

GeneID	Dynabeads	baseMean	log2FoldChange	lfcSE	stat	pvalue	padj	GeneName	GeneDescription	EntrezID	neg_log10padj	Regulation.Direction	Expamers
ENSG00000121807.5	893,8381542	4326,266888	2,509195823	0,06830113	36,73725212	1,86E-295	3,06E-291	CCR2	chemokine (C motif) receptor 2	729230	290,5148073	Upregulated	5184,374072
ENSG0000011796.3	171,8606164	2280,431839	3,813804551	0,106153054	35,92741254	1,14E-282	9,38E-279	KLRB1	killer cell lectin-like receptor subfamily B, member 1	3820	278,027831	Upregulated	2807,574645
ENSG00000115956.9	281,7229522	3514,849467	3,664044697	0,119183846	30,74279619	1,53E-207	8,37E-204	PLEK	pleckstrin	5341	203,073654	Upregulated	4323,131096
ENSG0000012682.16	636,59815	2533,943419	2,190856148	0,073869465	29,65848122	2,64E-193	1,08E-189	PLEKHG3	pleckstrin homology domain containing, family G (with RhoGef domain) member 3	26030	188,9649002	Upregulated	3008,279737
ENSG00000113088.5	408,0200475	2262,243984	2,631436561	0,089963665	29,24999289	4,49E-188	1,48E-184	GZMK	granzyme K (granzyme 3; tryptase II)	3003	183,304948	Upregulated	2725,799968
ENSG00000100450.12	192,8465176	3224,353267	3,905560133	0,133689072	29,2137574	1,30E-187	3,56E-184	GZMH	granzyme H (cathepsin G-like 2, protein h-CGPX)	2999	183,4491206	Upregulated	3982,229554
ENSG00000150938.9	35,9319957	735,4794196	4,006341654	0,15907078	25,18590559	5,72E-140	1,34E-136	CRIM1	cysteine rich transmembrane BMP regulator 1 (chordin-like)	51232	135,8718591	Upregulated	910,3662768
ENSG00000172215.5	493,7070147	1913,700179	2,129504917	0,084771863	25,12042314	2,98E-139	6,12E-136	CXCR6	chemokine (C-X-C motif) receptor 6	10663	135,2133818	Upregulated	2268,69847
ENSG00000112486.14	10,21070449	647,1186758	4,727005345	0,190944262	24,7559434	2,68E-135	4,89E-132	CCR6	chemokine (C-C motif) receptor 6	1235	131,3107234	Upregulated	806,3456686
ENSG00000164399.12	2215,263336	965,1824918	-1,734807549	0,072028944	-24,0846719	3,60E-128	5,92E-125	ACSL6	acyl-CoA synthetase long-chain family member 6	23305	124,2273878	Downregulated	652,662807
ENSG00000160791.13	929,2856863	6825,531347	2,862764518	0,122809465	23,31061786	3,46E-120	5,17E-117	CCR5	chemokine (C-C motif) receptor 5 (gene/pseudogene)	1234	116,2862128	Upregulated	8299,592763
ENSG00000000971.15	48,37936082	453,6341886	3,157176902	0,143580461	21,98890357	3,68E-107	5,04E-104	CFH	complement factor H	3075	103,297496	Upregulated	554,9478955
ENSG00000135362.13	196,9161175	1084,127638	2,52480948	0,115034667	21,94824872	9,00E-107	1,14E-103	PRRS1	proline rich 5 like	79899	102,9435766	Upregulated	1305,930518
ENSG00000159640.15	1022,004168	286,1277581	-3,055122958	0,139889064	-21,83961259	9,76E-106	1,15E-102	ACE	angiotensin I converting enzyme	1636	101,9406581	Downregulated	120,1586554
ENSG00000275302.1	65,76178155	711,0610103	3,277045466	0,152863967	21,43765814	5,95E-102	6,53E-99	CCL4	chemokine (C-C motif) ligand 4	6351	98,1852048	Upregulated	872,3858175
ENSG00000180739.13	19,18159059	401,4110913	3,816831021	0,179454543	21,26908761	2,20E-100	2,26E-97	S1PR5	sphingosine-1-phosphate receptor 5	53637	96,64638102	Upregulated	496,9684665
ENSG00000130589.16	234,6179142	868,5955375	2,041444343	0,098235015	20,781229	6,40E-96	6,19E-93	HEL2Z	helicase with zinc finger 2, transcriptional coactivator	85441	92,2081615	Upregulated	1027,089943
ENSG00000142634.12	2275,074177	6046,974125	1,569850162	0,077126701	20,35417222	4,26E-92	3,90E-89	EFHD2	EF-hand domain family, member D2	79180	88,40935054	Upregulated	6989,944617
