

Table S1. Transcripts that are significantly differentially expressed among M-MDM(LPS/IFN γ), GM-MDM(LPS/IFN γ), and Mob-MDM(LPS/IFN γ).

RefSeq transcript ID	Symbol	Fold Change		
		Mob-MDM(LPS/IFN γ) vs. GM-MDM(LPS/IFN γ)	Mob-MDM(LPS/IFN γ) vs. M-MDM(LPS/IFN γ)	M-MDM(LPS/IFN γ) vs. GM-MDM(LPS/IFN γ)
NM_000758	<i>CSF2</i>	38.14	47.90	-1.26
NM_000619	<i>IFNG</i>	34.43	22.54	1.53
NM_002994	<i>CXCL5</i>	27.00	18.59	1.45
NM_004131	<i>GZMB</i>	26.41	12.47	2.12
NM_000096	<i>CP</i>	21.10	19.66	1.07
NM_000878	<i>IL2RB</i>	19.00	8.68	2.19
NM_014767	<i>SPOCK2</i>	18.48	8.22	2.25
NM_016584	<i>IL23A</i>	18.25	42.79	-2.34
NM_172219	<i>CSF3</i>	17.84	16.66	1.07
NM_003537	<i>HIST1H3B</i>	16.97	14.05	1.21
NM_003531	<i>HIST1H3C</i>	16.43	11.00	1.49
NM_003534	<i>HIST1H3G</i>	15.88	11.89	1.34
NM_001767	<i>CD2</i>	14.85	11.00	1.35
NM_005322	<i>HIST1H1B</i>	13.48	6.97	1.93
NM_001005464.1	<i>HIST2H3A</i>	13.48	8.08	1.67
NM_021059.1	<i>HIST2H3C</i>	13.48	8.08	1.67
NM_001034	<i>RRM2</i>	12.53	13.10	-1.05
NM_021066	<i>HIST1H2AJ</i>	12.50	8.81	1.42
NR_046035	<i>CXCL1</i>	12.45	7.96	1.56
NM_003521	<i>HIST1H2BM</i>	12.44	9.80	1.27
NM_000584	<i>IL8</i>	11.47	28.21	-2.46
NM_003511	<i>HIST1H2AL</i>	10.45	6.26	1.67
NR_033662	<i>CSF3</i>	10.17	13.61	-1.34
NM_021018	<i>HIST1H3F</i>	10.00	6.18	1.62
NR_046371	<i>CP</i>	9.91	7.26	1.36
NM_019618	<i>IL36G</i>	9.73	10.75	-1.10
NM_000576	<i>IL1B</i>	9.52	10.43	-1.09
NM_001144966	<i>NEDD4L</i>	9.46	10.34	-1.09
NM_003535	<i>HIST1H3J</i>	8.74	7.73	1.13
NM_001071	<i>TYMS</i>	8.53	5.47	1.56
NM_002561	<i>P2RX5</i>	8.27	10.28	-1.24
NM_001161443	<i>SH2D2A</i>	8.23	6.96	1.18
NM_000733	<i>CD3E</i>	8.18	7.71	1.06

NM_030915	<i>LBH</i>	8.14	5.32	1.53
NM_005356	<i>LCK</i>	7.92	7.92	1.00
NM_003519	<i>HIST1H2BL</i>	7.88	3.87	2.04
NM_024508	<i>ZBED2</i>	7.81	5.77	1.35
NM_052916	<i>RNF157</i>	7.76	7.44	1.04
NM_001005464	<i>HIST2H3A</i>	7.70	7.51	1.03
NM_021059	<i>HIST2H3C</i>	7.70	7.51	1.03
NM_001083116	<i>PRF1</i>	7.69	5.24	1.47
NM_001145966	<i>MKI67</i>	7.50	5.53	1.36
NM_052838	<i>1-Sep</i>	7.35	5.06	1.45
NM_001511	<i>CXCL1</i>	7.34	8.90	-1.21
NM_005442	<i>EOMES</i>	7.25	4.92	1.48
NM_198827	<i>GPR133</i>	7.25	15.87	-2.19
NM_002466	<i>MYBL2</i>	7.19	6.33	1.13
NM_003509	<i>HIST1H2AI</i>	7.10	3.43	2.07
NM_012092	<i>ICOS</i>	7.04	6.73	1.04
NM_005238	<i>ETS1</i>	6.98	2.57	2.72
NM_006564	<i>CXCR6</i>	6.93	7.04	-1.02
NM_017709	<i>FAM46C</i>	6.61	6.23	1.06
NM_005816	<i>CD96</i>	6.60	4.17	1.58
NM_001042600	<i>MAP4K1</i>	6.57	5.59	1.17
NM_001130046	<i>CCL20</i>	6.48	13.12	-2.03
NM_003645	<i>SLC27A2</i>	6.39	5.92	1.08
NM_001143965	<i>TBC1D7</i>	6.32	2.72	2.32
NM_002090	<i>CXCL3</i>	6.26	3.17	1.97
NM_004195	<i>TNFRSF18</i>	6.16	9.76	-1.58
NM_000655	<i>SELL</i>	6.12	5.45	1.12
NM_006433	<i>GNLY</i>	6.12	4.85	1.26
NM_000759	<i>CSF3</i>	6.10	15.20	-2.49
NM_002526	<i>NT5E</i>	5.87	15.90	-2.71
NM_015277	<i>NEDD4L</i>	5.86	2.46	2.39
NM_175055	<i>HIST3H2BB</i>	5.85	3.76	1.56
NM_206925	<i>CA12</i>	5.83	4.34	1.34
NM_006144	<i>GZMA</i>	5.81	5.08	1.14
NM_006725	<i>CD6</i>	5.79	5.46	1.06
NM_021064	<i>HIST1H2AG</i>	5.78	2.96	1.95
NM_018410	<i>HJURP</i>	5.72	5.72	1.00
NM_003514	<i>HIST1H2AM</i>	5.70	2.87	1.99
NM_001079	<i>ZAP70</i>	5.65	5.02	1.12
NM_021062	<i>HIST1H2BB</i>	5.63	2.68	2.10

NM_004430	<i>EGR3</i>	5.59	4.98	1.12
NM_003536	<i>HIST1H3H</i>	5.58	3.07	1.82
NM_016448	<i>DTL</i>	5.55	5.52	1.01
NM_001131010	<i>SATB1</i>	5.50	4.42	1.25
NM_173157	<i>NR4A1</i>	5.40	9.23	-1.71
NM_004591	<i>CCL20</i>	5.38	12.77	-2.37
NM_001007466	<i>TULP4</i>	5.33	1.81	2.95
NM_003548	<i>HIST2H4A</i>	5.32	3.15	1.69
NM_001034077	<i>HIST2H4B</i>	5.32	3.15	1.69
NM_003513	<i>HIST1H2AB</i>	5.28	3.73	1.42
NM_007288	<i>MME</i>	5.26	2.33	2.26
NM_001144970	<i>NEDD4L</i>	5.25	3.34	1.57
NM_014220	<i>TM4SF1</i>	5.24	4.60	1.14
NM_015482	<i>SLC22A23</i>	5.18	-1.53	7.91
NM_033423	<i>GZMH</i>	5.16	3.47	1.49
NM_003527	<i>HIST1H2BO</i>	5.14	3.00	1.71
NM_001270472	<i>MCM3</i>	5.13	2.46	2.09
NM_018136	<i>ASPM</i>	5.07	5.85	-1.15
NM_001718	<i>BMP6</i>	5.06	2.34	2.16
NM_006257	<i>PRKCQ</i>	5.04	3.62	1.39
NM_001123375	<i>HIST2H3D</i>	5.02	3.18	1.58
NM_001559	<i>IL12RB2</i>	5.00	5.00	1.00
NM_080596	<i>HIST1H2AH</i>	4.94	2.13	2.31
NM_003853	<i>IL18RAP</i>	4.92	4.44	1.11
NM_000575	<i>IL1A</i>	4.92	17.83	-3.63
NM_133272	<i>FCAR</i>	4.87	4.42	1.10
NM_178844	<i>NLRC3</i>	4.86	3.69	1.32
NM_004091	<i>E2F2</i>	4.86	4.72	1.03
NM_001243121	<i>PDE4A</i>	4.82	2.97	1.62
NM_001067	<i>TOP2A</i>	4.81	5.10	-1.06
NM_001394	<i>DUSP4</i>	4.77	9.18	-1.92
NM_002000	<i>FCAR</i>	4.77	4.41	1.08
NM_018004	<i>TMEM45A</i>	4.71	3.23	1.46
NR_027353	<i>CD8A</i>	4.67	2.12	2.20
NM_003533	<i>HIST1H3I</i>	4.66	2.32	2.01
NM_006137	<i>CD7</i>	4.65	3.05	1.52
NM_001218	<i>CA12</i>	4.59	4.68	-1.02
NM_000734	<i>CD247</i>	4.56	5.37	-1.18
NM_002263.1	<i>KIFC1</i>	4.55	4.61	-1.01
NM_012223	<i>MYO1B</i>	4.53	6.32	-1.39

NM_002964	<i>S100A8</i>	4.53	2.12	2.14
NM_002089	<i>CXCL2</i>	4.51	3.87	1.16
NM_003548.1	<i>HIST2H4A</i>	4.50	2.84	1.59
NM_001034077.1	<i>HIST2H4B</i>	4.50	2.84	1.59
NM_001267058	<i>CASP7</i>	4.47	1.86	2.40
NM_201538	<i>NDRG2</i>	4.47	4.47	1.00
NM_145019	<i>FAM124A</i>	4.45	7.92	-1.78
NM_016343	<i>CENPF</i>	4.42	3.12	1.42
NM_021058	<i>HIST1H2BJ</i>	4.39	2.35	1.87
NM_001168	<i>BIRC5</i>	4.37	4.30	1.02
NM_003546	<i>HIST1H4L</i>	4.36	3.42	1.28
NM_001164114	<i>CASS4</i>	4.36	4.68	-1.07
NM_032415	<i>CARD11</i>	4.32	4.84	-1.12
NM_002575	<i>SERPINB2</i>	4.30	4.57	-1.06
NM_031445	<i>AMMECR1L</i>	4.29	-1.05	4.48
NM_002178	<i>IGFBP6</i>	4.25	1.91	2.23
NM_003539	<i>HIST1H4D</i>	4.24	2.88	1.47
NM_000732	<i>CD3D</i>	4.20	4.20	1.00
NM_012112	<i>TPX2</i>	4.19	4.78	-1.14
NM_002775	<i>HTRA1</i>	4.18	1.82	2.30
NM_013308	<i>GPR171</i>	4.15	3.84	1.08
NM_003495	<i>HIST1H4I</i>	4.15	1.83	2.26
NM_001164586	<i>IGFN1</i>	4.11	13.13	-3.19
NM_001008540	<i>CXCR4</i>	4.06	3.49	1.16
NM_003538	<i>HIST1H4A</i>	4.05	3.66	1.11
NM_006845	<i>KIF2C</i>	4.05	5.06	-1.25
NM_002928	<i>RGS16</i>	4.05	2.14	1.89
NM_001253792	<i>ZNF444</i>	4.04	1.86	2.18
NR_026692	<i>CD209</i>	4.03	6.42	-1.59
NM_020356	<i>CASS4</i>	4.02	3.41	1.18
NM_003541	<i>HIST1H4K</i>	4.01	1.83	2.19
NM_001255	<i>CDC20</i>	3.99	3.44	1.16
NM_001130158	<i>MYO1B</i>	3.99	6.22	-1.56
NM_001680	<i>FXVD2</i>	3.98	3.98	1.00
NM_201541	<i>NDRG2</i>	3.98	16.88	-4.24
NM_003523	<i>HIST1H2BE</i>	3.97	2.46	1.62
NM_000245	<i>MET</i>	3.93	5.07	-1.29
NM_002875	<i>RAD51</i>	3.92	2.97	1.32
NM_004603	<i>STX1A</i>	3.92	2.47	1.59
NM_014391	<i>ANKRD1</i>	3.92	13.56	-3.46

NM_002984	<i>CCL4</i>	3.90	2.90	1.35
NR_037716	<i>RNASEK</i>	3.88	1.97	1.97
NM_003650	<i>CST7</i>	3.86	2.01	1.92
NM_004523	<i>KIF11</i>	3.85	3.87	-1.00
NM_003510	<i>HIST1H2AK</i>	3.84	1.96	1.95
NM_175840	<i>SMOX</i>	3.83	5.21	-1.36
NM_019074	<i>DLL4</i>	3.82	-3.72	14.20
NM_001204519	<i>P2RX5</i>	3.81	2.89	1.32
NM_003529	<i>HIST1H3A</i>	3.81	1.82	2.09
NM_005225	<i>E2F1</i>	3.79	5.86	-1.55
NM_002467	<i>MYC</i>	3.78	2.84	1.33
NM_003524	<i>HIST1H2BH</i>	3.77	3.07	1.23
NM_057158	<i>DUSP4</i>	3.75	8.71	-2.32
NM_020530	<i>OSM</i>	3.75	5.81	-1.55
NM_000572	<i>IL10</i>	3.74	-2.11	7.88
NM_016426	<i>GTSE1</i>	3.72	3.72	1.00
NM_001258216	<i>IL12RB2</i>	3.72	3.21	1.16
NM_032571	<i>EMR3</i>	3.70	9.81	-2.65
NM_001003675	<i>LDLRAD4</i>	3.70	2.79	1.33
NM_080722	<i>ADAMTS14</i>	3.69	2.17	1.70
NM_139155	<i>ADAMTS14</i>	3.69	2.17	1.70
NM_005320	<i>HIST1H1D</i>	3.68	1.83	2.01
NM_018349	<i>MCTP2</i>	3.66	3.09	1.18
NM_000212	<i>ITGB3</i>	3.66	6.34	-1.73
NM_006474	<i>PDPN</i>	3.65	-1.54	5.60
NM_004336	<i>BUB1</i>	3.65	4.44	-1.22
NM_001002017	<i>HCFC1R1</i>	3.60	1.74	2.07
NM_012483	<i>GNLY</i>	3.60	2.73	1.32
NM_005733	<i>KIF20A</i>	3.56	3.44	1.04
NM_002965	<i>S100A9</i>	3.56	2.02	1.76
NM_003525	<i>HIST1H2BI</i>	3.55	2.37	1.50
NM_002609	<i>PDGFRB</i>	3.51	1.68	2.08
NM_012481	<i>IKZF3</i>	3.50	3.03	1.16
NM_001163524	<i>ITPRIPL1</i>	3.50	2.70	1.30
NM_005601	<i>NKG7</i>	3.49	1.22	2.86
NM_001165931	<i>RRM2</i>	3.48	3.48	1.00
NM_007287	<i>MME</i>	3.47	3.07	1.13
NM_182914	<i>SYNE2</i>	3.47	3.87	-1.12
NM_001992	<i>F2R</i>	3.46	3.37	1.03
NM_001136232	<i>SEC13</i>	3.46	2.50	1.38

NM_001109	<i>ADAM8</i>	3.44	1.33	2.58
NM_001202233	<i>NR4A1</i>	3.44	4.16	-1.21
NM_005916	<i>MCM7</i>	3.43	2.91	1.18
NM_152515	<i>CKAP2L</i>	3.43	3.43	1.00
NM_001145664	<i>RFX8</i>	3.43	3.43	1.00
NM_003540	<i>HIST1H4F</i>	3.41	1.84	1.86
NM_015441	<i>OLFML2B</i>	3.40	-1.73	5.89
NM_005030	<i>PLK1</i>	3.39	2.90	1.17
NM_030754	<i>SAA2</i>	3.37	2.54	1.33
NR_073375	<i>MCM2</i>	3.33	4.31	-1.29
NM_001237	<i>CCNA2</i>	3.33	2.78	1.20
NM_014207	<i>CD5</i>	3.32	2.86	1.16
NM_001785	<i>CDA</i>	3.32	10.59	-3.19
NM_001257410	<i>IKZF3</i>	3.32	2.66	1.24
NM_001271099	<i>PUF60</i>	3.28	1.71	1.91
NM_001254	<i>CDC6</i>	3.26	3.53	-1.08
NM_017720	<i>STAP2</i>	3.25	2.21	1.47
NM_001197221	<i>PDE4D</i>	3.25	3.90	-1.20
NM_024007	<i>EBF1</i>	3.25	3.01	1.08
NM_001244950	<i>SPOCK2</i>	3.25	4.77	-1.47
NM_001079907	<i>ZNF331</i>	3.25	2.61	1.24
NM_032108	<i>SEMA6B</i>	3.24	3.50	-1.08
NM_001262	<i>CDKN2C</i>	3.23	2.54	1.27
NM_014479	<i>ADAMDEC1</i>	3.21	-1.13	3.64
NM_001242312	<i>FAM124A</i>	3.21	10.73	-3.35
NM_001786	<i>CDK1</i>	3.20	2.76	1.16
NM_000600	<i>IL6</i>	3.18	14.74	-4.63
NM_018643	<i>TREM1</i>	3.18	10.27	-3.23
NM_201540	<i>NDRG2</i>	3.18	7.66	-2.41
NM_144720	<i>JAKMIP1</i>	3.16	3.16	1.00
NM_002608	<i>PDGFB</i>	3.16	4.28	-1.35
NM_003975	<i>SH2D2A</i>	3.15	3.15	1.00
NM_002417	<i>MKI67</i>	3.15	8.77	-2.79
NR_038380	<i>SLC7A11-AS1</i>	3.14	3.63	-1.15
NM_001144894	<i>CD209</i>	3.14	2.98	1.05
NM_003522	<i>HIST1H2BF</i>	3.14	2.49	1.26
NM_012258	<i>HEY1</i>	3.14	3.91	-1.25
NM_001271606	<i>BASP1</i>	3.13	1.17	2.67
NM_003544	<i>HIST1H4B</i>	3.12	2.57	1.22
NM_145687	<i>MAP4K4</i>	3.11	4.13	-1.33

NM_000639	<i>FASLG</i>	3.10	2.51	1.24
NM_198042	<i>PDLIM2</i>	3.10	5.01	-1.62
NM_004428	<i>EFNA1</i>	3.08	4.12	-1.34
NM_177963	<i>SYT12</i>	3.08	7.37	-2.39
NM_013282	<i>UHRF1</i>	3.07	2.71	1.13
NM_016441	<i>CRIM1</i>	3.06	3.12	-1.02
NM_004994	<i>MMP9</i>	3.06	1.08	2.82
NM_021968	<i>HIST1H4J</i>	3.06	1.64	1.87
NM_001099439	<i>EPHA10</i>	3.04	3.03	1.00
NM_000608	<i>ORM2</i>	3.02	3.17	-1.05
NM_000403	<i>GALE</i>	3.01	6.46	-2.14
NM_001197222	<i>PDE4D</i>	3.01	3.30	-1.10
NM_138768	<i>MYEOV</i>	3.00	4.66	-1.55
NM_001264573	<i>KIF18B</i>	3.00	2.87	1.05
NM_001145271	<i>ADAMDEC1</i>	3.00	-1.16	3.46
NM_000228	<i>LAMB3</i>	2.99	2.45	1.22
NM_022770	<i>GIN3</i>	2.99	2.85	1.05
NM_005214	<i>CTLA4</i>	2.98	6.60	-2.22
NM_001243198	<i>HIP1</i>	2.97	5.56	-1.87
NM_002082	<i>GRK6</i>	2.97	2.51	1.18
NM_002983	<i>CCL3</i>	2.97	3.31	-1.12
NM_015071	<i>ARHGAP26</i>	2.95	1.71	1.73
NM_003542	<i>HIST1H4C</i>	2.94	2.19	1.34
NM_014331	<i>SLC7A11</i>	2.91	2.67	1.09
NM_001657.1	<i>AREG</i>	2.91	2.92	-1.00
NM_014875	<i>KIF14</i>	2.90	2.90	1.00
NM_001243985	<i>RELA</i>	2.90	1.22	2.37
NM_001252102	<i>KIF21B</i>	2.89	3.15	-1.09
NM_001242607	<i>NCAM1</i>	2.88	3.81	-1.32
NR_024273	<i>SEC13</i>	2.88	2.65	1.09
NM_001257360	<i>AMPD2</i>	2.86	3.27	-1.14
NM_004431	<i>EPHA2</i>	2.85	5.64	-1.97
NM_001177428	<i>TRPV4</i>	2.85	4.41	-1.54
NM_173676	<i>PNPLA1</i>	2.85	3.96	-1.39
NM_152468	<i>TMC8</i>	2.84	3.20	-1.12
NM_001161819	<i>MYO1B</i>	2.84	13.18	-4.64
NM_001077511.1	<i>TCF19</i>	2.84	2.01	1.41
NM_033016	<i>PDGFB</i>	2.82	4.60	-1.63
NM_004130	<i>GYG1</i>	2.80	3.00	-1.07
NR_073484	<i>CDK2AP2</i>	2.79	2.25	1.24

