995	<i>Supt20</i>	BXD60	1.74E-02	-1.5	NS	NS
NM_009296	<i>Supt4a</i>	BXD60	2.81E-02	1.4	NS	NS
NM_144796	<i>Susd4</i>	BXD60	2.95E-02	1.4	NS	NS
NM_001242419	<i>Susd6</i>	BXD60	2.72E-02	1.5	NS	NS
NM_027832	<i>Sval1</i>	BXD60	1.51E-02	-2.5	NS	NS
NM_013679	<i>Svs6</i>	BXD60	NS	NS	4.12E-02	2.0
NM_001164495	<i>Syn3</i>	BXD60	NS	NS	1.84E-02	1.4
NM_153399	<i>Syne1</i>	BXD60	3.49E-02	1.4	1.22E-03	1.7
NM_001005510	<i>Syne2</i>	BXD60	1.62E-02	1.5	NS	NS
NM_194341	<i>Synrg</i>	BXD60	2.81E-02	1.5	NS	NS

NM_001040085	<i>Sytl2</i>	BXD60	9.95E-04	2.0	2.09E-04	2.2
NM_001161730	<i>Tap1</i>	BXD60	4.76E-02	1.8	NS	NS
NM_029745	<i>Tbc1d9b</i>	BXD60	4.96E-02	1.4	NS	NS
NM_011553	<i>Tcp10a</i>	BXD60	3.30E-02	-1.7	NS	NS
NM_146008	<i>Tcp11l2</i>	BXD60	1.87E-02	1.6	NS	NS
NM_028354	<i>Tdp1</i>	BXD60	2.96E-02	1.3	NS	NS
NM_026099	<i>Tex43</i>	BXD60	4.58E-02	-1.5	NS	NS
NM_001184706	<i>Tfdp2</i>	BXD60	9.43E-03	1.6	NS	NS
NM_001289550	<i>Tgfb1i1</i>	BXD60	2.62E-02	-1.6	NS	NS
NM_009368	<i>Tgfb3</i>	BXD60	3.78E-02	1.9	NS	NS
NM_009381	<i>Thrsp</i>	BXD60	9.75E-05	2.1	3.92E-03	1.9
NM_174989	<i>Ticam1</i>	BXD60	7.35E-04	2.2	NS	NS
NM_001081145	<i>Tigd2</i>	BXD60	5.08E-03	1.5	1.23E-02	1.5
NM_001136082	<i>Timeless</i>	BXD60	4.87E-02	-1.6	NS	NS
NM_172664	<i>Tlk1</i>	BXD60	4.25E-02	-1.3	NS	NS
NM_133352	<i>Tm9sf3</i>	BXD60	2.35E-02	1.3	NS	NS
NM_172476	<i>Tmc7</i>	BXD60	2.38E-02	1.4	NS	NS
NM_177412	<i>Tmcc1</i>	BXD60	8.94E-03	1.4	9.87E-03	1.4
NM_025360	<i>Tmed3</i>	BXD60	4.25E-02	1.7	NS	NS
NM_134142	<i>Tmem109</i>	BXD60	4.89E-02	-1.8	NS	NS
NM_027495	<i>Tmem144</i>	BXD60	1.59E-02	1.6	NS	NS
NM_175106	<i>Tmem177</i>	BXD60	NS	NS	4.76E-02	1.7
NM_001253817	<i>Tmem184b</i>	BXD60	2.93E-02	1.4	NS	NS
NM_001113211	<i>Tmem194</i>	BXD60	3.30E-02	1.6	NS	NS
NM_001160385	<i>Tmem196</i>	BXD60	3.44E-04	2.0	NS	NS
NM_177056	<i>Tmem198</i>	BXD60	9.61E-03	1.6	NS	NS
NM_144525	<i>Tmem214</i>	BXD60	2.35E-02	-1.4	NS	NS
NM_025667	<i>Tmem222</i>	BXD60	5.95E-03	1.5	NS	NS
NM_001033321	<i>Tmem231</i>	BXD60	7.79E-03	1.6	NS	NS
NM_027935	<i>Tmem50a</i>	BXD60	3.68E-02	1.3	NS	NS
NM_001081186	<i>Tmem52b</i>	BXD60	4.82E-02	-1.5	NS	NS
NM_021793	<i>Tmem8</i>	BXD60	3.83E-03	1.9	NS	NS
NM_133706	<i>Tmem97</i>	BXD60	NS	NS	5.79E-03	-1.8
NM_011607	<i>Tnc</i>	BXD60	1.47E-02	-1.5	NS	NS
NM_001161746	<i>Tnfrsf12a</i>	BXD60	NS	NS	5.68E-03	1.9
NM_001048267	<i>Tnpol</i>	BXD60	5.60E-06	1.7	3.45E-02	1.4
NM_144812	<i>Tnrc6b</i>	BXD60	6.06E-03	1.5	4.03E-02	1.5
NM_001109748	<i>Tomm40</i>	BXD60	NS	NS	2.22E-02	-1.4

NM_001160180	<i>Tor1aip2</i>	BXD60	3.79E-02	1.3	NS	NS
NM_001170488	<i>Tprkb</i>	BXD60	5.03E-03	1.6	4.19E-02	1.5
NM_198102	<i>Tra2a</i>	BXD60	4.20E-02	-1.4	NS	NS
NM_009186	<i>Tra2b</i>	BXD60	4.25E-02	-1.3	NS	NS
NM_001163470	<i>Trafd1</i>	BXD60	NS	NS	4.81E-02	1.3
NM_001014398	<i>Trcg1</i>	BXD60	6.95E-04	-1.8	NS	NS
NM_009054	<i>Trim27</i>	BXD60	4.89E-02	-1.4	NS	NS
NM_178110	<i>Trim62</i>	BXD60	2.77E-03	-1.6	4.26E-02	-1.5
NM_001127233	<i>Trp53</i>	BXD60	NS	NS	1.65E-02	-1.5
NM_173378	<i>Trp53bp2</i>	BXD60	3.84E-02	1.5	NS	NS
NM_001199105	<i>Trp53inp1</i>	BXD60	2.48E-04	2.2	NS	NS
NM_011643	<i>Trpc1</i>	BXD60	1.89E-02	1.4	NS	NS
NM_032000	<i>Trps1</i>	BXD60	5.88E-03	1.5	NS	NS