ENSG00000155629.14	197,5429976	813,2722968	2,65881571	0,107025711	20,23697151	4,63E-91	4,01E-88	PIK3AP1	phosphoinositide-3-kinase adaptor protein 1	118788	87,39729876	Upregulated	967,2046217
ENSG00000175274.18	29,52369187	448,5981756	3,505694944	0,174097174	20,13642644	3,54E-90	2,91E-87	TP53I11	tumor protein p53 inducible protein 11	9537	86,5359645	Upregulated	553,3667965
ENSG00000232653.8	38,54302415	487,487071	3,317754058	0,167079496	19,87533817	9,52E-88	7,46E-85	GOLGA8N	golgin A8 family, member N	643699	84,12735259	Upregulated	599,7230827
ENSG00000104972.15	24,75380248	609,6701834	3,716697963	0,192081116	19,34962711	2,05E-83	1,54E-80	LILRB1	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1	10859	79,24387368	Upregulated	755,8992786
ENSG00000169252.5	125,0616775	815,0110583	2,64616814	0,13725546	19,27914667	8,04E-83	5,57E-80	ADRB2	adrenoceptor beta 2, surface	154	79,4204323	Upregulated	987,4980434
ENSG00000221869.4	23,14915747	317,9125408	3,394324753	0,17691636	19,18604226	4,84E-82	3,32E-79	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	1052	78,47913063	Upregulated	391,603866
ENSG00000158321.15	181,852753	1181,831314	2,640777037	0,138161608	19,1368198	1,94E-81	1,28E-78	AUTS2	autism susceptibility candidate 2	26053	77,8934238	Upregulated	1431,8226
ENSG00000162630.5	39,6903573	409,1162117	3,161784564	0,165884358	19,06017304	5,41E-81	3,42E-78	B3GALT2	UDP-Gal-beta4GlcNAc beta 1,3-galactosyltransferase, polypeptide 2	8707	77,46569817	Upregulated	501,4725645
ENSG00000067141.16	106,9694261	493,569369	2,29434503	0,121334345	18,90927932	9,57E-80	5,83E-77	NEO1	neogenin 1	4756	76,2345265	Upregulated	590,2193547
ENSG00000139187.9	206,2173258	1161,365308	2,475413899	0,132171112	18,72885726	2,88E-78	1,69E-75	KLRG1	killer cell lectin-like receptor subfamily G, member 1	10219	74,77160375	Upregulated	1400,152304
ENSG00000163823.3	27,3354722	441,9044134	3,435432818	0,115034667	18,48695966	2,63E-76	1,49E-73	CCR1	chemokine (C-C motif) receptor 1	1230	72,82638008	Upregulated	545,5466487
ENSG00000168229.3	13,84280852	322,6251914	3,587543951	0,197542877	18,16083678	1,05E-73	5,78E-71	PTGDR	prostaglandin D2 receptor (DP)	5729	70,23814372	Upregulated	412,3207872
ENSG00000062524.15	31,80880831	446,4003891	3,283997271	0,184254538	17,82315547	4,67E-71	2,48E-68	LYK	leukocyte receptor tyrosine kinase	4058	67,60569997	Upregulated	550,0482854
ENSG00000168329.13	177,3403365	3772,068915	3,508300191	0,199123538	17,61871158	1,77E-69	9,10E-67	CXCR3	chemokine (C-X3-C motif) receptor 3	1524	66,04108787	Upregulated	4670,75106
ENSG00000114166.7	1814,955274	3995,842006	1,301302814	0,074215175	17,53418784	7,86E-69	3,92E-66	KAT2B	K(lysine) acetyltransferase 2B	8850	65,4071769	Upregulated	451,063689
ENSG00000185697.16	210,5152148	895,5107401	2,170288903	0,124857458	17,38213264	1,13E-67	5,45E-65	MYBL1	v-myb avian myeloblastosis viral oncogene homolog-like 1	4603	64,26350383	Upregulated	1066,759621
ENSG00000044115.20	624,7255333	1295,041779	2,06673072	0,070598862	17,09196198	7,70E-65	8,01E-63	CTNNA1	catenin (cadherin-associated protein), alpha 1, 102kDa	1495	62,09662581	Upregulated	1462,620835
ENSG00000101665.8	99,57382128	461,0032231	2,251737426	0,132540071	16,98910861	8,89E-65	4,52E-62	SMAD7	SMAD family member 7	4092	61,34505654	Upregulated	551,3605736
ENSG00000203747.9	100,0354053	794,0178358	2,820053573	0,166356329	16,9518683	1,86E-64	8,29E-62	FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	2214	61,08169655	Upregulated	967,5134097
ENSG00000148848.14	21,50560749	298,9810003	3,211315367	0,189607292	16,9366666	2,41E-64	1,04E-61	ADAM12	ADAM metalloproteinase domain 12	8038	60,9808877	Upregulated	368,3498485