NM_005276	<i>GPD1</i>	2.79	4.52	-1.62
NM_001006947	<i>UHRF1BP1L</i>	2.78	1.01	2.75
NM_021953	<i>FOXM1</i>	2.78	3.54	-1.28
NM_000073	<i>CD3G</i>	2.77	2.77	1.00
NM_006907	<i>PYCR1</i>	2.77	2.76	1.01
NM_021155	<i>CD209</i>	2.77	6.84	-2.47
NM_012310	<i>KIF4A</i>	2.77	2.77	1.00
NM_182802	<i>MCM8</i>	2.77	1.78	1.55
NM_001211	<i>BUB1B</i>	2.76	2.94	-1.06
NM_002236	<i>KCNF1</i>	2.76	5.49	-1.99
NM_173483	<i>CYP4F22</i>	2.75	4.84	-1.76
NM_080881	<i>DBN1</i>	2.75	2.51	1.10
NM_206918	<i>DEGS2</i>	2.73	4.24	-1.55
NM_001161560	<i>TNIK</i>	2.73	2.27	1.20
NM_174918	<i>C19orf59</i>	2.72	10.98	-4.03
NM_001001323	<i>ATP2B1</i>	2.72	2.68	1.02
NM_014400	<i>LYPD3</i>	2.72	6.31	-2.32
NM_213655	<i>WNK1</i>	2.71	1.60	1.70
NM_006186	<i>NR4A2</i>	2.71	3.16	-1.16
NM_024070	<i>PVRIG</i>	2.71	1.95	1.39
NM_005319	<i>HIST1H1C</i>	2.71	1.63	1.66
NM_003530	<i>HIST1H3D</i>	2.70	2.13	1.27
NM_003543	<i>HIST1H4H</i>	2.70	1.74	1.55
NM_017640	<i>LRRC16A</i>	2.69	2.40	1.12
NM_203394	<i>E2F7</i>	2.67	3.35	-1.25
NM_000094	<i>COL7A1</i>	2.67	3.06	-1.15
NM_178834	<i>LAYN</i>	2.66	4.25	-1.60
NM_000963	<i>PTGS2</i>	2.66	1.98	1.34
NM_001242416	<i>WDR20</i>	2.65	2.44	1.09
NM_003855	<i>IL18R1</i>	2.65	2.57	1.03
NM_003579	<i>RAD54L</i>	2.65	2.64	1.00
NM_000954	<i>PTGDS</i>	2.65	5.69	-2.15
NM_001017995	<i>SH3PXD2B</i>	2.65	2.02	1.31
NM_001789	<i>CDC25A</i>	2.63	2.61	1.01
NM_134262	<i>RORA</i>	2.63	2.69	-1.02
NM_003582	<i>DYRK3</i>	2.62	1.72	1.52
NM_001113378	<i>FANCI</i>	2.61	2.96	-1.14
NM_012168	<i>FBXO2</i>	2.60	2.60	1.00
NM_003095	<i>SNRPF</i>	2.60	1.53	1.71
NM_001042728	<i>RARG</i>	2.60	3.05	-1.17

NM_002358	<i>MAD2L1</i>	2.60	2.82	-1.08
NM_001172128	<i>IL16</i>	2.60	3.46	-1.33
NM_001400	<i>S1PR1</i>	2.59	-4.60	11.92
NM_001256511	<i>SSBP1</i>	2.59	1.79	1.45
NM_005723	<i>TSPAN5</i>	2.58	5.14	-1.99
NM_004867	<i>ITM2A</i>	2.58	2.58	1.00
NM_198517	<i>TBC1D10C</i>	2.58	2.44	1.06
NM_002122	<i>HLA-DQA1</i>	2.57	3.85	-1.49
NM_001256295	<i>ETS2</i>	2.57	1.32	1.95
NM_021777	<i>ADAM28</i>	2.57	-1.12	2.88
NM_001242608	<i>NCAM1</i>	2.57	4.47	-1.74
NM_002638	<i>PI3</i>	2.56	1.90	1.35
NM_006101	<i>NDC80</i>	2.56	2.86	-1.12
NM_001335	<i>CTSW</i>	2.55	3.53	-1.38
NM_173799	<i>TIGIT</i>	2.55	2.73	-1.07
NM_001161562	<i>TNIK</i>	2.53	2.10	1.21
NM_022898	<i>BCL11B</i>	2.52	2.30	1.10
NM_182666	<i>UBE2E1</i>	2.51	1.64	1.53
NM_207336	<i>ZNF467</i>	2.51	1.38	1.82
NM_033319	<i>CENPL</i>	2.51	1.52	1.65
NM_014965	<i>TRAK1</i>	2.51	1.26	1.99
NM_138371	<i>PCED1B</i>	2.51	2.07	1.21
NM_173091	<i>NFATC2</i>	2.51	2.51	1.00
NM_001015049	<i>BAG5</i>	2.51	1.04	2.42
NM_001256875	<i>CDCA8</i>	2.51	3.24	-1.29
NM_001198786	<i>POU2F1</i>	2.50	1.30	1.92
NM_002155	<i>HSPA6</i>	2.49	1.26	1.98
NM_002224	<i>ITPR3</i>	2.48	2.57	-1.04
NM_005239	<i>ETS2</i>	2.48	1.74	1.42
NM_138295	<i>PKD1L1</i>	2.47	3.72	-1.51
NM_013372	<i>GREM1</i>	2.47	2.41	1.02
NM_021642	<i>FCGR2A</i>	2.47	1.04	2.37
NM_001220767	<i>IKZF1</i>	2.47	1.43	1.72
NM_001267050	<i>GPR155</i>	2.46	1.67	1.48
NM_001017420	<i>ESCO2</i>	2.46	2.29	1.08
NM_178859	<i>SLC51B</i>	2.45	3.48	-1.42
NM_001017917	<i>CYB561</i>	2.45	2.34	1.04
NM_001271749	<i>GPR77</i>	2.45	2.64	-1.08
NM_004701	<i>CCNB2</i>	2.44	3.39	-1.39
NM_000615	<i>NCAM1</i>	2.44	8.00	-3.28

NM_017789	<i>SEMA4C</i>	2.44	2.18	1.12
NM_021052	<i>HIST1H2AE</i>	2.44	1.43	1.70
NM_181054	<i>HIF1A</i>	2.43	-1.02	2.48
NM_004936	<i>CDKN2B</i>	2.42	2.07	1.17
NM_145686	<i>MAP4K4</i>	2.42	4.28	-1.77
NM_012145	<i>DTYMK</i>	2.42	1.46	1.65
NM_013252	<i>CLEC5A</i>	2.42	10.94	-4.52
NM_001243283	<i>ALCAM</i>	2.42	1.77	1.36
NM_001145199	<i>C12orf75</i>	2.42	2.42	1.00
NM_001202514	<i>MXD1</i>	2.42	2.66	-1.10
NM_007350	<i>PHLDA1</i>	2.41	3.17	-1.32
NM_020689	<i>SLC24A3</i>	2.41	3.62	-1.51
NR_028308	<i>BRE-AS1</i>	2.41	2.50	-1.04
NM_080616	<i>C20orf112</i>	2.41	2.58	-1.07
NM_021615	<i>CHST6</i>	2.39	2.61	-1.09
NM_001042428	<i>ZNF205</i>	2.39	-1.32	3.16
NM_199185	<i>NPM1</i>	2.39	2.18	1.10
NM_001171992	<i>C6orf223</i>	2.38	-1.07	2.56
NM_017444	<i>CHRA1</i>	2.38	1.48	1.60
NM_018131	<i>CEP55</i>	2.38	2.80	-1.18
NM_031966	<i>CCNB1</i>	2.38	2.87	-1.21
NM_018518	<i>MCM10</i>	2.37	2.37	1.00
NR_034033	<i>LOC285972</i>	2.37	5.08	-2.15
NM_001139500	<i>FGF13</i>	2.36	1.82	1.30
NM_175839	<i>SMOX</i>	2.36	5.60	-2.37
NM_005338	<i>HIP1</i>	2.36	4.00	-1.70
NM_004217	<i>AURKB</i>	2.36	2.54	-1.08
NM_015297	<i>KIAA1045</i>	2.36	2.71	-1.15
NM_014450	<i>SIT1</i>	2.36	2.36	1.00
NM_006096	<i>NDRG1</i>	2.35	2.26	1.04
NM_152562	<i>CDCA2</i>	2.35	4.53	-1.92
NM_182665	<i>RASSF5</i>	2.35	3.22	-1.37
NM_198947	<i>FAM111B</i>	2.35	2.35	1.00
NM_201536	<i>NDRG2</i>	2.34	2.34	1.00
NM_001131027	<i>PDLIM4</i>	2.34	7.60	-3.25
NM_001040694	<i>INCENP</i>	2.33	1.51	1.54
NM_182751	<i>MCM10</i>	2.32	2.30	1.01
NR_027767	<i>TNIK</i>	2.32	2.85	-1.23
NM_201539	<i>NDRG2</i>	2.31	2.05	1.13
NM_003467	<i>CXCR4</i>	2.31	2.06	1.12

NM_012193	<i>FZD4</i>	2.30	6.47	-2.81
NM_018154	<i>ASF1B</i>	2.29	3.89	-1.70
NM_001195728	<i>SLC1A2</i>	2.29	3.24	-1.41
NM_006591	<i>POLD3</i>	2.29	1.32	1.73
NR_002720	<i>TRPC2</i>	2.28	2.61	-1.14
NM_006693	<i>CPSF4</i>	2.28	1.09	2.09
NM_001198624	<i>TNFSF13</i>	2.28	3.04	-1.33
NR_027163	<i>C17orf76-AS1</i>	2.28	-1.14	2.58
NM_017594	<i>DIRAS2</i>	2.27	9.48	-4.18
NM_020354	<i>ENTPD7</i>	2.27	1.69	1.34
NM_001570	<i>IRAK2</i>	2.27	3.06	-1.35
NM_001002800	<i>SMC4</i>	2.26	1.95	1.16
NM_021149	<i>COTL1</i>	2.26	3.30	-1.46
NM_001206917	<i>CACNB3</i>	2.26	1.46	1.55
NM_014750	<i>DLGAP5</i>	2.25	2.25	1.00
NM_001243	<i>TNFRSF8</i>	2.25	-3.41	7.66
NM_032514	<i>MAP1LC3A</i>	2.24	-1.56	3.50
NM_017946	<i>FKBP14</i>	2.24	2.78	-1.24
NM_005508	<i>CCR4</i>	2.23	2.23	1.00
NM_001170794	<i>BACH2</i>	2.23	3.56	-1.59
NM_000594.5	<i>TNF</i>	2.23	4.19	-1.88
NM_002988	<i>CCL18</i>	2.23	1.27	1.75
NM_015845	<i>MBD1</i>	2.23	1.38	1.62
NM_005252	<i>FOS</i>	2.22	3.59	-1.61
NM_001159531	<i>BEGAIN</i>	2.22	2.06	1.08
NM_001199797	<i>PTPN7</i>	2.22	2.99	-1.35
NR_028076	<i>SCARF1</i>	2.22	2.17	1.02
NM_022756	<i>MEAF6</i>	2.21	2.65	-1.20
NM_005608	<i>PTPRCAP</i>	2.21	1.91	1.16
NM_003516.1	<i>HIST2H2AA3</i>	2.21	1.36	1.62
NM_001040874.1	<i>HIST2H2AA4</i>	2.21	1.36	1.62
NM_002167	<i>ID3</i>	2.20	4.96	-2.26
NM_182746	<i>MCM4</i>	2.20	2.39	-1.09
NM_000889	<i>ITGB7</i>	2.19	2.71	-1.24
NM_001258320	<i>TP53I11</i>	2.19	1.32	1.66
NM_178448	<i>SAPCD2</i>	2.19	2.69	-1.23
NR_033815	<i>ALS2CL</i>	2.17	4.98	-2.30
NM_003457	<i>ZNF207</i>	2.17	1.52	1.43
NR_045006	<i>NRON</i>	2.17	2.53	-1.17
NM_001258390	<i>LAYN</i>	2.16	3.42	-1.58

NM_201442	<i>C1S</i>	2.16	1.90	1.14
NM_001003697	<i>ATP5J</i>	2.16	-1.33	2.87
NM_001162497	<i>LPAR6</i>	2.16	3.16	-1.46
NM_080655	<i>MSANTD3</i>	2.16	1.82	1.18
NM_001145295	<i>NGLY1</i>	2.16	1.59	1.36
NM_001145319	<i>PLS1</i>	2.16	2.81	-1.31
NM_133279	<i>FCAR</i>	2.15	2.15	1.00
NM_016321	<i>RHCG</i>	2.15	7.23	-3.36
NR_047648	<i>FCGR2C</i>	2.15	-1.36	2.91
NR_038885	<i>LOC100506385</i>	2.15	1.78	1.20
NM_003979	<i>GPRC5A</i>	2.15	2.00	1.07
NM_014326	<i>DAPK2</i>	2.15	3.30	-1.54
NM_176871	<i>PDLIM2</i>	2.14	1.51	1.42
NM_007074	<i>CORO1A</i>	2.14	1.92	1.12
NM_001761	<i>CCNF</i>	2.14	2.57	-1.20
NM_017858	<i>TIPIN</i>	2.14	1.38	1.54
NM_001144897	<i>CD209</i>	2.14	4.64	-2.17
NM_001252103	<i>KIF21B</i>	2.13	2.73	-1.28
NR_037608	<i>SLX1A-</i>	2.13	-1.11	2.36
NR_037609	<i>SLX1B-</i>	2.13	-1.11	2.36
NR_033801	<i>SLC9A7P1</i>	2.12	5.69	-2.68
NM_002357	<i>MXD1</i>	2.12	2.43	-1.14
NM_033625	<i>RPL34</i>	2.12	-1.24	2.63
NM_001136031	<i>ATG7</i>	2.11	1.97	1.07
NR_027467	<i>LIMS3</i>	2.11	1.95	1.08
NR_038099	<i>LIMS3L</i>	2.11	1.95	1.08
NM_002916	<i>RFC4</i>	2.11	1.54	1.37
NM_001274	<i>CHEK1</i>	2.11	2.19	-1.04
NM_032867	<i>MICALCL</i>	2.11	1.25	1.69
NM_001009936	<i>PHF19</i>	2.10	2.10	1.00
NM_024807	<i>TREML2</i>	2.09	3.46	-1.65
NM_001177996	<i>FAM109A</i>	2.09	3.24	-1.55
NM_018455	<i>CENPN</i>	2.08	2.06	1.01
NM_024061	<i>ZNF655</i>	2.08	1.31	1.59
NM_001164489	<i>ADAM8</i>	2.08	1.06	1.97
NM_001190482	<i>PCSK5</i>	2.08	5.20	-2.50
NM_002183.1	<i>IL3RA</i>	2.08	3.89	-1.87
NM_152329	<i>LRR1</i>	2.08	1.05	1.99
NM_001177676	<i>GPR68</i>	2.07	3.94	-1.90
NM_203418	<i>RCAN1</i>	2.06	1.59	1.30

NM_173564	<i>NYAP1</i>	2.06	2.06	1.00
NM_006200	<i>PCSK5</i>	2.06	4.26	-2.07
NM_001682	<i>ATP2B1</i>	2.06	2.89	-1.40
NM_005539	<i>INPP5A</i>	2.06	1.51	1.36
NM_004834	<i>MAP4K4</i>	2.05	2.57	-1.25
NM_001083908	<i>DNAAF2</i>	2.05	-1.45	2.97
NM_138983	<i>OLIG1</i>	2.05	3.15	-1.54
NM_000064	<i>C3</i>	2.05	4.20	-2.05
NM_001012634	<i>IL32</i>	2.04	1.60	1.27
NM_014971	<i>EFR3B</i>	2.04	5.38	-2.63
NM_000376	<i>VDR</i>	2.04	2.86	-1.40
NM_001164751	<i>ASPH</i>	2.04	-1.32	2.70
NM_001193621	<i>PINLYP</i>	2.04	3.12	-1.54
NM_173341	<i>PHF7</i>	2.03	1.12	1.82
NM_001199382	<i>RNF145</i>	2.03	-1.48	3.01
NM_014448	<i>ARHGEF16</i>	2.03	2.15	-1.06
NM_004415	<i>DSP</i>	2.03	6.09	-3.00
NM_004186	<i>SEMA3F</i>	2.03	2.03	1.00
NM_002528	<i>NTHL1</i>	2.03	2.45	-1.21
NM_001185074	<i>ZCCHC6</i>	2.02	2.53	-1.25
NM_001012759	<i>CTU2</i>	2.02	1.34	1.51
NR_073090	<i>MEAF6</i>	2.02	2.60	-1.29
NM_152286	<i>PNPLA7</i>	2.02	3.34	-1.66
NM_005875	<i>EIF1B</i>	2.01	1.85	1.09
NM_003786	<i>ABCC3</i>	2.01	2.80	-1.39
NM_003897	<i>IER3</i>	2.01	1.51	1.34
NM_005491	<i>MAMLD1</i>	2.01	6.42	-3.19
NM_001142761	<i>KNSTRN</i>	2.01	2.21	-1.10
NM_015723	<i>PNPLA8</i>	2.01	2.90	-1.45
NM_001258210	<i>TSKU</i>	2.00	7.12	-3.55
NM_000903	<i>NQO1</i>	2.00	1.47	1.36
NM_001128826	<i>NCS1</i>	2.00	2.69	-1.34
NM_001126111	<i>OSGIN2</i>	2.00	2.16	-1.08
NM_023948	<i>MOSPD3</i>	1.99	2.59	-1.30
NM_003693	<i>SCARF1</i>	1.99	2.62	-1.32
NM_002183	<i>IL3RA</i>	1.99	3.86	-1.94
NM_001032283	<i>TMPO</i>	1.98	2.69	-1.36
NM_001029864	<i>KIAA1755</i>	1.97	6.95	-3.53
NM_001126104	<i>RACGAP1</i>	1.96	2.34	-1.19
NM_001943	<i>DSG2</i>	1.96	2.95	-1.51

NM_001242559	<i>MAP4K4</i>	1.94	3.27	-1.68
NM_153690	<i>FAM43A</i>	1.94	4.49	-2.31
NR_036440	<i>POU5F1P3</i>	1.94	2.11	-1.09
NM_001712	<i>CEACAM1</i>	1.94	4.04	-2.08
NM_001013838	<i>RLTPR</i>	1.94	2.85	-1.47
NM_000435	<i>NOTCH3</i>	1.93	5.99	-3.10
NM_174955	<i>ATP2A3</i>	1.93	3.19	-1.66
NM_006000	<i>TUBA4A</i>	1.92	2.70	-1.40
NM_016250	<i>NDRG2</i>	1.92	2.43	-1.27
NM_001005176	<i>SP140</i>	1.92	2.28	-1.19
NM_017596	<i>KIF21B</i>	1.91	2.59	-1.35
NM_001827	<i>CKS2</i>	1.90	2.47	-1.30
NM_001271856	<i>GRASP</i>	1.90	3.55	-1.86
NM_007028.7	<i>TRIM31</i>	1.90	7.84	-4.13
NM_001130026	<i>FAM115C</i>	1.90	-2.55	4.84
NM_014468	<i>VENTX</i>	1.90	2.23	-1.18
NM_020343	<i>RALGAPA2</i>	1.89	2.37	-1.25
NM_003276	<i>TMPO</i>	1.89	2.47	-1.31
NM_001099286	<i>MTFR2</i>	1.89	2.25	-1.19
NM_174954	<i>ATP2A3</i>	1.88	3.24	-1.72
NM_173528	<i>C15orf26</i>	1.88	2.17	-1.15
NM_001017535	<i>VDR</i>	1.87	2.80	-1.50
NM_199002	<i>ARHGEF1</i>	1.87	2.56	-1.37
NM_030929	<i>KAZALD1</i>	1.87	2.47	-1.32
NM_001135242	<i>NDRG1</i>	1.86	2.77	-1.49
NM_002438.1	<i>MRC1</i>	1.86	7.35	-3.96
NM_018387	<i>STRBP</i>	1.86	4.03	-2.17
NM_001252100	<i>KIF21B</i>	1.86	2.16	-1.17
NM_006716	<i>DBF4</i>	1.85	2.26	-1.22
NM_005173	<i>ATP2A3</i>	1.85	2.60	-1.41
NM_000379	<i>XDH</i>	1.84	3.07	-1.66
NM_004418	<i>DUSP2</i>	1.84	5.11	-2.77
NM_001256105	<i>WNT5A</i>	1.84	3.18	-1.73
NM_004844	<i>SH3BP5</i>	1.84	3.08	-1.68
NR_073104	<i>ITGA2</i>	1.84	2.34	-1.27
NM_001270691	<i>SMOX</i>	1.84	2.75	-1.50
NM_001037330	<i>TRIM16L</i>	1.83	2.21	-1.21
NM_174953	<i>ATP2A3</i>	1.83	3.14	-1.71
NM_001008723	<i>CCDC147</i>	1.82	2.04	-1.12
NM_033105	<i>DNAJC5B</i>	1.82	3.33	-1.83