NM_001289575	<i>Tsc1</i>	BXD60	9.50E-03	1.6	NS	NS
NM_001077364	<i>Tsc22d3</i>	BXD60	2.35E-02	1.6	NS	NS
NM_016909	<i>Tsnax</i>	BXD60	3.88E-02	-1.3	3.18E-02	-1.3
NM_173007	<i>Tspan12</i>	BXD60	3.52E-02	1.3	NS	NS
NM_197996	<i>Tspan15</i>	BXD60	2.99E-03	1.7	NS	NS
NM_019793	<i>Tspan3</i>	BXD60	2.79E-02	1.3	NS	NS
NM_025982	<i>Tspan31</i>	BXD60	4.82E-03	1.3	NS	NS
NM_146173	<i>Tspan33</i>	BXD60	2.76E-02	1.8	NS	NS
NM_019634	<i>Tspan7</i>	BXD60	2.32E-02	1.2	NS	NS
NM_145607	<i>Ttc13</i>	BXD60	3.91E-02	-1.3	NS	NS
NM_028341	<i>Ttc39c</i>	BXD60	4.58E-02	1.6	NS	NS
NM_021885	<i>Tub</i>	BXD60	3.29E-02	1.3	NS	NS
NM_146116	<i>Tubb4b</i>	BXD60	NS	NS	3.96E-03	-1.5
NM_001009935	<i>Txnip</i>	BXD60	2.11E-05	3.3	1.88E-04	3.1
NM_001015876	<i>Tyw1</i>	BXD60	6.26E-03	1.7	NS	NS
NM_133806	<i>Uap1</i>	BXD60	2.08E-02	-1.3	NS	NS
NM_176860	<i>Ubash3b</i>	BXD60	5.03E-03	-1.7	NS	NS
NM_145420	<i>Ube2d1</i>	BXD60	4.34E-02	-1.2	NS	NS
NM_001169576	<i>Ube2h</i>	BXD60	1.59E-02	1.4	1.68E-05	1.7
NM_011908	<i>Ubl3</i>	BXD60	3.08E-02	1.3	NS	NS
NM_001083319	<i>Ubp1</i>	BXD60	NS	NS	4.83E-02	-1.3
NM_001177374	<i>Ubr2</i>	BXD60	3.65E-02	1.4	NS	NS
NM_030724	<i>Uck2</i>	BXD60	2.49E-03	-1.4	3.46E-02	-1.3
NM_026194	<i>Ufl1</i>	BXD60	4.66E-02	1.3	NS	NS
NM_013881	<i>Ulk2</i>	BXD60	1.25E-02	1.3	NS	NS

NM_175309	<i>Upk3b</i>	BXD60	4.65E-02	-1.5	NS	NS
NM_009462	<i>Usp10</i>	BXD60	NS	NS	2.59E-02	-1.3
NM_144937	<i>Usp3</i>	BXD60	3.25E-02	1.4	NS	NS
NM_152825	<i>Usp45</i>	BXD60	4.92E-02	1.5	NS	NS
NM_030180	<i>Usp54</i>	BXD60	4.18E-04	1.9	NS	NS
NM_001033236	<i>Vcpkmt</i>	BXD60	1.57E-02	1.5	NS	NS
NM_001025250	<i>Vegfa</i>	BXD60	1.76E-03	-1.8	NS	NS
NM_001039385	<i>Vgf</i>	BXD60	1.11E-03	-2.2	7.46E-04	-2.4
NM_177151	<i>Vps13b</i>	BXD60	8.35E-03	1.5	NS	NS
NM_029929	<i>Vps33a</i>	BXD60	3.82E-02	1.3	NS	NS
NM_145967	<i>Vstm2a</i>	BXD60	1.59E-02	-1.3	3.28E-02	-1.3
NM_016800	<i>Vti1b</i>	BXD60	3.22E-02	-1.3	NS	NS
NM_001177812	<i>Wbp1l</i>	BXD60	1.11E-02	1.3	2.29E-02	1.3
NM_153391	<i>Wdr19</i>	BXD60	1.54E-02	1.5	NS	NS
NM_173741	<i>Wdr24</i>	BXD60	4.31E-02	1.4	NS	NS
NM_172372	<i>Wdr45</i>	BXD60	8.02E-04	1.9	NS	NS
NM_134139	<i>Wdr74</i>	BXD60	NS	NS	1.40E-02	-1.5
NM_001159636	<i>Wdsub1</i>	BXD60	6.85E-03	1.7	NS	NS
NM_178398	<i>Wipi2</i>	BXD60	3.11E-02	1.3	NS	NS
NM_011728	<i>Xpa</i>	BXD60	1.96E-02	1.6	NS	NS
NM_011916	<i>Xrn1</i>	BXD60	1.33E-02	1.4	NS	NS
NM_198626	<i>Xxylt1</i>	BXD60	NS	NS	4.36E-02	-1.6
NM_207633	<i>Yipf6</i>	BXD60	6.75E-04	1.5	NS	NS
NM_001005342	<i>Ypel4</i>	BXD60	7.58E-07	3.3	4.19E-03	2.2
NM_027166	<i>Ypel5</i>	BXD60	2.26E-06	1.7	3.17E-05	1.6
NM_028106	<i>Zbed3</i>	BXD60	7.48E-04	1.6	NS	NS
NM_001033324	<i>Zbtb16</i>	BXD60	4.84E-02	1.6	3.71E-02	1.8
NM_175537	<i>Zbtb38</i>	BXD60	3.11E-02	1.3	NS	NS
NM_001115130	<i>Zbtb44</i>	BXD60	4.96E-02	1.3	4.60E-02	1.3
NM_173181	<i>Zc2hc1a</i>	BXD60	1.47E-03	-1.5	NS	NS
NM_178404	<i>Zc3h6</i>	BXD60	4.54E-02	1.4	NS	NS
NM_145931	<i>Zc3h7a</i>	BXD60	2.13E-02	1.5	NS	NS
NM_001003916	<i>Zc4h2</i>	BXD60	4.67E-02	1.4	NS	NS
NM_001033795	<i>Zcchc16</i>	BXD60	3.95E-02	1.6	NS	NS
NM_001101433	<i>Zcchc24</i>	BXD60	2.81E-02	1.5	NS	NS
NM_199309	<i>Zdhhc19</i>	BXD60	1.18E-02	-1.7	NS	NS
NM_001159905	<i>Zfand2b</i>	BXD60	2.69E-02	2.0	NS	NS