ENSG00000205336.11	319,6346957	1572,169813	2,201868547	0,132395029	16,63105146	4,15E-62	1,75E-59	ADGRG1	NA	9289	58,566494	Upregulated	1885,303592
ENSG00000115607.9	72,48132001	348,8864443	2,301322985	0,140263448	16,40714683	1,70E-60	6,99E-58	IL18RAP	interleukin 18 receptor accessory protein	8807	57,15547432	Upregulated	417,9872554
ENSG0000013518.11	2242,098924	907,9591571	-1,868882519	0,114055055	-16,38570271	2,42E-60	9,71E-58	NT5E	5'-nucleotidase, cyto (CD73)	4907	57,01293338	Downregulated	574,4242153
ENSG0000008969.2	292,5810994	1001,516664	1,840470052	0,112883561	16,30414592	9,22E-60	3,61E-57	LAG3	lymphocyte-activation gene 3	3902	56,44231597	Upregulated	1178,750555
ENSG00000124526.14	172,162315	671,9577466	1,997205725	0,123136405	16,21945776	3,67E-59	1,41E-56	ZBP1	Z-DNA binding protein 1	81030	55,85218766	Upregulated	796,906044
ENSG00000156475.13	78,55929652	517,4540429	2,53561766	0,158431797	16,00447454	1,19E-57	4,45E-55	PPP2R2B	protein phosphatase 2, regulatory subunit B, beta	5521	54,35211055	Upregulated	627,1777295
ENSG0000023902.13	631,3129548	1660,254044	1,520954298	0,09895666	16,0055296	6,20E-53	9,50E-51	PLEKHA1	pleckstrin homology domain containing, family O member 1	51177	50,02219858	Upregulated	1917,489316
ENSG00000198846.5	164,859202	720,1042527	2,083297063	0,135833615	15,33712445	4,32E-53	1,54E-50	TOX	thymocyte selection-associated high mobility group box	9760	49,81125362	Upregulated	858,9155154
ENSG00000134545.13	208,1376111	656,7688766	1,780399108	0,117265297	15,18265977	6,61E-52	1,61E-49	KLRC1	killer cell lectin-like receptor subfamily C, member 1	3821	48,7925528	Upregulated	768,926693
ENSG00000178573.6	1453,467011	4319,347906	1,717954684	0,114927617	14,94229432	1,75E-50	5,99E-48	MAF	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog	4094	47,22242624	Upregulated	5035,818129
ENSG0000007264.13	253,8523515	1380,427783	2,329134168	0,156560774	14,8768693	6,66E-50	1,56E-47	MATK	megakaryocyte-associated tyrosine kinase	4145	46,80589172	Upregulated	1662,071641
ENSG00000150687.11	36,83634611	324,359649	2,69594752	0,182672456	14,75643789	2,80E-49	9,20E-47	PRSS23	protease, serine, 23	11098	46,03621614	Upregulated	396,2404747
ENSG00000204161.13	759,2000133	1557,055324	1,176399523	0,079762232	14,74882911	3,13E-49	1,01E-46	C10orf128	chromosome 10 open reading frame 128	170371	45,99584499	Upregulated	1756,519152
ENSG00000178660.8	244,3867222	804,5771316	1,878507953	0,12837707	14,63273736	1,74E-48	5,49E-46	MSC	musclin	9242	45,26019727	Upregulated	944,6247339
ENSG00000211689.7	1026,79018	2383,26675	1,392111509	0,095383473	14,59489226	3,03E-48	9,39E-46	TRGC1	T cell receptor gamma constant 1	445347	45,02716394	Upregulated	2722,385893
ENSG00000144290.16	87,63221566	389,918524	2,138434415	0,14804824	14,44417317	2,73E-47	8,31E-45	SLC4A10	solute carrier family 4, sodium bicarbonate transporter, member 10	57282	44,08041808	Upregulated	465,0176116
ENSG00000197872.11	38,69864404	260,5483004	2,488641152	0,172431166	14,3266442	3,22E-47	9,64E-45	FAM49A	family with sequence similarity 49, member A	81553	44,01587816	Upregulated	316,9107145
ENSG00000158470.5	886,842783	1953,379552	1,272922426	0,088632412	14,36152509	9,02E-47							

ENSG00000182985.16	78,62756525	235,4003198	1,626978217	0,17044715	9,545353029	1,36E-21	1,14E-19	CADM1	cell adhesion molecule 1	23705	18,94151831	Upregulated	274,5935084
ENSG0000000938.12	31,45865907	499,3161672	5,1261430514	0,237769063	9,511037662	1,89E-21	1,58E-19	FGR	feline Gardner-Rasheed sarcoma viral oncogene homolog	2268	18,80242008	Upregulated	616,2805442