NM_001145525	<i>RAI14</i>	1.82	2.47	-1.35
NM_002162	<i>ICAM3</i>	1.82	4.32	-2.37
NM_174956	<i>ATP2A3</i>	1.82	3.01	-1.65
NM_033141	<i>MAP3K9</i>	1.81	2.45	-1.35
NM_032744	<i>ADTRP</i>	1.81	2.68	-1.48
NM_001003702	<i>ARHGEF35</i>	1.81	3.68	-2.03
NM_025153	<i>ATP10B</i>	1.81	2.78	-1.54
NM_152292	<i>TRMT10A</i>	1.80	2.41	-1.34
NM_000906	<i>NPR1</i>	1.79	4.55	-2.54
NM_001079882	<i>PRKD2</i>	1.79	2.38	-1.33
NM_020698	<i>TMCC3</i>	1.79	3.56	-2.00
NM_015111	<i>N4BP3</i>	1.78	3.33	-1.87
NM_002933	<i>RNASE1</i>	1.78	-11.59	20.65
NM_001128922	<i>LRRC32</i>	1.78	6.97	-3.92
NM_004252	<i>SLC9A3R1</i>	1.78	2.12	-1.19
NM_003174	<i>SVIL</i>	1.78	3.03	-1.71
NM_002438	<i>MRC1</i>	1.78	7.77	-4.37
NM_181640	<i>CKLF</i>	1.76	2.01	-1.14
NM_001018009	<i>SH3BP5</i>	1.76	3.27	-1.86
NM_001161573	<i>MAFF</i>	1.76	2.25	-1.28
NM_001100164	<i>PHACTR2</i>	1.75	2.02	-1.15
NM_001628	<i>AKR1B1</i>	1.75	2.18	-1.24
NM_002981	<i>CCL1</i>	1.75	15.21	-8.71
NM_017705	<i>PAQR5</i>	1.75	2.72	-1.56
NM_001040457	<i>RHBDD2</i>	1.75	3.08	-1.76
NM_014059	<i>RGCC</i>	1.74	3.94	-2.26
NM_182705	<i>FAM101B</i>	1.74	4.31	-2.48
NR_073039	<i>MDK</i>	1.73	4.21	-2.43
NM_178452	<i>DNAAF1</i>	1.73	3.34	-1.93
NM_000920	<i>PC</i>	1.73	2.03	-1.17
NM_004878	<i>PTGES</i>	1.72	5.02	-2.92
NM_007237	<i>SP140</i>	1.71	2.29	-1.34
NM_002659	<i>PLAUR</i>	1.71	2.30	-1.35
NR_027237	<i>LOC728743</i>	1.71	2.50	-1.47
NM_001025195	<i>CES1</i>	1.71	7.20	-4.22
NM_006504	<i>PTPRE</i>	1.70	2.22	-1.31
NM_016246	<i>HSD17B14</i>	1.70	2.28	-1.34
NR_027383	<i>AKAP17A</i>	1.69	2.52	-1.49
NM_016951	<i>CKLF</i>	1.69	2.27	-1.34
NM_202001	<i>ERCC1</i>	1.68	2.20	-1.31

NM_145899	<i>HMGA1</i>	1.68	2.20	-1.31
NM_203434	<i>IER5L</i>	1.68	2.55	-1.52
NM_004669	<i>CLIC3</i>	1.68	2.25	-1.35
NM_018660	<i>ZNF395</i>	1.67	-2.00	3.36
NM_001076682	<i>NCAM1</i>	1.67	2.07	-1.24
NM_001024212	<i>S100A13</i>	1.67	3.97	-2.38
NM_002872	<i>RAC2</i>	1.66	4.24	-2.56
NM_015302	<i>HAUS5</i>	1.66	2.11	-1.27
NM_001945	<i>HBEGF</i>	1.65	6.67	-4.03
NM_032521	<i>PARD6B</i>	1.65	2.75	-1.67
NM_007317	<i>KIF22</i>	1.62	2.09	-1.29
NM_001130688	<i>HMGB2</i>	1.62	3.30	-2.04
NM_006866	<i>LILRA2</i>	1.62	2.62	-1.62
NM_001040716	<i>PC</i>	1.61	2.45	-1.52
NM_001135699	<i>YWHAZ</i>	1.61	2.11	-1.31
NM_001100819	<i>MOB4</i>	1.61	-2.25	3.62
NM_198275	<i>MPZL3</i>	1.61	2.70	-1.68
NM_000922	<i>PDE3B</i>	1.60	2.98	-1.86
NR_027157	<i>TMPO-AS1</i>	1.60	2.01	-1.25
NM_001134830	<i>AHI1</i>	1.60	3.87	-2.42
NM_001024809	<i>RARA</i>	1.60	2.33	-1.46
NM_001805	<i>CEBPE</i>	1.60	3.10	-1.94
NM_002990	<i>CCL22</i>	1.60	6.52	-4.08
NM_138434	<i>C7orf29</i>	1.59	3.11	-1.95
NM_053056	<i>CCND1</i>	1.59	2.56	-1.61
NM_006022	<i>TSC22D1</i>	1.59	2.19	-1.38
NM_000606	<i>C8G</i>	1.59	2.47	-1.55
NM_080725	<i>SRXN1</i>	1.59	2.01	-1.27
NM_012216	<i>MID2</i>	1.58	4.46	-2.82
NM_014210	<i>EVI2A</i>	1.58	2.46	-1.56
NM_001136050	<i>DHRS1</i>	1.58	2.16	-1.37
NM_018690	<i>APOBR</i>	1.57	2.83	-1.80
NM_001025159	<i>CD74</i>	1.57	2.20	-1.41
NM_022481	<i>ARAP3</i>	1.56	3.05	-1.95
NM_006599	<i>NFAT5</i>	1.56	2.36	-1.51
NM_152445	<i>FAM161B</i>	1.56	2.22	-1.42
NM_001145426	<i>CSDA</i>	1.56	-2.67	4.17
NM_024761	<i>MOB3B</i>	1.56	2.20	-1.41
NM_004900	<i>APOBEC3B</i>	1.56	3.32	-2.13
NM_178229	<i>IQGAP3</i>	1.55	2.41	-1.55

NM_006404	<i>PROCR</i>	1.55	2.18	-1.41
NM_002738	<i>PRKCB</i>	1.55	2.35	-1.52
NM_172037	<i>RDH10</i>	1.55	2.37	-1.53
NM_000804	<i>FOLR3</i>	1.55	2.62	-1.69
NM_003364	<i>UPP1</i>	1.55	2.21	-1.43
NM_001823	<i>CKB</i>	1.54	2.79	-1.80
NM_004951	<i>GPR183</i>	1.54	-2.12	3.27
NM_197947	<i>CLEC7A</i>	1.53	2.30	-1.51
NM_000103	<i>CYP19A1</i>	1.53	2.68	-1.76
NM_005417	<i>SRC</i>	1.53	2.00	-1.31
NM_002569	<i>FURIN</i>	1.52	2.03	-1.33
NM_002192	<i>INHBA</i>	1.50	3.61	-2.40
NM_138639	<i>BCL2L12</i>	1.50	2.24	-1.49
NM_003749	<i>IRS2</i>	1.50	2.54	-1.69
NM_005498	<i>AP1M2</i>	1.50	5.10	-3.40
NM_000507	<i>FBP1</i>	1.50	5.89	-3.94
NM_003689	<i>AKR7A2</i>	1.49	2.18	-1.46
NM_018944	<i>MIS18A</i>	1.49	2.50	-1.67
NM_004355	<i>CD74</i>	1.49	2.08	-1.39
NM_001817	<i>CEACAM4</i>	1.49	-2.31	3.43
NM_019111.2	<i>HLA-DRA</i>	1.49	2.33	-1.57
NM_145109	<i>MAP2K3</i>	1.48	2.54	-1.71
NM_001947	<i>DUSP7</i>	1.48	2.71	-1.83
NM_004882	<i>CIR1</i>	1.48	2.13	-1.44
NM_004227	<i>CYTH3</i>	1.48	2.41	-1.63
NM_006403	<i>NEDD9</i>	1.48	3.51	-2.38
NM_024832	<i>RIN3</i>	1.47	2.02	-1.38
NR_038386	<i>LOC728537</i>	1.47	2.76	-1.88
NM_002754	<i>MAPK13</i>	1.47	2.10	-1.43
NM_001025194	<i>CES1</i>	1.46	5.81	-3.97
NM_003390	<i>WEE1</i>	1.46	2.70	-1.84
NM_002615	<i>SERPINF1</i>	1.46	-2.14	3.13
NR_028492	<i>CFL1P1</i>	1.46	2.85	-1.95
NM_003887	<i>ASAP2</i>	1.46	3.67	-2.51
NM_015516	<i>TSKU</i>	1.45	6.13	-4.22
NM_001206798	<i>PKM</i>	1.45	2.16	-1.49
NR_003276	<i>CES1P1</i>	1.44	3.15	-2.18
NM_024103	<i>SLC25A23</i>	1.44	2.66	-1.85
NM_001130982	<i>DYSF</i>	1.44	2.16	-1.50
NM_001145290	<i>SLC37A2</i>	1.43	4.68	-3.27

NM_017873	<i>ASB6</i>	1.43	2.01	-1.40
NM_053064	<i>GNG2</i>	1.43	5.02	-3.51
NM_022833	<i>FAM129B</i>	1.43	2.18	-1.53
NM_002125	<i>HLA-DRB5</i>	1.42	2.40	-1.69
NM_015864	<i>FAM65B</i>	1.41	3.14	-2.22
NM_020225	<i>STOX2</i>	1.41	2.41	-1.71
NM_007297	<i>BRCA1</i>	1.41	2.72	-1.93
NM_080548	<i>PTPN6</i>	1.40	2.49	-1.78
NM_001256153	<i>ALOX5</i>	1.40	5.47	-3.90
NM_002124.1	<i>HLA-DRB1</i>	1.40	2.21	-1.58
NM_022047	<i>DEF6</i>	1.40	2.48	-1.77
NM_152362	<i>TNFAIP8L1</i>	1.40	2.25	-1.60
NM_001198525	<i>TCF7L2</i>	1.40	4.73	-3.38
NM_017957	<i>EPN3</i>	1.40	2.06	-1.48
NM_014862	<i>ARNT2</i>	1.40	-4.11	5.74
NM_015104	<i>ATG2A</i>	1.39	2.19	-1.57
NM_001111307	<i>PDE4A</i>	1.39	3.88	-2.79
NM_001040118	<i>ARAP1</i>	1.39	2.17	-1.56
NM_001145033	<i>C11orf96</i>	1.39	-3.97	5.50
NM_000164	<i>GIPR</i>	1.38	4.79	-3.46
NM_032348	<i>MXRA8</i>	1.38	2.08	-1.51
NR_027136	<i>C1orf126</i>	1.38	2.91	-2.11
NM_212535	<i>PRKCB</i>	1.38	2.20	-1.59
NM_001167942	<i>TNFAIP8L1</i>	1.38	2.24	-1.63
NM_001127628	<i>FBP1</i>	1.38	7.40	-5.38
NM_000399	<i>EGR2</i>	1.38	2.70	-1.97
NM_016112	<i>PKD2L1</i>	1.38	2.88	-2.10
NM_020645	<i>NRIP3</i>	1.37	2.02	-1.47
NM_032047	<i>B3GNT5</i>	1.37	2.10	-1.53
NM_021965	<i>PGM5</i>	1.36	3.40	-2.49
NR_027673	<i>ADARB1</i>	1.36	-2.56	3.49
NM_004395	<i>DBN1</i>	1.36	3.43	-2.52
NM_001164540	<i>DISC1</i>	1.36	-2.06	2.80
NM_005231	<i>CTTN</i>	1.36	3.06	-2.26
NM_173214	<i>NFAT5</i>	1.35	2.07	-1.53
NM_002121.4	<i>HLA-DPB1</i>	1.35	2.39	-1.77
NM_018249	<i>CDK5RAP2</i>	1.35	2.13	-1.58
NM_001171	<i>ABCC6</i>	1.35	2.37	-1.76
NM_001248004	<i>ARNTL2</i>	1.35	-2.77	3.73
NM_000218	<i>KCNQ1</i>	1.35	2.85	-2.12

NM_001085465	<i>CTNND1</i>	1.35	2.14	-1.59
NM_080430	<i>SELM</i>	1.35	-2.29	3.08
NM_033554.1	<i>HLA-DPA1</i>	1.34	2.15	-1.60
NM_007057	<i>ZWINT</i>	1.34	3.30	-2.46
NM_001677	<i>ATP1B1</i>	1.33	2.50	-1.88
NM_001256849	<i>POLD1</i>	1.33	2.39	-1.80
NM_003596	<i>TPST1</i>	1.33	-2.89	3.84
NM_000433	<i>NCF2</i>	1.33	2.31	-1.74
NM_003036	<i>SKI</i>	1.32	2.36	-1.78
NR_046386	<i>UHRF2</i>	1.32	-2.23	2.95
NM_007030	<i>TPPP</i>	1.32	3.00	-2.27
NM_015376	<i>RASGRP3</i>	1.32	4.11	-3.11
NM_000067	<i>CA2</i>	1.32	4.90	-3.72
NM_001127398	<i>ERLEC1</i>	1.32	2.77	-2.10
NM_002084	<i>GPX3</i>	1.31	2.71	-2.06
NM_021724	<i>NR1D1</i>	1.31	2.51	-1.91
NM_001166276	<i>ARHGAP25</i>	1.31	3.62	-2.76
NM_032932	<i>RAB11FIP4</i>	1.31	2.71	-2.06
NM_005944	<i>CD200</i>	1.31	-3.17	4.16
NM_001270615	<i>DEDD2</i>	1.31	2.07	-1.58
NM_144635	<i>FAM131A</i>	1.31	2.36	-1.81
NM_003713	<i>PPAP2B</i>	1.31	2.08	-1.59
NM_024659	<i>GTDC1</i>	1.30	-2.45	3.20
NM_017421	<i>COQ3</i>	1.30	2.17	-1.67
NM_001267709	<i>ZNF706</i>	1.30	2.49	-1.91
NR_038111	<i>SNHG16</i>	1.30	2.16	-1.66
NM_001004105	<i>GRK6</i>	1.30	2.14	-1.65
NM_030776	<i>ZBP1</i>	1.29	4.68	-3.61
NM_001035254	<i>FAM102A</i>	1.29	2.28	-1.76
NM_001033555	<i>SPECC1</i>	1.29	2.85	-2.21
NR_027381	<i>RDH13</i>	1.28	2.65	-2.06
NM_175900	<i>C16orf54</i>	1.28	2.53	-1.97
NM_006495	<i>EVI2B</i>	1.28	2.08	-1.62
NM_002998	<i>SDC2</i>	1.28	2.34	-1.83
NM_001190789	<i>NCF2</i>	1.27	2.38	-1.87
NM_001220769	<i>IKZF1</i>	1.27	-2.00	2.54
NM_015627	<i>LDLRAP1</i>	1.27	2.05	-1.62
NM_145655	<i>GCNT2</i>	1.26	2.15	-1.70
NM_001271629	<i>MEF2D</i>	1.26	2.13	-1.68
NM_021070	<i>LTBP3</i>	1.26	3.59	-2.84

NM_002118.5	<i>HLA-DMB</i>	1.26	2.80	-2.23
NM_198044	<i>ZDHHC16</i>	1.26	-2.49	3.13
NM_001142928	<i>LRRC61</i>	1.25	2.08	-1.67
NM_001040217	<i>FAM63A</i>	1.25	2.12	-1.70
NM_001193484	<i>LIMS1</i>	1.25	2.02	-1.62
NM_001100624	<i>CENPN</i>	1.25	2.82	-2.27
NM_021224	<i>ZNF462</i>	1.25	-3.06	3.82
NM_016183	<i>MRT04</i>	1.24	2.15	-1.73
NM_001190267	<i>ATG16L1</i>	1.24	-2.03	2.52
NM_020786	<i>PDP2</i>	1.24	2.43	-1.96
NM_001204108	<i>BCL2L11</i>	1.24	-2.76	3.42
NM_006456	<i>ST6GALNAC2</i>	1.24	2.64	-2.13
NM_177551	<i>HCAR2</i>	1.24	4.04	-3.27
NM_001242525.3	<i>HLA-DPA1</i>	1.24	2.14	-1.73
NR_015421	<i>LOC154761</i>	1.23	-4.14	5.09
NM_145263	<i>SPATA18</i>	1.23	2.77	-2.26
NM_133463	<i>AMZ1</i>	1.23	2.46	-2.01
NM_001266	<i>CES1</i>	1.22	5.35	-4.38
NM_002115	<i>HK3</i>	1.22	2.36	-1.93
NM_003955	<i>SOCS3</i>	1.22	-2.21	2.69
NM_001085464	<i>CTNND1</i>	1.22	2.21	-1.81
NM_001085463	<i>CTNND1</i>	1.21	2.30	-1.90
NR_051978	<i>TBC1D2</i>	1.21	2.38	-1.97
NM_001109974	<i>SYNPO</i>	1.21	-4.95	5.99
NR_052852	<i>MARCKSL1</i>	1.21	-2.45	2.96
NM_001206886	<i>CTNND1</i>	1.21	2.22	-1.84
NM_018843	<i>SLC25A40</i>	1.21	2.17	-1.80
NM_182898	<i>CREB5</i>	1.20	2.19	-1.82
NM_198595	<i>AFAP1</i>	1.20	-2.29	2.75
NM_001171088	<i>CLCN2</i>	1.20	2.84	-2.37
NR_047545	<i>LMNA</i>	1.19	2.33	-1.95
NM_001130420	<i>SMARCC2</i>	1.19	-2.16	2.58
NM_000638	<i>VTN</i>	1.19	-2.48	2.95
NM_033334	<i>NR6A1</i>	1.19	-2.89	3.44
NM_001206883	<i>CTNND1</i>	1.19	2.36	-1.99
NM_205842	<i>NCKAP1</i>	1.18	3.13	-2.64
NM_001270941	<i>JAKMIP2</i>	1.18	4.29	-3.64
NM_133261	<i>GIPC3</i>	1.17	2.77	-2.36
NM_001193523	<i>FAM65A</i>	1.17	2.10	-1.80
NM_181597	<i>UPP1</i>	1.17	2.11	-1.81