NM_011747	<i>Zfp13</i>	BXD60	6.56E-03	1.5	NS	NS

NM_001081217	<i>Zfp174</i>	BXD60	3.62E-02	1.5	NS	NS
NM_001113399	<i>Zfp385b</i>	BXD60	3.82E-02	1.4	NS	NS
NM_001110309	<i>Zfp426</i>	BXD60	1.54E-02	1.4	4.02E-02	1.4
NM_009557	<i>Zfp46</i>	BXD60	3.30E-02	1.4	NS	NS
NM_207255	<i>Zfp532</i>	BXD60	1.27E-03	1.5	NS	NS
NM_183149	<i>Zfp598</i>	BXD60	9.82E-03	-1.6	NS	NS
NM_001005425	<i>Zfp663</i>	BXD60	1.54E-02	2.3	NS	NS
NM_001289690	<i>Zfp740</i>	BXD60	3.68E-02	1.5	NS	NS
NM_001267583	<i>Zfp811</i>	BXD60	2.77E-03	1.6	1.93E-03	1.7
NM_178417	<i>Zfp867</i>	BXD60	3.41E-03	1.7	NS	NS
NM_177712	<i>Zfp874a</i>	BXD60	NS	NS	3.08E-02	1.7
NM_001076791	<i>Zfp874b</i>	BXD60	4.73E-02	1.5	NS	NS
NM_011763	<i>Zfp9</i>	BXD60	1.24E-02	1.5	NS	NS
NM_145563	<i>Zfp932</i>	BXD60	2.29E-04	1.5	NS	NS
NM_001042438	<i>Zhx1</i>	BXD60	1.53E-03	1.4	NS	NS
NM_177263	<i>Zhx3</i>	BXD60	1.17E-03	1.8	NS	NS
NM_026015	<i>Zmat5</i>	BXD60	3.08E-02	1.6	NS	NS
NM_001252584	<i>Zmynd8</i>	BXD60	NS	NS	1.37E-02	1.6
NM_023162	<i>Znrd1</i>	BXD60	9.91E-03	1.4	NS	NS
NM_009553	<i>Zscan2</i>	BXD60	NS	NS	3.14E-02	1.6
ENSMUST0000						NS
0079024	<i>Zscan29</i>	BXD60	6.95E-04	1.9	NS	
NM_028028	<i>Zswim1</i>	BXD60	NS	NS	4.13E-02	-1.5
NM_027964	<i>Zswim2</i>	BXD60	3.49E-02	-1.5	NS	NS
NM_001045536	<i>Zzef1</i>	BXD60	4.79E-02	1.5	NS	NS
NM_001166372	<i>-44256</i>	BXD71	3.11E-03	1.6	NS	NS
NM_030210	<i>Aacs</i>	BXD71	NS	NS	3.33E-03	-1.6
NM_013851	<i>Abca8b</i>	BXD71	4.85E-03	2.1	4.33E-02	1.8
NM_025538	<i>Alkbh7</i>	BXD71	NS	NS	1.37E-02	-1.6
NM_028390	<i>Anln</i>	BXD71	3.15E-02	2.1	NS	NS
NM_007481	<i>Arf6</i>	BXD71	NS	NS	2.77E-02	-1.3
NM_001172205	<i>Arid5a</i>	BXD71	NS	NS	2.47E-02	1.9
NM_023598	<i>Arid5b</i>	BXD71	1.45E-02	1.6	3.28E-04	1.8
NM_001162485	<i>Arrdc1</i>	BXD71	3.22E-02	1.4	NS	NS
NM_001042591	<i>Arrdc3</i>	BXD71	1.29E-05	2.4	1.45E-04	2.2
NM_001042592	<i>Arrdc4</i>	BXD71	1.16E-02	1.8	1.47E-02	1.7
NM_001287180	<i>Atf4</i>	BXD71	NS	NS	1.12E-02	-1.5
NM_026217	<i>Atg12</i>	BXD71	4.54E-03	1.4	4.49E-02	1.3

NM_001081182	<i>Atp8b2</i>	BXD71	NS	NS	2.45E-02	1.7
NM_001199304	<i>Atxn1</i>	BXD71	3.08E-02	1.4	2.09E-02	1.4
NM_001080930	<i>Atxn1l</i>	BXD71	NS	NS	4.79E-02	1.5
NM_016847	<i>Avpr1a</i>	BXD71	4.38E-03	-2.0	6.99E-03	-1.9
NM_020025	<i>B3galt2</i>	BXD71	9.02E-03	1.6	1.45E-02	1.5
NM_175325	<i>Bbs4</i>	BXD71	4.31E-03	1.4	3.27E-03	1.4
NM_001284410	<i>Bcl2l11</i>	BXD71	5.01E-04	2.3	2.11E-03	2.1
NM_133889	<i>Bsdc1</i>	BXD71	NS	NS	3.28E-04	1.5
NM_007570	<i>Btg2</i>	BXD71	NS	NS	8.98E-03	1.8
NM_009770	<i>Btg3</i>	BXD71	NS	NS	8.32E-04	2.0
NM_144817	<i>Camk1g</i>	BXD71	4.42E-02	-1.4	NS	NS
NM_007625	<i>Cbx4</i>	BXD71	NS	NS	2.33E-02	-1.4
NM_172404	<i>Ccbl1</i>	BXD71	3.22E-02	1.6	NS	NS
NM_144820	<i>Ccdc28a</i>	BXD71	2.93E-02	1.9	NS	NS
NM_026014	<i>Cdt1</i>	BXD71	NS	NS	1.99E-02	-1.7
NM_001081345	<i>Chd2</i>	BXD71	NS	NS	3.83E-03	1.6
NM_001289429	<i>Cipc</i>	BXD71	NS	NS	1.73E-02	-1.4
NM_025854	<i>Cir1</i>	BXD71	NS	NS	4.25E-03	1.5
NM_001243762	<i>Clcn5</i>	BXD71	NS	NS	2.69E-03	1.8
NM_001252525	<i>Cpeb1</i>	BXD71	4.37E-02	1.9	1.16E-02	2.0
NM_172728	<i>Creb5</i>	BXD71	NS	NS	2.06E-02	1.9
NM_001110850	<i>Crem</i>	BXD71	NS	NS	1.80E-02	1.7
NM_007762	<i>Crhr1</i>	BXD71	3.24E-02	-1.7	2.02E-02	-1.7
