

Table 5. Donor cells compared with NT embryos

Up-regulated in NT embryos <i>n</i> =795				Up-regulated in donor cells <i>n</i> =751			
Symbol	Seq. Identifier	UniGene ID*	Fold Δ^\dagger	Symbol	Seq. Identifier	UniGene ID*	Fold Δ^\ddagger
<i>I01F6</i>	BF039704	Hs.149443	2.1	<i>8-Sep</i>	AW465267	Hs.307944	3.5
<i>I82-FIP</i>	AW465309	Hs.355608	5.9	<i>1700012P16Rik</i>	AW464774	Mm.218744	4.6
<i>ABCA1</i>	BF040532	Hs.147259	3.1	<i>I82-FIP</i>	BF046420	Hs.355608	2.6
<i>ABCC2</i>	AW465042	Hs.193852	3.1	<i>AB026190</i>	BF043305	Hs.106290	3.2
<i>ABCC5</i>	BM362093	Hs.34744	9.7	<i>ABCC10</i>	AW461699	Hs.55879	2.3
<i>ABCD3</i>	BF042967	Hs.76781	3	<i>ABI-2</i>	BF039032	Hs.387906	2.2
<i>ABHD6</i>	AW462708	Hs.39056	2.6	<i>ACOX1</i>	AW465214	Hs.379991	7.1
<i>ACAA1</i>	BF046493	Hs.166160	2.3	<i>ACP33</i>	BF041695	Hs.242458	2.1
<i>ACAS2L</i>	BF043956	Bt.15996	4.8	<i>ACSL5</i>	BF039416	Hs.11638	7.9
<i>ACLY</i>	AW464782	Hs.387567	2.7	<i>ACTN1</i>	BF039521	Hs.119000	2.2
<i>ACP5</i>	AW463855	Hs.1211	5.6	<i>AD-020</i>	BF044610	Hs.82933	2.7
<i>ACSL6</i>	AW464268	Hs.14945	8.3	<i>ADAMTS1</i>	BF043048	Hs.8230	2.7
<i>AF3P21</i>	BF043565	Hs.102929	2.8	<i>ADAR</i>	AW463765	Hs.7957	3
<i>AFTIPHILIN</i>	AW462194	Hs.7942	2.9	<i>ADNP</i>	BM365941	Hs.448540	5.8
<i>AGPAT3</i>	BF042280	Hs.443657	4.4	<i>AFG3L1</i>	BF044093	Hs.337620	15.4
<i>AGTRL2</i>	BF044923	Hs.433156	2.7	<i>AGA</i>	AW462575	Hs.207776	3.3
<i>AHCY</i>	AW462820	Hs.388004	3.8	<i>AGPAT3</i>	BF042370	Hs.443657	2.8
<i>AK3</i>	AW465803	Hs.10862	4.6	<i>AHCYL1</i>	AW464967	Hs.4113	2
<i>AKAP12</i>	AW463034	Hs.197081	3.5	<i>AHNAK</i>	BF039701	Hs.378738	2.2
<i>AKR1B1</i>	AW462009	Hs.75313	4	<i>AIM1</i>	BF044762	Hs.422550	5.5
<i>AKR7A3</i>	AW461500	Hs.6980	2.1	<i>AKAP11</i>	BF045445	Hs.414995	2.1
<i>ALAD</i>	AW462442	Hs.1227	3.3	<i>AKAP2</i>	BF041120	Hs.42322	21.9
<i>ALDOC</i>	AW462357	Hs.155247	2.5	<i>AKAP8L</i>	AW466052	Hs.96200	2.5
<i>AMD1</i>	BF046637	Hs.159118	4.5	<i>AKR7A3</i>	AW465640	Hs.6980	2.2
<i>ANP32E</i>	BF046443	Hs.385913	2.9	<i>ALG5</i>	BF040851	Hs.339428	2.9
<i>ANXA2</i>	AW466147	Hs.462864	2	<i>AMFR</i>	BF041516	Hs.295137	3
<i>ANXA8</i>	AW462193	Hs.463110	3.3	<i>ANC_2H01</i>	BF039531	Hs.22879	3.3
<i>ANXA8</i>	AW465301	Bt.5026	2.4	<i>ANKRD1</i>	AW464818	Hs.448589	4.4
<i>AP2B1</i>	AW464249	Hs.370123	3.6	<i>ANKRD10</i>	BF045302	Hs.164969	2
<i>AP4S1</i>	BF044230	Hs.496614	2.4	<i>ANKRD12</i>	AW464401	Hs.388877	2.6
<i>APEX1</i>	BF040000	Hs.73722	2.1	<i>ANKRD25</i>	BF042341	Hs.284208	4.9
<i>APLP2</i>	AW464890	Hs.279518	2.8	<i>ANKRD27</i>	BF040592	Hs.59236	2.4
<i>APOA1</i>	AW462476	Hs.93194	3	<i>ANKRD28</i>	BF039515	Hs.273104	2.2
<i>APPBP2</i>	BF046670	Hs.84084	5.4	<i>ANPEP</i>	AW461514	Hs.1239	2.9
<i>APRT</i>	BF044049	Hs.28914	2	<i>ANXA11</i>	BF042214	Bt.5150	2.9
<i>APXL</i>	BF045273	Hs.2391	7.5	<i>ANXA11</i>	AW464058	Hs.75510	2.4
<i>AQP3</i>	BF040026	Hs.234642	26.4	<i>ANXA4</i>	AW461550	Hs.422986	6
<i>ARF5</i>	AW464330	Hs.430657	2.7	<i>ANXA5</i>	BF041575	Hs.145741	21.8
<i>ARHGAP9</i>	BF046238	Hs.437126	2.3	<i>ARHGAP9</i>	BF041844	Hs.437126	28.4
<i>ARL10B</i>	AW462077	Hs.348709	2.6	<i>ARHGEF12</i>	BF046696	Hs.413112	4.6
<i>ARL6IP2</i>	AW464488	Hs.370800	7.4	<i>ARHGEF3</i>	BF043067	Hs.25951	3
<i>ARMET</i>	AW465227	Hs.436446	2.7	<i>ARHQ</i>	BF044629	Hs.442989	5.6
<i>ARPC5L</i>	AW461349	Hs.132499	4.6	<i>ARK5</i>	BF045905	Hs.200598	4.5
<i>ARPP-19</i>	BF045103	Hs.7351	5.9	<i>ARL1</i>	AW463285	Hs.372616	2.1
<i>ASF1A</i>	AW465932	Hs.292316	3.1	<i>ARL7</i>	BF044311	Hs.111554	2.4
<i>ASRGL1</i>	AW462206	Hs.433197	5.3	<i>ARNT</i>	BF045592	Hs.131494	6
<i>ATP11A</i>	BF046256	Hs.29189	3.4	<i>ARPC5</i>	BF039187	Hs.126222	2.6
<i>ATP1B3</i>	AW462679	Hs.76941	5	<i>ASAH1</i>	AW461677	Hs.324808	3.2

<i>ATP5A1</i>	BF039512	Hs.298280	3.1	<i>ATF3</i>	BF043007	Hs.460	2.3
<i>ATP5B</i>	AW466055	Hs.406510	2.7	<i>ATF6</i>	BF040108	Hs.433046	2.7
<i>ATP5F1</i>	AW464381	Hs.81634	3.3	<i>AXL</i>	AW465195	Hs.83341	8.7
<i>ATP5H</i>	AW462319	Hs.155728	2.2	<i>BAG2</i>	BM366740	Hs.55220	4
<i>ATP5J</i>	AW464223	Hs.246310	2.4	<i>BCAP29</i>	BF045258	Hs.303787	3.7
<i>ATP5O</i>	BF041499	Hs.409140	2.1	<i>BCAR3</i>	BF043710	Hs.201993	5.5
<i>ATP6AP1</i>	AW465974	Hs.6551	2.8	<i>BFAR</i>	BF040942	Hs.435556	2.7
<i>ATP6V1A</i>	BF044729	Hs.409131	5	<i>BHLHB2</i>	AW462121	Hs.171825	18.6
<i>ATP6V1B2</i>	AW463255	Hs.295917	3	<i>BLP1</i>	AW464609	Hs.7471	2.3
<i>AYP1</i>	AW463302	Hs.334800	2.4	<i>BNIP3L</i>	BF045133	Hs.132955	6
<i>B4GALT3</i>	AW465328	Hs.321231	4.8	<i>BS69</i>	BF040504	Hs.145894	4.4
<i>B4GALT5</i>	BF040625	Hs.107526	3.5	<i>BTBD7</i>	AW462492	Hs.379758	4.4
<i>BANF1</i>	AW461442	Hs.433759	2.4	<i>BTEB1</i>	AW462812	Hs.150557	9.6
<i>BASP1</i>	AW462896	Hs.511745	11.8	<i>C10orf30</i>	BF042123	Hs.436344	6.7
<i>BAT1</i>	AW462165	Hs.254042	2.7	<i>C10orf74</i>	BF045989	Hs.352398	3.1
<i>BAT4</i>	BM364907	Hs.247478	2	<i>C12orf10</i>	AW464916	Hs.400801	4.1
<i>BAT5</i>	BF041056	Hs.388188	2.2	<i>C1orf24</i>	BM364428	Hs.48778	2.3
<i>BAZ1B</i>	AW463160	Hs.194688	3.3	<i>C1QTNF5</i>	BF046067	Hs.157211	3.5
<i>BC004012</i>	BF042883	Mm.28347	10	<i>C1R</i>	BM365265	Hs.308680	12.6
<i>BCAS2</i>	BF040123	Hs.22960	3.1	<i>C1S</i>	BF044250	Hs.458355	21.1
<i>BCAT1</i>	BF039683	Hs.438993	4.1	<i>C20orf108</i>	AW462065	Hs.143736	2.5
<i>BCL2L1</i>	AW464309	Hs.305890	3.6	<i>C20orf140</i>	BF040011	Hs.203514	2.8
<i>BIG1</i>	BF042236	Hs.94631	5.7	<i>C20orf9</i>	BF042987	Hs.24994	2.7
<i>BIN2</i>	BF043568	Hs.14770	2	<i>C21orf33</i>	BF042591	Hs.413482	4.1
<i>BLM</i>	AW463955	Hs.383913	3.1	<i>C21orf5</i>	AW462239	Hs.129781	2.6
<i>BM-009</i>	BF044372	Hs.369973	3.6	<i>C21orf66</i>	AW462169	Hs.297559	3
<i>BRD4</i>	BF046598	Hs.278675	2.1	<i>C2orf17</i>	BF046119	Hs.22412	2.9
<i>BRRN1</i>	AW464415	Hs.308045	8.6	<i>C2orf22</i>	AW465208	Hs.274415	2.3
<i>BSPRY</i>	BF041108	Hs.108502	4.6	<i>C3orf6</i>	BF045000	Hs.55098	2.7
<i>BZW2</i>	AW464734	Hs.5216	3.4	<i>C6orf89</i>	BM362924	Hs.433381	7.7
<i>C10orf9</i>	BF046378	Hs.6820	2.4	<i>C8orf4</i>	BF041835	Hs.283683	73
<i>C14orf119</i>	AW464828	Hs.303901	2.3	<i>C9orf91</i>	BF044011	Hs.170226	5.6
<i>C14orf58</i>	AW461833	Hs.267566	3.7	<i>CA12</i>	AW461641	Hs.279916	2.2
<i>C18B11</i>	BF040115	Hs.173311	3	<i>CA2</i>	AW464980	Hs.155097	7.9
<i>C19orf17</i>	BF040765	Hs.334641	2.6	<i>CALD1</i>	AW465282	Hs.443811	7.4
<i>C21orf45</i>	AW463565	Hs.49932	15	<i>CALM1</i>	BM366884	Hs.282410	2
<i>C4A</i>	BF045738	Hs.150833	2.5	<i>CALU</i>	BF045298	Hs.7753	3.5
<i>C6orf119</i>	AW465061	Hs.80624	2.4	<i>CAST</i>	AW463060	Hs.440961	4.3
<i>C6orf145</i>	AW465632	Hs.69388	2.8	<i>CAT</i>	AW463812	Hs.395771	4.9
<i>C6orf209</i>	BF044136	Hs.439494	2.3	<i>CAVI</i>	BF045543	Hs.74034	67.9
<i>C6orf67</i>	BF042344	Hs.108530	2.8	<i>CCL2</i>	AW462597	Hs.303649	13.8
<i>C6orf80</i>	BF039298	Hs.44468	2.7	<i>CCL26</i>	BM365027	Hs.131342	14.7
<i>C7orf30</i>	BF043931	Hs.87385	5.1	<i>CCNI</i>	AW462171	Hs.369110	3.1
<i>C9orf58</i>	BM365207	Hs.4944	4.1	<i>CD109</i>	BF040065	Hs.94030	3.3
<i>C9orf83</i>	BF041658	Hs.415534	2.2	<i>CD3Z</i>	BM366758	Bt.4763	9.6
<i>CA12</i>	BF043907	Hs.279916	2.3	<i>CD44</i>	BF045864	Hs.306278	23
<i>CALM2</i>	AW462531	Hs.425808	2.9	<i>CD47</i>	BF042652	Hs.446414	48.4
<i>CANX</i>	BF044404	Hs.155560	3.9	<i>CD81</i>	AW465486	Hs.54457	2.1
<i>CAPN6</i>	AW465935	Hs.169172	5.9	<i>CDA11</i>	AW463949	Hs.429857	4.7
<i>CCBL1</i>	AW461608	Hs.382311	3.3	<i>CDC37</i>	BF046007	Hs.160958	2.1
<i>CCDC5</i>	AW465173	Hs.436617	2.4	<i>CDC42EP3</i>	AW464998	Hs.352554	8.2
<i>CCNC</i>	BF045762	Hs.435450	3.2	<i>CDKN1A</i>	BF039111	Hs.370771	4.2