ENSG00000005653.14	169,4103434	357,4612952	1,160055321	0,122013036	9,507634226	1,95E-21	1,62E-19	ABC1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	5243	18,79041118	Upregulated	404,4740332
ENSG00000164949.7	6,087517724	81,47906266	2,245449816	0,236335646	9,50105127	2,08E-21	1,72E-19	GEM	GTP binding protein overexpressed in skeletal muscle	2669	18,76535686	Upregulated	100,369489
ENSG00000147883.10	3,063211348	115,6734601	2,310712709	0,244718418	9,442332657	3,65E-21	2,97E-19	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	1030	18,52745585	Upregulated	143,8260223
ENSG00000243772.7	15,17511873	90,909007	2,064558737	0,218695534	9,440333336	3,72E-21	3,01E-19	KIR2DL3	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 3	3804	18,52131266	Upregulated	109,8424791
ENSG00000170837.2	23,7958601	101,1415389	1,85740788	0,19699749	9,428586546	4,16E-21	3,35E-19	GPR27	G protein-coupled receptor 27	2850	18,47478705	Upregulated	120,4779586
ENSG00000073350.13	360,1603931	863,8098397	1,285537339	0,136742155	9,401177968	5,40E-21	4,33E-19	LLGL2	lethal giant larvae homolog 2 (Drosophila)	3993	18,36360441	Upregulated	989,722013
ENSG00000110987.8	570,6946904	268,39379	-1,443908943	0,153642091	-9,39787352	4,45E-19	4,45E-19	BCL7A	B-cell CLL/lymphoma 7A	605	18,35207907	Downregulated	192,8185649
ENSG00000221957.8	16,94492484	96,61730341	2,005395516	0,21383881	9,378070883	6,72E-21	5,34E-19	KIR2DS4	killer cell immunoglobulin-like receptor, two domains, short cytoplasmic tail, 4	3809	18,2725476	Upregulated	116,5353981
ENSG00000130834.10	515,0915067	296,6470691	-1,039659075	0,110945812	-9,370872639	7,19E-21	5,66E-19	MPP1	membrane protein, palmitoylated 1, 55kDa	4354	18,24709118	Downregulated	242,0359597
ENSG00000187210.12	187,8865039	594,0553582	1,55655728	0,166119626	9,370098626	7,25E-21	5,68E-19	GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2	2650	18,2459792	Upregulated	695,5975718
ENSG00000204472.12	571,8530384	259,9905366	-1,506341179	0,160787024	-9,368549405	7,35E-21	5,73E-19	AI1F1	allograft inflammatory factor 1	199	18,24166825	Downregulated	182,0249112
ENSG00000182463.15	537,4192592	247,0626874	-1,444414325	0,154224561	-9,365656883	7,56E-21	5,86E-19	TSZH2	teashirt zinc finger homeobox 2	128553	18,23182343	Downregulated	174,4735445
ENSG00000136161.12	3337,396976	6398,060609	1,048102951	0,111985213	9,35929772	8,03E-21	6,20E-19	RCBTB2	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2	1102	18,20772175	Upregulated	7163,226517
ENSG00000159733.13	473,2900662	943,2454068	1,079702573	0,115672369	9,334144223	1,02E-20	7,83E-19	ZFYVE28	zinc finger, FYVE domain containing 28	57732	18,1665087	Upregulated	1060,734257
ENSG00000143365.16	130,7263813	1172,556888	2,137568799	0,229183564	9,326885217	1,09E-20	8,34E-19	RORC	RAR-related orphan receptor C	6097	18,0788798	Upregulated	143,014515
ENSG00000128604.18	136,6435972	352,8902447	1,393205167	0,151584588	9,190942067	3,89E-20	2,92E-18	IRF5	interferon regulatory factor 5	3663	17,5397177	Upregulated	406,5919066
ENSG00000122547.10	339,2295591	164,0712618	-1,319543623	0,144227946	-9,14901486	5,75E-20	4,26E-18	EEPD1	endonuclease/exonuclease/phosphatase family domain containing 1	80820	17,37091139	Downregulated	120,2816875
ENSG00000106701.11	94,74080383	230,1943709	1,341006695	0,146970287	9,124338812	7,22E-20	5,25E-18	FSDL1	fibronectin type III and SPRY domain containing 1-like	83856	17,2960571	Upregulated	264,0577227
ENSG00000138378.17	1127,970126	2173,601376	1,037945303	0,113997999	9,104943155	8,63E-20	6,23E-18	STAT4	signal transducer and activator of transcription 4	6775	17,20575246	Upregulated	235,009188