NM_028979	<i>Cyp2j9</i>	BXD71	NS	NS	2.11E-03	2.0
NM_020010	<i>Cyp51</i>	BXD71	NS	NS	1.28E-02	-1.4
NM_019553	<i>Ddx21</i>	BXD71	3.15E-02	-1.5	NS	NS
NM_021494	<i>Dennd5a</i>	BXD71	NS	NS	3.76E-02	1.3
NM_053272	<i>Dhcr24</i>	BXD71	1.49E-02	-1.4	8.45E-08	-1.7
NM_007842	<i>Dhx9</i>	BXD71	NS	NS	2.31E-02	-1.3
NM_019454	<i>Dll4</i>	BXD71	1.45E-02	-1.8	NS	NS
NM_025926	<i>Dnajb4</i>	BXD71	1.63E-03	1.5	NS	NS
NM_029669	<i>Dnajc18</i>	BXD71	3.98E-03	1.5	NS	NS
NM_001285807	<i>Dtna</i>	BXD71	NS	NS	2.46E-03	1.4
NM_013642	<i>Dusp1</i>	BXD71	5.22E-08	2.5	4.11E-08	2.5
NM_001048054	<i>Dusp16</i>	BXD71	2.18E-02	1.8	9.73E-06	2.4
NM_176933	<i>Dusp4</i>	BXD71	NS	NS	3.28E-04	-2.1
NM_026268	<i>Dusp6</i>	BXD71	NS	NS	3.33E-03	-1.7
NM_008748	<i>Dusp8</i>	BXD71	3.62E-04	1.4	2.02E-05	1.5

NM_026932	<i>Ebna1bp2</i>	BXD71	NS	NS	3.80E-02	-1.4
NM_001289925	<i>Egr3</i>	BXD71	2.11E-02	-1.8	1.45E-04	-2.3
NM_023794	<i>Etv5</i>	BXD71	6.16E-03	-1.8	2.03E-02	-1.6
NM_001163514	<i>Extl2</i>	BXD71	NS	NS	1.10E-02	1.5
NM_001163567	<i>Fam102b</i>	BXD71	3.22E-02	1.3	NS	NS
NM_183187	<i>Fam107a</i>	BXD71	4.08E-03	2.5	9.57E-04	2.6
NM_178908	<i>Fam26e</i>	BXD71	2.09E-03	1.9	2.48E-03	1.9
NM_175104	<i>Fam53c</i>	BXD71	6.27E-03	1.8	3.12E-02	1.7
NM_010191	<i>Fdft1</i>	BXD71	NS	NS	8.38E-04	-1.4
NM_001164259	<i>Fgfr1</i>	BXD71	NS	NS	1.76E-02	-1.6
NM_008013	<i>Fgl2</i>	BXD71	NS	NS	2.56E-03	1.8
NM_022009	<i>Flii</i>	BXD71	NS	NS	1.09E-02	-1.5
NM_001159706	<i>Folh1</i>	BXD71	NS	NS	4.50E-04	2.5
NM_008046	<i>Fst</i>	BXD71	4.25E-02	-1.7	1.88E-03	-1.9
NM_027518	<i>Gpr137c</i>	BXD71	9.55E-06	1.9	7.50E-06	1.9
NM_010338	<i>Gpr37</i>	BXD71	4.09E-04	2.0	3.83E-03	1.8
NM_145066	<i>Gpr85</i>	BXD71	3.15E-02	1.5	1.66E-02	1.5
NM_172768	<i>Gramd1b</i>	BXD71	2.78E-02	1.5	NS	NS
NM_001114333	<i>Grm1</i>	BXD71	4.42E-02	1.5	NS	NS
NM_198962	<i>Hcrtr2</i>	BXD71	NS	NS	2.46E-03	-1.9
NM_144835	<i>Heatr1</i>	BXD71	NS	NS	2.28E-02	-1.6
NM_010422	<i>Hexb</i>	BXD71	NS	NS	2.31E-02	1.4
NM_001098203	<i>Hic1</i>	BXD71	3.11E-02	-1.6	NS	NS
NM_010431	<i>Hif1a</i>	BXD71	2.53E-02	-1.3	NS	NS
NM_008255	<i>Hmgcr</i>	BXD71	NS	NS	8.41E-03	-1.5
NM_008256	<i>Hmgcs2</i>	BXD71	NS	NS	2.46E-03	2.4
NM_010476	<i>Hsd17b7</i>	BXD71	2.24E-03	-1.6	1.65E-02	-1.5
NM_024255	<i>Hsdl2</i>	BXD71	NS	NS	2.02E-02	1.5
NM_019564	<i>Htra1</i>	BXD71	2.30E-02	1.7	4.64E-03	1.8
NM_015755	<i>Hunk</i>	BXD71	NS	NS	3.00E-02	-1.7
NM_145360	<i>Idi1</i>	BXD71	7.98E-05	-1.8	8.45E-08	-2.2
NM_001101605	<i>Ifit1bl1</i>	BXD71	1.45E-02	2.1	NS	NS
NM_153526	<i>Insig1</i>	BXD71	3.69E-04	-2.0	2.46E-03	-1.8
NM_016851	<i>Irf6</i>	BXD71	NS	NS	1.56E-02	1.7
NM_010591	<i>Jun</i>	BXD71	2.72E-19	4.5	5.89E-15	3.6
NM_001286944	<i>Jund</i>	BXD71	3.77E-04	1.8	3.42E-04	1.7
NM_001081134	<i>Kcng1</i>	BXD71	NS	NS	6.79E-03	-1.8
NM_026214	<i>Kctd4</i>	BXD71	1.59E-02	1.5	NS	NS

NM_001122733	<i>Kit</i>	BXD71	NS	NS	3.28E-02	-1.3
NM_010636	<i>Klf12</i>	BXD71	NS	NS	2.66E-02	1.4
NM_078477	<i>Klf16</i>	BXD71	NS	NS	8.75E-03	-1.6
NM_001252658	<i>Ldlr</i>	BXD71	NS	NS	3.94E-03	-2.0
NM_001199043	<i>Lgals8</i>	BXD71	4.08E-03	1.6	NS	NS
NM_178005	<i>Lrrtm2</i>	BXD71	1.63E-02	1.4	NS	NS
NM_001045483	<i>Mapk1ip1</i>	BXD71	4.95E-03	1.5	3.33E-03	1.5