<i>CCNE1</i>	BF045665	Hs.244723	6.7	<i>CDW92</i>	BF041177	Hs.414728	3.3
<i>CCRN4L</i>	BF042937	Hs.436534	4.9	<i>CDYL</i>	BF043684	Hs.16081	3
<i>CCT2</i>	AW465425	Hs.189772	2.9	<i>CEBPG</i>	AW465166	Hs.2227	3.2
<i>CCT3</i>	AW464746	Hs.1708	2.9	<i>CHIC2</i>	BF040641	Hs.259209	2
<i>CCT8</i>	BF040432	Hs.416211	2.3	<i>CHRDLI</i>	BF039550	Hs.440324	6.1
<i>CD48</i>	BF043735	Hs.901	39.1	<i>CHRNBI</i>	BM366037	Bt.5107	10.9
<i>Cd48</i>	BM365897	Mm.1738	14	<i>CHSI</i>	AW462482	Hs.130188	11.7
<i>CD59</i>	BF040446	Hs.278573	2.5	<i>CIZ1</i>	BF042209	Hs.23476	2.7
<i>CD9</i>	AW461966	Hs.387579	2.2	<i>CLN5</i>	BF039545	Hs.30213	2.8
<i>CDC20</i>	AW463493	Hs.82906	13.8	<i>CLNSIA</i>	BF043957	Hs.417369	6.8
<i>CDC34</i>	AW461687	Hs.423615	3.3	<i>COL1A2</i>	BF041697	Hs.232115	45.6
<i>CDCA7</i>	BF041522	Hs.435733	3.4	<i>COL3A1</i>	AW464442	Hs.443625	51.1
<i>CDCA8</i>	BF039863	Hs.48855	7	<i>COL5A2</i>	AW463762	Hs.283393	9.8
<i>CDHI</i>	AW463648	Hs.194657	2.5	<i>COPG2</i>	BM362004	Hs.258811	4.5
<i>CDK7</i>	BF044628	Hs.184298	4.6	<i>CRABP2</i>	AW466200	Hs.183650	2.3
<i>CENPJ</i>	BF041447	Hs.434229	5.8	<i>CREG</i>	BM362069	Hs.5710	6.3
<i>CEPT1</i>	BF042816	Hs.363572	8.5	<i>CRIM1</i>	BF045277	Hs.170752	9.9
<i>CGI-100</i>	BF043542	Hs.348996	2.7	<i>CSDA</i>	AW462503	Hs.221889	13
<i>CGI-27</i>	AW464792	Hs.438880	2.4	<i>CSNK1A1</i>	AW465807	Hs.519667	2
<i>CGI-41</i>	BF044044	Hs.512597	11.3	<i>CSNK1G3</i>	AW462731	Hs.129206	2.5
<i>CGI-85</i>	AW464950	Hs.442630	6.6	<i>CST6</i>	BF040853	Hs.139389	4.6
<i>CGI-94</i>	AW465760	Hs.111449	2.1	<i>CT120</i>	BF039086	Hs.154396	8.4
<i>CGN</i>	BF042316	Hs.18376	5.2	<i>CTDSP2</i>	BF046527	Hs.355816	2.2
<i>CHCHD2</i>	AW465073	Hs.389996	3.8	<i>CTGF</i>	AW462432	Hs.410037	5.7
<i>CIP29</i>	AW462762	Hs.410597	3.1	<i>CTMP</i>	BF039883	Hs.293691	4
<i>CIT</i>	BF043570	Hs.405932	5.5	<i>CTSB</i>	AW464470	Bt.393	2.5
<i>CITED1</i>	AW465609	Hs.40403	3.9	<i>CTSK</i>	AW464548	Hs.83942	81.5
<i>CKLFSF4</i>	BM366064	Hs.325825	3.1	<i>CTSS</i>	BF044942	Hs.181301	2.9
<i>CKNI</i>	AW465888	Hs.32967	2.7	<i>CXCL16</i>	AW463646	Hs.82407	6.1
<i>CKS1B</i>	AW463833	Hs.374378	3.2	<i>CXYORF1</i>	AW461430	Hs.446466	5.5
<i>CLCN3</i>	AW464787	Hs.372528	5.3	<i>CYB5-M</i>	BF040355	Hs.443495	2.1
<i>CLDN4</i>	AW465575	Hs.5372	2.6	<i>DAP</i>	AW465882	Hs.75189	3.9
<i>CLIC1</i>	BF046257	Hs.414565	5.8	<i>DAZAP2</i>	AW464715	Hs.369761	2.5
<i>CLK2</i>	AW462412	Hs.73986	2	<i>DCN</i>	AW464991	Hs.156316	62.6
<i>CLTA</i>	AW464992	Hs.207052	3.6	<i>DCTN2</i>	AW462210	Hs.289123	2
<i>CNO</i>	BF044812	Hs.7570	2.3	<i>DDR2</i>	BF040874	Hs.440905	71.2
<i>COIL</i>	AW463457	Hs.966	2.5	<i>DDX5</i>	BF040554	Hs.279806	4.1
<i>COMMD2</i>	AW461561	Hs.432729	2.3	<i>DHRS6</i>	AW465820	Hs.124696	6.4
<i>COTLI</i>	BF042957	Hs.289092	2.7	<i>DIP13B</i>	AW463212	Hs.370019	4.6
<i>COX17</i>	BM362515	Hs.16297	2.5	<i>DKFZP434A0225</i>	AW462850	Hs.83293	2.5
<i>COX6B</i>	BM364927	Hs.431668	2.5	<i>DKFZp434D0215</i>	AW465570	Hs.24715	2.8
<i>COX7A2</i>	BF039921	Hs.70312	6.6	<i>DKFZP434K046</i>	BF043548	Hs.444253	2.3
<i>CPNE1</i>	AW465029	Hs.166887	3.6	<i>DKFZP434N1923</i>	BF044836	Hs.295866	8.4
<i>CPNE3</i>	AW462705	Hs.14158	3.2	<i>DKFZp547A023</i>	AW464072	Hs.374649	3.1
<i>CRA</i>	BF042724	Hs.425144	5.4	<i>DKFZP547N043</i>	BF042319	Hs.23971	3.1
<i>CRIP1</i>	BF041729	Hs.423190	4.6	<i>DKFZP566D193</i>	AW465283	Hs.106909	3
<i>CRKL</i>	AW465898	Hs.5613	2.7	<i>DKFZp761B128</i>	BF042221	Hs.61976	5.8
<i>CRNKL1</i>	AW465188	Hs.171342	2.1	<i>DKFZp761K1423</i>	BF044397	Hs.236438	4.4
<i>CSNK2A1</i>	BF040612	Hs.446484	5	<i>DMTF1</i>	BF046571	Hs.129506	3.1
<i>CSRP2</i>	AW463452	Hs.10526	4.4	<i>DNAJA4</i>	AW462766	Hs.76853	4.3
<i>CSTB</i>	AW462722	Hs.695	3.1	<i>DNAJCI</i>	BF042292	Hs.13015	2.4
<i>CTBP2</i>	BF044633	Hs.171391	2.9	<i>DNAJJC3</i>	BF040929	Hs.6019	2.3