NM_022304	<i>HRH2</i>	1.16	-2.95	3.44
NM_006869	<i>ADAP1</i>	1.16	2.29	-1.98
NM_003214	<i>TEAD3</i>	1.16	4.53	-3.91
NM_213636	<i>PDLIM7</i>	1.16	2.71	-2.34
NM_001012968	<i>SPIN4</i>	1.16	2.85	-2.46
NR_003187	<i>NCF1C</i>	1.16	2.10	-1.82
NM_020443	<i>NAV1</i>	1.15	-2.53	2.92
NR_046336	<i>FAM193A</i>	1.15	-2.86	3.29
NM_012201	<i>GLG1</i>	1.14	-2.89	3.31
NM_005110	<i>GFPT2</i>	1.14	-6.72	7.66
NM_001878	<i>CRABP2</i>	1.14	7.56	-6.64
NM_004417	<i>DUSP1</i>	1.13	-2.10	2.38
NM_033254	<i>BOC</i>	1.13	-2.61	2.95
NM_203352	<i>PDLIM7</i>	1.13	2.51	-2.22
NM_001166271	<i>SPATA13</i>	1.13	4.49	-3.97
NM_001127651	<i>NCF2</i>	1.13	2.67	-2.36
NM_001145642	<i>KIAA0226</i>	1.13	2.28	-2.02
NM_002119.6	<i>HLA-DOA</i>	1.12	3.01	-2.69
NM_000239	<i>LYZ</i>	1.12	2.49	-2.23
NM_000265	<i>NCF1</i>	1.12	2.18	-1.96
NM_021922	<i>FANCE</i>	1.12	3.23	-2.89
NM_001033053	<i>NLRP1</i>	1.11	2.45	-2.20
NR_037669	<i>GGCT</i>	1.11	-2.43	2.69
NM_001256370	<i>SAMSN1</i>	1.11	-4.24	4.71
NM_014790	<i>JAKMIP2</i>	1.11	2.85	-2.57
NM_020219	<i>CEACAM19</i>	1.11	-2.65	2.94
NR_027118	<i>INHBA-AS1</i>	1.10	2.46	-2.23
NM_002914	<i>RFC2</i>	1.10	-2.50	2.73
NM_015316	<i>PPP1R13B</i>	1.09	2.50	-2.29
NM_171825	<i>CAMK2A</i>	1.08	-3.69	4.00
NM_003612	<i>SEMA7A</i>	1.08	4.41	-4.07
NM_001190794	<i>NCF2</i>	1.08	2.17	-2.01
NM_032855	<i>HSH2D</i>	1.08	2.11	-1.96
NM_006287	<i>TFPI</i>	1.07	-2.37	2.54
NM_001253837	<i>PKD2L1</i>	1.07	2.05	-1.91
NM_001080855	<i>PXN</i>	1.07	2.33	-2.18
NR_033842	<i>TMEM72-AS1</i>	1.07	-2.20	2.35
NM_000698	<i>ALOX5</i>	1.07	5.91	-5.54
NM_005451	<i>PDLIM7</i>	1.06	2.65	-2.49
NM_001270467	<i>SOCS2</i>	1.06	-3.75	3.97

NM_001171816	<i>RNF166</i>	1.06	2.07	-1.96
NM_032784	<i>RSPO3</i>	1.05	3.14	-2.98
NM_001197293	<i>DPYSL2</i>	1.05	-2.46	2.59
NM_001629	<i>ALOX5AP</i>	1.05	9.70	-9.26
NM_001135769	<i>PVR</i>	1.05	-2.54	2.66
NM_012413	<i>QPCT</i>	1.04	3.69	-3.53
NM_016518	<i>PIPOX</i>	1.04	3.56	-3.42
NM_001060	<i>TBXA2R</i>	1.03	2.48	-2.40
NM_001261414	<i>SOX5</i>	1.03	-3.42	3.53
NM_199070	<i>NDUFAF3</i>	1.03	-2.06	2.12
NM_138360	<i>LRRC16B</i>	1.03	3.88	-3.77
NM_001127244	<i>LRRC8A</i>	1.03	2.38	-2.31
NM_001725	<i>BPI</i>	1.03	2.91	-2.83
NM_001010855	<i>PIK3R6</i>	1.02	2.21	-2.15
NM_007021	<i>C10orf10</i>	1.02	-2.27	2.33
NM_001172699	<i>PPARGC1B</i>	1.02	2.62	-2.56
NM_005114	<i>HS3ST1</i>	1.02	-4.88	4.99
NM_006095	<i>ATP8A1</i>	1.02	-2.10	2.15
NM_173505	<i>ANKRD29</i>	1.01	2.13	-2.10
NM_001257281	<i>DIS3L2</i>	1.01	-2.33	2.36
NM_002610	<i>PDK1</i>	1.01	-2.24	2.26
NM_001135770	<i>PVR</i>	1.01	-2.35	2.37
NM_022136	<i>SAMSN1</i>	1.01	-2.67	2.70
NM_001267595	<i>SENP1</i>	1.01	-2.09	2.12
NM_181866	<i>ACOT7</i>	1.00	3.17	-3.16
NM_003890	<i>FCGBP</i>	1.00	-5.73	5.73
NM_182932	<i>SLC8A3</i>	1.00	-5.46	5.46
NM_005562	<i>LAMC2</i>	1.00	-4.69	4.69
NM_003064	<i>SLPI</i>	1.00	-4.09	4.09
NM_012153	<i>EHF</i>	1.00	-3.63	3.63
NM_004198	<i>CHRNA6</i>	1.00	-3.61	3.61
NM_003116	<i>SPAG4</i>	1.00	-2.88	2.88
NR_026656	<i>LOC400043</i>	1.00	-2.70	2.70
NM_052934	<i>SLC26A9</i>	1.00	-2.66	2.66
NM_001142480	<i>NREP</i>	1.00	-2.02	2.02
NM_001254952.1	<i>ATAT1</i>	-1.00	-2.41	2.41
NM_007144	<i>PCGF2</i>	-1.00	2.33	-2.34
NM_003118	<i>SPARC</i>	-1.01	2.34	-2.36
NM_015831	<i>ACHE</i>	-1.01	-6.00	5.94
NM_001177306	<i>PAM</i>	-1.01	-3.42	3.38

NM_004566	<i>PFKFB3</i>	-1.02	-4.39	4.32
NM_001098526	<i>AMICA1</i>	-1.02	2.27	-2.31
NM_006399	<i>BATF</i>	-1.02	-2.71	2.65
NM_013227	<i>ACAN</i>	-1.03	-2.72	2.65
NM_006343	<i>MERTK</i>	-1.03	-2.08	2.02
NM_001257291	<i>SLC9A7</i>	-1.03	2.48	-2.55
NM_181351	<i>NCAM1</i>	-1.03	3.25	-3.35
NM_003629	<i>PIK3R3</i>	-1.03	2.04	-2.10
NM_015981	<i>CAMK2A</i>	-1.03	-2.13	2.06
NM_012118	<i>CCRN4L</i>	-1.04	-2.18	2.10
NM_001199037	<i>SERINC2</i>	-1.04	2.23	-2.32
NM_001025239	<i>TSPAN4</i>	-1.05	-2.14	2.05
NM_004272	<i>HOMER1</i>	-1.05	2.03	-2.13
NM_138495	<i>ATXN7L1</i>	-1.05	-3.88	3.68
NM_006862	<i>TDRKH</i>	-1.05	-2.68	2.55
NM_000930	<i>PLAT</i>	-1.05	-5.44	5.16
NM_002185	<i>IL7R</i>	-1.06	-3.35	3.17
NM_001127596	<i>FCGR3A</i>	-1.06	-2.32	2.20
NM_138463	<i>TLCD1</i>	-1.06	-2.04	1.93
NM_005165	<i>ALDOC</i>	-1.06	-2.67	2.52
NM_018646	<i>TRPV6</i>	-1.06	-2.04	1.92
NM_198471	<i>KANK3</i>	-1.06	2.12	-2.25
NM_033006	<i>NLRP1</i>	-1.06	2.46	-2.62
NR_002186	<i>DKFZP586I142</i>	-1.07	-2.34	2.18
NM_001174066	<i>FGFR1</i>	-1.07	2.25	-2.41
NM_002828	<i>PTPN2</i>	-1.07	-2.44	2.28
NM_001025252	<i>TPD52</i>	-1.08	-4.00	3.69
NM_003651	<i>CSDA</i>	-1.08	-2.04	1.88
NM_173797	<i>PAPD4</i>	-1.08	-5.01	4.62
NM_014858	<i>TMCC2</i>	-1.09	-10.03	9.22
NM_032154	<i>PCGF6</i>	-1.09	2.06	-2.25
NM_004139	<i>LBP</i>	-1.10	-9.25	8.37
NM_002210	<i>ITGAV</i>	-1.11	-2.47	2.22
NM_002543	<i>OLR1</i>	-1.12	6.29	-7.01
NM_001270473	<i>CENPN</i>	-1.12	2.36	-2.63
NM_182493	<i>MYLK3</i>	-1.12	-3.25	2.90
NR_027716	<i>H2AFJ</i>	-1.12	-2.63	2.34
NR_024621	<i>C11orf21</i>	-1.13	2.44	-2.75
NM_002318	<i>LOXL2</i>	-1.13	-2.78	2.47
NM_000891	<i>KCNJ2</i>	-1.13	-2.63	2.33

NM_001267822	<i>ZMYND15</i>	-1.13	2.28	-2.57
NM_001145000	<i>ITGAV</i>	-1.13	-2.99	2.64
NM_152342	<i>CDYL2</i>	-1.13	-2.55	2.25
NM_014344	<i>FJX1</i>	-1.13	-2.10	1.85
NM_001256579	<i>LOC388813</i>	-1.13	-4.31	3.80
NR_040079	<i>LOC399715</i>	-1.13	-2.82	2.49
NM_001459	<i>FLT3LG</i>	-1.13	-3.09	2.72
NM_206824	<i>VKORC1</i>	-1.14	-3.46	3.04
NM_004052	<i>BNIP3</i>	-1.14	-4.55	4.00
NM_001244701	<i>ZFP36L1</i>	-1.14	-2.57	2.26
NM_001145305	<i>KIAA1683</i>	-1.14	-2.29	2.01
NM_002885	<i>RAP1GAP</i>	-1.14	2.86	-3.28
NM_002196	<i>INSM1</i>	-1.15	-2.83	2.46
NM_001254738	<i>RND3</i>	-1.15	-4.33	3.76
NM_015259	<i>ICOSLG</i>	-1.16	3.19	-3.69
NM_001131055	<i>HRH2</i>	-1.16	-8.01	6.88
NR_027011	<i>CSDAP1</i>	-1.16	-2.17	1.86
NM_001242877	<i>ELP2</i>	-1.17	-3.34	2.87
NM_001271007	<i>STRA13</i>	-1.17	-2.70	2.32
NM_001080976	<i>DSE</i>	-1.17	-2.18	1.86
NM_001256154	<i>ALOX5</i>	-1.17	4.05	-4.74
NM_133631	<i>ROBO1</i>	-1.17	-6.32	5.40
NM_001173488	<i>NKRF</i>	-1.17	-2.62	2.24
NM_001040655	<i>TTC23</i>	-1.17	2.88	-3.37
NM_020717	<i>SHROOM4</i>	-1.17	2.45	-2.88
NM_001145903.1	<i>C2</i>	-1.17	-2.15	1.83
NM_153259	<i>MCOLN2</i>	-1.18	-2.03	1.73
NR_026589	<i>WHAMMP2</i>	-1.18	-2.34	1.99
NM_001710	<i>CFB</i>	-1.18	-2.09	1.78
NM_020704	<i>STRIP2</i>	-1.18	-3.25	2.75
NM_001165	<i>BIRC3</i>	-1.18	-2.69	2.27
NM_001167985	<i>INCA1</i>	-1.18	-2.42	2.05
NR_026859	<i>ULK4P3</i>	-1.19	-2.28	1.92
NM_012334	<i>MYO10</i>	-1.19	-3.27	2.75
NM_175052	<i>ST8SIA4</i>	-1.19	-2.29	1.93
NM_001199887	<i>IL7</i>	-1.19	-2.72	2.28
NM_003775	<i>S1PR4</i>	-1.19	2.22	-2.64
NM_003812	<i>ADAM23</i>	-1.19	-3.48	2.92
NM_001759	<i>CCND2</i>	-1.20	3.87	-4.63
NM_000651	<i>CR1</i>	-1.20	-5.82	4.85

NM_001164234	<i>DDHD2</i>	-1.20	-2.08	1.73
NR_072980	<i>NIM1</i>	-1.20	-2.18	1.81
NM_003485	<i>GPR68</i>	-1.21	3.16	-3.81
NM_001001547	<i>CD36</i>	-1.21	-3.18	2.63
NM_001040668	<i>BCL2L12</i>	-1.21	-3.08	2.54
NM_001170631	<i>FCAMR</i>	-1.21	-15.66	12.91
NM_002356	<i>MARCKS</i>	-1.22	-2.34	1.91
NM_145172	<i>WDR63</i>	-1.22	-2.38	1.95
NM_001161357	<i>FCHO1</i>	-1.23	2.08	-2.55
NM_001172509	<i>SATB2</i>	-1.23	-2.52	2.05
NM_033211	<i>C5orf30</i>	-1.23	-2.07	1.69
NM_005512	<i>LRRC32</i>	-1.23	2.65	-3.26
NR_038902	<i>JAKMIP2-AS1</i>	-1.23	2.56	-3.15
NR_028050	<i>MTERFD2</i>	-1.23	-3.20	2.60
NM_181726	<i>ANKRD37</i>	-1.24	-3.48	2.82
NM_001164469	<i>TMED7-</i>	-1.24	-2.20	1.77
NM_014945	<i>ABLIM3</i>	-1.25	-3.27	2.62
NM_014883	<i>FAM13A</i>	-1.25	-2.21	1.77
NM_001243778	<i>FAM213A</i>	-1.25	2.28	-2.85
NM_080625	<i>CCM2L</i>	-1.25	-3.84	3.08
NM_147187	<i>TNFRSF10B</i>	-1.25	-2.07	1.65
NM_001171159	<i>SIGLEC10</i>	-1.25	-2.19	1.74
NM_206954	<i>PRAME</i>	-1.25	-3.37	2.69
NM_181655	<i>C17orf58</i>	-1.26	-2.87	2.28
NM_057180	<i>VPS29</i>	-1.26	-2.33	1.85
NM_001024946	<i>ASL</i>	-1.27	-5.25	4.15
NM_003560	<i>PLA2G6</i>	-1.28	-2.16	1.69
NM_001198689	<i>LEPR</i>	-1.28	-2.11	1.65
NM_000665	<i>ACHE</i>	-1.28	-12.39	9.66
NM_021958	<i>HLX</i>	-1.28	-2.44	1.90
NM_006092	<i>NOD1</i>	-1.29	-2.36	1.84
NM_130384	<i>ATRIP</i>	-1.29	-2.24	1.74
NM_018565	<i>SERINC2</i>	-1.29	4.22	-5.45
NM_007173	<i>PRSS23</i>	-1.29	-2.82	2.19
NM_006955	<i>ZNF33B</i>	-1.29	-2.04	1.58
NM_001165414	<i>LDHA</i>	-1.29	-2.46	1.90
NM_001142483	<i>NREP</i>	-1.29	-2.28	1.76
NM_006505	<i>PVR</i>	-1.29	-2.76	2.13
NM_000875	<i>IGF1R</i>	-1.30	-2.05	1.59
NM_014824	<i>FCHSD2</i>	-1.30	-2.18	1.67

NM_013276	<i>SHPK</i>	-1.30	2.21	-2.88
NM_153634	<i>CPNE8</i>	-1.30	-2.04	1.57
NM_001100117	<i>RIMS2</i>	-1.30	-2.98	2.29
NM_139022	<i>TSPAN32</i>	-1.30	2.19	-2.85
NM_001145658	<i>RAP1GAP</i>	-1.30	3.21	-4.18
NM_000020	<i>ACVRL1</i>	-1.31	2.20	-2.89
NM_153746	<i>ZDHHC14</i>	-1.31	-2.06	1.57
NM_014791	<i>MELK</i>	-1.31	-2.76	2.10
NM_001035005	<i>C18orf32</i>	-1.32	-2.15	1.63
NM_001184717	<i>TIPARP</i>	-1.33	-3.03	2.28
NM_030668	<i>PTPRO</i>	-1.33	-2.07	1.55
NM_032148	<i>SLC41A2</i>	-1.33	-2.12	1.59
NM_007222	<i>ZHX1</i>	-1.34	-2.34	1.75
NM_002424	<i>MMP8</i>	-1.34	-3.50	2.61
NR_040086	<i>SETD4</i>	-1.34	2.16	-2.90
NM_001206609	<i>SELPLG</i>	-1.35	-2.25	1.67
NR_026806	<i>FLJ13224</i>	-1.35	-2.03	1.51
NM_000088	<i>COL1A1</i>	-1.35	-3.98	2.95
NM_147128	<i>ZNRF2</i>	-1.35	-3.06	2.27
NM_001207013	<i>PTPN2</i>	-1.35	-3.80	2.81
NM_203288	<i>RP9</i>	-1.35	-2.20	1.63
NM_004099	<i>STOM</i>	-1.35	-2.24	1.65
NM_207360	<i>ZC3H12D</i>	-1.36	-2.12	1.57
NM_001466	<i>FZD2</i>	-1.36	-3.26	2.40
NR_047701	<i>COA1</i>	-1.36	-2.41	1.77
NM_144683	<i>DHRS13</i>	-1.36	-3.20	2.35
NM_005668	<i>ST8SIA4</i>	-1.36	-2.66	1.95
NR_038863	<i>LOC285758</i>	-1.37	-4.48	3.28
NM_005715	<i>UST</i>	-1.37	-2.19	1.60
NR_003334	<i>SNORD116-20</i>	-1.37	-2.01	1.47
NR_002980	<i>SNORA50</i>	-1.38	-2.28	1.66
NM_005090	<i>JMJD7-</i>	-1.38	-2.38	1.73
NM_003006	<i>SELPLG</i>	-1.38	-2.19	1.58
NM_194278	<i>ELMSAN1</i>	-1.38	-2.03	1.47
NM_000712	<i>BLVRA</i>	-1.38	-2.30	1.66
NM_138636	<i>TLR8</i>	-1.39	-2.06	1.48
NM_021991	<i>JUP</i>	-1.40	2.14	-2.99
NM_001112800	<i>SLC8A1</i>	-1.40	-2.17	1.55
NR_040101	<i>KLHDC3</i>	-1.41	-2.25	1.60
NM_001134707	<i>SARDH</i>	-1.41	3.63	-5.10

NM_025263.1	<i>PRR3</i>	-1.41	-2.48	1.76
NM_021097	<i>SLC8A1</i>	-1.41	-2.16	1.54
NM_153235	<i>TXLNB</i>	-1.41	-2.00	1.42
NM_199436	<i>SPAST</i>	-1.41	-2.48	1.75
NM_032023	<i>RASSF4</i>	-1.41	-3.61	2.55
NM_016108	<i>AIG1</i>	-1.41	-2.74	1.94
NM_001128210	<i>SPRED2</i>	-1.42	-3.35	2.36
NM_032143	<i>ZRANB3</i>	-1.42	-2.16	1.52
NM_001261829	<i>MINA</i>	-1.43	2.48	-3.55
NR_002983	<i>SNORA55</i>	-1.44	-2.43	1.69
NR_024110	<i>SBDSP1</i>	-1.44	-2.42	1.68
NM_203463	<i>CERS6</i>	-1.44	-2.83	1.96
NR_000005	<i>SNORD15A</i>	-1.45	-2.26	1.56
NM_006206	<i>PDGFRA</i>	-1.45	-2.37	1.63
NM_012329	<i>MMD</i>	-1.45	-2.30	1.58
NM_001207019	<i>FCER2</i>	-1.46	2.90	-4.23
NM_007261	<i>CD300A</i>	-1.46	-2.67	1.82
NR_038123	<i>PSMA3</i>	-1.47	-2.75	1.87
NM_005099	<i>ADAMTS4</i>	-1.47	-35.27	23.95
NM_015869	<i>PPARG</i>	-1.48	2.22	-3.29
NM_005688	<i>ABCC5</i>	-1.48	-2.11	1.42
NM_020845	<i>PITPNM2</i>	-1.48	-2.79	1.88
NM_004332	<i>BPHL</i>	-1.49	-2.52	1.70
NM_002060	<i>GJA4</i>	-1.49	-5.54	3.73
NM_001127700	<i>SERPINA1</i>	-1.49	-2.53	1.69
NM_001040659	<i>TTC23</i>	-1.50	-3.17	2.10
NR_003697	<i>SNHG15</i>	-1.52	-2.68	1.77
NM_001039660	<i>IL18BP</i>	-1.52	-2.21	1.46
NR_038304	<i>LOC100505702</i>	-1.52	-3.24	2.13
NM_001001391	<i>CD44</i>	-1.52	-2.12	1.39
NM_001242638	<i>IL31RA</i>	-1.52	-3.15	2.07
NM_025239	<i>PDCD1LG2</i>	-1.53	-2.34	1.53
NM_020179	<i>C11orf75</i>	-1.53	-2.05	1.34
NM_003632	<i>CNTNAP1</i>	-1.53	-2.58	1.69
NM_201436	<i>H2AFV</i>	-1.53	-3.99	2.60
NM_001114395	<i>CNTLN</i>	-1.54	-2.80	1.82
NM_001003679	<i>LEPR</i>	-1.55	-2.38	1.54
NR_003079	<i>SNORD111</i>	-1.57	-2.72	1.73
NM_001168241	<i>GAREML</i>	-1.57	-2.10	1.33
NM_001201362	<i>HMGN3</i>	-1.58	-2.04	1.30