ENSG00000409768.14	41,86388842	271,5938262	1,930301515	0,213882364	9,025061619	1,80E-19	1,28E-17	FOXP3	forkhead box P3	50943	16,89320641	Upregulated	349,0231606
ENSG00000189430.12	7,599670913	66,16120205	2,081954618	0,23118626	9,005529215	2,15E-19	1,52E-17	NCR1	natural cytotoxicity triggering receptor 1	9437	16,81768824	Upregulated	80,80158484
ENSG00000235531.9	80,9512661	229,4588341	1,450668292	0,16134457	8,991119394	2,45E-19	1,72E-17	MSC-A51	NA	100132891	16,76442437	Upregulated	266,5856471
ENSG00000139193.3	5588,113762	3109,184426	-1,138328647	0,126961311	-9,965949054	3,08E-19	2,14E-17	CD27	CD27 molecule	939	16,6687841	Downregulated	2489,452092
ENSG00000171956.6	174,564418	52,24655124	-2,149898773	0,240072987	-9,955188178	3,39E-19	2,33E-17	FOXB1	forkhead box B1	72023	16,63188447	Downregulated	187,6171539
ENSG00000096675.15	1980,78562	4263,811199	1,182669219	0,132950692	8,895547674	5,81E-19	3,95E-17	RORA	RAR-related orphan receptor A	6095	16,40328779	Upregulated	4,834,567594
ENSG00000115363.13	79,3616190	18,2389403	-2,219312394	0,249536866	-8,893725513	5,91E-19	4,00E-17	EVA1A	eva-1 homolog A (C. elegans)	84141	16,39795708	Downregulated	29,51627054
ENSG00000197057.8	13,21078778	80,51938996	1,981596973	0,223358383	8,872722964	7,14E-19	4,79E-17	DTHD1	death domain containing 1	401124	16,19349408	Upregulated	97,34654051
ENSG00000227028.6	232,0942317	70,11417841	-2,14156121	0,241467517	-8,868941212	7,38E-19	4,94E-17	SLC8A1-AS1	SLC8A1 antisense RNA 1	100128590	16,30650299	Downregulated	29,61916508
ENSG00000139289.13	411,710139	856,0446178	1,137436917	0,128914425	8,823193487	1,11E-18	7,38E-17	PHLDA1	pleckstrin homology-like domain, family A, member 1	22822	16,13207411	Upregulated	967,1283051
ENSG00000116661.9	2,53223638	53,81821346	2,159833891	0,244847988	8,812121654	1,13E-18	7,49E-17	F-box protein 2	F-box protein 2	26232	16,1257842	Upregulated	66,63946091
ENSG00000073282.12	531,4925021	229,7637812	-1,520926876	0,173244425	-8,779081228	1,65E-18	1,08E-16	TP63	tumor protein p63	8626	15,96828947	Downregulated	154,331601
ENSG00000205730.6	51,42789029	163,5845969	1,550161865	0,201157263	8,757032663	2,00E-18	1,29E-16	ITPR1L2	inositol 1,4,5-trisphosphate receptor interacting protein-like 2	162073	15,88972293	Upregulated	191,6237736
ENSG00000031081.10	36,42307331	184,917747	1,885653988	0,215332668	8,756933623	2,01E-18	1,29E-16	ARHGAP31	Rho GTPase activating protein 31	57514	15,88972293	Upregulated	222,0414155
ENSG00000244165.1	229,2013221	478,8900425	1,096544959	0,126048418	8,699394837	3,34E-18	2,11E-16	P2RY11	purinergic receptor P2Y, G-protein coupled, 11	5032	15,7555578	Upregulated	541,3122226
ENSG00000232434.2	126,7683556	282,5312456	1,218045408	0,140246465	8,683920116	3,82E-18	2,40E-16	C9orf172	chromosome 9 open reading frame 172	389813	15,56197182	Upregulated	321,4719631
ENSG0000051707.13	9,758526723	59,6995634	1,9461817	0,224631563	8,67430978	4,16E-18	2,60E-16	FCHO2	FCH domain only 2	115548	15,58468012	Upregulated	72,11853174
ENSG0000014739.13	638,9610719	364,72408	-1,041755193	0,120409008	-8,651804617	5,07E-18	3,16E-16	ACVR2B	activin A receptor, type IIb	93	15,50055674	Downregulated	296,1648321
ENSG00000239713.7	2329,662772	4431,846688	1,007411458	0,116675426	8,634306972	5,91E-18	3,67E-16	APOBEC3G	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G	60489	15,43566186	Upregulated	4957,391542
ENSG00000136002.16	184,3615735	82,5739824	-1,473991627	0,171266518	-8,60642025	7,54E-18	4,64E-16	ARHGEP4	Rho guanine nucleotide exchange factor (GEF) 4	50649	15,33315616	Downregulated	57,08209242