<i>CTNND1</i>	BF045618	Hs.166011	2.6	<i>DNASE2</i>	AW464626	Hs.118243	3.1
<i>CTSL</i>	BF045667	Hs.418123	6	<i>DNCL2A</i>	BM364049	Hs.100002	2.1
<i>CTSZ</i>	AW462127	Hs.252549	2.1	<i>DOC1</i>	BF046207	Hs.15432	3.5
<i>CXX1</i>	AW462811	Hs.250708	9.7	<i>DPI</i>	BF039900	Hs.173119	2.4
<i>CYB5-M</i>	AW465247	Hs.443495	7.1	<i>DPP7</i>	BF043927	Hs.37916	2.6
<i>CYCS</i>	AW464135	Hs.437060	10	<i>DPYSL2</i>	BM362088	Hs.173381	13
<i>D1S155E</i>	BM365429	Hs.69855	3	<i>DRCTNNB1A</i>	BF041741	Hs.85603	2.1
<i>DAPPI</i>	BF043679	Hs.62643	10.1	<i>DREVI</i>	AW463061	Hs.279583	2.1
<i>DC13</i>	BF044728	Hs.6879	2.9	<i>DSCR1</i>	BF041330	Hs.282326	3.6
<i>DC-TM4F2</i>	AW465595	Hs.509050	2.4	<i>DUSP1</i>	AW464709	Hs.171695	3.8
<i>DCXR</i>	BF043899	Hs.9857	2.5	<i>DUSP12</i>	BF042534	Hs.416216	3.7
<i>DDR1</i>	AW465990	Hs.423573	2.2	<i>DUSP3</i>	AW464118	Hs.181046	3.4
<i>DDX24</i>	AW461868	Hs.372267	2.5	<i>DUSP6</i>	BF040804	Hs.298654	5.1
<i>DDX39</i>	BF043055	Hs.311609	2.2	<i>DUT</i>	AW465805	Hs.367676	2.3
<i>DDX46</i>	BF043409	Hs.486709	2.1	<i>EEF2K</i>	BF041020	Hs.259855	5.2
<i>DHTKD1</i>	BF039945	Hs.501565	3.3	<i>EFNA5</i>	BF042122	Hs.37142	7.3
<i>DHX15</i>	BF042942	Hs.5683	2.4	<i>EGR1</i>	AW465088	Hs.326035	23.4
<i>DIAPH1</i>	AW462364	Hs.511896	2.4	<i>EIF2C4</i>	BF040889	Hs.437864	2.4
<i>DJ465N24.2.1</i>	AW465717	Hs.259412	2.3	<i>EIF4B</i>	AW465754	Hs.93379	2.2
<i>DKFZp434C0328</i>	AW465838	Hs.24583	3.1	<i>EIF4G3</i>	AW462371	Hs.402697	6.2
<i>DKFZP434C212</i>	AW462097	Hs.287266	7.6	<i>Ells1</i>	BF045063	Hs.7913	16.8
<i>DKFZP434D146</i>	BF040351	Hs.240845	9.8	<i>ENSA</i>	BF044937	Hs.511916	2.5
<i>DKFZp434N2030</i>	BF045165	Hs.494204	2.1	<i>EPAS1</i>	AW461996	Hs.8136	43.8
<i>DKFZP564I122</i>	AW462778	Hs.13024	2.4	<i>EPM2AIP1</i>	BM366281	Hs.28020	2
<i>DKFZP564O043</i>	BF046098	Hs.112605	2.9	<i>ERCC1</i>	AW463694	Hs.435981	2
<i>DKFZp761G058</i>	BF043289	Hs.291000	2.3	<i>ERG</i>	AW463645	Hs.45514	12.3
<i>DLD</i>	AW464660	Hs.74635	3.8	<i>ESM1</i>	BF041545	Hs.410668	6.9
<i>DNCLI2</i>	AW462798	Hs.369068	3.1	<i>ETEA</i>	AW462844	Hs.76591	2.1
<i>DNMT3A</i>	BF044846	Hs.241565	6.9	<i>ETS1</i>	BF043948	Hs.18063	6.8
<i>DNMT3B</i>	AW464642	Hs.251673	16.6	<i>ETV5</i>	BF039090	Hs.43697	21.8
<i>DPM2</i>	AW463033	Hs.108973	2	<i>ETV6</i>	BM364950	Hs.171262	3.6
<i>DSC2</i>	AW464398	Hs.95612	7.1	<i>EXT1</i>	AW464821	Hs.184161	3.7
<i>DTR</i>	BF042729	Hs.799	3.2	<i>EXT2</i>	BF044395	Hs.75334	2.1
<i>DUSP14</i>	BF044131	Hs.91448	2.5	<i>FAM8A1</i>	BF044631	Hs.95260	5
<i>DUSP16</i>	AW466062	Hs.20281	3.1	<i>FBLN5</i>	BF044875	Hs.11494	24.7
<i>DXS9928E</i>	BF046010	Hs.54277	2.8	<i>FBXW1B</i>	AW464815	Hs.280385	2.1
<i>ECT2</i>	AW461921	Hs.293257	2.4	<i>FCGRT</i>	BF043857	Hs.111903	4.4
<i>EFNB2</i>	AW465656	Hs.30942	15.3	<i>FDX1</i>	AW464063	Hs.744	2.7
<i>EHD1</i>	BF045929	Hs.155119	2.2	<i>FEM1B</i>	BF044699	Hs.362733	2
<i>EIF4A1</i>	AW464970	Hs.129673	2.2	<i>FGFR2</i>	AW464656	Hs.404081	6.9
<i>EIF4B</i>	BF041358	Hs.93379	2.5	<i>FHL1</i>	BF040253	Hs.421383	32.9
<i>ELKS</i>	AW462178	Hs.306711	4.8	<i>FLJ10099</i>	BF041934	Hs.287955	3.9
<i>EMP1</i>	AW462081	Hs.306692	2.4	<i>FLJ10298</i>	BF046016	Hs.5999	4.7
<i>ENAH</i>	AW465964	Hs.446693	2.5	<i>FLJ10350</i>	BF041610	Hs.356096	4.6
<i>ENPEP</i>	AW466079	Hs.435765	23	<i>FLJ10359</i>	BF045874	Hs.257300	6.1
<i>ENPP1</i>	BF043889	Hs.213840	9.4	<i>FLJ11305</i>	AW464810	Hs.7049	2
<i>ENPP4</i>	BF041832	Hs.54037	2.2	<i>FLJ12716</i>	BF041346	Hs.443240	3.6
<i>EP400</i>	BF039981	Hs.306094	2.1	<i>FLJ13110</i>	AW461945	Hs.7358	3.5
<i>EPB41L5</i>	AW462087	Hs.245773	2.3	<i>FLJ14525</i>	AW464986	Hs.26812	24.5
<i>EPHX2</i>	BF046427	Hs.212088	4.7	<i>FLJ14753</i>	BF040872	Hs.13453	2.1
<i>ETF1</i>	BF043054	Hs.77324	2.9	<i>FLJ20152</i>	BF042685	Hs.82273	3.8
<i>EVA1</i>	AW462459	Hs.116651	5.9	<i>FLJ20160</i>	BF045743	Hs.418581	3

<i>EVL</i>	AW464572	Hs.241471	2.5	<i>FLJ20308</i>	BF040877	Hs.356770	2.1
<i>FL1R</i>	AW464837	Hs.414880	22.2	<i>FLJ20647</i>	AW461709	Hs.234149	3.5
<i>FABP5</i>	AW464793	Hs.408061	2.7	<i>FLJ21439</i>	BF042489	Hs.431338	2.2
<i>FADD</i>	AW462721	Hs.86131	8.7	<i>FLJ22056</i>	AW464426	Hs.24956	2.8
<i>FANCG</i>	BF044266	Hs.434873	2.7	<i>FLJ23027</i>	BF045699	Hs.321766	2.8
<i>FBLN2</i>	AW463176	Hs.198862	3.1	<i>FLJ23221</i>	AW465458	Hs.91283	4.2
<i>FGD4</i>	AW463946	Hs.409311	2.2	<i>FLJ32954</i>	BF040972	Hs.9905	5.9
<i>FKBP2</i>	AW464896	Hs.227729	2.3	<i>FLJ36175</i>	BF042461	Hs.20848	10.7
<i>FLJ10036</i>	AW463804	Hs.21331	3.6	<i>FLJ38482</i>	BF046731	Hs.436497	2.8
<i>FLJ10188</i>	AW465559	Hs.159066	7.5	<i>FLJ90798</i>	BF039909	Hs.28264	25.7
<i>FLJ10511</i>	AW462422	Hs.106768	2.6	<i>FLRT2</i>	BF045130	Hs.48998	61.8
<i>FLJ10997</i>	AW465617	Hs.27595	2.2	<i>FMOD</i>	AW462954	Hs.442844	79.2
<i>FLJ11806</i>	AW466113	Hs.323443	2.8	<i>FNBP1</i>	BM364914	Hs.440808	3.5
<i>FLJ11848</i>	BF039440	Hs.408526	2.6	<i>FOS</i>	AW462661	Hs.25647	17.4
<i>FLJ12439</i>	BF046293	Hs.349905	6.2	<i>FOSL2</i>	AW465865	Hs.301612	3
<i>FLJ12525</i>	BF044559	Hs.356573	2.5	<i>FRAP1</i>	AW462187	Hs.338207	2.1
<i>FLJ12903</i>	AW465796	Hs.369253	2.6	<i>FRG1</i>	BM365030	Hs.203772	2.3
<i>FLJ13111</i>	BF040255	Hs.288382	2.4	<i>FSTL1</i>	BF044377	Hs.433622	24.8
<i>FLJ13263</i>	AW464885	Hs.288768	2.7	<i>FUCA1</i>	BM364586	Hs.576	2.4
<i>FLJ13576</i>	AW462963	Hs.242327	3	<i>FYCO1</i>	BF044334	Hs.257267	5.7
<i>FLJ14502</i>	BF043801	Hs.181466	3.7	<i>GABARAPL1</i>	BF043830	Hs.336429	2.1
<i>FLJ14775</i>	AW461443	Hs.334878	2.3	<i>GAF1</i>	BF041889	Hs.24557	7.4
<i>FLJ20171</i>	BF045047	Hs.24743	34.1	<i>GATA3</i>	BF046526	Hs.169946	14.6
<i>FLJ20195</i>	BF045642	Hs.286261	2.7	<i>GL004</i>	BF041356	Hs.105166	3
<i>FLJ20257</i>	BF040784	Hs.178011	2.5	<i>GL009</i>	AW462657	Hs.24054	14.7
<i>FLJ20273</i>	AW461481	Hs.95549	13.9	<i>GLS</i>	BF044339	Hs.128410	5.6
<i>FLJ20696</i>	BM364565	Hs.236844	4.5	<i>GMIP</i>	AW465811	Hs.49427	2.2
<i>FLJ21816</i>	BF043478	Hs.444664	23.8	<i>GMRP-1</i>	AW464552	Hs.332382	2.2
<i>FLJ21940</i>	BF040508	Hs.283283	2.1	<i>GNAI1</i>	AW464185	Hs.203862	3
<i>FLJ22635</i>	BF042320	Hs.353181	3.8	<i>GNAS</i>	AW465936	Hs.157307	4
<i>FLJ22761</i>	BF039994	Hs.445459	24.2	<i>GNG10</i>	AW462436	Hs.433898	3
<i>FLJ22833</i>	AW463043	Hs.118183	3.3	<i>GNG11</i>	BM361956	Hs.83381	3.8
<i>FLJ22875</i>	AW465512	Hs.439548	3.1	<i>GNG12</i>	AW463227	Hs.8107	4.6
<i>FLJ23186</i>	BF046601	Hs.434247	2.6	<i>GNPDA2</i>	AW463892	Hs.511814	5.3
<i>FLJ23476</i>	AW463671	Hs.406462	2.4	<i>GNS</i>	AW461681	Hs.334534	8.3
<i>FLJ25555</i>	BF040173	Hs.334715	2.5	<i>GORASP1</i>	BF040658	Hs.250181	3.9
<i>FLJ33318</i>	AW462444	Hs.224630	2.6	<i>GPBAR1</i>	AW461516	Hs.160954	2.1
<i>FLJ38615</i>	BF039326	Hs.130979	2.3	<i>GPR21</i>	BF045466	Hs.55099	2.3
<i>FLJ38663</i>	BF043867	Hs.306825	2.1	<i>GPR64</i>	AW461648	Hs.421137	2.8
<i>FLJ40629</i>	BF042879	Hs.99807	5.5	<i>GRB10</i>	BF041779	Hs.512118	3.5
<i>FLJ90652</i>	BF042201	Hs.434864	3.8	<i>GSN</i>	BM366126	Hs.446537	7.7
<i>FLNB</i>	BM366074	Hs.81008	2.1	<i>HDAC7A</i>	BF043954	Hs.200063	3.1
<i>FLOT2</i>	BM366445	Hs.18799	2.7	<i>HECA</i>	AW464507	Hs.6679	9.8
<i>FOSB</i>	AW463832	Hs.75678	2.8	<i>HIF1A</i>	BF042862	Hs.412416	4.2
<i>FTHFSDC1</i>	BF041860	Hs.44155	3.8	<i>HNRPA2B1</i>	BF044057	Hs.232400	3.4
<i>FUK</i>	BF045361	Hs.7907	5	<i>HP1-BP74</i>	BM362315	Hs.142442	3.1
<i>FZD4</i>	AW463754	Hs.19545	2	<i>HRPT2</i>	BF042593	Hs.259502	6.6
<i>GABPB2</i>	BF045916	Hs.181202	2.4	<i>HSBP1</i>	AW465284	Hs.250899	3.6
<i>GAGEC1</i>	AW463108	Hs.441038	3	<i>HSPB8</i>	BM364661	Hs.111676	4.2
<i>GALM</i>	BF045563	Hs.264610	4.9	<i>HTGN29</i>	AW463226	Hs.283437	2
<i>GALNT11</i>	BF044774	Hs.314421	3.1	<i>HUS1</i>	BF041015	Hs.152983	2.1
<i>GALNT3</i>	AW463251	Hs.278611	20.6	<i>IFITM1</i>	BF044991	Bt.22978	5