NM_011841	<i>Mapk7</i>	BXD71	1.45E-02	-1.4	NS	NS
NM_008563	<i>Mcm3</i>	BXD71	NS	NS	3.05E-02	-1.8
NM_008567	<i>Mcm6</i>	BXD71	3.15E-02	-1.5	NS	NS
NM_023799	<i>Mgea5</i>	BXD71	NS	NS	6.28E-03	1.4
NM_030110	<i>Micu3</i>	BXD71	NS	NS	2.63E-02	1.4
NM_021565	<i>Midn</i>	BXD71	NS	NS	1.65E-02	-1.5
NM_025436	<i>Msmo1</i>	BXD71	3.98E-03	-1.8	2.02E-05	-2.2
NM_013602	<i>Mt1</i>	BXD71	2.09E-03	1.6	2.77E-02	1.5
NM_008630	<i>Mt2</i>	BXD71	1.20E-04	2.4	1.39E-03	2.1
NM_008638	<i>Mthfd2</i>	BXD71	NS	NS	9.64E-03	-1.8
NM_138656	<i>Mvd</i>	BXD71	2.50E-02	-1.7	1.88E-03	-1.9
NM_001008542	<i>Mxi1</i>	BXD71	3.88E-03	1.5	9.79E-09	2.0
NM_028995	<i>Nipal3</i>	BXD71	NS	NS	1.70E-03	1.9
NM_021303	<i>Noc2l</i>	BXD71	NS	NS	1.65E-02	-1.5
NM_138747	<i>Nop2</i>	BXD71	NS	NS	1.45E-04	-1.7
NM_010342	<i>Npbwr1</i>	BXD71	1.63E-02	1.7	1.39E-03	1.9
NM_019409	<i>Omg</i>	BXD71	NS	NS	3.33E-03	1.5
NM_152818	<i>Osbp2</i>	BXD71	1.79E-02	1.4	4.17E-02	1.4
NM_001134791	<i>Osbp19</i>	BXD71	NS	NS	2.34E-04	1.5
NM_001285839	<i>Osgepl1</i>	BXD71	NS	NS	1.18E-02	1.7
NM_008812	<i>Padi2</i>	BXD71	NS	NS	2.71E-02	-1.8
NM_146169	<i>Paip2b</i>	BXD71	NS	NS	2.14E-02	1.5
NM_153594	<i>Pcmt2</i>	BXD71	NS	NS	4.35E-02	1.6
NM_024229	<i>Pcyt2</i>	BXD71	NS	NS	1.27E-02	-1.6
NM_001177980	<i>Pde4b</i>	BXD71	4.71E-03	1.5	3.92E-02	1.4
NM_008808	<i>Pdgfa</i>	BXD71	NS	NS	2.89E-02	-1.4
NM_001159367	<i>Per1</i>	BXD71	1.20E-02	1.6	9.68E-03	1.6
NM_053191	<i>Pi15</i>	BXD71	1.94E-02	2.0	NS	NS
NM_178149	<i>Pik3ip1</i>	BXD71	2.21E-03	2.0	1.39E-03	2.0
NM_001024955	<i>Pik3r1</i>	BXD71	5.00E-09	1.8	3.38E-10	1.9
NM_008872	<i>Plat</i>	BXD71	NS	NS	2.14E-02	1.6

NM_152813	<i>Plcd3</i>	BXD71	NS	NS	1.27E-02	1.7
NM_001033253	<i>Plekhhg1</i>	BXD71	1.94E-02	1.6	7.14E-05	2.0
NM_013807	<i>Plk3</i>	BXD71	NS	NS	1.65E-02	-1.6
NM_001033225	<i>Pnrc1</i>	BXD71	NS	NS	1.96E-02	1.4
NM_175523	<i>Ppm1k</i>	BXD71	3.91E-03	1.7	NS	NS
NM_028980	<i>Ppp4r4</i>	BXD71	7.19E-03	1.6	NS	NS
NM_182997	<i>Prkab2</i>	BXD71	3.03E-02	1.4	1.05E-02	1.5
NM_177698	<i>Psd3</i>	BXD71	3.10E-02	1.3	NS	NS
NM_139270	<i>Pth2r</i>	BXD71	4.70E-02	-2.0	NS	NS
NM_025831	<i>Pxdc1</i>	BXD71	2.29E-03	1.8	NS	NS
NM_029494	<i>Rab30</i>	BXD71	1.55E-03	1.6	2.02E-05	1.8
NM_001038621	<i>Rabgap1l</i>	BXD71	2.09E-03	1.4	1.06E-02	1.4
NM_001099624	<i>Rapgef2</i>	BXD71	1.29E-09	1.9	1.41E-07	1.7
NM_001252494	<i>Rapgef6</i>	BXD71	1.37E-06	2.1	1.95E-07	2.2
NM_028234	<i>Rbm33</i>	BXD71	NS	NS	1.80E-02	1.4
NM_001141981	<i>Rbm43</i>	BXD71	NS	NS	2.24E-02	1.5
NM_009062	<i>Rgs4</i>	BXD71	NS	NS	5.41E-03	1.6
NM_153514	<i>Rhobtb2</i>	BXD71	NS	NS	1.76E-02	-1.5
NM_021540	<i>Rnf130</i>	BXD71	5.14E-03	1.4	NS	NS
NM_001166553	<i>Rnf145</i>	BXD71	NS	NS	1.95E-03	-1.5
NM_146244	<i>Rps6kl1</i>	BXD71	6.92E-04	1.9	3.28E-04	2.0
NM_172604	<i>Scara3</i>	BXD71	NS	NS	4.55E-03	1.6
NM_009129	<i>Scg2</i>	BXD71	NS	NS	2.46E-03	1.4
NM_011521	<i>Sdc4</i>	BXD71	3.22E-02	1.9	1.10E-02	2.0
NM_030261	<i>Sesn3</i>	BXD71	NS	NS	1.20E-03	1.5
NM_009167	<i>Shc3</i>	BXD71	NS	NS	1.76E-02	-1.3
NM_001286538	<i>Sigmar1</i>	BXD71	NS	NS	4.25E-03	-1.5
NM_001167983	<i>Sipa1l1</i>	BXD71	NS	NS	2.37E-02	1.4
NM_027921	<i>Slc16a14</i>	BXD71	1.63E-02	1.6	3.42E-04	1.8
NM_001029842	<i>Slc16a6</i>	BXD71	NS	NS	4.70E-02	1.9