ENSG0000018752.10	38,68396216	148,8257899	1,665312572	0,194109989	8,579221399	9,55E-18	5,84E-16	CDC42BPB	CDC42 binding protein kinase beta (DMPK-like)	9578	15,2355637	Upregulated	176,3612468
ENSG00000115374.4	143,9613921	434,7043122	1,484894502	0,173111579	8,577672935	9,68E-18	5,90E-16	IFNG	interferon, gamma	3458	15,2292254	Upregulated	507,3900422
ENSG00000138795.9	11892,40396	6752,571516	-1,124687188	0,131579124	-8,54761115	1,26E-17	7,57E-16	LEF1	lymphoid enhancer-binding factor 1	51176	15,1208447	Downregulated	5467,6066554
ENSG0000006756.15	61,8720246	162,0090411	1,393861907	0,163429314	8,528836529	1,48E-17	8,87E-16	ARSD	arylsulfatase D	414	15,05188398	Upregulated	187,0432614
ENSG00000174600.13	4,53645938	69,12545147	2,063364009	0,242751253	8,499797158	1,90E-17	1,13E-15	CKM1R1	chemokine-like receptor 1	1240	14,94622009	Upregulated	85,3662914
ENSG00000186594.12	168,2380536	370,1823982	1,198933454	0,14115356	8,493823678	2,00E-17	1,18E-15	MIR22HG	MIR22 host gene (non-protein coding)	84981	14,92857497	Upregulated	420,6684843
ENSG00000232022.7	4,53645938	69,12545147	2,063364009	0,242751253	8,499797158	1,90E-17	1,13E-15	FAAHP1	NA	NA	14,74173606	Upregulated	57,85066876
ENSG00000099282.9	11,64504774	90,36276453	1,94734941	0,230969345	8,431202883	3,42E-17	1,99E-15	TSPAN15	tetraspanin 15	23555	14,70148218	Upregulated	109,9971937
ENSG0000012689.12	267,9043667	560,3732121	1,11826836	0,133274094	8,390879321	4,83E-17	2,78E-15	RASGRP3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)	25780	14,55521693	Upregulated	633,4902435
ENSG00000073861.2	877,0312471	1945,347196	1,126691084	0,134391246	8,383664278	5,13E-17	2,94E-15	TBX21	T-box 21	30009	14,5316092	Upregulated	2212,4260184
ENSG00000176333.17	12,39378339	80,69159201	1,917226765	0,230098808	8,33218904	7,94E-17	4,52E-15	KIR3DL1	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1	3811	14,3451771	Upregulated	97,7660417
ENSG00000101400.5	227,4557391	448,9195361	1,060644139	0,12733594	8,328081899	8,22E-17	4,66E-15	SNTA1	synaptrophin, alpha 1	6640	14,33161036	Upregulated	50,2854853
ENSG00000185215.8	4,41974465	52,80477811	2,019059041	0,242503546	8,325894911	8,37E-17	4,73E-15	TNFAIP2	tumor necrosis factor, alpha-induced protein 2	7127	14,32508542	Upregulated	64,00103647
ENSG00000136193.16	105,2333844	229,450849	1,180742588	0,142207529	8,299293182	1,05E-16	5,90E-15	SCRN1	secernin 1	9805	14,22918779	Upregulated	260,5053851
ENSG00000160856.20	22,34683497	99,15595184	1,756065072	0,212831562	8,250961741	1,57E-16	8,79E-15	FCRL3	Fc receptor-like 3	115352	14,05598935	Upregulated	118,582311
ENSG00000119917.13	20,69374378	88,77813906	1,7570968	0,213189653	8,241942192	1,69E-16							

ENSG00000125657.4	30,56898541	98,13481288	1,409943075	0,214776606	6,564695772	5,21E-11	1,55E-09	TNFSF9	tumor necrosis factor (ligand) superfamily, member 9	8744	8,810745132	Upregulated	115,0262697
ENSG00000205683.11	12,62721322	52,63781113	1,51772727	0,231205562	6,564603	5,22E-11	1,55E-09	DPF3	D4, zinc and double PHD fingers, family 3	8110	8,810745132	Upregulated	62,6404601
ENSG00000272763.1	1,05997542	27,67381195	1,64827677	0,251776635	6,546583514	5,89E-11	1,74E-09	RP11-357H14.17	NA	NA	8,760640082	Downregulated	34,3272109
ENSG00000184792.15	203,135032	111,7820739	-1,034854485	1,58981868	-6,509261088	7,55E-11	2,21E-09	OSBP2	oxysterol binding protein 2	23762	8,65632548	Downregulated	88,9438347
ENSG00000137628.16	473,411217	95,193349	1,01523942	1,156004436	6,507759956	7,63E-11	2,22E-09	DDX60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	55601	8,652751158	Upregulated	1070,638906