<i>GATA2</i>	BF043343	Hs.367725	13.3	<i>IFITM3</i>	AW464847	Hs.374650	4.4
<i>GATA3</i>	BF041614	Hs.169946	7.8	<i>IFNAR2</i>	BF039697	Hs.512211	6.4
<i>GCA</i>	BF042173	Hs.377894	41.2	<i>IFNGR2</i>	BF043722	Hs.409200	16
<i>GCGR</i>	AW464726	Hs.208	2.7	<i>IGF2R</i>	AW461858	Hs.76473	2.7
<i>GCHI</i>	BF039694	Hs.86724	4.7	<i>IGFBP4</i>	BF042310	Hs.1516	8.6
<i>GCNT2</i>	AW465114	Hs.934	49.5	<i>IL13RA1</i>	AW464322	Hs.285115	3.9
<i>GITI</i>	AW463852	Hs.369441	2.4	<i>IL27RA</i>	BM366011	Hs.132781	3.2
<i>GK001</i>	AW464413	Hs.8207	2.4	<i>IMMP2L</i>	AW465739	Hs.89576	4.9
<i>GLRX</i>	AW464405	Hs.28988	2.9	<i>IMPA2</i>	AW461477	Hs.5753	2
<i>GMPR</i>	BF041701	Hs.1435	4.5	<i>IPO8</i>	AW463093	Hs.316977	2.1
<i>GOLGB1</i>	BF039337	Hs.445083	3.3	<i>IQGAP1</i>	BM365103	Hs.1742	8
<i>GPR126</i>	BF043001	Hs.249747	11.7	<i>IRA1</i>	BF045150	Hs.438970	2.9
<i>GRB2</i>	BF045356	Hs.411366	3.4	<i>ISGF3G</i>	BF039843	Hs.1706	3.1
<i>GRPEL1</i>	BF040314	Hs.151903	2.9	<i>ITGAV</i>	AW463037	Hs.436873	3.2
<i>GSR</i>	AW465212	Hs.414334	7.7	<i>ITGB1</i>	AW464270	Hs.287797	3
<i>H2AFZ</i>	AW462567	Hs.119192	3.8	<i>ITGB5</i>	AW461856	Hs.149846	2.5
<i>H3F3B</i>	AW463254	Hs.180877	2.6	<i>ITGBL1</i>	AW462195	Hs.311054	4.2
<i>HADH2</i>	AW465125	Hs.171280	4.6	<i>ITSN2</i>	BM366528	Hs.444708	2.3
<i>HAT1</i>	AW464133	Hs.13340	3.6	<i>IVD</i>	BM365899	Hs.410396	3
<i>HAX1</i>	AW464671	Hs.199625	2.1	<i>JAK1</i>	BM365700	Hs.436004	2.7
<i>HDAC1</i>	BF040519	Hs.88556	5.7	<i>KDR</i>	BF043170	Hs.12337	4.7
<i>HIG1</i>	AW461980	Hs.7917	2.4	<i>KIAA0063</i>	BF042961	Hs.3094	2.9
<i>HIP2</i>	AW464647	Hs.246603	2.7	<i>KIAA0082</i>	BF039787	Hs.202331	2.1
<i>HK2</i>	BF043620	Hs.406266	4.2	<i>KIAA0141</i>	BM366146	Hs.210532	3.1
<i>HKE2</i>	AW464404	Hs.446374	2.5	<i>KIAA0205</i>	BF045050	Hs.3610	4.1
<i>HMG2L1</i>	BM366908	Hs.92260	9.7	<i>KIAA0226</i>	BF042503	Hs.499355	2.2
<i>HMGB1</i>	AW464310	Hs.434102	3.9	<i>KIAA0280</i>	AW464897	Hs.512248	2.9
<i>HMGB2</i>	BF043378	Hs.434953	2.7	<i>KIAA0373</i>	BF044427	Hs.150444	6.8
<i>HNI</i>	AW462159	Hs.109706	5	<i>KIAA0586</i>	BM364639	Hs.436921	3
<i>HNRPA1</i>	AW464603	Hs.356721	2.4	<i>KIAA0648</i>	BF043308	Hs.31921	2.3
<i>HNRPA2B1</i>	AW464917	Hs.232400	5.8	<i>KIAA0701</i>	BF045873	Hs.153293	2.2
<i>HNRPAB</i>	BF039814	Hs.81361	3.5	<i>KIAA0763</i>	AW461402	Hs.244616	2.6
<i>HNRPC</i>	BF041354	Hs.476302	2.9	<i>KIAA0776</i>	AW462138	Hs.149367	2.1
<i>HNRPH1</i>	BF041085	Hs.202166	2.3	<i>KIAA0826</i>	BF041915	Hs.169600	5.3
<i>HNRPH3</i>	BF041471	Hs.156481	3.3	<i>KIAA0999</i>	BF043345	Hs.444909	5.5
<i>HOXB6</i>	BF041149	Hs.98428	2.3	<i>KIAA1128</i>	BF043762	Hs.81897	3.6
<i>HRH1</i>	AW464562	Hs.1570	7	<i>KIAA1268</i>	BF039426	Hs.152925	4.1
<i>HSD3B1</i>	BF043416	Hs.364941	9.2	<i>KIAA1280</i>	BF042952	Hs.12913	3.4
<i>HSGP25L2G</i>	BF044115	Hs.279929	3.6	<i>KIAA1340</i>	AW461890	Hs.284270	14.6
<i>HSHPX5</i>	AW463296	Hs.381329	2.9	<i>KIAA1387</i>	BF042682	Hs.130900	3.2
<i>HSPA4</i>	BF040631	Hs.90093	2.5	<i>KIAA1404</i>	BF040808	Hs.371794	2.7
<i>HSPA8</i>	AW463634	Hs.180414	2.5	<i>KIAA1458</i>	BF039339	Hs.27263	2.5
<i>HSPC159</i>	AW465293	Hs.372208	2.8	<i>KIAA1698</i>	BF043085	Hs.458390	3.6
<i>HSPC171</i>	BF040976	Hs.433203	2.1	<i>KIAA1772</i>	BF041402	Hs.512745	2.3
<i>HSPCA</i>	BF041278	Hs.446579	3.3	<i>KIF3B</i>	BM365093	Hs.301206	7.2
<i>HSPE1</i>	BF039685	Hs.1197	5.6	<i>KLF2</i>	BF043243	Hs.107740	2.7
<i>HSPG2</i>	BF039706	Hs.211573	2	<i>KNS2</i>	BF044185	Hs.512578	3.6
<i>HT014</i>	AW463950	Hs.31819	2.3	<i>KPNA6</i>	BF045937	Hs.372741	2.2
<i>HUMAGCGB</i>	AW465540	Hs.84162	2.4	<i>LAMA4</i>	BF041798	Hs.437536	3.7
<i>IDH1</i>	AW462719	Hs.11223	4	<i>LAMB1</i>	AW463880	Hs.122645	2.5
<i>IDH3B</i>	BF039602	Hs.436405	3	<i>LAMC1</i>	BF042606	Hs.432855	7.7
<i>IFRG15</i>	BF044233	Hs.146503	2.4	<i>LAMP1</i>	AW464747	Hs.150101	2.2

<i>IK</i>	BF039948	Hs.421245	2.9	<i>LAPTM5</i>	BF045615	Hs.436200	3.1
<i>IL1RN</i>	AW464284	Hs.81134	4.6	<i>LCMR1</i>	BF043985	Hs.43619	2.1
<i>IL6R</i>	BF045216	Hs.193400	8.6	<i>LEPR</i>	AW462416	Hs.23581	2.1
<i>IMP4</i>	BF039875	Hs.91579	4.7	<i>LEPROTL1</i>	AW466091	Hs.146585	2.7
<i>INADL</i>	AW462529	Hs.436450	10.6	<i>LGMN</i>	AW462361	Hs.18069	4.4
<i>IQGAP2</i>	AW464325	Hs.373980	15	<i>LIPA</i>	BF042287	Hs.85226	3.5
<i>IQGAP3</i>	AW461931	Hs.133294	2.9	<i>LMNA</i>	BF043552	Hs.436441	4
<i>ITPK1</i>	BF041175	Hs.408429	3	<i>LOC142678</i>	AW462384	Hs.135805	2.2
<i>JAG2</i>	BF043815	Hs.433445	2.8	<i>LOC161291</i>	AW461495	Hs.146180	2.2
<i>JARID2</i>	AW461906	Hs.40154	10	<i>LOC169611</i>	AW465490	Hs.357004	5.4
<i>JTV1</i>	BF040051	Hs.301613	2.3	<i>LOC285148</i>	BF041569	Hs.509314	2.8
<i>K-ALPHA-1</i>	AW463276	Hs.446608	2.9	<i>LOC374969</i>	BF042973	Hs.113919	2.7
<i>KIAA0089</i>	AW464522	Hs.82432	7	<i>LOC51185</i>	AW465256	Hs.18925	2.7
<i>KIAA0101</i>	BF043904	Hs.81892	4.2	<i>LOC51315</i>	AW463683	Hs.5721	2.4
<i>KIAA0182</i>	BF046494	Hs.222171	4.1	<i>LOC90378</i>	AW463539	Hs.140309	3.4
<i>KIAA0186</i>	BF040975	Hs.360033	3.4	<i>LOC90799</i>	AW464965	Hs.387385	3.9
<i>KIAA0194</i>	AW463062	Hs.200776	9.6	<i>LOC90826</i>	BM362608	Hs.29645	2.1
<i>KIAA0888</i>	AW465315	Hs.91662	2.5	<i>LOH12CR1</i>	BF045413	Hs.105040	2
<i>KIAA1026</i>	AW462248	Hs.368823	6	<i>LOXL1</i>	BF044606	Hs.65436	2.6
<i>KIAA1677</i>	BF044906	Hs.61603	2.4	<i>LPIN1</i>	AW463371	Hs.81412	7
<i>KIAA1935</i>	BF039434	Hs.438789	12.4	<i>LRDD</i>	BF042206	Hs.438986	6.3
<i>KIF4A</i>	BM362620	Hs.279766	22.4	<i>LRRFIP1</i>	AW464400	Hs.512387	5
<i>KIF5C</i>	BF044366	Hs.6641	2.1	<i>LSR7</i>	AW463046	Hs.283709	6.3
<i>KLHDC3</i>	AW465497	Hs.412468	2.9	<i>LY96</i>	BM366661	Hs.69328	16.2
<i>KPNA2</i>	BF040179	Hs.252712	3.3	<i>MAFB</i>	AW461546	Hs.169487	10.8
<i>KRT18</i>	BF045923	Hs.406013	117	<i>MAGED1</i>	AW465622	Hs.5258	3.2
<i>KRT19</i>	AW463298	Hs.309517	5.4	<i>MAGED2</i>	BF046279	Hs.376719	7.3
<i>LAP3</i>	AW464690	Hs.182579	3.1	<i>MAGED4</i>	BM364493	Hs.376347	2.9
<i>LAPTM4A</i>	BF044310	Hs.111894	3.6	<i>MAN1A2</i>	AW462764	Hs.367638	4.9
<i>LASP1</i>	BM365210	Hs.334851	4.1	<i>MAN1C1</i>	BF041990	Hs.8910	12.4
<i>LEMD2</i>	BF045537	Hs.444845	13	<i>MAP1B</i>	BF046265	Hs.103042	4.2
<i>LILRB3</i>	BF044309	Hs.511766	9.8	<i>MAPK9</i>	AW462791	Hs.348446	8.3
<i>LMAN2</i>	AW463843	Hs.75864	4.8	<i>MARCKS</i>	AW464527	Hs.318603	6.2
<i>LOC124491</i>	BF043264	Hs.487510	4.1	<i>MASA</i>	BF043107	Hs.18442	3
<i>LOC129642</i>	AW462807	Hs.90797	2.6	<i>MAST3</i>	BF045464	Hs.173864	2.6
<i>LOC142678</i>	AW462619	Hs.135805	2	<i>MBNL1</i>	AW465357	Hs.28578	21.5
<i>LOC150678</i>	BF046082	Hs.293884	2.3	<i>MBNL2</i>	BF045778	Hs.372571	9.6
<i>LOC199692</i>	BF043047	Hs.14831	4	<i>ME1</i>	BF041340	Hs.14732	25.8
<i>LOC254531</i>	BF045562	Hs.352614	4.9	<i>ME2</i>	BF043576	Hs.75342	2.4
<i>LOC284379</i>	BF041114	Hs.405866	12.7	<i>MEF2B</i>	AW462879	Hs.78881	2.2
<i>LOC374395</i>	BM366123	Hs.381134	2.1	<i>MEF2D</i>	BF041552	Hs.77955	3
<i>LOC55971</i>	BF045001	Hs.23449	16.2	<i>MEIS2</i>	BF040423	Hs.362805	9.3
<i>LOC81691</i>	BF045879	Hs.177926	3.1	<i>MESDC2</i>	BF046291	Hs.78871	2.5
<i>LOC91661</i>	BM366348	Hs.190394	2.8	<i>MEST</i>	AW466002	Hs.440459	3.5
<i>LRBA</i>	AW465529	Hs.209846	3.2	<i>MFGE8</i>	BF039309	Hs.3745	2.3
<i>LRP2</i>	AW464520	Hs.252938	22.8	<i>MFHAS1</i>	BF042291	Hs.379414	9.3
<i>LSM4</i>	BM364879	Hs.76719	2.5	<i>MFN2</i>	AW463654	Hs.376681	2.8
<i>LSM6</i>	BF046429	Hs.149675	2.3	<i>MGC15407</i>	BF044362	Hs.23128	2.9
<i>LUC7L</i>	BF046369	Hs.16803	3.4	<i>MGC15429</i>	BF040412	Hs.236025	2.1
<i>LZIC</i>	BF044520	Hs.327252	3.2	<i>MGC15482</i>	BF045611	Hs.194498	3.1
<i>M6PRBP1</i>	BM365495	Hs.140452	3.6	<i>MGC16063</i>	BM366713	Hs.410491	2.2
<i>MAD2L1</i>	BF039606	Hs.79078	28.7	<i>MGC18216</i>	BF042921	Hs.104679	6