NM_178562	<i>TSPAN33</i>	-1.58	-3.68	2.32
NM_000643	<i>AGL</i>	-1.58	-2.05	1.30
NM_003655	<i>CBX4</i>	-1.59	-2.70	1.70
NR_024405	<i>LOC730101</i>	-1.59	-2.61	1.65
NM_172002	<i>HSCB</i>	-1.59	-2.14	1.35
NM_080422	<i>PTPN2</i>	-1.59	-3.13	1.97
NM_002987	<i>CCL17</i>	-1.59	-5.50	3.45
NM_004192	<i>ASMTL</i>	-1.59	-2.62	1.65
NM_000789	<i>ACE</i>	-1.60	2.57	-4.10
NM_001167604	<i>XPNPEP1</i>	-1.61	-2.05	1.28
NM_001193657	<i>C17orf62</i>	-1.61	-2.56	1.59
NM_001723	<i>DST</i>	-1.61	-2.46	1.52
NM_001244897	<i>PTBP3</i>	-1.62	-2.13	1.31
NM_030958	<i>SLCO5A1</i>	-1.62	-2.94	1.82
NM_023009	<i>MARCKSL1</i>	-1.62	-3.78	2.33
NM_001010917	<i>GOLGA7B</i>	-1.62	-2.47	1.52
NM_001031711	<i>ERGIC1</i>	-1.62	-2.37	1.46
NM_007270	<i>FKBP9</i>	-1.62	-2.10	1.29
NM_001242370	<i>CACFD1</i>	-1.63	-2.31	1.42
NR_045690	<i>C19orf12</i>	-1.63	-2.51	1.55
NM_014333	<i>CADM1</i>	-1.63	-2.67	1.64
NM_001080824	<i>TRABD2A</i>	-1.63	2.90	-4.73
NM_003195	<i>TCEA2</i>	-1.63	-2.00	1.23
NM_001637	<i>AOAH</i>	-1.64	-2.92	1.79
NM_001018037	<i>VPS13A</i>	-1.64	-2.20	1.34
NM_152904	<i>SPECC1</i>	-1.64	-4.05	2.47
NM_052818	<i>N4BP2L1</i>	-1.65	-2.54	1.54
NM_006202	<i>PDE4A</i>	-1.65	2.06	-3.39
NM_015957	<i>APIP</i>	-1.65	-2.05	1.24
NM_000240	<i>MAOA</i>	-1.66	-16.58	10.01
NM_002390	<i>ADAM11</i>	-1.66	-3.76	2.27
NM_001144999	<i>ITGAV</i>	-1.66	-3.53	2.13
NM_001174152	<i>RABEPK</i>	-1.66	-4.46	2.68
NM_015675	<i>GADD45B</i>	-1.66	-2.00	1.21
NM_006829	<i>C10orf116</i>	-1.67	-3.28	1.97
NM_001386	<i>DPYSL2</i>	-1.67	-2.52	1.51
NM_001033553	<i>SPECC1</i>	-1.67	-2.38	1.42
NM_001037442	<i>RUFY3</i>	-1.67	-2.12	1.26
NM_004466	<i>GPC5</i>	-1.67	-2.93	1.75
NM_176894	<i>P2RY13</i>	-1.68	-7.60	4.52

NM_001145515	<i>SCRN1</i>	-1.68	-3.50	2.08
NM_004273	<i>CHST3</i>	-1.68	2.65	-4.45
NR_003331	<i>SNORD116-16</i>	-1.68	-3.28	1.94
NM_001009944	<i>PKD1</i>	-1.69	-2.14	1.27
NM_017923	<i>1-Mar</i>	-1.69	-4.53	2.68
NM_173653	<i>SLC9A9</i>	-1.69	-2.63	1.55
NM_001243247	<i>NPRL3</i>	-1.69	-2.24	1.32
NR_037918	<i>PRH1-PRR4</i>	-1.70	-2.11	1.24
NR_028371	<i>FAS-AS1</i>	-1.70	-2.48	1.46
NM_001242925	<i>TMCC2</i>	-1.70	-11.70	6.88
NM_001142573	<i>IMPDH1</i>	-1.70	-3.07	1.80
NM_001110514	<i>EBF4</i>	-1.70	-8.77	5.15
NM_173607	<i>FAM177A1</i>	-1.70	-2.09	1.23
NM_005655	<i>KLF10</i>	-1.71	-2.01	1.18
NM_001010919	<i>FAM26F</i>	-1.71	-3.71	2.17
NM_139047	<i>MAPK8</i>	-1.72	-2.64	1.54
NM_001173540	<i>BANP</i>	-1.72	2.02	-3.47
NM_173206	<i>PIAS2</i>	-1.72	-2.05	1.19
NM_003730	<i>RNASET2</i>	-1.73	-2.53	1.47
NM_001112801	<i>SLC8A1</i>	-1.73	-2.30	1.33
NM_001099625	<i>MTFR1L</i>	-1.73	-2.05	1.18
NM_002751	<i>MAPK11</i>	-1.73	-2.57	1.49
NR_003336	<i>SNORD116-22</i>	-1.73	-2.99	1.73
NR_003318	<i>SNORD116-3</i>	-1.73	-2.44	1.41
NR_003324	<i>SNORD116-9</i>	-1.73	-2.44	1.41
NM_001256126	<i>CERS6</i>	-1.74	-3.57	2.06
NM_001193646	<i>ATF5</i>	-1.75	-2.10	1.21
NM_001146289	<i>LEPRE1</i>	-1.75	-2.08	1.19
NM_001128913	<i>PCBP2</i>	-1.75	-2.47	1.41
NM_001924	<i>GADD45A</i>	-1.75	-5.32	3.04
NM_003877	<i>SOCS2</i>	-1.75	-5.65	3.22
NM_001243439	<i>SPECC1</i>	-1.76	-2.59	1.47
NM_001195227	<i>TRPM4</i>	-1.76	-2.16	1.23
NR_049764	<i>FBXO28</i>	-1.76	2.83	-4.98
NM_001135662	<i>RAB7L1</i>	-1.77	-2.50	1.41
NR_038843	<i>GOLGA8S</i>	-1.77	-2.38	1.34
NR_003521	<i>WHAMMP3</i>	-1.77	-2.78	1.57
NM_001252624	<i>SLC8A1</i>	-1.78	-2.30	1.30
NM_032898	<i>CEP19</i>	-1.78	-2.50	1.41
NM_001243351	<i>NUB1</i>	-1.78	-2.27	1.28

NR_033933	<i>GOLGA8T</i>	-1.79	-2.31	1.30
NM_001289	<i>CLIC2</i>	-1.79	-2.93	1.64
NM_001127443	<i>CD36</i>	-1.79	-6.34	3.55
NM_014395	<i>DAPP1</i>	-1.79	-3.09	1.72
NM_021903.4	<i>GABBR1</i>	-1.80	-2.18	1.21
NM_018224	<i>COA1</i>	-1.81	-3.16	1.75
NM_006985	<i>NPIP</i>	-1.81	-2.16	1.19
NM_018927	<i>PCDHGB7</i>	-1.81	-2.68	1.48
NM_001001548	<i>CD36</i>	-1.82	-4.75	2.62
NM_172160	<i>KCNAB1</i>	-1.82	-2.15	1.18
NM_144590	<i>ANKRD22</i>	-1.82	-2.67	1.47
NM_004710	<i>SYNGR2</i>	-1.83	-2.24	1.22
NM_002969	<i>MAPK12</i>	-1.83	-2.35	1.28
NM_001270471	<i>SOCS2</i>	-1.84	-9.48	5.16
NM_014961	<i>RUFY3</i>	-1.84	-2.41	1.31
NM_173042	<i>IL18BP</i>	-1.84	-2.62	1.42
NM_001171156	<i>SIGLEC10</i>	-1.84	-2.48	1.35
NM_001204450	<i>CCPG1</i>	-1.85	-2.07	1.12
NM_194328	<i>RNF38</i>	-1.85	-2.06	1.11
NM_001135239	<i>LDHA</i>	-1.85	-3.33	1.80
NM_001540	<i>HSPB1</i>	-1.85	-2.25	1.22
NM_016118	<i>NUB1</i>	-1.85	-2.30	1.24
NR_046478	<i>FKBP14</i>	-1.86	-4.20	2.26
NM_001135161	<i>COMT</i>	-1.87	-2.28	1.22
NM_004086	<i>COCH</i>	-1.89	-3.33	1.76
NM_138799	<i>MBOAT2</i>	-1.89	-3.39	1.79
NM_001261441	<i>EXTL2</i>	-1.90	-2.48	1.30
NR_003317	<i>SNORD116-2</i>	-1.91	-2.29	1.20
NM_021111	<i>RECK</i>	-1.91	-2.12	1.11
NM_021129	<i>PPA1</i>	-1.92	-5.81	3.02
NM_002349	<i>LY75</i>	-1.93	-2.37	1.23
NM_003644	<i>GAS7</i>	-1.94	-2.40	1.24
NM_001258207	<i>VAV1</i>	-1.94	-3.14	1.62
NM_001126118	<i>TP53</i>	-1.95	-5.08	2.60
NM_173664	<i>ARL10</i>	-1.96	-2.68	1.37
NM_002404	<i>MFAP4</i>	-1.96	-2.06	1.05
NM_198572	<i>SPATC1</i>	-1.97	-4.16	2.12
NM_004560	<i>ROR2</i>	-1.97	-2.75	1.39
NM_001177506	<i>AOAH</i>	-1.97	-3.76	1.91
NM_005962	<i>MXI1</i>	-1.98	-5.12	2.59

NM_020739	<i>CCPG1</i>	-1.98	-2.31	1.17
NM_017738	<i>CNTLN</i>	-1.98	-2.46	1.24
NM_001123383	<i>BCOR</i>	-1.98	-2.58	1.30
NM_005755	<i>EBI3</i>	-1.98	-3.18	1.60
NM_000958	<i>PTGER4</i>	-1.99	-2.31	1.16
NM_001024943	<i>ASL</i>	-1.99	-2.55	1.28
NM_000296	<i>PKD1</i>	-1.99	-2.74	1.38
NM_001042410	<i>ANKZF1</i>	-2.00	-4.17	2.09
NM_001207049	<i>BACE1</i>	-2.00	-2.34	1.17
NM_005170	<i>ASCL2</i>	-2.00	-1.52	-1.32
NM_152400	<i>C4orf32</i>	-2.00	-2.01	1.00
NM_001009933	<i>DNASE1L1</i>	-2.01	-1.99	-1.01
NR_003323	<i>SNORD116-8</i>	-2.01	-2.28	1.14
NM_001552	<i>IGFBP4</i>	-2.01	-1.23	-1.63
NM_020142	<i>NDUFA4L2</i>	-2.01	-2.10	1.05
NM_000962	<i>PTGS1</i>	-2.01	-1.22	-1.65
NM_001103167	<i>ZGLP1</i>	-2.01	-1.77	-1.14
NM_024490	<i>ATP10A</i>	-2.01	-2.19	1.09
NM_001256394	<i>NOL8</i>	-2.01	-2.02	1.00
NM_015548	<i>DST</i>	-2.01	-2.85	1.41
NM_001172412	<i>VANGL1</i>	-2.01	-1.87	-1.08
NM_003045	<i>SLC7A1</i>	-2.01	-1.94	-1.04
NM_001170931	<i>FOXO4</i>	-2.02	1.18	-2.38
NM_173657	<i>C3orf33</i>	-2.02	-1.23	-1.64
NM_001025235	<i>TSPAN4</i>	-2.02	-3.62	1.79
NM_001112802	<i>SLC8A1</i>	-2.02	-2.48	1.23
NM_152989	<i>SOX5</i>	-2.02	-5.37	2.66
NR_024117.1	<i>MSTO2P</i>	-2.02	-1.76	-1.15
NM_014666	<i>CLINT1</i>	-2.03	-1.46	-1.38
NR_003337	<i>SNORD116-23</i>	-2.03	-2.64	1.30
NM_007286	<i>SYNPO</i>	-2.03	-9.96	4.90
NM_015517	<i>HINFP</i>	-2.03	-2.22	1.09
NM_018649	<i>H2AFY2</i>	-2.04	-2.44	1.20
NM_004529	<i>MLLT3</i>	-2.05	-3.98	1.94
NM_201612	<i>IKBIP</i>	-2.05	-3.20	1.56
NM_024296	<i>CCDC28B</i>	-2.05	-2.17	1.06
NR_002936	<i>TOB2P1</i>	-2.06	-1.55	-1.32
NR_046329	<i>TRIM46</i>	-2.06	-1.66	-1.24
NM_001127444	<i>CD36</i>	-2.06	-5.81	2.82
NM_006039	<i>MRC2</i>	-2.06	-1.48	-1.39

NM_003741	<i>CHRD</i>	-2.06	1.53	-3.16
NM_001207018	<i>SMTN</i>	-2.06	-2.93	1.42
NM_006274	<i>CCL19</i>	-2.07	-37.30	18.02
NR_003340	<i>SNORD116-26</i>	-2.07	-2.31	1.12
NR_047546	<i>SCFD1</i>	-2.07	-1.10	-1.88
NM_032276	<i>RHBDD1</i>	-2.07	-1.87	-1.11
NM_017549	<i>EPDR1</i>	-2.07	-2.95	1.42
NM_001130709	<i>RUFY3</i>	-2.07	-3.57	1.72
NM_001144936	<i>C11orf95</i>	-2.08	-2.39	1.15
NM_001114380	<i>ITGAL</i>	-2.08	-1.38	-1.50
NM_001168377	<i>KIAA0319</i>	-2.08	1.00	-2.08
NM_001012514	<i>ITM2C</i>	-2.08	-1.17	-1.77
NM_015198	<i>COBL</i>	-2.08	1.08	-2.24
NM_000043	<i>FAS</i>	-2.08	-2.77	1.33
NM_001127399	<i>YPEL5</i>	-2.08	-3.02	1.45
NR_045568	<i>IRF3</i>	-2.08	-2.77	1.33
NM_019555	<i>ARHGEF3</i>	-2.08	1.02	-2.13
NM_145715	<i>TIGD2</i>	-2.08	-1.91	-1.09
NM_002562	<i>P2RX7</i>	-2.09	-2.12	1.02
NM_001190202	<i>CES4A</i>	-2.09	-4.58	2.19
NM_001465	<i>FYB</i>	-2.09	-2.30	1.10
NM_001144382	<i>PLCL2</i>	-2.10	-1.87	-1.12
NR_048556	<i>TSN</i>	-2.11	-1.23	-1.71
NM_001102610	<i>TUBGCP5</i>	-2.11	-2.42	1.15
NM_001130720	<i>AHCYL2</i>	-2.11	-1.83	-1.15
NM_001258406	<i>IRG1</i>	-2.11	-6.18	2.93
NM_152305	<i>POGLUT1</i>	-2.11	-3.99	1.89
NM_020733	<i>HEG1</i>	-2.11	-1.89	-1.12
NM_001080	<i>ALDH5A1</i>	-2.12	1.19	-2.53
NM_001242900	<i>PPP6R2</i>	-2.12	-1.86	-1.14
NM_207370	<i>GPR153</i>	-2.12	-1.51	-1.41
NM_015537	<i>NELF</i>	-2.12	-1.96	-1.08
NR_027322	<i>LOC283070</i>	-2.12	-1.55	-1.37
NR_000025	<i>SNORD15B</i>	-2.13	-2.00	-1.06
NM_001126115	<i>TP53</i>	-2.13	-2.66	1.25
NM_012306	<i>FAIM2</i>	-2.14	2.56	-5.47
NM_001127396	<i>STXBP2</i>	-2.14	-1.15	-1.86
NM_001200029	<i>HYAL3</i>	-2.14	-2.67	1.25
NM_080283	<i>ABCA9</i>	-2.15	1.01	-2.16
NM_014974	<i>DIP2C</i>	-2.15	-1.11	-1.93

NM_001089	<i>ABCA3</i>	-2.15	-3.45	1.61
NM_001244249	<i>APEX1</i>	-2.15	-3.08	1.43
NM_018351	<i>FGD6</i>	-2.15	-2.38	1.11
NM_000820	<i>GAS6</i>	-2.16	-2.99	1.39
NM_001126054	<i>CASK</i>	-2.16	-1.69	-1.28
NR_073531	<i>STK25</i>	-2.16	-2.59	1.20
NM_021238	<i>FAM60A</i>	-2.16	-2.60	1.20
NM_002030	<i>FPR3</i>	-2.16	-2.14	-1.01
NR_024043	<i>LGALS9</i>	-2.17	-1.46	-1.48
NM_001242636	<i>IL31RA</i>	-2.17	-2.22	1.02
NM_000566	<i>FCGR1A</i>	-2.17	-2.38	1.10
NM_001048172	<i>MUTYH</i>	-2.19	-1.33	-1.64
NM_024592	<i>SRD5A3</i>	-2.19	-1.98	-1.11
NM_015136	<i>STAB1</i>	-2.19	-14.72	6.72
NM_014366	<i>GNL3</i>	-2.19	-2.69	1.23
NM_001206480	<i>ELMO1</i>	-2.19	-1.01	-2.17
NM_001244910	<i>FCGR1B</i>	-2.19	-2.84	1.29
NR_028301	<i>LOC344595</i>	-2.20	-2.42	1.10
NR_033951	<i>P2RX7</i>	-2.20	-1.97	-1.11
NM_181508	<i>HPS5</i>	-2.20	-1.65	-1.33
NM_001248003	<i>ARNTL2</i>	-2.20	-3.03	1.38
NM_001077594	<i>EXOC3L4</i>	-2.20	-2.03	-1.08
NR_047677	<i>TARS</i>	-2.21	-1.07	-2.07
NM_022468	<i>MMP25</i>	-2.21	-2.80	1.27
NM_006227	<i>PLTP</i>	-2.21	-2.07	-1.07
NM_194294	<i>IDO2</i>	-2.21	-1.94	-1.14
NM_001271581	<i>DNAJC10</i>	-2.22	-1.97	-1.12
NM_022845	<i>CBFB</i>	-2.22	-2.00	-1.11
NM_014435	<i>NAAA</i>	-2.22	-1.98	-1.12
NM_021175	<i>HAMP</i>	-2.22	-4.33	1.95
NM_001024808	<i>BCL7A</i>	-2.23	-3.26	1.46
NM_001271023	<i>ATRIP</i>	-2.23	-1.66	-1.35
NM_014890	<i>FILIP1L</i>	-2.24	-3.66	1.63
NM_145805	<i>ISL2</i>	-2.24	-1.46	-1.53
NM_145659	<i>IL27</i>	-2.25	-1.70	-1.32
NM_020440	<i>PTGFRN</i>	-2.25	-3.35	1.49
NM_015431	<i>TRIM58</i>	-2.25	-2.19	-1.03
NM_030664	<i>PTER</i>	-2.25	-1.82	-1.24
NM_001184718	<i>TIPARP</i>	-2.26	-2.71	1.20
NM_001206925	<i>CD86</i>	-2.27	-1.15	-1.96

NM_001242485	<i>EIF1AD</i>	-2.27	1.18	-2.69
NM_001207024	<i>M6PR</i>	-2.28	-1.73	-1.31
NM_001243228	<i>TCF4</i>	-2.28	-3.55	1.56
NM_030669	<i>PTPRO</i>	-2.28	-1.34	-1.70
NM_198156	<i>VHL</i>	-2.28	-1.50	-1.52
NM_033305	<i>VPS13A</i>	-2.29	-1.72	-1.33
NR_004399	<i>SNORD86</i>	-2.29	-1.71	-1.34
NM_020759	<i>STARD9</i>	-2.29	-2.48	1.08
NM_001199829	<i>HORMAD1</i>	-2.29	-1.85	-1.24
NM_003105	<i>SORL1</i>	-2.29	2.64	-6.04
NM_001201554	<i>ZNF821</i>	-2.29	-1.19	-1.93
NM_001146155	<i>PTGR2</i>	-2.30	-2.10	-1.09
NM_024111	<i>CHAC1</i>	-2.30	-1.92	-1.20
NM_004032	<i>DDO</i>	-2.30	-1.08	-2.14
NM_145279	<i>MOB3C</i>	-2.31	-1.96	-1.18
NM_002977	<i>SCN9A</i>	-2.31	-2.16	-1.07
NR_003320.1	<i>SNORD116-5</i>	-2.31	-2.34	1.01
NR_003322	<i>SNORD116-7</i>	-2.31	-2.34	1.01
NM_020397	<i>CAMK1D</i>	-2.31	-2.12	-1.09
NM_020477	<i>ANK1</i>	-2.31	-1.06	-2.18
NM_001199480	<i>ZNF193</i>	-2.32	-1.86	-1.24
NM_001172656	<i>ZFYVE28</i>	-2.32	-1.24	-1.86
NM_023001	<i>ARID4A</i>	-2.32	-2.14	-1.08
NM_012166	<i>FBXO10</i>	-2.33	-2.41	1.03
NM_0203433	<i>PSMG1</i>	-2.33	1.01	-2.36
NM_015719	<i>COL5A3</i>	-2.33	-6.93	2.97
NM_003149	<i>STAC</i>	-2.33	2.33	-5.44
NM_001242921	<i>PLTP</i>	-2.34	-2.16	-1.08
NM_004883	<i>NRG2</i>	-2.34	-4.64	1.98
NM_023000	<i>ARID4A</i>	-2.35	-1.69	-1.40
NM_001172633	<i>OLR1</i>	-2.36	2.72	-6.43
NM_022140	<i>EPB41L4A</i>	-2.37	-2.02	-1.18
NM_002207	<i>ITGA9</i>	-2.37	-4.62	1.95
NM_001017986	<i>FCGR1B</i>	-2.38	-3.19	1.34
NM_177937	<i>GOLM1</i>	-2.39	-1.53	-1.56
NM_000014	<i>A2M</i>	-2.39	-1.60	-1.49
NM_152793	<i>C7orf41</i>	-2.40	-5.03	2.10
NM_001271711	<i>SLC2A8</i>	-2.40	-2.15	-1.12
NM_003456	<i>ZNF205</i>	-2.40	-1.66	-1.45
NR_033956	<i>P2RX7</i>	-2.42	-2.76	1.14