NM_001159593	<i>Slc20a1</i>	BXD71	3.68E-02	-1.4	1.51E-03	-1.5
NM_172479	<i>Slc38a5</i>	BXD71	NS	NS	2.59E-02	-1.5
NM_001081263	<i>Slc44a5</i>	BXD71	6.49E-05	1.8	3.51E-04	1.7
NM_025690	<i>Sltm</i>	BXD71	NS	NS	1.47E-02	-1.4
NM_008539	<i>Smad1</i>	BXD71	NS	NS	1.81E-02	1.4
NM_027671	<i>Sntg1</i>	BXD71	NS	NS	1.99E-02	1.6
NM_182927	<i>Spred3</i>	BXD71	3.15E-02	-1.9	NS	NS
NM_011898	<i>Spry4</i>	BXD71	3.22E-02	-1.7	1.69E-02	-1.8

NM_009270	<i>Sqle</i>	BXD71	NS	NS	4.96E-04	-1.7
NM_011358	<i>Srsf2</i>	BXD71	NS	NS	8.49E-03	-1.5
NM_001195485	<i>Srsf7</i>	BXD71	NS	NS	8.64E-03	-1.7
NM_133774	<i>Stard4</i>	BXD71	NS	NS	2.02E-02	-1.7
NM_019675	<i>Stmn4</i>	BXD71	3.15E-02	1.6	2.93E-02	1.5
NM_153563	<i>Strip1</i>	BXD71	NS	NS	1.65E-02	-1.4
NM_153399	<i>Syne1</i>	BXD71	3.22E-02	1.5	NS	NS
NM_001040085	<i>Sytl2</i>	BXD71	NS	NS	2.92E-03	2.0
NM_029431	<i>Them4</i>	BXD71	NS	NS	3.45E-02	1.5
NM_177412	<i>Tmcc1</i>	BXD71	NS	NS	1.96E-02	1.4
NM_001160385	<i>Tmem196</i>	BXD71	NS	NS	1.51E-03	1.9
NM_177344	<i>Tmem203</i>	BXD71	NS	NS	9.32E-03	-1.8
NM_011607	<i>Tnc</i>	BXD71	NS	NS	2.31E-02	-1.5
NM_001122843	<i>Tnpo2</i>	BXD71	3.91E-03	1.4	NS	NS
NM_198102	<i>Tra2a</i>	BXD71	NS	NS	7.41E-03	-1.5
NM_009186	<i>Tra2b</i>	BXD71	NS	NS	7.57E-03	-1.4
NM_001170855	<i>Trim36</i>	BXD71	NS	NS	4.03E-02	-2.0
NM_027182	<i>Trip13</i>	BXD71	4.37E-02	-1.7	NS	NS
NM_001009935	<i>Txnip</i>	BXD71	NS	NS	6.22E-05	3.3
NM_001169576	<i>Ube2h</i>	BXD71	6.92E-04	1.6	6.96E-04	1.6
NM_001083319	<i>Ubp1</i>	BXD71	NS	NS	1.32E-02	-1.4
NM_030724	<i>Uck2</i>	BXD71	NS	NS	2.46E-03	-1.4
NM_001039385	<i>Vgf</i>	BXD71	NS	NS	4.25E-03	-2.2
NM_001142580	<i>Vipas39</i>	BXD71	1.63E-02	1.4	NS	NS
NM_029478	<i>Vmp1</i>	BXD71	NS	NS	3.24E-02	1.4
NM_001110015	<i>Wdr36</i>	BXD71	NS	NS	5.12E-03	-1.5
NM_001035226	<i>Xpo1</i>	BXD71	3.86E-02	1.5	NS	NS
NM_001005342	<i>Ypel4</i>	BXD71	2.09E-03	2.4	1.50E-02	2.1
NM_027166	<i>Ypel5</i>	BXD71	1.29E-05	1.7	3.04E-03	1.5
NM_001115130	<i>Zbtb44</i>	BXD71	1.23E-02	1.4	1.76E-02	1.4
NM_001110309	<i>Zfp426</i>	BXD71	4.38E-03	1.6	8.75E-03	1.5
NM_001252584	<i>Zmynd8</i>	BXD71	7.48E-04	1.8	NS	NS
NR_045177	2900055J20Rik	BXD73	1.15E-02	1.7	NS	NS
NR_015488	A930003A15Rik	BXD73	2.81E-02	1.9	NS	NS
NM_030210	<i>Aacs</i>	BXD73	4.52E-02	-1.5	8.85E-03	-1.6
NM_001190443	<i>Abcf2</i>	BXD73	5.26E-03	-1.4	NS	NS
NM_009338	<i>Acat2</i>	BXD73	3.70E-02	-1.4	NS	NS
NM_025538	<i>Alkbh7</i>	BXD73	6.48E-03	-1.6	NS	NS

NM_020581	<i>Angptl4</i>	BXD73	2.29E-02	1.9	2.44E-02	2.0
NM_001277188	<i>Ano4</i>	BXD73	4.10E-02	1.5	NS	NS
NM_009705	<i>Arg2</i>	BXD73	3.94E-02	1.9	NS	NS
NM_023598	<i>Arid5b</i>	BXD73	6.46E-04	1.7	NS	NS
NM_001042591	<i>Arrdc3</i>	BXD73	2.05E-07	2.8	2.35E-06	2.6
NM_001042592	<i>Arrdc4</i>	BXD73	1.79E-02	1.7	NS	NS
NM_027444	<i>Bbx</i>	BXD73	NS	NS	1.25E-02	1.8
NM_001284410	<i>Bcl2l11</i>	BXD73	3.04E-06	2.8	3.19E-03	2.2
NM_009747	<i>Bdkrb2</i>	BXD73	6.66E-04	2.2	NS	NS
NM_007570	<i>Btg2</i>	BXD73	3.36E-02	1.7	NS	NS
NM_009770	<i>Btg3</i>	BXD73	1.41E-02	1.8	NS	NS
NM_144817	<i>Camk1g</i>	BXD73	8.90E-03	-1.5	NS	NS
NM_001285446	<i>Cbfa2t2</i>	BXD73	1.12E-02	-1.4	NS	NS
NM_007631	<i>Ccnd1</i>	BXD73	4.35E-04	-1.8	NS	NS
NM_007635	<i>Ccng2</i>	BXD73	NS	NS	3.24E-02	1.5