MAGI-3	BF039256	Hs.446369	2.1	MGC2714	AW464730	Hs.74284	3
MANBA	AW466031	Bt.1798	3	MGC2747	AW464523	Hs.356467	2.5
MAP3K3	AW461340	Hs.29282	3.5	MGC29729	BF040777	Hs.13580	2.5
MAPK1	BF040969	Hs.324473	3	MGC32065	BM366294	Hs.8705	3.7
MAPRE1	BF039019	Hs.408754	5.3	MITF	BF040850	Hs.166017	12.9
MAX	BF042337	Hs.42712	4.5	MMD	BF040536	Hs.79889	2.5
MCFD2	BF039691	Hs.293689	2.1	MMP2	BF039163	Hs.367877	18.1
MCM4	BF045235	Hs.460184	9.8	MNAB	AW464250	Hs.112227	3.1
MCM7	AW463357	Hs.438720	4.7	MPG	AW465892	Hs.79396	2.4
MDH1	BF043729	Hs.75375	2.6	M-RIP	AW462100	Hs.430725	3.3
MDH2	BM366522	Hs.405860	2.2	MRPL28	AW462261	Hs.279869	2.8
MEA	BF042342	Hs.278362	2.3	MRPS18A	BF044767	Hs.9622	2.9
MGC10120	BF039617	Hs.34906	3.3	MRPS25	BF040761	Hs.458338	2.2
MGC10540	AW462805	Hs.500165	2.2	MUF1	AW464143	Hs.144941	2.3
MGC10871	AW464526	Hs.49994	2.2	MYLIP	BF045523	Hs.443793	3.6
MGC16028	BF042405	Hs.446344	2.2	MYLK	AW465934	Hs.386078	3.8
MGC16384	BF040661	Hs.274268	2.9	NAB2	BF042964	Hs.159223	2.5
MGC20533	BF039493	Hs.69280	2.4	NBL1	BF039753	Hs.439671	13.8
MGC2594	BF040009	Hs.181551	3.2	NDUFB2	BF045201	Hs.27262	3.8
MGC2650	BF042119	Hs.386422	2.7	NEDD5	AW464770	Hs.131736	2.1
MGC4189	BF041209	Hs.355584	2.8	NEURL	BF041657	Hs.146233	4.5
MGC4248	BF039717	Hs.495628	3.8	NFAT5	BF043095	Hs.86998	3.9
MGC42530	BF039645	Hs.21902	4.8	NFX1	BF041309	Hs.413074	4.5
MGC45780	AW462882	Hs.146246	4.8	NICAL	BM364733	Hs.33476	2.6
MGC4796	BF044278	Hs.439658	2.1	NIFU	AW463668	Hs.350702	2.1
MGST2	AW463844	Hs.81874	3.4	NNT	BM364482	Hs.106620	10.8
MIF	AW463009	Hs.407995	4	NQO1	AW463057	Hs.406515	2.8
MJD	BF041320	Hs.419756	2.2	NT5E	AW465608	Hs.153952	20.3
MKI67IP	BF042064	Hs.367842	4.9	NTANI	AW465041	Hs.351573	3.5
MKRNI	BF043630	Hs.7838	5.1	OAS1	AW463521	Hs.442936	2.2
MLP	AW464012	Hs.75061	11.6	ODAG	AW463627	Hs.21145	3.3
MOV10	BF044383	Hs.512586	6.2	OSBP2	BF043536	Hs.7740	2.4
MRPL11	AW466183	Hs.418450	2.8	P24B	BF041582	Hs.424551	2.1
MRPL27	AW464763	Hs.7736	2.2	p66alpha	AW462802	Hs.118964	4.6
MRPL32	AW464800	Hs.50252	3.1	p97	BF044993	Bt.989	2.1
MRPL45	AW464062	Hs.19347	2.2	PAK2	AW465924	Hs.284275	3.4
MRPL48	BF039118	Hs.82389	11.5	PAK6	AW461984	Hs.21420	3.4
MRPL50	AW465872	Hs.288224	2.6	PAM	BF039358	Hs.151411	2.2
MRPL51	BF046475	Hs.55847	4.9	PARD3	BF039164	Hs.72249	2.9
MRPL55	BF044634	Hs.63236	3.1	PARG1	BF043143	Hs.430919	9.8
MRPS17	BF041972	Hs.44298	2.2	PDGFC	BF045152	Hs.43080	31.4
MRS2L	BF043713	Hs.146030	3.3	PDGFRA	BM362352	Hs.74615	3.2
MSH2	AW462937	Hs.440394	2.8	PEA15	AW462240	Hs.194673	5.3
MTA3	AW463092	Hs.435413	4.5	PEG3	AW464326	Hs.201776	3.1
MTHFD1	BF043996	Hs.435974	2.2	PEL1I	BF042148	Hs.7886	2.4
MTHFD2	BF046156	Hs.154672	2.2	PEPD	BF041804	Hs.444207	13.5
MYH7B	AW462131	Hs.414122	2.7	PER2	AW464080	Hs.410692	4.4
MYO1B	AW461464	Hs.121576	2.1	PES1	BF040094	Hs.132037	2.4
MYO5B	BF041379	Hs.512590	3	PGR1	BF041607	Hs.406590	2
na	BF041656	Hs.449674	7.1	PHC2	BF044452	Hs.165263	2.7
na	BF042838	Hs.220594	2.9	PHLDB1	BF042420	Hs.149653	2.6
na	BF044446	Mm.300203	2.4	PHYH	BF040744	Hs.172887	3.7

<i>NANS</i>	BF042832	Hs.274424	3.2	<i>PIGF</i>	AW463364	Hs.426142	2.1
<i>NAPI</i>	AW461455	Hs.9196	2.4	<i>PJAI</i>	AW462864	Hs.21122	3.1
<i>NAP1L4</i>	AW461738	Hs.269403	3.5	<i>PLAGL1</i>	BF042359	Hs.132911	19.6
<i>NASP</i>	BF039280	Hs.446206	12.1	<i>PLAGL2</i>	BF045934	Hs.154104	2.2
<i>NCL</i>	BM365702	Hs.79110	3.4	<i>PLDN</i>	BF040968	Hs.7037	2.3
<i>NCOR2</i>	AW464487	Hs.287994	2.7	<i>PLEKHA4</i>	BF040208	Hs.9469	2.6
<i>NDEL1</i>	AW464113	Hs.3850	3.4	<i>PLK2</i>	BF046202	Hs.398157	3
<i>NDFIP2</i>	BF040024	Hs.30340	4.4	<i>PLOD2</i>	AW461559	Hs.41270	3
<i>NDNL2</i>	BF042265	Hs.512642	2.5	<i>PLOD3</i>	BF039911	Hs.153357	2.1
<i>NDST1</i>	AW463146	Hs.20894	2.7	<i>PLP2</i>	BF039237	Hs.77422	2.4
<i>NDUFA2</i>	BM362349	Hs.163867	2	<i>PLS3</i>	AW462747	Hs.430166	28.6
<i>NDUFA4</i>	AW462289	Hs.50098	2.2	<i>PP1201</i>	AW463678	Hs.434007	3.7
<i>NDUFA7</i>	BF039167	Hs.19561	2.2	<i>PP2135</i>	BM365371	Hs.132569	2.5
<i>NDUFB9</i>	BF042526	Hs.15977	2.4	<i>PPIC</i>	AW464749	Hs.110364	17.6
<i>NDUFS2</i>	AW465817	Hs.173611	2.4	<i>PPP1R3C</i>	BF039138	Hs.303090	2.1
<i>NDUFV1</i>	AW461976	Hs.7744	2.9	<i>PPP2R5C</i>	AW464337	Hs.249955	2.9
<i>NDUFV3</i>	BF043651	Hs.199471	2.5	<i>PPP3CB</i>	BF046424	Hs.187543	4.1
<i>NET1</i>	AW461566	Hs.25155	4	<i>PPP5C</i>	AW465043	Hs.431861	2.2
<i>NIP30</i>	BM365995	Hs.285017	7.6	<i>PRDX4</i>	AW464389	Hs.83383	2.2
<i>NME1</i>	BF046426	Hs.118638	2.4	<i>PREP</i>	AW462014	Hs.433986	2.1
<i>NME2</i>	BF039702	Hs.433416	2.7	<i>PRKAG2</i>	AW464038	Hs.259842	9.5
<i>NOL5A</i>	BM365616	Hs.376064	2.6	<i>PSME1</i>	AW465589	Hs.75348	2.4
<i>NOL7</i>	AW463895	Hs.106346	3	<i>PTOVI</i>	BF042680	Hs.227429	12.8
<i>NOLAI</i>	AW463985	Hs.69851	6	<i>PTP4A2</i>	AW462951	Hs.82911	2.8
<i>NOP5/NOP58</i>	BF044828	Hs.119908	3.3	<i>PTPLA</i>	BF046141	Hs.114062	6.6
<i>NR2F2</i>	BF040489	Hs.347991	3.7	<i>PTPLB</i>	AW463633	Hs.5957	3.7
<i>NRAS</i>	BF043255	Hs.260523	5.7	<i>PTPNS1</i>	BF044338	Hs.156114	11.6
<i>NSFL1C</i>	AW465907	Hs.12865	2.8	<i>PTRF</i>	BF046361	Hs.437191	4
<i>NUDC</i>	BM365709	Hs.263812	6	<i>PUM2</i>	BF045599	Hs.133543	2.7
<i>NUP107</i>	BF044757	Hs.355598	2.1	<i>PVR</i>	BF043635	Hs.171844	2.9
<i>NUPL1</i>	AW464892	Hs.406243	5	<i>PXK</i>	BF045939	Hs.77646	3.4
<i>OAT</i>	AW461524	Hs.75485	2.2	<i>PYGL</i>	BF042168	Hs.282417	2.3
<i>ODC1</i>	BF043697	Hs.443409	20.1	<i>Qk</i>	AW465698	Mm.262294	2.2
<i>ORF1-FL49</i>	AW462485	Hs.323512	2	<i>QKI</i>	AW461364	Hs.153355	2.4
<i>OSBP</i>	BF045060	Hs.24734	2.2	<i>QSCN6</i>	AW464672	Hs.77266	18.6
<i>P5</i>	AW463980	Hs.212102	2.2	<i>RAB10</i>	AW466033	Hs.236494	5.9
<i>PAI-RBP1</i>	BM366101	Hs.356427	2.1	<i>RAB13</i>	AW465441	Hs.525461	6.2
<i>PAN3</i>	AW464194	Hs.190153	3	<i>RAB22A</i>	AW465612	Hs.281117	2.4
<i>PAPOLA</i>	AW465624	Hs.201085	2.4	<i>RAB2L</i>	BM363900	Hs.170160	3.8
<i>PARK7</i>	BF042174	Hs.419640	3	<i>RAB31</i>	AW464597	Hs.223025	17.8
<i>PCNA</i>	BF046377	Hs.78996	3	<i>RAB32</i>	AW463501	Hs.32217	6.1
<i>PDCD8</i>	BF042165	Hs.18720	3.3	<i>RAB9A</i>	AW465952	Hs.444327	2.3
<i>PDHA1</i>	BF045636	Hs.1023	2.1	<i>RABEP1</i>	BF046234	Hs.390163	3.7
<i>PDHB</i>	BM362383	Hs.161357	4.9	<i>RABGEF1</i>	BF042759	Hs.187660	2.8
<i>PDLIM1</i>	BF045376	Hs.75807	3.7	<i>RABL2A</i>	BM364540	Hs.446425	2.7
<i>PDLIM7</i>	BF044886	Hs.436339	3.8	<i>RANBP9</i>	BF045153	Hs.306242	2.2
<i>PECAM1</i>	AW462978	Hs.78146	3.5	<i>RAP2C</i>	AW462076	Hs.225979	8.7
<i>Peci</i>	BF039332	Mm.28883	2.5	<i>RBM3</i>	BF044746	Hs.301404	5.7
<i>Pepf</i>	AW462838	Mm.34037	4.5	<i>RBM9</i>	BF040578	Hs.433574	4.6
<i>PFDN2</i>	AW465585	Hs.298229	2.3	<i>RBMS1</i>	AW461487	Hs.241567	6.2
<i>PGA5</i>	AW465124	Hs.432854	12.4	<i>RCOR</i>	AW465701	Hs.405373	3.5
<i>PGAM1</i>	AW462044	Hs.447492	2.3	<i>RCP9</i>	AW464141	Hs.300684	2.1