NM_001190810	<i>AGAP9</i>	-2.43	-1.70	-1.44
NM_002636	<i>PHF1</i>	-2.44	-1.08	-2.25
NM_173558	<i>FGD2</i>	-2.44	-2.46	1.01
NM_001001555	<i>GRB10</i>	-2.46	-3.36	1.37
NM_001928	<i>CFD</i>	-2.46	-2.85	1.16
NM_052998	<i>ADC</i>	-2.48	-1.46	-1.70
NM_139320	<i>CHRFAM7A</i>	-2.48	-2.56	1.03
NM_003649	<i>DDO</i>	-2.48	-2.36	-1.05
NM_001040453	<i>FAM63B</i>	-2.48	-1.35	-1.84
NM_001169107	<i>FAM21C</i>	-2.50	-1.78	-1.41
NM_001130831	<i>GAS7</i>	-2.50	-6.26	2.51
NM_203416	<i>CD163</i>	-2.51	-18.66	7.44
NM_001195790	<i>SLFN12L</i>	-2.51	1.06	-2.67
NM_001172632	<i>OLR1</i>	-2.51	3.46	-8.70
NM_016483	<i>PHF7</i>	-2.52	1.04	-2.61
NM_002336	<i>LRP6</i>	-2.52	-3.26	1.29
NM_016347	<i>NAT8B</i>	-2.53	-1.38	-1.83
NM_001166688	<i>PFKM</i>	-2.53	-2.62	1.04
NR_028500	<i>LDHA</i>	-2.54	-3.93	1.55
NM_001267584	<i>UBOX5</i>	-2.54	-3.41	1.34
NM_001243723	<i>SETMAR</i>	-2.55	-1.46	-1.74
NM_019857	<i>CTPS2</i>	-2.55	-2.65	1.04
NM_001167594	<i>CTSA</i>	-2.55	-1.24	-2.05
NM_145034	<i>TOR1AIP2</i>	-2.55	-3.90	1.53
NM_000573	<i>CR1</i>	-2.56	-7.14	2.79
NR_033243	<i>UBAP1</i>	-2.57	-1.03	-2.49
NM_032367	<i>ZBED3</i>	-2.57	-1.44	-1.79
NM_001258280	<i>ZNF501</i>	-2.57	-1.29	-1.99
NM_152872	<i>FAS</i>	-2.57	-2.67	1.04
NR_027484	<i>FCGR1C</i>	-2.57	-3.06	1.19
NM_014398	<i>LAMP3</i>	-2.57	-4.56	1.77
NM_018844	<i>BCAP29</i>	-2.57	-1.95	-1.32
NM_006744	<i>RBP4</i>	-2.58	-1.05	-2.45
NM_130439	<i>MXI1</i>	-2.59	-3.00	1.16
NM_006770	<i>MARCO</i>	-2.59	2.88	-7.49
NR_033738	<i>LOC440300</i>	-2.60	-2.43	-1.07
NM_001253845	<i>ADM2</i>	-2.60	-2.18	-1.19
NM_018441	<i>PECR</i>	-2.60	-2.00	-1.30
NR_033950	<i>P2RX7</i>	-2.61	-2.11	-1.24
NR_046324	<i>CHRNA7</i>	-2.61	-3.59	1.37

NM_001206974	<i>DHPS</i>	-2.62	-1.09	-2.41
NM_000072	<i>CD36</i>	-2.63	-6.01	2.29
NM_016577	<i>RAB6B</i>	-2.64	-1.44	-1.83
NM_001258040	<i>HARS</i>	-2.65	-1.99	-1.33
NM_001005374	<i>LRSAM1</i>	-2.67	-1.89	-1.41
NM_001001522	<i>TAGLN</i>	-2.67	-1.84	-1.45
NM_017688	<i>BSPRY</i>	-2.67	-2.48	-1.08
NM_001522	<i>GUCY2F</i>	-2.69	-2.26	-1.19
NM_001253823	<i>BLVRA</i>	-2.69	-4.00	1.49
NR_033955	<i>P2RX7</i>	-2.70	-2.97	1.10
NM_145267	<i>C6orf57</i>	-2.70	-2.06	-1.31
NM_012224	<i>NEK1</i>	-2.70	-3.08	1.14
NM_000210	<i>ITGA6</i>	-2.70	-2.09	-1.29
NM_199349	<i>KCP</i>	-2.72	-2.03	-1.34
NM_015196	<i>KIAA0922</i>	-2.73	-4.24	1.55
NM_001258249	<i>UTY</i>	-2.74	1.21	-3.33
NM_203386	<i>RNH1</i>	-2.75	-1.82	-1.51
NM_032515	<i>BOK</i>	-2.75	-2.42	-1.14
NR_002915	<i>SNORA74A</i>	-2.77	-3.63	1.31
NM_001256430	<i>STON2</i>	-2.77	-1.31	-2.12
NM_001003680	<i>LEPR</i>	-2.78	-1.39	-2.00
NM_001242640	<i>BRCC3</i>	-2.78	-3.39	1.22
NM_133436	<i>ASNS</i>	-2.78	-2.04	-1.36
NM_001003696	<i>ATP5J</i>	-2.81	-1.42	-1.97
NM_001242902	<i>AKAP1</i>	-2.83	-1.58	-1.79
NM_001166057	<i>PEPD</i>	-2.84	-2.61	-1.09
NM_001135176	<i>NEDD1</i>	-2.84	-2.68	-1.06
NM_001029955	<i>DCAF4L1</i>	-2.87	-2.06	-1.40
NM_005845	<i>ABCC4</i>	-2.88	-4.54	1.58
NM_001145657	<i>RAP1GAP</i>	-2.88	2.05	-5.90
NM_001033551	<i>TOM1L2</i>	-2.88	-1.14	-2.53
NM_005410	<i>SEPP1</i>	-2.89	-6.16	2.13
NR_045213	<i>FCGR1B</i>	-2.90	-3.63	1.25
NM_183005	<i>RPP38</i>	-2.90	-1.51	-1.92
NM_006207	<i>PDGFRL</i>	-2.91	-2.53	-1.15
NM_003711	<i>PPAP2A</i>	-2.91	-2.46	-1.18
NM_032438	<i>L3MBTL3</i>	-2.92	-2.29	-1.28
NM_001251888	<i>ASPSCR1</i>	-2.93	-1.45	-2.01
NM_000305	<i>PON2</i>	-2.93	-2.90	-1.01
NM_033104	<i>STON2</i>	-2.94	-1.21	-2.43

NM_014787	<i>DNAJC6</i>	-2.95	-1.83	-1.61
NM_003083	<i>SNAPC2</i>	-2.95	-1.38	-2.15
NM_007293.8	<i>C4A</i>	-2.96	-1.98	-1.49
NM_001002029.1	<i>C4B</i>	-2.96	-2.01	-1.47
NM_001242823.1	<i>LOC100293534</i>	-2.96	-2.01	-1.47
NM_152998	<i>EZH2</i>	-2.96	-4.14	1.40
NM_001014975	<i>CFH</i>	-2.96	-2.78	-1.07
NM_182676	<i>PLTP</i>	-2.97	-1.23	-2.43
NM_001164755	<i>ASPH</i>	-2.99	-4.65	1.55
NM_194436	<i>LDHD</i>	-3.00	-1.24	-2.42
NM_003039	<i>SLC2A5</i>	-3.00	-5.28	1.76
NM_033128	<i>SCIN</i>	-3.02	-1.39	-2.17
NM_001032282	<i>KLF10</i>	-3.03	-4.03	1.33
NM_001178008	<i>CBS</i>	-3.03	-2.19	-1.38
NM_001166356	<i>SHMT2</i>	-3.06	-1.65	-1.85
NM_021914	<i>CFL2</i>	-3.06	-1.45	-2.11
NM_194322	<i>OTOF</i>	-3.08	-1.13	-2.73
NM_002187	<i>IL12B</i>	-3.09	4.94	-15.28
NR_045555	<i>ENPP2</i>	-3.12	-4.77	1.53
NM_001145145	<i>SLC1A5</i>	-3.13	-1.51	-2.07
NM_001172746	<i>SEC23B</i>	-3.16	-1.46	-2.17
NM_174902	<i>LDLRAD3</i>	-3.17	-8.48	2.68
NM_001100428	<i>RAP1GDS1</i>	-3.18	-1.18	-2.70
NR_073097	<i>TRAPPC3</i>	-3.19	-1.03	-3.08
NM_182762	<i>MACC1</i>	-3.19	-1.23	-2.59
NM_001206897	<i>ALDH1A2</i>	-3.20	-1.16	-2.74
NM_138712	<i>PPARG</i>	-3.20	1.26	-4.04
NM_152536	<i>FGD5</i>	-3.21	1.56	-4.99
NM_002397	<i>MEF2C</i>	-3.24	-4.77	1.47
NR_033954	<i>P2RX7</i>	-3.24	-2.87	-1.13
NM_002873	<i>RAD17</i>	-3.24	-3.74	1.15
NM_001033025	<i>EXTL2</i>	-3.26	-4.50	1.38
NM_001193431	<i>PTPN22</i>	-3.28	-1.59	-2.06
NM_001439	<i>EXTL2</i>	-3.28	-3.90	1.19
NR_027752	<i>ALDH1L2</i>	-3.30	-3.23	-1.02
NM_138971	<i>BACE1</i>	-3.31	-2.92	-1.13
NR_045103	<i>RNF146</i>	-3.33	-2.64	-1.26
NM_201432	<i>GAS7</i>	-3.33	-6.07	1.82
NM_018848	<i>MKKS</i>	-3.34	-2.09	-1.60
NM_004235	<i>KLF4</i>	-3.36	-1.43	-2.36

NM_001766	<i>CD1D</i>	-3.37	-3.48	1.03
NM_001764	<i>CD1B</i>	-3.39	1.00	-3.39
NM_003088	<i>FSCN1</i>	-3.39	-11.54	3.40
NM_181526	<i>MYL9</i>	-3.43	-1.23	-2.80
NM_001258291	<i>PRSS36</i>	-3.44	-1.43	-2.41
NM_054012	<i>ASS1</i>	-3.44	-5.68	1.65
NM_001242768	<i>MTHFD1L</i>	-3.45	-3.71	1.08
NM_001174092	<i>TMEM185A</i>	-3.46	-2.23	-1.55
NM_001101801	<i>FAM13B</i>	-3.46	-3.88	1.12
NR_073037	<i>STOM</i>	-3.46	-3.22	-1.08
NR_038335	<i>CLU</i>	-3.48	-2.39	-1.46
NM_001033045	<i>GPR155</i>	-3.48	-1.26	-2.76
NM_001146008	<i>SLCO5A1</i>	-3.52	-12.01	3.41
NM_004244	<i>CD163</i>	-3.52	-25.98	7.38
NR_037582	<i>AP3S2</i>	-3.56	-1.83	-1.94
NM_004181	<i>UCHL1</i>	-3.57	-3.81	1.07
NM_006398.3	<i>UBD</i>	-3.57	-6.29	1.76
NM_014488	<i>RAB30</i>	-3.58	-3.39	-1.06
NM_001243752	<i>C7orf49</i>	-3.62	-2.11	-1.71
NM_001177507	<i>AOAH</i>	-3.62	-5.49	1.51
NM_198436	<i>AURKA</i>	-3.66	-1.13	-3.24
NM_001206984	<i>METTL23</i>	-3.68	-1.43	-2.58
NM_001976	<i>ENO3</i>	-3.69	-1.98	-1.87
NM_001243755	<i>C7orf49</i>	-3.70	-1.20	-3.08
NM_001025197	<i>CHI3L2</i>	-3.74	-3.70	-1.01
NM_001171158	<i>SIGLEC10</i>	-3.75	-2.77	-1.36
NM_001040092	<i>ENPP2</i>	-3.75	-10.79	2.88
NM_138790	<i>PLD4</i>	-3.76	-1.11	-3.39
NM_138972	<i>BACE1</i>	-3.77	-2.60	-1.45
NM_001256909	<i>CYBRD1</i>	-3.78	-4.39	1.16
NM_001271852	<i>CEP57L1</i>	-3.95	-1.30	-3.03
NM_001042402	<i>NAAA</i>	-3.96	-3.76	-1.05
NM_000071	<i>CBS</i>	-4.06	-2.69	-1.51
NM_001130859	<i>PPIP5K1</i>	-4.09	-4.11	1.01
NM_000857	<i>GUCY1B3</i>	-4.09	-6.51	1.59
NM_001127383	<i>CYBRD1</i>	-4.11	-3.05	-1.35
NM_152348	<i>WDR81</i>	-4.13	-1.13	-3.67
NM_001128933	<i>SYNPO2</i>	-4.14	-8.34	2.01
NM_001099	<i>ACPP</i>	-4.18	-3.59	-1.16
NM_016324	<i>ZNF274</i>	-4.22	-1.54	-2.74

NM_006623	<i>PHGDH</i>	-4.23	-3.63	-1.17
NM_016201	<i>AMOTL2</i>	-4.42	-7.11	1.61
NM_004447	<i>EPS8</i>	-4.46	-4.46	1.00
NM_001013398	<i>IGFBP3</i>	-4.52	-21.74	4.81
NM_015900	<i>PLA1A</i>	-4.52	-2.11	-2.14
NM_001127493	<i>ANK2</i>	-4.55	-3.69	-1.23
NM_001018056	<i>VLDLR</i>	-4.58	-5.66	1.23
NM_004384	<i>CSNK1G3</i>	-4.59	-3.93	-1.17
NM_001127242	<i>BBC3</i>	-4.65	-3.04	-1.53
NM_002852	<i>PTX3</i>	-4.73	-5.51	1.17
NR_037775	<i>MIA-RAB4B</i>	-4.81	-1.74	-2.76
NM_001001550	<i>GRB10</i>	-4.82	-4.60	-1.05
NM_001130687	<i>GUCY1A3</i>	-4.84	-6.32	1.30
NM_001128934	<i>SYNPO2</i>	-4.88	-7.28	1.49
NM_001148	<i>ANK2</i>	-4.92	-5.35	1.09
NM_001134194	<i>ACPP</i>	-4.93	-4.39	-1.12
NM_002416	<i>CXCL9</i>	-5.06	-5.15	1.02
NR_046480	<i>ROGDI</i>	-5.08	-1.09	-4.64
NM_021101	<i>CLDN1</i>	-5.08	-1.20	-4.22
NM_001130723	<i>AHCYL2</i>	-5.33	-12.04	2.26
NM_001142345	<i>CMKLR1</i>	-5.39	-1.92	-2.81
NM_001034173	<i>ALDH1L2</i>	-5.56	-4.98	-1.12
NM_000598	<i>IGFBP3</i>	-5.74	-30.36	5.29
NM_001006605	<i>FAM69A</i>	-5.89	-4.97	-1.18
NM_001130863	<i>ENPP2</i>	-6.30	-14.56	2.31
NM_001242948	<i>EPDR1</i>	-6.30	-3.37	-1.87
NM_001024845	<i>SLC6A9</i>	-6.39	-4.13	-1.55
NM_001221	<i>CAMK2D</i>	-6.68	-2.23	-3.00
NM_001130683	<i>GUCY1A3</i>	-7.04	-8.88	1.26
NM_021154	<i>PSAT1</i>	-8.17	-3.61	-2.27
NM_005409	<i>CXCL11</i>	-8.89	-7.88	-1.13
NM_001565	<i>CXCL10</i>	-12.64	-8.26	-1.53

Table S2. Transcripts that are uniquely and significantly differentially expressed in Mob-MDM(LPS/IFN γ) compared to both M-MDM(LPS/IFN γ) and GM-MDM(LPS/IFN γ).

		Fold Change		
RefSeq transcript ID	Symbol	Mob- MDM(LPS/IFN γ)	Mob- MDM(LPS/IFN γ)	M- MDM(LPS/IFN γ)
		<i>vs.</i> GM- MDM(LPS/IFN γ)	<i>vs.</i> M- MDM(LPS/IFN γ)	<i>vs.</i> GM- MDM(LPS/IFN γ)
Cytokines and Chemokines				
NM_000758	CSF2	38.14	47.90	-1.26
NM_000619	IFNG	34.43	22.54	1.53
NM_002994	CXCL5	27.00	18.59	1.45
NM_172219	CSF3	17.84	16.66	1.07
NR_046035	CXCL1	12.45	7.96	1.56
NR_033662	CSF3	10.17	13.61	-1.34
NM_019618	IL36G	9.73	10.75	-1.10
NM_000576	IL1B	9.52	10.43	-1.09
NM_001511	CXCL1	7.34	8.90	-1.21
NM_002090	CXCL3	6.26	3.17	1.97
NM_002089	CXCL2	4.51	3.87	1.16
NM_002984	CCL4	3.90	2.90	1.35
NM_020530	OSM	3.75	5.81	-1.55
NM_000639	FASLG	3.10	2.51	1.24
NM_002983	CCL3	2.97	3.31	-1.12
NM_001172128	IL16	2.60	3.46	-1.33
NM_001198624	TNFSF13	2.28	3.04	-1.33
NM_002416	CXCL9	-5.06	-5.15	1.02
NM_005409	CXCL11	-8.89	-7.88	-1.13
NM_001565	CXCL10	-12.64	-8.26	-1.53
G-protein coupled receptors				
NM_006564	CXCR6	6.93	7.04	-1.02
NM_013308	GPR171	4.15	3.84	1.08
NM_001008540	CXCR4	4.06	3.49	1.16
NM_001992	F2R	3.46	3.37	1.03
NM_001271749	GPR77	2.45	2.64	-1.08
NM_003467	CXCR4	2.31	2.06	1.12
NM_005508	CCR4	2.23	2.23	1.00
Growth Factors				
NM_004883	NRG2	-2.34	-4.64	1.98