ENSG0000048052.21	4,692079448	45,6785557	1,619024594	0,24947637	6,489691176	8,60E-11	2,48E-09	HDAC9	histone deacetylase 9	9734	8,605200187	Upregulated	55,9251476
ENSG00000196407.11	55,29342414	128,4706981	1,18238223	0,182312197	6,485480671	8,84E-11	2,54E-09	THEM5	thioesterase superfamily member 5	284486	8,594588339	Upregulated	146,7650166
ENSG00000158292.6	2,611033579	29,91214873	1,607140009	0,250397435	6,418356511	1,38E-10	3,87E-09	GPR153	G protein-coupled receptor 153	387509	8,412682321	Upregulated	36,7342752
ENSG0000010278.11	327,3650233	168,1143729	-1,208963839	1,189038574	-6,395328802	1,60E-10	4,46E-09	CD9	CD9 molecule	928	8,350805786	Downregulated	128,3017104
ENSG0000034053.14	84,4522894	182,6457828	1,093601029	0,171008867	6,394996032	1,61E-10	4,46E-09	APBA2	amyloid beta (A4) precursor protein-binding, family A, member 2	321	8,350594173	Upregulated	207,1941561
ENSG00000104312.7	50,03245201	124,9193182	1,200450837	0,188129248	6,380989941	1,76E-10	4,86E-09	RIPK2	receptor-interacting serine-threonine kinase 2	8767	8,313022333	Upregulated	143,6410347
ENSG00000171954.12	68,87035082	66,89970432	1,406106246	0,220578137	6,374640137	1,83E-10	5,04E-09	CYP4F22	cytochrome P450, family 4, subfamily F, polypeptide 22	126410	8,297849072	Upregulated	78,90740269
ENSG00000176356.6	123,5054787	51,21763525	-1,421220582	0,22349591	-6,359045141	2,03E-10	5,56E-09	PLXNA2	plexin A2	5362	8,255240206	Downregulated	33,14567439
ENSG00000150722.10	24,0777361	5,320981706	-1,342883284	0,212446391	-6,321045409	2,60E-10	7,09E-09	PPP1R1C	protein phosphatase 1, regulatory (inhibitor) subunit 1C	151242	8,149565634	Downregulated	0,631793107
ENSG0000007237.18	21,8946572	71,02702327	1,382164505	0,218863716	6,315183384	2,70E-10	7,34E-09	GAS7	growth arrest-specific 7	8527	8,134533854	Upregulated	83,31011479
ENSG00000152192.7	109,2839018	39,25092945	-1,539620019	0,243991513	-6,310137591	2,79E-10	7,55E-09	POU4F1	POU class 4 homeobox 1	5457	8,121802288	Downregulated	21,74268636
ENSG00000173040.12	18,84612773	60,35514691	1,396785562	0,221542095	6,304831415	2,89E-10	7,80E-09	EVCC	Ellis van Creveld syndrome 2	132884	8,107632993	Upregulated	70,7324017
ENSG00000171954.12	136,1084688	580,3736705	1,462433724	0,232559325	6,288432964	3,21E-10	8,59E-09	SIGLEC1P7	sialic acid binding Ig-like lectin 17, pseudogene	284367	8,065974611	Upregulated	691,4399709
ENSG00000064989.12	38,23178439	11,29230196	-1,578562097	0,251880283	-6,267112605	3,68E-10	9,82E-09	CALCR	calcitonin receptor-like	10203	8,007850942	Downregulated	45,5743135
ENSG0000018479.9	88,41985628	188,4977963	1,080308522	0,172549273	6,260869748	3,83E-10	1,02E-08	USP18	ubiquitin specific peptidase 18	11274	7,992564558	Upregulated	213,5172814
ENSG00000145990.10	42,75400419	108,3763018	1,241631803	0,198492225	6,255317059	3,97E-10	1,05E-08	GFOD1	glycose-fructose oxidoreductase domain containing 1	54238	7,977806401	Upregulated	124,8561261
ENSG00000165409.15	217,7214355	95,9972072	-1,379381648	0,221099342	-6,238741523	4,41E-10	1,16E-08	TSHR	thyroid stimulating hormone receptor	74533	7,935295268	Downregulated	65,5661453
ENSG00000131459.12	321,7964718	155,0065476	-1,1837249	0,189838661	-6,235425894	4,51E-10	1,18E-08	GFPT2	glutamine-fructose-6-phosphate transaminase 2	9945	7,92671766	Downregulated	113,3090665
ENSG00000166532.15	3,293199057	27,49848966	1,548003473	0,248340401	6,233393626	4,56E-10	1,20E-08	RIMKB	ribosomal modification protein rimk-like family member B	57494	7,927173283	Upregulated	33,4782131