<i>PGS1</i>	AW465578	Hs.162604	2	<i>RELA</i>	BM364681	Hs.132594	3.4
<i>PHB</i>	AW463359	Hs.75323	5.9	<i>RERE</i>	AW463197	Hs.194369	4.2
<i>PIP5K2A</i>	BF044627	Hs.108966	5	<i>RFWD1</i>	AW462150	Hs.323230	2.6
<i>PITPNM1</i>	BM365100	Hs.93837	2.2	<i>RGNEF</i>	BM363894	Hs.33254	4.3
<i>PLAA</i>	BF040868	Hs.27182	2.3	<i>RGS20</i>	AW462880	Hs.141492	7.4
<i>PLS1</i>	AW461461	Hs.203637	5.6	<i>RICH1</i>	AW463851	Hs.203605	2.2
<i>PME-1</i>	BF041432	Hs.63304	3	<i>RIG</i>	AW462599	Hs.278503	11.5
<i>PNPT1</i>	AW465370	Hs.392004	3	<i>Rnaset2</i>	BF039573	Mm.181237	4
<i>POGZ</i>	BF042111	Hs.107088	4	<i>RNF12</i>	BF045377	Hs.122121	3
<i>POLS</i>	BF041190	Hs.39488	2.7	<i>RNF149</i>	BF044572	Hs.171802	2.1
<i>POP5</i>	BF045323	Hs.279913	2.3	<i>RNH</i>	AW465255	Hs.130958	6.3
<i>PPARBP</i>	BF045606	Hs.15589	2	<i>RPL19</i>	AW463099	Hs.381061	2.1
<i>PPID</i>	AW463884	Hs.143482	2	<i>RPL32</i>	AW461478	Hs.265174	2.1
<i>PPIL1</i>	AW463422	Hs.27693	2.4	<i>RPS18</i>	AW461520	Hs.275865	2.1
<i>PPP1CA</i>	AW461451	Hs.183994	2.2	<i>RPS24</i>	AW462612	Hs.356794	2
<i>PPP1R13B</i>	BF040615	Hs.371546	2	<i>RPS9</i>	AW463130	Hs.139876	22.9
<i>PPT2</i>	BF040321	Hs.332138	2.3	<i>RRAGD</i>	BF046710	Hs.238679	5.4
<i>PRDX1</i>	BF046014	Hs.180909	4.1	<i>RRBP1</i>	BF045657	Hs.98614	3
<i>PRDX2</i>	AW463516	Hs.432121	2.6	<i>RSU1</i>	BF043332	Hs.477460	2.2
<i>PRELP</i>	AW463358	Hs.76494	2	<i>RTN3</i>	BF045332	Hs.404434	9.4
<i>PRKCI</i>	BF039363	Hs.496511	3.4	<i>RTN4</i>	AW465802	Hs.436349	6.4
<i>PRKWNK1</i>	AW464654	Hs.275999	2.7	<i>S100A11</i>	AW465337	Hs.417004	5.3
<i>PRL</i>	AW463978	Hs.1905	2.2	<i>S100A6</i>	AW462018	Hs.275243	2.2
<i>ProSAPiP1</i>	BF045801	Hs.90232	3	<i>SALL4</i>	BF040616	Hs.189095	2.3
<i>PRPS1</i>	AW463778	Hs.56	2.7	<i>SARA1</i>	AW461369	Hs.110796	2.4
<i>PS1D</i>	BF045707	Hs.54971	3.1	<i>SCA1</i>	BF044458	Hs.434961	47.6
<i>PSMA2</i>	AW465113	Hs.333786	2.6	<i>SCD</i>	BF044532	Hs.119597	7.1
<i>PSMB5</i>	AW465471	Hs.422990	2.4	<i>Scnn1g</i>	BF046512	Mm.35247	2.9
<i>PSMC6</i>	BF043455	Hs.156171	2.2	<i>SDC1</i>	AW461914	Hs.82109	2.6
<i>PTBP1</i>	BF042297	Hs.172550	2.2	<i>SDC2</i>	BF040962	Hs.1501	5.4
<i>PTGS2</i>	AW462092	Hs.196384	31.6	<i>SDCBP</i>	AW463000	Hs.164067	2.9
<i>PTP4A2</i>	AW462825	Hs.82911	2	<i>SDCCAG16</i>	BM364585	Hs.271926	2.6
<i>PTPN11</i>	AW463332	Hs.83572	2.1	<i>SEC24B</i>	BF041917	Hs.7239	2.6
<i>PUS1</i>	BF044673	Hs.23723	2.8	<i>SEC31L1</i>	AW465976	Hs.436549	2.1
<i>QP-C</i>	BF039168	Hs.146602	2.7	<i>SENP5</i>	BF045812	Hs.13138	2.6
<i>RAB11A</i>	AW463899	Hs.75618	2.4	<i>SERPINE1</i>	BF044893	Hs.414795	13
<i>RAB15</i>	BF046652	Hs.512492	7.1	<i>SERTAD4</i>	AW464004	Hs.445835	4.7
<i>RAB25</i>	BF044476	Hs.150826	3.3	<i>SGCE</i>	AW465090	Hs.409798	10.6
<i>RABGGTB</i>	BF043458	Hs.78948	2.1	<i>SH3BGR</i>	BF044995	Hs.47438	7.7
<i>RAD23B</i>	BF043457	Hs.159087	2.5	<i>SH3BGRL</i>	BF046438	Hs.14368	4.4
<i>RALA</i>	BF041191	Hs.6906	3.7	<i>SHC1</i>	BF044671	Hs.433795	2.1
<i>RALGDS</i>	BF046679	Hs.106185	3.1	<i>SIAH2</i>	AW462510	Hs.20191	3.8
<i>RAN</i>	BF043183	Hs.10842	2.3	<i>SIK2</i>	AW463026	Hs.306864	4.8
<i>RANBP1</i>	AW462220	Hs.24763	3.2	<i>SLC2A12</i>	BF042555	Hs.26691	2.6
<i>RANBP3</i>	BF039596	Hs.176657	31.6	<i>SLC31A2</i>	AW465186	Hs.24030	2.8
<i>RBMX</i>	BM366177	Hs.380118	4.7	<i>SLC35F5</i>	AW464767	Hs.437608	2.7
<i>RBPMS</i>	AW465800	Hs.195825	2.6	<i>SLC36A2</i>	BF039414	Hs.369698	2.5
<i>RBX1</i>	AW461667	Hs.373992	3.2	<i>SLC4A9</i>	BF041732	Hs.436282	2.5
<i>Rdh11</i>	BF039125	Mm.291799	2.4	<i>SMARCA1</i>	AW462589	Hs.152292	2.4
<i>RDH8</i>	BF044254	Bt.266	4	<i>SMARCD3</i>	BM362351	Hs.444445	2.3
<i>REST</i>	BF042657	Hs.401145	3.9	<i>SMOC1</i>	AW464482	Hs.14144	5.1
<i>RFC2</i>	AW464812	Hs.139226	2.4	<i>SPAG1</i>	BF041310	Hs.408747	4.7