Ion Channels				
NM_002561	<i>P2RX5</i>	8.27	10.28	-1.24
NM_001680	<i>FXVD2</i>	3.98	3.98	1.00
NM_001204519	<i>P2RX5</i>	3.81	2.89	1.32
NM_001177428	<i>TRPV4</i>	2.85	4.41	-1.54
NM_002224	<i>ITPR3</i>	2.48	2.57	-1.04
NM_002562	<i>P2RX7</i>	-2.09	-2.12	1.02
NM_002977	<i>SCN9A</i>	-2.31	-2.16	-1.07
NR_033956	<i>P2RX7</i>	-2.42	-2.76	1.14
NR_033950	<i>P2RX7</i>	-2.61	-2.11	-1.24
NR_033955	<i>P2RX7</i>	-2.70	-2.97	1.10
NR_033954	<i>P2RX7</i>	-3.24	-2.87	-1.13
Kinases				
NM_005356	<i>LCK</i>	7.92	7.92	1.00
NM_001042600	<i>MAP4K1</i>	6.57	5.59	1.17
NM_001079	<i>ZAP70</i>	5.65	5.02	1.12
NM_006257	<i>PRKCQ</i>	5.04	3.62	1.39
NM_032415	<i>CARD11</i>	4.32	4.84	-1.12
NM_000245	<i>MET</i>	3.93	5.07	-1.29
NM_004336	<i>BUB1</i>	3.65	4.44	-1.22
NM_005030	<i>PLK1</i>	3.39	2.90	1.17
NM_001786	<i>CDK1</i>	3.20	2.76	1.16
NM_016441	<i>CRIM1</i>	3.06	3.12	-1.02
NM_002082	<i>GRK6</i>	2.97	2.51	1.18
NM_001211	<i>BUB1B</i>	2.76	2.94	-1.06
NM_001161560	<i>TNIK</i>	2.73	2.27	1.20
NM_001161562	<i>TNIK</i>	2.53	2.10	1.21
NM_031966	<i>CCNB1</i>	2.38	2.87	-1.21
NM_004217	<i>AURKB</i>	2.36	2.54	-1.08
NM_006096	<i>NDRG1</i>	2.35	2.26	1.04
NM_001570	<i>IRAK2</i>	2.27	3.06	-1.35
NM_001274	<i>CHEK1</i>	2.11	2.19	-1.04
NM_004834	<i>MAP4K4</i>	2.05	2.57	-1.25
NR_073531	<i>STK25</i>	-2.16	-2.59	1.20
NM_020397	<i>CAMK1D</i>	-2.31	-2.12	-1.09
NM_001166688	<i>PFKM</i>	-2.53	-2.62	1.04
NM_001522	<i>GUCY2F</i>	-2.69	-2.26	-1.19
NM_012224	<i>NEK1</i>	-2.70	-3.08	1.14
NM_006207	<i>PDGFRL</i>	-2.91	-2.53	-1.15
NM_004384	<i>CSNK1G3</i>	-4.59	-3.93	-1.17

Peptidases				
NM_006144	<i>GZMA</i>	5.8	5.1	1.1
NM_033423	<i>GZMH</i>	5.2	3.5	1.5
NM_080722	<i>ADAMTS14</i>	3.7	2.2	1.7
NM_139155	<i>ADAMTS14</i>	3.7	2.2	1.7
NM_007287	<i>MME</i>	3.5	3.1	1.1
NM_001335	<i>CTSW</i>	2.6	3.5	-1.4
NM_022468	<i>MMP25</i>	-2.2	-2.8	1.3
NM_001928	<i>CFD</i>	-2.5	-2.9	1.2
NM_138971	<i>BACE1</i>	-3.3	-2.9	-1.1
NM_004181	<i>UCHL1</i>	-3.6	-3.8	1.1
NM_138972	<i>BACE1</i>	-3.8	-2.6	-1.5
NM_004447	<i>EPS8</i>	-4.5	-4.5	1.0
Phosphatases				
NM_001789	<i>CDC25A</i>	2.63	2.61	1.01
NM_014750	<i>DLGAP5</i>	2.25	2.25	1.00
NM_003711	<i>PPAP2A</i>	-2.91	-2.46	-1.18
NM_001130859	<i>PPIP5K1</i>	-4.09	-4.11	1.01
NM_001099	<i>ACPP</i>	-4.18	-3.59	-1.16
NM_001134194	<i>ACPP</i>	-4.93	-4.39	-1.12
Other Enzymes				
NM_000096	<i>CP</i>	21.10	19.66	1.07
NM_001034	<i>RRM2</i>	12.53	13.10	-1.05
NR_046371	<i>CP</i>	9.91	7.26	1.36
NM_001071	<i>TYMS</i>	8.53	5.47	1.56
NM_052838	<i>SEPT1</i>	7.35	5.06	1.45
NM_206925	<i>CA12</i>	5.83	4.34	1.34
NM_001144970	<i>NEDD4L</i>	5.25	3.34	1.57
NM_001243121	<i>PDE4A</i>	4.82	2.97	1.62
NM_001067	<i>TOP2A</i>	4.81	5.10	-1.06
NM_001218	<i>CA12</i>	4.59	4.68	-1.02
NM_002263.1	<i>KIFC1</i>	4.55	4.61	-1.01
NM_002875	<i>RAD51</i>	3.92	2.97	1.32
NM_001165931	<i>RRM2</i>	3.48	3.48	1.00
NM_005916	<i>MCM7</i>	3.43	2.91	1.18
NM_001197221	<i>PDE4D</i>	3.25	3.90	-1.20
NM_014875	<i>KIF14</i>	2.90	2.90	1.00
NM_004130	<i>GYG1</i>	2.80	3.00	-1.07
NM_006907	<i>PYCR1</i>	2.77	2.76	1.01
NM_017640	<i>LRRC16A</i>	2.69	2.40	1.12

NM_003579	<i>RAD54L</i>	2.65	2.64	1.00
NM_012168	<i>FBXO2</i>	2.60	2.60	1.00
NM_001017420	<i>ESCO2</i>	2.46	2.29	1.08
NM_001017917	<i>CYB561</i>	2.45	2.34	1.04
NM_021615	<i>CHST6</i>	2.39	2.61	-1.09
NM_002528	<i>NTHL1</i>	2.03	2.45	-1.21
NM_001185074	<i>ZCCHC6</i>	2.02	2.53	-1.25
NM_015723	<i>PNPLA8</i>	2.01	2.90	-1.45
NM_020142	<i>NDUFA4L2</i>	-2.01	-2.10	1.05
NM_152305	<i>POGLUT1</i>	-2.11	-3.99	1.89
NM_001200029	<i>HYAL3</i>	-2.14	-2.67	1.25
NM_006227	<i>PLTP</i>	-2.21	-2.07	-1.07
NM_001184718	<i>TIPARP</i>	-2.26	-2.71	1.20
NM_001146155	<i>PTGR2</i>	-2.30	-2.10	-1.09
NM_012166	<i>FBXO10</i>	-2.33	-2.41	1.03
NM_001242921	<i>PLTP</i>	-2.34	-2.16	-1.08
NM_003649	<i>DDO</i>	-2.48	-2.36	-1.05
NR_028500	<i>LDHA</i>	-2.54	-3.93	1.55
NM_001267584	<i>UBOX5</i>	-2.54	-3.41	1.34
NM_019857	<i>CTPS2</i>	-2.55	-2.65	1.04
NM_018441	<i>PECR</i>	-2.60	-2.00	-1.30
NM_001253823	<i>BLVRA</i>	-2.69	-4.00	1.49
NM_001242640	<i>BRCC3</i>	-2.78	-3.39	1.22
NM_133436	<i>ASNS</i>	-2.78	-2.04	-1.36
NM_000305	<i>PON2</i>	-2.93	-2.90	-1.01
NM_001164755	<i>ASPH</i>	-2.99	-4.65	1.55
NM_001178008	<i>CBS</i>	-3.03	-2.19	-1.38
NR_045555	<i>ENPP2</i>	-3.12	-4.77	1.53
NM_002873	<i>RAD17</i>	-3.24	-3.74	1.15
NM_001033025	<i>EXTL2</i>	-3.26	-4.50	1.38
NM_001439	<i>EXTL2</i>	-3.28	-3.90	1.19
NR_027752	<i>ALDH1L2</i>	-3.30	-3.23	-1.02
NR_045103	<i>RNF146</i>	-3.33	-2.64	-1.26
NM_054012	<i>ASS1</i>	-3.44	-5.68	1.65
NM_001242768	<i>MTHFD1L</i>	-3.45	-3.71	1.08
NM_014488	<i>RAB30</i>	-3.58	-3.39	-1.06
NM_001177507	<i>AOAH</i>	-3.62	-5.49	1.51
NM_001025197	<i>CHI3L2</i>	-3.74	-3.70	-1.01
NM_001256909	<i>CYBRD1</i>	-3.78	-4.39	1.16
NM_001042402	<i>NAAA</i>	-3.96	-3.76	-1.05

NM_000071	<i>CBS</i>	-4.06	-2.69	-1.51
NM_000857	<i>GUCY1B3</i>	-4.09	-6.51	1.59
NM_006623	<i>PHGDH</i>	-4.23	-3.63	-1.17
NM_001130687	<i>GUCY1A3</i>	-4.84	-6.32	1.30
NM_001034173	<i>ALDH1L2</i>	-5.56	-4.98	-1.12
N22:77M_001130683	<i>GUCY1A3</i>	-7.04	-8.88	1.26
Transcription Regulators				
NM_030915	<i>LBH</i>	8.14	5.32	1.53
NM_005442	<i>EOMES</i>	7.25	4.92	1.48
NM_002466	<i>MYBL2</i>	7.19	6.33	1.13
NM_004430	<i>EGR3</i>	5.59	4.98	1.12
NM_001131010	<i>SATB1</i>	5.50	4.42	1.25
NM_004091	<i>E2F2</i>	4.86	4.72	1.03
NM_005225	<i>E2F1</i>	3.79	5.86	-1.55
NM_002467	<i>MYC</i>	3.78	2.84	1.33
NM_012481	<i>IKZF3</i>	3.50	3.03	1.16
NM_001257410	<i>IKZF3</i>	3.32	2.66	1.24
NM_024007	<i>EBF1</i>	3.25	3.01	1.08
NM_001262	<i>CDKN2C</i>	3.23	2.54	1.27
NM_012258	<i>HEY1</i>	3.14	3.91	-1.25
NM_013282	<i>UHRF1</i>	3.07	2.71	1.13
NM_021953	<i>FOXO1</i>	2.78	3.54	-1.28
NM_022898	<i>BCL11B</i>	2.52	2.30	1.10
NM_173091	<i>NFATC2</i>	2.51	2.51	1.00
NM_004936	<i>CDKN2B</i>	2.42	2.07	1.17
NM_001202514	<i>MXD1</i>	2.42	2.66	-1.10
NM_199185	<i>NPM1</i>	2.39	2.18	1.10
NM_001170794	<i>BACH2</i>	2.23	3.56	-1.59
NM_002357	<i>MXD1</i>	2.12	2.43	-1.14
NM_015517	<i>HINFP</i>	-2.03	-2.22	1.09
NR_045568	<i>IRF3</i>	-2.08	-2.77	1.33
NM_001126115	<i>TP53</i>	-2.13	-2.66	1.25
NM_001248003	<i>ARNTL2</i>	-2.20	-3.03	1.38
NM_001243228	<i>TCF4</i>	-2.28	-3.55	1.56
NM_023001	<i>ARID4A</i>	-2.32	-2.14	-1.08
NM_130439	<i>MXI1</i>	-2.59	-3.00	1.16
NM_152998	<i>EZH2</i>	-2.96	-4.14	1.40
NM_001032282	<i>KLF10</i>	-3.03	-4.03	1.33
NM_002397	<i>MEF2C</i>	-3.24	-4.77	1.47
NM_201432	<i>GAS7</i>	-3.33	-6.07	1.82

Transmembrane Receptors				
NM_001767	<i>CD2</i>	14.85	11.00	1.35
NM_000733	<i>CD3E</i>	8.18	7.71	1.06
NM_012092	<i>ICOS</i>	7.04	6.73	1.04
NM_000655	<i>SELL</i>	6.12	5.45	1.12
NM_006725	<i>CD6</i>	5.79	5.46	1.06
NM_001559	<i>IL12RB2</i>	5.00	5.00	1.00
NM_003853	<i>IL18RAP</i>	4.92	4.44	1.11
NM_000734	<i>CD247</i>	4.56	5.37	-1.18
NM_000732	<i>CD3D</i>	4.20	4.20	1.00
NM_001258216	<i>IL12RB2</i>	3.72	3.21	1.16
NM_014207	<i>CD5</i>	3.32	2.86	1.16
NM_001099439	<i>EPHA10</i>	3.04	3.03	1.00
NM_000073	<i>CD3G</i>	2.77	2.77	1.00
NM_003855	<i>IL18R1</i>	2.65	2.57	1.03
NR_028076	<i>SCARF1</i>	2.22	2.17	1.02
NM_000043	<i>FAS</i>	-2.08	-2.77	1.33
NM_001242636	<i>IL31RA</i>	-2.17	-2.22	1.02
NM_000566	<i>FCGR1A</i>	-2.17	-2.38	1.10
NM_001244910	<i>FCGR1B</i>	-2.19	-2.84	1.29
NM_001017986	<i>FCGR1B</i>	-2.38	-3.19	1.34
NM_002336	<i>LRP6</i>	-2.52	-3.26	1.29
NM_152872	<i>FAS</i>	-2.57	-2.67	1.04
NR_027484	<i>FCGR1C</i>	-2.57	-3.06	1.19
NR_046324	<i>CHRNA7</i>	-2.61	-3.59	1.37
NM_000210	<i>ITGA6</i>	-2.70	-2.09	-1.29
NR_045213	<i>FCGR1B</i>	-2.90	-3.63	1.25
Ligand-dependent nuclear receptors				
NM_001202233	<i>NR4A1</i>	3.44	4.16	-1.21
NM_006186	<i>NR4A2</i>	2.71	3.16	-1.16
NM_134262	<i>RORA</i>	2.63	2.69	-1.02
NM_001042728	<i>RARG</i>	2.60	3.05	-1.17
Transporters				
NM_003645	<i>SLC27A2</i>	6.39	5.92	1.08
NM_004603	<i>STX1A</i>	3.92	2.47	1.59
NM_005733	<i>KIF20A</i>	3.56	3.44	1.04
NM_001136232	<i>SEC13</i>	3.46	2.50	1.38
NM_000228	<i>LAMB3</i>	2.99	2.45	1.22
NM_014331	<i>SLC7A11</i>	2.91	2.67	1.09

NR_024273	SEC13	2.88	2.65	1.09
NM_178859	SLC51B	2.45	3.48	-1.42
NM_003786	ABCC3	2.01	2.80	-1.39
NM_024490	ATP10A	-2.01	-2.19	1.09
NM_001112802	SLC8A1	-2.02	-2.48	1.23
NM_001089	ABCA3	-2.15	-3.45	1.61
NM_001271711	SLC2A8	-2.40	-2.15	-1.12
NM_005845	ABCC4	-2.88	-4.54	1.58
NM_003039	SLC2A5	-3.00	-5.28	1.76
NM_001018056	VLDLR	-4.58	-5.66	1.23
NM_001024845	SLC6A9	-6.39	-4.13	-1.55
Others				
NM_003537	HIST1H3B	16.97	14.05	1.21
NM_003531	HIST1H3C	16.43	11.00	1.49
NM_003534	HIST1H3G	15.88	11.89	1.34
NM_005322	HIST1H1B	13.48	6.97	1.93
NM_001005464.1	HIST2H3A	13.48	8.08	1.67
NM_021059.1	HIST2H3C	13.48	8.08	1.67
NM_021066	HIST1H2AJ	12.50	8.81	1.42
NM_003521	HIST1H2BM	12.44	9.80	1.27
NM_003511	HIST1H2AL	10.45	6.26	1.67
NM_021018	HIST1H3F	10.00	6.18	1.62
NM_003535	HIST1H3J	8.74	7.73	1.13
NM_001161443	SH2D2A	8.23	6.96	1.18
NM_024508	ZBED2	7.81	5.77	1.35
NM_052916	RNF157	7.76	7.44	1.04
NM_001005464	HIST2H3A	7.70	7.51	1.03
NM_021059	HIST2H3C	7.70	7.51	1.03
NM_001083116	PRF1	7.69	5.24	1.47
NM_001145966	MKI67	7.50	5.53	1.36
NM_017709	FAM46C	6.61	6.23	1.06
NM_005816	CD96	6.60	4.17	1.58
NM_006433	GNLY	6.12	4.85	1.26
NM_175055	HIST3H2BB	5.85	3.76	1.56
NM_021064	HIST1H2AG	5.78	2.96	1.95
NM_018410	HJURP	5.72	5.72	1.00
NM_003514	HIST1H2AM	5.70	2.87	1.99
NM_003536	HIST1H3H	5.58	3.07	1.82
NM_016448	DTL	5.55	5.52	1.01
NM_003548	HIST2H4A	5.32	3.15	1.69

NM_001034077	<i>HIST2H4B</i>	5.32	3.15	1.69
NM_003513	<i>HIST1H2AB</i>	5.28	3.73	1.42
NM_014220	<i>TM4SF1</i>	5.24	4.60	1.14
NM_003527	<i>HIST1H2BO</i>	5.14	3.00	1.71
NM_018136	<i>ASPM</i>	5.07	5.85	-1.15
NM_001123375	<i>HIST2H3D</i>	5.02	3.18	1.58
NM_133272	<i>FCAR</i>	4.87	4.42	1.10
NM_178844	<i>NLRC3</i>	4.86	3.69	1.32
NM_002000	<i>FCAR</i>	4.77	4.41	1.08
NM_018004	<i>TMEM45A</i>	4.71	3.23	1.46
NM_006137	<i>CD7</i>	4.65	3.05	1.52
NM_003548.1	<i>HIST2H4A</i>	4.50	2.84	1.59
NM_001034077.1	<i>HIST2H4B</i>	4.50	2.84	1.59
NM_201538	<i>NDRG2</i>	4.47	4.47	1.00
NM_016343	<i>CENPF</i>	4.42	3.12	1.42
NM_021058	<i>HIST1H2BJ</i>	4.39	2.35	1.87
NM_001168	<i>BIRC5</i>	4.37	4.30	1.02
NM_003546	<i>HIST1H4L</i>	4.36	3.42	1.28
NM_001164114	<i>CASS4</i>	4.36	4.68	-1.07
NM_002575	<i>SERPINB2</i>	4.30	4.57	-1.06
NM_003539	<i>HIST1H4D</i>	4.24	2.88	1.47
NM_012112	<i>TPX2</i>	4.19	4.78	-1.14
NM_003538	<i>HIST1H4A</i>	4.05	3.66	1.11
NM_002928	<i>RGS16</i>	4.05	2.14	1.89
NM_020356	<i>CASS4</i>	4.02	3.41	1.18
NM_001255	<i>CDC20</i>	3.99	3.44	1.16
NM_003523	<i>HIST1H2BE</i>	3.97	2.46	1.62
NM_003650	<i>CST7</i>	3.86	2.01	1.92
NM_004523	<i>KIF11</i>	3.85	3.87	-1.00
NM_003524	<i>HIST1H2BH</i>	3.77	3.07	1.23
NM_016426	<i>GTSE1</i>	3.72	3.72	1.00
NM_001003675	<i>LDLRAD4</i>	3.70	2.79	1.33
NM_018349	<i>MCTP2</i>	3.66	3.09	1.18
NM_012483	<i>GNLY</i>	3.60	2.73	1.32
NM_003525	<i>HIST1H2BI</i>	3.55	2.37	1.50
NM_001163524	<i>ITPRIPL1</i>	3.50	2.70	1.30
NM_182914	<i>SYNE2</i>	3.47	3.87	-1.12
NM_152515	<i>CKAP2L</i>	3.43	3.43	1.00
NM_001145664	<i>RFX8</i>	3.43	3.43	1.00
NM_030754	<i>SAA2</i>	3.37	2.54	1.33

NM_001237	<i>CCNA2</i>	3.33	2.78	1.20
NM_001254	<i>CDC6</i>	3.26	3.53	-1.08
NM_017720	<i>STAP2</i>	3.25	2.21	1.47
NM_001244950	<i>SPOCK2</i>	3.25	4.77	-1.47
NM_001079907	<i>ZNF331</i>	3.25	2.61	1.24
NM_032108	<i>SEMA6B</i>	3.24	3.50	-1.08
NM_144720	<i>JAKMIP1</i>	3.16	3.16	1.00
NM_003975	<i>SH2D2A</i>	3.15	3.15	1.00
NR_038380	<i>SLC7A11-AS1</i>	3.14	3.63	-1.15
NM_001144894	<i>CD209</i>	3.14	2.98	1.05
NM_003522	<i>HIST1H2BF</i>	3.14	2.49	1.26
NM_003544	<i>HIST1H4B</i>	3.12	2.57	1.22
NM_000608	<i>ORM2</i>	3.02	3.17	-1.05
NM_001264573	<i>KIF18B</i>	3.00	2.87	1.05
NM_022770	<i>GLIS3</i>	2.99	2.85	1.05
NM_003542	<i>HIST1H4C</i>	2.94	2.19	1.34
NM_001252102	<i>KIF21B</i>	2.89	3.15	-1.09
NR_073484	<i>CDK2AP2</i>	2.79	2.25	1.24
NM_012310	<i>KIF4A</i>	2.77	2.77	1.00
NM_080881	<i>DBN1</i>	2.75	2.51	1.10
NM_003530	<i>HIST1H3D</i>	2.70	2.13	1.27
NM_000094	<i>COL7A1</i>	2.67	3.06	-1.15
NM_001242416	<i>WDR20</i>	2.65	2.44	1.09
NM_001017995	<i>SH3PXD2B</i>	2.65	2.02	1.31
NM_002358	<i>MAD2L1</i>	2.60	2.82	-1.08
NM_004867	<i>ITM2A</i>	2.58	2.58	1.00
NM_001242608	<i>NCAM1</i>	2.57	4.47	-1.74
NM_006101	<i>NDC80</i>	2.56	2.86	-1.12
NM_173799	<i>TIGIT</i>	2.55	2.73	-1.07
NM_138371	<i>PCED1B</i>	2.51	2.07	1.21
NM_013372	<i>GREM1</i>	2.47	2.41	1.02
NM_001145199	<i>C12orf75</i>	2.42	2.42	1.00
NR_028308	<i>BRE-AS1</i>	2.41	2.50	-1.04
NM_080616	<i>C20orf112</i>	2.41	2.58	-1.07
NM_018131	<i>CEP55</i>	2.38	2.80	-1.18
NM_018518	<i>MCM10</i>	2.37	2.37	1.00
NM_005338	<i>HIP1</i>	2.36	4.00	-1.70
NM_014450	<i>SIT1</i>	2.36	2.36	1.00
NM_198947	<i>FAM111B</i>	2.35	2.35	1.00
NM_201536	<i>NDRG2</i>	2.34	2.34	1.00