NM_031998	<i>Cep41</i>	BXD73	4.42E-02	-2.0	NS	NS
NM_001081345	<i>Chd2</i>	BXD73	4.31E-02	1.4	NS	NS
NM_199008	<i>Cox11</i>	BXD73	NS	NS	1.78E-02	-1.5
NM_001252525	<i>Cpeb1</i>	BXD73	3.08E-02	1.9	NS	NS
NM_172728	<i>Creb5</i>	BXD73	3.73E-02	1.8	9.76E-03	2.0
NM_001110850	<i>Crem</i>	BXD73	7.82E-03	1.7	2.92E-02	1.7
NM_028868	<i>Cxxc1</i>	BXD73	4.79E-02	-1.4	NS	NS
NM_028979	<i>Cyp2j9</i>	BXD73	1.41E-02	1.8	NS	NS
NM_020010	<i>Cyp51</i>	BXD73	2.77E-03	-1.5	4.33E-03	-1.5
NM_019553	<i>Ddx21</i>	BXD73	1.03E-02	-1.6	NS	NS
NM_053272	<i>Dhcr24</i>	BXD73	4.61E-06	-1.6	2.35E-06	-1.6
NM_177648	<i>Dolk</i>	BXD73	2.57E-02	-1.4	NS	NS
NM_001285807	<i>Dtna</i>	BXD73	2.63E-02	1.3	NS	NS
NM_013642	<i>Dusp1</i>	BXD73	3.06E-03	1.8	2.23E-03	1.8
NM_026268	<i>Dusp6</i>	BXD73	8.69E-04	-1.8	NS	NS
NM_008748	<i>Dusp8</i>	BXD73	1.68E-04	1.5	3.10E-02	1.3
NM_013512	<i>Epb41l4a</i>	BXD73	4.60E-02	-1.5	NS	NS
NM_008815	<i>Etv4</i>	BXD73	NS	NS	1.78E-02	-1.6
NM_010171	<i>F3</i>	BXD73	6.55E-03	1.7	NS	NS
NM_183187	<i>Fam107a</i>	BXD73	1.08E-04	3.0	1.90E-02	2.3
NM_178908	<i>Fam26e</i>	BXD73	2.23E-03	1.9	NS	NS
NM_175104	<i>Fam53c</i>	BXD73	3.73E-02	1.7	NS	NS
NM_010191	<i>Fdft1</i>	BXD73	2.21E-04	-1.5	2.50E-03	-1.4

NM_001253751	<i>Fdps</i>	BXD73	1.27E-03	-1.8	NS	NS
NM_010234	<i>Fos</i>	BXD73	3.06E-03	2.3	1.87E-02	2.1
NM_008036	<i>Fosb</i>	BXD73	1.37E-03	2.7	2.40E-02	2.3
NM_010244	<i>Fv1</i>	BXD73	1.37E-03	-2.2	NS	NS
NM_028022	<i>Gatsl3</i>	BXD73	1.64E-02	2.1	NS	NS
NM_001205101	<i>Gm13212</i>	BXD73	NS	NS	2.99E-02	2.3
NM_001204913	<i>Gm20172</i>	BXD73	NS	NS	1.87E-02	2.2
NM_153547	<i>Gnl3</i>	BXD73	4.62E-02	-1.6	NS	NS
NM_027518	<i>Gpr137c</i>	BXD73	5.27E-06	1.9	2.93E-02	1.5
NM_145066	<i>Gpr85</i>	BXD73	2.29E-02	1.5	NS	NS
NM_001195774	<i>Gprc5b</i>	BXD73	2.37E-02	1.5	NS	NS
NM_153419	<i>Grwd1</i>	BXD73	NS	NS	1.27E-02	-2.0
NM_010360	<i>Gstm5</i>	BXD73	3.70E-02	1.3	NS	NS
NM_198962	<i>Hcrtr2</i>	BXD73	1.63E-02	-1.8	NS	NS
NM_144835	<i>Heatr1</i>	BXD73	8.14E-03	-1.7	4.29E-02	-1.6
NM_026101	<i>Herc4</i>	BXD73	8.59E-03	-1.6	NS	NS
NM_010431	<i>Hif1a</i>	BXD73	1.68E-02	-1.3	NS	NS
NM_008256	<i>Hmgcs2</i>	BXD73	5.48E-04	2.7	1.13E-02	2.3
NM_198937	<i>Hn1l</i>	BXD73	2.24E-02	-1.6	NS	NS
NM_053262	<i>Hsd17b11</i>	BXD73	2.05E-02	1.5	NS	NS
NM_010476	<i>Hsd17b7</i>	BXD73	7.60E-04	-1.7	7.99E-04	-1.7
NM_019564	<i>Htra1</i>	BXD73	2.91E-02	1.6	NS	NS
NM_145360	<i>Idi1</i>	BXD73	2.05E-07	-2.1	8.33E-07	-2.1
NM_013562	<i>Ifrd1</i>	BXD73	NS	NS	8.35E-03	-1.8
NM_010518	<i>Igfbp5</i>	BXD73	NS	NS	3.94E-02	1.6
NM_001033323	<i>Igsf9b</i>	BXD73	1.53E-02	1.8	NS	NS
NM_153526	<i>Insig1</i>	BXD73	1.57E-06	-2.3	5.97E-06	-2.3
NM_010591	<i>Jun</i>	BXD73	2.62E-08	2.5	2.35E-06	2.2
NM_001286944	<i>Jund</i>	BXD73	9.56E-06	1.9	4.29E-02	1.5
NM_001081134	<i>Kcng1</i>	BXD73	NS	NS	2.38E-02	-1.8
NM_080465	<i>Kcnm2</i>	BXD73	4.70E-02	1.4	NS	NS
NM_026200	<i>Kcnv1</i>	BXD73	4.12E-02	-1.7	NS	NS
NM_010636	<i>Klf12</i>	BXD73	NS	NS	3.94E-02	1.4
NM_078477	<i>Klf16</i>	BXD73	2.71E-02	-1.6	NS	NS
NM_010638	<i>Klf9</i>	BXD73	2.34E-02	1.5	NS	NS
NM_001252658	<i>Ldlr</i>	BXD73	5.10E-04	-2.3	3.61E-04	-2.3
NM_001045483	<i>Mapk1ip1</i>	BXD73	4.71E-02	1.4	NS	NS
NM_011841	<i>Mapk7</i>	BXD73	2.71E-02	-1.4	NS	NS