<i>RHPN2</i>	BF042073	Hs.335798	26.2	<i>SPARC</i>	BF039331	Hs.111779	11.7
<i>RNASEH2A</i>	BF044821	Hs.25292	7.9	<i>SPATA7</i>	BF040172	Hs.414464	2.7
<i>RNPEPL1</i>	AW461630	Hs.5345	8.1	<i>SPP1</i>	BF042926	Hs.313	16.4
<i>RNU15A</i>	AW461960	Hs.387576	2.3	<i>SPTAN1</i>	BF040453	Hs.387905	2.4
<i>RNUT1</i>	BM365040	Hs.21577	3	<i>SPTBN1</i>	BF042525	Hs.205401	24
<i>RPA3</i>	AW461938	Hs.1608	2.9	<i>SPUVE</i>	BF046620	Hs.25338	3.4
<i>RPF1</i>	BF045539	Hs.287863	2	<i>SRGAP1</i>	BF040565	Hs.408259	2.3
<i>RPIA</i>	AW463187	Hs.79886	2.6	<i>SRP68</i>	BF044981	Hs.273307	4
<i>RPL4</i>	BM364045	Hs.186350	4.4	<i>SRPR</i>	AW462756	Hs.444058	4.6
<i>RPL7L1</i>	AW463727	Hs.446506	3.6	<i>SSBP2</i>	AW461545	Hs.152207	2.6
<i>RPS6KA1</i>	BM365203	Hs.149957	2.6	<i>SSH2</i>	BF046189	Hs.25127	2.1
<i>RPS6KA5</i>	BF045195	Hs.109058	2.7	<i>STAM</i>	BF040813	Hs.441498	2.1
<i>RRAD</i>	AW462180	Hs.1027	2.3	<i>STARD13</i>	BM366176	Hs.369912	3
<i>RRAGD</i>	AW463045	Hs.238679	2.1	<i>STAT1</i>	BF043726	Hs.21486	4
<i>RRP40</i>	BF039801	Hs.177677	3	<i>STC1</i>	BF043835	Hs.25590	3.5
<i>S100A14</i>	AW463587	Hs.288998	5.4	<i>STK17A</i>	AW461403	Hs.9075	2.4
<i>S100A2</i>	AW465235	Hs.515713	2.2	<i>STX6</i>	AW465249	Hs.157144	4.7
<i>SAP18</i>	BF042896	Hs.23964	3	<i>SUI1</i>	BM366260	Hs.150580	2.6
<i>SART3</i>	BM366785	Hs.408238	2.5	<i>SYAP1</i>	BF044239	Hs.489336	2.5
<i>SCN1A</i>	AW463734	Hs.446415	3.5	<i>SYNCRIP</i>	BF043017	Hs.436376	2.9
<i>SCP2</i>	BF042542	Hs.75760	2.4	<i>T1</i>	AW462101	Hs.416372	4.6
<i>SDHD</i>	AW464036	Hs.356270	2.5	<i>TACCI</i>	BF042210	Hs.279245	3.1
<i>SE57-1</i>	AW463203	Hs.30315	9.6	<i>TAGLN</i>	AW461650	Hs.410977	2.3
<i>SEC14L1</i>	BF043252	Hs.75232	2.4	<i>TBC1D14</i>	BF045400	Hs.72242	3.5
<i>SERPING1</i>	AW461469	Hs.384598	2	<i>TBC1D8</i>	BF043720	Hs.442657	3.2
<i>SET</i>	BF045176	Hs.436687	2.4	<i>TCF12</i>	BF043908	Hs.438166	4
<i>SF3B3</i>	AW461949	Hs.195614	2.1	<i>TCF7L1</i>	AW461964	Hs.318517	2.9
<i>SFRS1</i>	AW463237	Hs.68714	3.8	<i>TCIRG1</i>	BF039561	Hs.46465	2.2
<i>SFRS2</i>	AW465002	Hs.73965	3.1	<i>TDE1</i>	AW461644	Hs.272168	2.8
<i>SFRS2IP</i>	BF041422	Hs.210367	4.2	<i>TFAP2A</i>	BF039106	Hs.210911	5.7
<i>SFRS3</i>	BF045497	Hs.405144	3.5	<i>TGFBR2</i>	AW462227	Hs.82028	20.7
<i>SFRS6</i>	BF044816	Hs.6891	2	<i>THBS1</i>	AW461636	Hs.164226	2.5
<i>SFRS7</i>	BF045069	Hs.309090	5.6	<i>TIGA1</i>	AW462064	Hs.12082	2.4
<i>SGK</i>	AW463448	Hs.296323	2.2	<i>TIGD2</i>	BF040734	Hs.58924	3.6
<i>SGKL</i>	BF044261	Hs.380877	2.3	<i>TIMP3</i>	AW466116	Hs.245188	26.9
<i>SGPL1</i>	BF045752	Hs.186613	2.9	<i>TLE4</i>	AW462813	Hs.494269	2.5
<i>SH120</i>	BF044826	Hs.504478	2.8	<i>TLN2</i>	BF041839	Hs.137129	5.2
<i>ShrmL</i>	BF042387	Hs.408902	6.7	<i>TLP19</i>	BF046280	Hs.241489	3.5
<i>SIGIRR</i>	AW461759	Hs.433036	2.1	<i>TM4SF13</i>	AW463886	Hs.364544	2.1
<i>SKB1</i>	AW465024	Hs.367854	2.9	<i>TM4SF8</i>	AW465786	Hs.259212	3
<i>SLC11A2</i>	AW464300	Hs.57435	2.6	<i>TMSB4X</i>	AW463860	Hs.75968	4.6
<i>SLC16A13</i>	AW464274	Hs.448010	2.5	<i>TNC</i>	BF039202	Hs.98998	15.2
<i>SLC1A3</i>	BF042208	Hs.371369	7.7	<i>TNFAIP6</i>	AW461501	Hs.407546	6.9
<i>SLC25A5</i>	AW463693	Hs.79172	11.1	<i>TNPO3</i>	BM362010	Hs.412527	2.3
<i>SLC2A1</i>	AW463536	Hs.169902	13	<i>TNS</i>	AW465869	Bt.5309	2.6
<i>SLC2A14</i>	AW463170	Hs.401274	12	<i>TNS</i>	BF039116	Hs.439442	2.4
<i>SLC2A3</i>	AW464247	Hs.419240	5.2	<i>TPM1</i>	BF045342	Hs.133892	9.5
<i>SLC39A8</i>	BF045137	Hs.284205	12.9	<i>TRPC1</i>	BF046685	Hs.250687	9.9
<i>SLC4A5</i>	BF041453	Hs.321127	4.3	<i>TSC22</i>	BF043277	Hs.114360	2.7
<i>SLC5A6</i>	BM363878	Hs.435735	7.7	<i>TXNDC4</i>	BF046205	Hs.154023	2.6
<i>SLC7A7</i>	AW463705	Hs.194693	3.7	<i>TXNDC5</i>	BF043118	Hs.430169	2.3
<i>SLC7A8</i>	AW464251	Hs.22891	16.5	<i>TXNIP</i>	AW463867	Hs.179526	4.2

<i>SLCO2B1</i>	AW464903	Hs.7884	6.9	<i>UISNRNPBP</i>	BM364850	Hs.427552	8
<i>SMAP</i>	AW465313	Hs.447513	3.8	<i>UBAPI</i>	BF045394	Hs.436169	2.4
<i>SNAP23</i>	AW462506	Hs.202308	2.3	<i>UBE2B</i>	BF043589	Hs.385986	4.8
<i>SND1</i>	AW462967	Hs.511400	3.3	<i>UBE2D2</i>	AW463707	Hs.108332	2.2
<i>SNRPB2</i>	AW462538	Hs.280378	2	<i>UBE2H</i>	BF043624	Hs.372758	2.7
<i>SNRPD3</i>	AW464074	Hs.356549	3.7	<i>UBE2V1</i>	BF046628	Hs.381025	12.4
<i>SNX1</i>	AW461910	Hs.498154	2.7	<i>UMP-CMPK</i>	BF043025	Hs.11463	3.1
<i>SNX10</i>	AW463500	Hs.418132	3.5	<i>UNC5D</i>	AW463182	Hs.238889	5.6
<i>SOAT1</i>	AW466137	Hs.446331	10.4	<i>URKLI</i>	AW464011	Hs.504998	2.2
<i>SOD2</i>	AW464289	Hs.384944	2.7	<i>USP3</i>	BM364483	Hs.251636	4.6
<i>SOLH</i>	AW463803	Hs.416262	5	<i>USP9X</i>	AW464043	Hs.77578	2.6
<i>SORD</i>	AW465736	Hs.878	15.1	<i>VAPA</i>	AW465016	Hs.165195	8.4
<i>Spc24</i>	BM364569	Hs.381225	8.3	<i>VATI</i>	BF039809	Hs.157236	2.7
<i>SPEC2</i>	AW462199	Hs.5985	10.3	<i>VDAC3</i>	AW464712	Hs.439253	2
<i>SPIC</i>	BM365637	Hs.511791	12.5	<i>VIM</i>	BF042212	Hs.435800	17.3
<i>SPINT2</i>	AW464365	Hs.31439	6	<i>VKORC1</i>	AW462667	Hs.324844	2.5
<i>Spir-1</i>	BM363993	Hs.16758	2.3	<i>WARS</i>	BM362508	Hs.82030	2.6
<i>SPPL3</i>	BM366274	Hs.21143	2.4	<i>WASL</i>	BF046692	Hs.182469	2.4
<i>SRM</i>	BF039661	Hs.76244	2	<i>WDR22</i>	AW464079	Hs.284294	3.2
<i>SRRM2</i>	BF042876	Hs.433343	2.4	<i>WDR5</i>	AW464559	Hs.397638	4.4
<i>SSBP1</i>	BF044515	Hs.923	3.2	<i>WDR7</i>	BF044912	Hs.428344	3.8
<i>ST14</i>	BF046516	Hs.56937	3	<i>WNT4</i>	AW462911	Hs.302428	13.4
<i>STARD4</i>	BF044164	Hs.93842	2.3	<i>WNT6</i>	AW461778	Hs.29764	2
<i>STARD7</i>	AW463035	Hs.445446	2.8	<i>WSB2</i>	AW465418	Hs.459470	2
<i>STMN1</i>	BF042135	Hs.209983	4.2	<i>WWP2</i>	BF039899	Hs.315485	2
<i>STRBP</i>	AW464757	Hs.287659	2.2	<i>XDH</i>	BM363963	Hs.250	10.4
<i>SUCLA2</i>	BF046198	Hs.182217	3.5	<i>XLKDI</i>	BF041814	Hs.17917	8
<i>SULT1E1</i>	BF044128	Hs.54576	4.9	<i>XTP3TPB</i>	BF044941	Hs.438336	2.2
<i>TIA-2</i>	BF041289	Hs.468675	25.6	<i>YWHAB</i>	BF045644	Hs.279920	2.3
<i>TACC1</i>	BF041576	Hs.279245	10.2	<i>ZC3HAV1</i>	AW461704	Hs.35254	5.1
<i>TACSTD1</i>	AW461992	Hs.692	15.1	<i>ZNF261</i>	AW465324	Hs.9568	2.5
<i>TACSTD2</i>	AW464668	Hs.23582	14.2	<i>ZNF36</i>	BF039448	Hs.24758	2.4
<i>TAF11</i>	BF044799	Hs.83126	2.4	<i>ZNF507</i>	BF041963	Hs.144028	2.9
<i>TAGLN2</i>	AW462704	Hs.406504	3.6		BF042469	TC191194	43.5
<i>TAP1</i>	BM362685	Hs.352018	2.1		AW463280	Bt.22083	39.4
<i>TARDBP</i>	AW462241	Hs.193989	3.8		AW463041	Hs.193784	30.2
<i>TAZ</i>	BF043675	Hs.24341	5.1		BF041028	TC212143	24.9
<i>TD-60</i>	AW462923	Hs.380857	3.8		AW465165	Hs.102495	18
<i>TEB4</i>	BF041383	Hs.380875	3.3		BF042149	Hs.435132	17.6
<i>TFAP2C</i>	AW465006	Hs.440411	7.7		AW463374	Bt.13829	13.8
<i>TFDP1</i>	BF039312	Hs.79353	2.2		BF045509	Hs.33032	13.6
<i>TIF1</i>	AW465616	Hs.183858	2.5		AW463223	Hs.19218	12.3
<i>TIMM23</i>	BF043914	Hs.11866	11.6		AW465686	Bt.13829	10.4
<i>TIMM8A</i>	AW466009	Hs.447877	2.6		BF041555	TC220396	9.5
<i>TJP2</i>	BF045365	Hs.75608	12.1		AW465635		9.3
<i>TJP3</i>	AW465835	Hs.25527	3.3		BF042299	TC197677	8.9
<i>TLE4</i>	BF042408	Hs.494269	2.7		BF040852		8.9
<i>TMG4</i>	BF041033	Hs.471695	19.3		BF042130		8.8
<i>TNFAIP8</i>	AW465089	Hs.17839	2.2		BF228464	TC211716	8.7
<i>TNRC15</i>	BF044620	Hs.334871	4.8		BF044730	Hs.519677	8.7
<i>TOCA1</i>	AW464149	Hs.239681	8.6		BF228460	Bt.23682	8
<i>TOMIL2</i>	BF040770	Hs.375628	6.9		BF042686	Hs.432984	7.8