NM_182751	<i>MCM10</i>	2.32	2.30	1.01
NM_201539	<i>NDRG2</i>	2.31	2.05	1.13
NR_002720	<i>TRPC2</i>	2.28	2.61	-1.14
NM_001159531	<i>BEGAIN</i>	2.22	2.06	1.08
NR_045006	<i>NRON</i>	2.17	2.53	-1.17
NM_001145319	<i>PLS1</i>	2.16	2.81	-1.31
NM_133279	<i>FCAR</i>	2.15	2.15	1.00
NM_001761	<i>CCNF</i>	2.14	2.57	-1.20
NM_001009936	<i>PHF19</i>	2.10	2.10	1.00
NM_173564	<i>NYAP1</i>	2.06	2.06	1.00
NM_014448	<i>ARHGEF16</i>	2.03	2.15	-1.06
NM_004186	<i>SEMA3F</i>	2.03	2.03	1.00
NR_073090	<i>MEAF6</i>	2.02	2.60	-1.29
NM_152400	<i>C4orf32</i>	-2.00	-2.01	1.00
NR_003323	<i>SNORD116-8</i>	-2.01	-2.28	1.14
NM_001256394	<i>NOL8</i>	-2.01	-2.02	1.00
NM_015548	<i>DST</i>	-2.01	-2.85	1.41
NM_001025235	<i>TSPAN4</i>	-2.02	-3.62	1.79
NR_003337	<i>SNORD116-23</i>	-2.03	-2.64	1.30
NM_018649	<i>H2AFY2</i>	-2.04	-2.44	1.20
NM_201612	<i>IKBIP</i>	-2.05	-3.20	1.56
NM_024296	<i>CCDC28B</i>	-2.05	-2.17	1.06
NM_001207018	<i>SMTN</i>	-2.06	-2.93	1.42
NR_003340	<i>SNORD116-26</i>	-2.07	-2.31	1.12
NM_017549	<i>EPDR1</i>	-2.07	-2.95	1.42
NM_001130709	<i>RUFY3</i>	-2.07	-3.57	1.72
NM_001144936	<i>C11orf95</i>	-2.08	-2.39	1.15
NM_001127399	<i>YPEL5</i>	-2.08	-3.02	1.45
NM_001465	<i>FYB</i>	-2.09	-2.30	1.10
NM_001102610	<i>TUBGCP5</i>	-2.11	-2.42	1.15
NM_018351	<i>FGD6</i>	-2.15	-2.38	1.11
NM_021238	<i>FAM60A</i>	-2.16	-2.60	1.20
NM_002030	<i>FPR3</i>	-2.16	-2.14	-1.01
NM_014366	<i>GNL3</i>	-2.19	-2.69	1.23
NR_028301	<i>LOC344595</i>	-2.20	-2.42	1.10
NM_001077594	<i>EXOC3L4</i>	-2.20	-2.03	-1.08
NM_021175	<i>HAMP</i>	-2.22	-4.33	1.95
NM_001024808	<i>BCL7A</i>	-2.23	-3.26	1.46
NM_014890	<i>FILIP1L</i>	-2.24	-3.66	1.63
NM_020440	<i>PTGFRN</i>	-2.25	-3.35	1.49

NM_015431	<i>TRIM58</i>	-2.25	-2.19	-1.03
NM_020759	<i>STARD9</i>	-2.29	-2.48	1.08
NR_003320.1	<i>SNORD116-5</i>	-2.31	-2.34	1.01
NR_003322	<i>SNORD116-7</i>	-2.31	-2.34	1.01
NM_022140	<i>EPB41L4A</i>	-2.37	-2.02	-1.18
NM_002207	<i>ITGA9</i>	-2.37	-4.62	1.95
NM_173558	<i>FGD2</i>	-2.44	-2.46	1.01
NM_001001555	<i>GRB10</i>	-2.46	-3.36	1.37
NM_139320	<i>CHRFAM7A</i>	-2.48	-2.56	1.03
NM_145034	<i>TOR1AIP2</i>	-2.55	-3.90	1.53
NM_014398	<i>LAMP3</i>	-2.57	-4.56	1.77
NR_033738	<i>LOC440300</i>	-2.60	-2.43	-1.07
NM_001253845	<i>ADM2</i>	-2.60	-2.18	-1.19
NM_017688	<i>BSPRY</i>	-2.67	-2.48	-1.08
NM_145267	<i>C6orf57</i>	-2.70	-2.06	-1.31
NM_199349	<i>KCP</i>	-2.72	-2.03	-1.34
NM_015196	<i>KIAA0922</i>	-2.73	-4.24	1.55
NM_032515	<i>BOK</i>	-2.75	-2.42	-1.14
NR_002915	<i>SNORA74A</i>	-2.77	-3.63	1.31
NM_001135176	<i>NEDD1</i>	-2.84	-2.68	-1.06
NM_001029955	<i>DCAF4L1</i>	-2.87	-2.06	-1.40
NM_032438	<i>L3MBTL3</i>	-2.92	-2.29	-1.28
NM_001002029.1	<i>C4B</i>	-2.96	-2.01	-1.47
NM_001242823.1	<i>LOC100293534</i>	-2.96	-2.01	-1.47
NM_001014975	<i>CFH</i>	-2.96	-2.78	-1.07
NM_001766	<i>CD1D</i>	-3.37	-3.48	1.03
NM_001101801	<i>FAM13B</i>	-3.46	-3.88	1.12
NR_073037	<i>STOM</i>	-3.46	-3.22	-1.08
NR_038335	<i>CLU</i>	-3.48	-2.39	-1.46
NM_006398.3	<i>UBD</i>	-3.57	-6.29	1.76
NM_001243752	<i>C7orf49</i>	-3.62	-2.11	-1.71
NM_001171158	<i>SIGLEC10</i>	-3.75	-2.77	-1.36
NM_016201	<i>AMOTL2</i>	-4.42	-7.11	1.61
NM_001127493	<i>ANK2</i>	-4.55	-3.69	-1.23
NM_001127242	<i>BBC3</i>	-4.65	-3.04	-1.53
NM_002852	<i>PTX3</i>	-4.73	-5.51	1.17
NM_001001550	<i>GRB10</i>	-4.82	-4.60	-1.05
NM_001128934	<i>SYNPO2</i>	-4.88	-7.28	1.49
NM_001148	<i>ANK2</i>	-4.92	-5.35	1.09
NM_001006605	<i>FAM69A</i>	-5.89	-4.97	-1.18

Table S3. Predicted upstream regulators of transcripts that are uniquely and significantly modulated in Mob-MDM(LPS/IFN γ) relative to M-MDM(LPS/IFN γ) and GM-MDM-(LPS/IFN γ).

Upstream regulators	Activation z-score	
	Mob-MDM(LPS/IFN γ)	M-MDM(LPS/IFN γ)
	<i>vs.</i> GM-MDM(LPS/IFN γ) and M-MDM(LPS/IFN γ)	<i>vs.</i> GM-MDM(LPS/IFN γ)
CSF2	4.61	-0.64
IL2	3.98	1.92
FOXM1	3.84	0.73
AREG	3.77	0.90
PTGER2	3.75	0.60
RABL6	3.75	-0.60
ERK1/2	3.66	1.73
CCND1	3.60	1.47
IL15	3.57	1.75
MITF	3.54	-1.27
E2F3	3.47	0.96
MIF	3.39	0.10
MAPK1	3.36	0.19
CEBPB	3.22	1.00
HGF	3.20	-1.05
E. coli B5 lipopolysaccharide	3.19	0.42
KITLG	3.05	0.88
MED1	3.03	-0.43
IL17A	3.02	1.06
EGF	2.99	0.17
Vegf	2.96	0.75
JUN	2.93	-0.22
RAF1	2.90	-0.22
IL1	2.88	0.54
ERBB2	2.86	0.41
FGF2	2.85	1.19
TBX2	2.84	-0.26
EGFR	2.80	0.77
TCR	2.80	1.32
IL17a dimer	2.79	-0.19
estrogen	2.77	1.24
CCL5	2.74	0.94
CSF1	2.73	1.09
leukotriene D4	2.62	0.35
MET	2.62	0.31
Hsp90	2.62	1.50
LEP	2.61	-1.21
MAPK7	2.61	-1.07

tributyrin	2.61	0.80
NTRK2	2.61	1.12
ICAM1	2.60	1.78
Fcer1	2.60	-0.86
Pam3-Cys-Ser-Lys4	2.60	0.49
IRF2	2.59	1.10
peptidoglycan	2.58	0.26
TNFSF11	2.58	1.51
Salmonella enterica serotype abortus equi lipopolysaccharide	2.53	0.93
lipopolysaccharide	2.52	0.34
BCR (complex)	2.52	1.01
ionomycin	2.45	0.05
1,4-bis[2-(3,5- dichloropyridyloxy)] benzene	2.45	-0.31
SELPLG	2.45	0.45
E2F1	2.44	1.75
ICOS	2.43	1.71
IL-17f dimer	2.43	-0.97
MAP2K1	2.42	1.50
POMC	2.42	0.06
TRAF6	2.41	0.19
zymosan	2.41	0.20
histamine	2.41	-0.84
CD86	2.40	1.72
TLR5	2.40	0.34
EOMES	2.40	0.95
Ap1	2.40	1.06
hemozoin	2.39	0.97
PGF	2.36	1.30
E2F2	2.34	1.72
HRAS	2.32	0.36
PDGF BB	2.31	1.32
CYR61	2.29	0.61
dextran sulfate	2.29	0.16
IL1B	2.29	1.71
metribolone	2.27	0.29
CREB1	2.27	0.75
enterotoxin B	2.25	0.71
ASCL1	2.24	-0.45
EWSR1	2.24	0.00
FSH	2.24	0.45
lipoarabinomannan	2.24	0.45
SMOC2	2.24	0.45
CD40	2.23	1.30

IL12 (complex)	2.22	1.21
A23187	2.22	-0.33
IL3	2.21	-0.29
AIMP1	2.21	0.39
IGF1	2.20	-0.44
Mapk	2.20	1.45
TREM1	2.19	-0.04
MALP-2s	2.19	1.46
5-hydroxytryptamine	2.19	-0.71
TNFSF13B	2.19	0.62
RET	2.18	-0.32
MYD88	2.18	0.02
F2RL1	2.18	-0.13
ITK	2.17	0.29
NR4A1	2.17	0.65
MYB	2.15	1.11
mycophenolic acid	2.12	0.00
salmonella minnesota R595 lipopolysaccharides	2.11	0.64
Ccl2	2.11	0.59
uric acid	2.10	-0.20
TAC1	2.10	0.49
E2f	2.10	-0.35
phytohemagglutinin	2.09	0.69
8-bromo-cAMP	2.09	-0.16
phorbol myristate acetate	2.08	-0.29
resiquimod	2.08	-0.03
cholesterol	2.06	0.17
IL17F	2.06	1.28
26s Proteasome	2.03	-0.03
E. coli lipopolysaccharide	2.01	0.29
LDL	2.01	0.86
poly rI:rC-RNA	2.01	1.00
YAP1	2.00	-1.00
LATS2	2.00	-1.00
ANKRD42	2.00	-1.00
glucagon	2.00	0.00
GNAI3	2.00	0.00
4-nitroquinoline-1-oxide	2.00	0.00
Fibrinogen	2.00	1.00
CARM1	2.00	1.00
12-(3-adamantan-1-yl-ureido) dodecanoic acid	-2.00	-1.00
WWTR1	-2.00	-1.00
SMARCE1	-2.00	-1.00
vitamin D	-2.00	-1.00

TAF4	-2.00	0.00
panobinostat	-2.00	0.00
MSTN	-2.00	0.00
ATF3	-2.06	-0.94
resveratrol	-2.06	1.84
CTLA4	-2.11	-1.40
alvocidib	-2.13	0.25
Irgm1	-2.16	-0.28
NCOA2	-2.17	-0.08
Ifn	-2.17	0.27
silibinin	-2.17	-0.21
VIP	-2.17	-1.25
TSC22D3	-2.18	-0.29
ABCG1	-2.19	-0.18
2-deoxyglucose	-2.20	-0.44
methotrexate	-2.21	0.70
triflusal	-2.21	0.39
SMARCB1	-2.22	0.43
CBX5	-2.22	-1.11
Ciap	-2.22	0.55
UXT	-2.23	1.06
DYRK1A	-2.24	0.45
BMS-690514	-2.24	-1.34
celecoxib	-2.24	0.24
TP73	-2.33	-1.53
dexamethasone	-2.39	-0.98
glucocorticoid	-2.39	1.21
sulforafan	-2.39	0.80
PRDM1	-2.40	-1.17
mir-21	-2.41	-0.70
salicylic acid	-2.42	0.59
Go 6976	-2.43	-0.13
rotenone	-2.43	-0.13
fulvestrant	-2.50	-0.44
zinc	-2.56	0.97
medroxyprogesterone acetate	-2.57	0.73
simvastatin	-2.58	0.05
infliximab	-2.61	-0.69
2-amino-5-phosphonovaleric acid	-2.63	-0.24
Rb	-2.65	-0.94
CDKN2A	-2.65	-1.76
imipramine blue	-2.75	-0.57
KDM5B	-2.81	1.87
alefacept	-2.81	-1.91
epigallocatechin-gallate	-2.90	-0.88

U0126	-3.05	-0.80
vorinostat	-3.05	-0.92
aspirin	-3.08	-0.63
NUPR1	-3.15	-1.96
RBL2	-3.18	-0.28
let-7	-3.20	0.02
RBL1	-3.23	-1.59
miR-155-5p (miRNAs w/seed UAAUGCU)	-3.27	-0.82
curcumin	-3.27	0.17
TP53	-3.29	1.21
RB1	-3.35	-0.69
calcitriol	-3.49	-0.43
CD28	-3.52	-0.11
CDKN1A	-3.66	0.04
CD3	-3.97	-1.86
LY294002	-4.31	-1.74

Table S4. Predicted biological functions that are uniquely and significantly modulated in Mob-MDM(LPS/IFN γ) relative to M-MDM(LPS/IFN γ) and GM-MDM-(LPS/IFN γ).

Diseases and Bio Functions	Activation z-score	
	Mob-MDM(LPS/IFN γ)	M-MDM(LPS/IFN γ)
	<i>vs.</i> GM-MDM(LPS/IFN γ) and M-MDM(LPS/IFN γ)	<i>vs.</i> GM-MDM(LPS/IFN γ)
Activation of blood cells	3.70	1.05
Activation of cells	3.63	1.08
Cellular homeostasis	3.62	0.55
Activation of lymphatic system cells	3.60	1.44
Activation of leukocytes	3.60	0.88
Leukopoiesis	3.57	0.37
Cell cycle progression	3.51	-0.66
Activation of lymphocytes	3.50	1.33
Differentiation of mononuclear leukocytes	3.45	-0.12
Cell proliferation of tumor cell lines	3.34	0.68
Lymphocyte homeostasis	3.33	0.47
Hematopoiesis of mononuclear leukocytes	3.33	0.07
Growth of malignant tumor	3.33	-0.74
Cell survival	3.31	0.30
Lymphopoiesis	3.28	0.24
Stimulation of cells	3.23	0.81
Mitosis	3.20	-1.47
Metabolism of DNA	3.14	0.85
Infiltration by myeloid cells	3.12	1.19
Cellular infiltration by myeloid cells	3.03	1.06
T cell development	2.97	0.07
Proliferation of tumor cells	2.96	-0.63
Activation of neutrophils	2.95	0.38
Cellular infiltration by granulocytes	2.90	0.91
Activation of T lymphocytes	2.88	1.38
Synthesis of reactive oxygen species	2.87	0.26
Cell viability	2.87	-0.12
Proliferation of cancer cells	2.85	-0.04

Metabolism of reactive oxygen species	2.84	0.28
Recruitment of cells	2.83	0.03
Activation of granulocytes	2.83	0.34
Cell movement of myeloid cells	2.80	1.13
Maturation of leukocytes	2.80	-0.67
Growth of epithelial tissue	2.79	-0.74
Mobilization of neutrophils	2.77	-0.19
Cellular infiltration by phagocytes	2.74	0.84
Cell proliferation of carcinoma cell lines	2.70	-0.57
Differentiation of helper T lymphocytes	2.65	-1.15
Angiogenesis	2.58	0.13
Development of vasculature	2.58	0.13
Chemotaxis of leukocytes	2.55	1.62
Mobilization of leukocytes	2.54	0.31
Influx of leukocytes	2.54	-0.21
Chemotaxis of myeloid cells	2.54	1.25
Binding of myeloid cells	2.52	1.22
Ion homeostasis of cells	2.51	0.94
Differentiation of T lymphocytes	2.50	0.54
Mobilization of myeloid cells	2.49	-0.54
Stimulation of leukocytes	2.49	0.54
Interaction of DNA	2.47	1.57
Chemotaxis	2.42	0.84
Flux of Ca ²⁺	2.41	0.96
Maturation of lymphatic system cells	2.37	-0.21
Adhesion of immune cells	2.35	1.14
Accumulation of cells	2.34	-0.87
Mobilization of blood cells	2.33	0.08
Homing of cells	2.32	0.89
Stimulation of lymphocytes	2.31	1.18
Binding of professional phagocytic cells	2.31	1.12
Flux of ion	2.30	0.63
Cell movement of granulocytes	2.28	0.67
Tumorigenesis of neuroepithelial tumor	2.27	-0.55

Migration of myeloid cells	2.26	-0.45
Digestive system cancer	2.24	-0.88
Cell movement of macrophages	2.24	0.64
Growth of tumor	2.23	-0.40
Maturation of blood cells	2.21	-1.40
Influx of blood cells	2.21	-0.46
Homing of leukocytes	2.20	1.88
Binding of DNA	2.19	1.62
Interphase of gonadal cells	2.18	-1.21
Cell viability of tumor cells	2.18	1.15
Cell movement of phagocytes	2.17	1.11
Migration of cells	2.17	0.45
Activation of phagocytes	2.15	0.00
Abdominal cancer	2.15	-0.61
Alignment of chromosomes	2.14	0.00
Phosphorylation of protein	2.12	-0.19
Recruitment of leukocytes	2.12	-0.07
Adhesion of blood cells	2.10	0.44
Eosinophilia	2.10	-0.65
Glioma	2.07	-0.27
Cell movement	2.07	0.28
Binding of blood cells	2.06	0.36
Cell movement of antigen presenting cells	2.06	1.21
Binding of leukocytes	2.05	0.89
Chemotaxis of neutrophils	2.04	0.87
Gastrointestinal tract cancer	2.03	-1.19
Quantity of lymphoid cells	2.02	1.13
Maturation of cells	2.01	-0.97
Migration of granulocytes	2.01	-0.21
Transmigration of cells	2.00	0.34
Entry into interphase of oocytes	2.00	-1.00
Malignant neoplasm of large intestine	2.00	-1.00
Apoptosis of cancer cells	-2.28	1.33
Myelopoiesis of hematopoietic progenitor cells	-2.38	-1.67
Megakaryocytopoiesis	-2.55	-1.18
Hematopoiesis of bone marrow cells	-2.55	-1.18
Myelopoiesis of bone marrow	-2.55	-1.18

Hematopoiesis of bone marrow	-2.55	-1.18
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