NM_008567	<i>Mcm6</i>	BXD73	1.79E-02	-1.5	NS	NS
NM_026896	<i>Med27</i>	BXD73	1.45E-03	-1.5	NS	NS
NM_023799	<i>Mgea5</i>	BXD73	3.30E-03	1.4	1.97E-04	1.5
NM_025878	<i>Mrps18b</i>	BXD73	NS	NS	1.06E-03	-1.8
NM_025436	<i>Msmo1</i>	BXD73	2.71E-05	-2.2	1.83E-04	-2.1
NM_013602	<i>Mt1</i>	BXD73	1.93E-04	1.8	NS	NS
NM_008630	<i>Mt2</i>	BXD73	1.57E-06	2.8	5.18E-03	2.1
NM_138656	<i>Mvd</i>	BXD73	2.42E-04	-2.1	5.38E-03	-1.9
NM_001008542	<i>Mxi1</i>	BXD73	1.57E-06	1.8	2.40E-04	1.6
NM_028757	<i>Nabl</i>	BXD73	NS	NS	9.71E-04	2.0
NM_001048168	<i>Nfyc</i>	BXD73	1.45E-02	-1.4	NS	NS
NM_001161329	<i>Nol11</i>	BXD73	1.82E-02	-1.4	NS	NS
NM_010941	<i>Nsdhl</i>	BXD73	1.08E-02	-1.4	NS	NS
NM_178644	<i>Oaf</i>	BXD73	NS	NS	1.36E-02	2.2
NM_146293	<i>Olf1143</i>	BXD73	NS	NS	2.92E-02	-2.4
NM_146462	<i>Olf1202</i>	BXD73	4.31E-02	2.4	NS	NS
NM_001134791	<i>Osbpl9</i>	BXD73	1.54E-02	1.3	5.59E-04	1.5
NM_029078	<i>Pcf11</i>	BXD73	3.75E-02	-1.5	NS	NS
NM_178149	<i>Pik3ip1</i>	BXD73	5.18E-03	1.9	NS	NS
NM_001024955	<i>Pik3r1</i>	BXD73	5.78E-05	1.5	2.87E-04	1.5
NM_152813	<i>Plcd3</i>	BXD73	2.89E-04	2.1	NS	NS
NM_001033253	<i>Plekhg1</i>	BXD73	1.37E-03	1.8	1.25E-02	1.7
NM_013807	<i>Plk3</i>	BXD73	4.26E-02	-1.6	2.40E-02	-1.6
NM_001033225	<i>Pnrc1</i>	BXD73	3.39E-02	1.4	NS	NS
NM_008654	<i>Ppp1r15a</i>	BXD73	4.10E-02	1.5	NS	NS
NM_145404	<i>Prmt7</i>	BXD73	4.92E-03	-1.5	NS	NS
NM_001136079	<i>Ptger4</i>	BXD73	4.91E-02	-1.7	NS	NS
NM_029494	<i>Rab30</i>	BXD73	5.41E-06	1.9	1.99E-03	1.6
NM_001099624	<i>Rapgef2</i>	BXD73	3.40E-04	1.5	NS	NS
NM_001252494	<i>Rapgef6</i>	BXD73	2.08E-05	2.0	2.40E-05	2.0
NM_028234	<i>Rbm33</i>	BXD73	NS	NS	3.37E-02	1.4
NM_009062	<i>Rgs4</i>	BXD73	1.41E-03	1.7	NS	NS
NM_001166553	<i>Rnf145</i>	BXD73	5.26E-03	-1.4	NS	NS
NM_146244	<i>Rps6kl1</i>	BXD73	6.55E-03	1.8	3.85E-03	1.8
NM_172604	<i>Scara3</i>	BXD73	1.60E-02	1.6	NS	NS
NM_011521	<i>Sdc4</i>	BXD73	2.71E-02	1.9	NS	NS
NM_030261	<i>Sesn3</i>	BXD73	8.68E-03	1.4	1.41E-03	1.5
NM_027921	<i>Slc16a14</i>	BXD73	1.46E-02	1.6	NS	NS

NM_001159593	<i>Slc20a1</i>	BXD73	2.18E-04	-1.6	NS	NS
NM_001199283	<i>Slc43a2</i>	BXD73	5.28E-04	1.8	NS	NS
NM_008539	<i>Smad1</i>	BXD73	1.14E-03	1.5	NS	NS
NM_001252481	<i>Smad2</i>	BXD73	NS	NS	1.87E-03	-1.7
NM_009238	<i>Sox4</i>	BXD73	1.84E-02	1.6	NS	NS
NM_182927	<i>Spred3</i>	BXD73	2.31E-02	-1.9	NS	NS
NM_009270	<i>Sqle</i>	BXD73	4.31E-02	-1.4	1.87E-02	-1.5
NM_009272	<i>Srm</i>	BXD73	7.09E-04	-1.6	NS	NS
NM_016795	<i>Srpk1</i>	BXD73	3.70E-03	-1.6	NS	NS
NM_011358	<i>Srsf2</i>	BXD73	2.23E-03	-1.5	NS	NS
NM_001195485	<i>Srsf7</i>	BXD73	3.06E-03	-1.8	NS	NS
NM_133774	<i>Stard4</i>	BXD73	8.91E-05	-2.1	2.01E-02	-1.7
NM_001040085	<i>Sytl2</i>	BXD73	9.37E-04	2.1	NS	NS
NM_177003	<i>Tigar</i>	BXD73	NS	NS	3.54E-02	-1.7
NM_133706	<i>Tmem97</i>	BXD73	NS	NS	4.84E-03	-1.9
NM_001127233	<i>Trp53</i>	BXD73	3.73E-02	-1.5	NS	NS
NM_001009935	<i>Txnip</i>	BXD73	4.38E-07	4.4	3.98E-05	3.5
NM_001169576	<i>Ube2h</i>	BXD73	1.45E-02	1.4	NS	NS
NM_020603	<i>Wdr46</i>	BXD73	NS	NS	4.29E-02	-1.8
NM_001005342	<i>Ypel4</i>	BXD73	2.88E-02	2.0	1.78E-02	2.1
NM_001033466	<i>Zbtb2</i>	BXD73	1.08E-02	-1.7	NS	NS
NM_001267583	<i>Zfp811</i>	BXD73	1.05E-03	1.7	NS	NS