<i>TOMM7</i>	BM366715	Hs.112318	3.1	BF040750	Bt.3946	7.8
<i>TOPBP1</i>	AW464245	Hs.91417	2.9	BF039327	Bt.10994	7.6
<i>TP53</i>	BF039832	Hs.408312	2.3	BF039761	Bt.15683	7.5
<i>TP53INP1</i>	BF041646	Hs.75497	2.7	BF041274		7.2
<i>TPD52</i>	BF044016	Hs.162089	5.3	AW462843	Bt.1173	6.9
<i>TPM3</i>	BF040828	Hs.178468	2.7	AW462277	Bt.5043	6.9
<i>TPR</i>	BF044256	Hs.170472	2.6	AW465149	Hs.349656	6.7
<i>TPX2</i>	BM364843	Hs.9329	7.4	BF044073	Hs.17240	6.7
<i>TRA16</i>	BF046587	Hs.446931	3.3	BF044739	Hs.210582	6.6
<i>TRAP1</i>	AW464926	Hs.183803	2	BM366817		6.3
<i>TRIM28</i>	BF044024	Hs.433612	2.4	BF040044	TC215734	6.2
<i>TRIM6</i>	BF040867	Hs.350518	2.8	BF040433	Hs.512230	6.2
<i>TUBB</i>	AW466180	Hs.512712	4.1	BF039970		6
<i>TUBG1</i>	AW465354	Hs.21635	2.2	BF046725	Hs.289044	5.9
<i>TUBGCP2</i>	BF045659	Hs.372093	5.7	BF041570	Bt.1609	5.9
<i>TXN2</i>	AW464776	Hs.211929	2.1	AW465864		5.8
<i>U2AF1</i>	BF040584	Hs.365116	2.6	BF044832	TC193974	5.7
<i>UBE2C</i>	BF040263	Hs.93002	3	AW464758	Bt.22845	5.5
<i>UBE2G2</i>	AW465767	Hs.250387	4.7	BF042796	TC199764	5.4
<i>UBE2N</i>	AW463008	Hs.458359	4.7	BF041965	Bt.22285	5.4
<i>UBE2V2</i>	BF044848	Hs.371278	2	BF042975		5.3
<i>UMPS</i>	BF044448	Hs.2057	4.4	BF043511	BF043511	5
<i>UPF2</i>	AW464491	Hs.3862	2.6	AW461416	Hs.490420	5
<i>UPF3B</i>	AW466034	Hs.103832	5.4	AW463777	Hs.447674	5
<i>UQCR</i>	BM362465	Hs.8372	2.2	AW464959		4.9
<i>UQCRC1</i>	BF039504	Hs.119251	2.9	BF041621	Bt.21027	4.8
<i>UQCRC2</i>	AW463939	Hs.173554	3.1	BF044193	TC209914	4.7
<i>USMG5</i>	BM362588	Hs.171625	2.4	BF040089	Hs.24359	4.7
<i>USP31</i>	BF043928	Hs.334477	7.6	AW465712	Bt.21836	4.6
<i>VDAC2</i>	AW464708	Hs.355927	3.3	AW465150	Bt.5266	4.6
<i>VEGF</i>	AW465887	Hs.73793	2.5	AW465772	Bt.5266	4.4
<i>VGLL1</i>	AW464366	Hs.9030	13.2	AW463465		4.3
<i>VIL2</i>	BF045212	Hs.403997	3.4	BF042496	BF042496	4.3
<i>VprBP</i>	AW464947	Hs.118738	2.1	BF042812	Bt.23339	4.3
<i>VTI1B</i>	AW463476	Hs.419995	2.2	AW462309	AW462309	4.1
<i>WBSCR1</i>	AW462423	Hs.180900	2.3	BF043244	Hs.525391	4.1
<i>WBSCR14</i>	BF042632	Hs.285681	3.2	BF044238		4.1
<i>WIRE</i>	BF039273	Hs.421622	2.6	AW462110	AW462110	3.8
<i>XBP1</i>	AW463097	Hs.437638	3.5	AW464485	Hs.240443	3.8
<i>XPNPEP1</i>	BF042991	Hs.390623	2.6	BF039075		3.8
<i>XTP2</i>	BF040710	Hs.446197	3	AW461928	Hs.485796	3.8
<i>ZCWCC1</i>	BF041659	Hs.143840	2.2	AW465968	Hs.38034	3.8
<i>ZDHHC5</i>	AW466083	Hs.27239	4.2	BF046578	BF046578	3.8
<i>ZFP29</i>	BF046066	Hs.444502	12.4	BF042740	Hs.512358	3.7
<i>ZFP36</i>	AW462140	Hs.343586	6.1	AW462700	Hs.412624	3.7
<i>ZFP95</i>	BF043911	Hs.110839	2.2	BF041967	Bt.9131	3.7
<i>ZNF160</i>	BF039087	Hs.271511	5	BF042505		3.6
<i>ZNF174</i>	BM364844	Hs.155204	2.1	BM363909	Hs.356766	3.6
<i>ZNF272</i>	BF046535	Hs.99971	5.4	AW464336	Bt.1537	3.5
	BF044514	Hs.519367	42.3	BF043276	TC193186	3.5
	AW466184	Hs.491848	40.8	BF045349	Bt.12423	3.4
	BF041834	Bt.23516	29.3	AW463847	Bt.17180	3.4

BF040595	Bt.23516	26.7	AW466044	Hs.435773	3.3
BM365311	Bt.10879	24.5	BF044217	Hs.310360	3.3
BF039365	Bt.10169	21.4	AW464436	TC194752	3.3
BM362357	Bt.20905	17.1	AW465776	Bt.12588	3.3
AW463193		15.7	AW463405	Bt.19460	3.3
BM366853	BM366853	15.4	BF040956	Hs.330384	3.2
BF042668	BF042668	15	BF039581	Hs.401218	3.2
BF039937	Hs.504172	14.6	BF043194		3.2
BF040144	Bt.6457	13.5	AW465553	Hs.154336	3.2
AW463423	TC211021	12.2	AW461754		3.2
BF044039	TC194474	11.9	AW464181		3.1
BF042046		10.3	AW462030	Bt.3362	3.1
BF041704	Bt.7035	9.7	AW466064	TC198712	3.1
BM361923	Hs.12853	9.2	BF044125	TC193697	3.1
BF044557	Bt.19405	8.9	BF044414	Bt.20258	2.9
AW465539	Bt.12147	8.8	BF045259	TC201643	2.9
BF042421	Bt.7035	7.7	BF040324	Hs.133864	2.9
AW466145	Hs.485604	6.6	BF045289	Bt.8718	2.9
AW462701	Bt.9217	6.6	BF041590	Hs.197076	2.9
AW462726	Bt.22747	6.5	AW461822	TC213420	2.9
BF039348	BF039348	6.3	BF044408	TC220888	2.9
BF039352	BF039352	6.1	BF042309	BF042309	2.9
BF043184	BF043184	6	AW463853	AW463853	2.8
BF042155		6	AW464394	Hs.274352	2.8
AW466084	Bt.5386	5.9	BF046504	BF046504	2.8
BF045761	BF045761	5.7	AW464231	Bt.7021	2.8
AW462102	AW462102	5.7	BF046275	Bt.6508	2.8
BF046625	Bt.6726	5.7	BM364995	TC210468	2.8
BF044551	Bt.13870	5.6	BF044141		2.8
BF039828	Bt.4412	5.5	BF042955	BF042955	2.7
AW464517	Bt.22607	5.1	BF043900		2.7
AW464533	Hs.486963	5	AW464091	Bt.3094	2.7
AW462296		5	BF039315		2.6
BF045076	Bt.6612	4.9	BF045093	Bt.5089	2.6
AW464982	Bt.3352	4.9	AW466156		2.6
BF042781		4.7	BF046442	Bt.15887	2.6
AW463750	Bt.12177	4.5	AW465789	Bt.17659	2.6
BF040698		4.4	BF042802	Hs.520231	2.5
BF043988	TC211858	4.4	BF041679	Hs.154929	2.5
BF041155	Bt.24251	4.3	AW464759	Bt.16981	2.5
BF042235	TC199597	4.2	BF046268	Hs.16346	2.5
AW465558	TC205756	4.2	BM364910	Hs.371274	2.4
AW463677	Bt.9985	4.1	BF040935	BF040935	2.4
BF041308	Hs.473538	4	AW465703	Bt.9668	2.4
AW464066	Bt.6250	3.9	AW463907	Hs.454881	2.4
AW461591	Bt.6019	3.8	BF046724	Hs.239870	2.4
BF042818	Bt.23487	3.8	BF044670	Mm.252481	2.4
AW464930	Hs.105636	3.7	BF041811	BF041811	2.4
BF046663		3.7	AW464721	AW464721	2.4
AW465621	Hs.351680	3.4	BF044045	Hs.199705	2.4
AW462353	Bt.15791	3.3	AW465164	Hs.432862	2.4
BF043689	Bt.18283	3.3	BF044626	Hs.519290	2.3

BF040579		3.2	AW464379		2.3
BF044359	TC212909	3.2	AW465325	Hs.19340	2.3
BF042909	Hs.441127	3.2	BF044838	Bt.21732	2.3
BF045888		3.2	BF045148	Bt.6456	2.3
BF043117	Bt.9580	3.1	AW463136	AW463136	2.3
AW466210	Hs.504270	3	BF045354	Hs.448705	2.3
AW466172		3	BF039906	Hs.524254	2.3
BF044069	Bt.20515	3	AW465023		2.2
BF042999	Bt.12564	3	AW465334	AW465334	2.2
BF040216		2.9	BF043441	Bt.16982	2.2
BF040773		2.9	AW464312	TC215960	2.2
AW465279	Bt.1465	2.9	BM364471	Hs.336425	2.2
BF039334	Hs.434077	2.9	BF042933	TC194220	2.2
BF045945	Hs.460717	2.8	AW464480	Bt.20775	2.2
BF040843	Bt.9542	2.8	AW463016	AW463016	2.2
BF043921	BF043921	2.8	AW466063	AW466063	2.1
BF044521	Bt.17762	2.8	BF040300	Bt.20914	2.1
AW463806	TC213320	2.7	AW465771	Hs.60257	2.1
AW463719	Bt.5266	2.7	BF040988		2.1
BF042331	TC212164	2.7	BF039593	Bt.8828	2.1
BF042990	TC204354	2.7	BF046691	Hs.27048	2.1
BF043888	TC215036	2.7	AW465652	Bt.1000	2.1
AW462829	Bt.2467	2.6	BF040753	Bt.16233	2
BM364839	Hs.343588	2.6	BM364815	Bt.11260	2
BF044764		2.6	BM364954	Hs.512306	2
BF043123	Bt.23034	2.6	AW465481		2
BF044855	Bt.11339	2.6	BF040789	Hs.283575	2
AW465281	Hs.105636	2.5			
BF042273	BF042273	2.5			
BF040190	Mm.332140	2.5			
BF039785	Bt.6431	2.5			
BF041210	Bt.18934	2.4			
BF044080	Bt.15809	2.4			
AW463962	TC198668	2.4			
BF228462	Bt.6627	2.4			
BF045800	BF045800	2.4			
AW462711	Bt.7917	2.3			
AW461660	Bt.7434	2.3			
BF044908	Bt.17347	2.3			
BF043647	Hs.444182	2.3			
BF043919	Bt.9263	2.3			
BF045967	Bt.9650	2.3			
AW466120	Bt.16747	2.3			
AW464881	Hs.517644	2.3			
BF043741	TC196187	2.3			
AW465896	Bt.16905	2.3			
BM364829	Hs.463043	2.2			
AW465982	Bt.1797	2.2			
AW463973		2.2			

BF044218		2.2
AW461534		2.2
BF045980	Bt.4059	2.2
AW462794	TC199059	2.2
BF039480	Hs.512829	2.2
BM366764	Hs.104520	2.2
BF042200	Bt.9734	2.2
AW465649	Bt.3830	2.2
BF039323		2.2
AW464938		2.2
AW462445		2.2
AW461544	TC196804	2.2
BF046135	Hs.163742	2.2
BF043234	Hs.523076	2.1
BF042383	Hs.433254	2.1
BF044457	Hs.292457	2.1
BF044297	Hs.517832	2
BF040951	BF040951	2
BF046308	Bt.6537	2
AW465254	Bt.20185	2
BF039595		2
BF041434	BF041434	2

*Some sequences do not have human/mouse UniGene IDs and are annotated with the Cattle UniGene/TIGR names or are previously unannotated bovine sequences.

†Fold change represents the ratio of the embryos:standard reference divided by the ratio of the donor cells:standard reference.

‡Fold change represents the ratio of the donor cells:standard reference divided by the ratio of the embryos:standard reference.