ENSG00000166068.12	2,21995084	26,93538811	1,564564482	0,251266802	6,22670591	4,76E-10	1,25E-08	SPRED1	spouty-related, EVH1 domain containing 1	161742	7,9046168	Upregulated	33,1392472
ENSG00000172031.6	8,698551303	39,30559253	1,47927136	0,237609355	6,225458308	4,80E-10	1,25E-08	EPHX4	epoxide hydrolase 4	253152	7,901850221	Upregulated	46,9573284
ENSG00000104951.5	4,988637334	39,13127831	1,546088855	0,248404801	6,224069928	4,84E-10	1,26E-08	IL4I1	interleukin 4 induced 1	259307	7,8969393	Upregulated	47,6693856
ENSG00000125498.19	7,599679010	40,07356355	1,50742687	0,242716965	6,210636627	2,88E-10	1,36E-08	KIR2DL1	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 1	3802	7,864953862	Upregulated	48,19203671
ENSG00000188305.5	14,51374293	53,35140794	1,416902004	0,228189025	6,209326686	5,32E-10	1,37E-08	C19orf35	chromosome 19 open reading frame 35	374872	7,86201594	Upregulated	63,0608237
ENSG00000164136.16	31,53646601	77,87262188	1,209486277	0,194883259	6,206209215	5,43E-10	1,40E-08	IL15	interleukin 15	3600	7,854084466	Upregulated	89,4566601
ENSG00000100154.12	69,17513673	22,34175839	-1,557644974	0,251929366	-6,182863142	6,29E-10	1,61E-08	TTC28	tetratricopeptide repeat domain 28	23331	7,793781963	Downregulated	10,63341357
ENSG00000203710.10	532,424001	280,1821048	-1,172398688	0,189852752	-6,1753052	6,60E-10	1,68E-08	CR1	complement component (3b/4b) receptor 1 (Knops blood group)	1378	7,774340101	Downregulated	217,1216307
ENSG00000277089.4	3,515389116	30,6699522	1,537485767	0,249227259	6,169011251	6,87E-10	1,74E-08	AC069363.1	NA	NA	7,759058945	Upregulated	37,45859297
ENSG00000196460.12	68,76186483	24,85643964	-1,508508334	0,24495579	-6,15828812	7,35E-10	1,86E-08	RFX8	RFX family member 8, lacking RFX DNA binding domain	731220	7,731637554	Downregulated	13,7580334
ENSG00000164512.17	37,0993269	172,6081437	-1,17232235	0,190636218	-6,149525856	7,77E-10	1,95E-08	ANKRD55	ankyrin repeat domain 55	79722	7,70890262	Downregulated	131,4853479
ENSG00000176658.16	68,34859203	152,6772922	1,133217487	0,184778286	6,132849866	8,63E-10	2,16E-08	MYO1D	myosin ID	4642	7,665347876	Upregulated	173,7594672
ENSG00000121297.6	17,96599529	61,77249708	1,383440632	0,226250065	6,114652984	9,68E-10	2,40E-08	TSZH2	teashirt zinc finger homeobox 3	57616	7,619016267	Upregulated	72,7241252
ENSG00000175779.1	31,84770878	1,207168032	1,207168032	0,198210539	6,090332228	1,13E-09	2,80E-08	C15orf53	chromosome 15 open reading frame 53	400359	7,553566657	Upregulated	90,31519172
ENSG00000157833.12	13,68718864	46,59404446	1,374259904	0,226206308	6,075250134	1,24E-09	3,05E-08	GAREML	GRB2 associated, regulator of MAPK1-like	150946	7,515311033	Upregulated	54,82075842
ENSG00000226423.1	139,1621391	73,58666095	-1,01538739	0,181345564	-6,074252451	1,25E-09	3,07E-08	AC093642.4	NA	NA	7,513261645	Downregulated	57,19279145
ENSG00000147650.11	44,88819479	102,8113731	1,1422992	0,18833786	6,068876428	1,29E-09	3,15E-08	LRP12	low density lipoprotein receptor-related protein 12	29967	7,50107267	Upregulated	117,2920979
ENSG00000129481.10	42,33074806	103,0529035	1,181868977	0,195353181	6,049909044	1,45E-09	3,53E-08	NBPF1	neuroblastoma breakpoint family, member 1	NA	7,452682393	Upregulated	118,2334424
ENSG00000250303.3	33,26737015	82,40965467	1,200501555	0,198623514	6,044098863	1,50E-09	3,65E-08	RP11-356J5.12	NA	NA	7,437668703	Upregulated	94,6952258
ENSG00000180797.11	144,5545079	421,508249	1,218527556	0,201682206	6,041819855	1,52E-09	3,70E-08	CNTNAP1	contactin associated protein 1	8506	7,432172801	Upregulated	490,7466843
ENSG00000113758.13	483,871491	251,302274	-1,124023893	0,186357374	-6,031550407	1,62E-09	3,92E-08	DBN1	drebrin 1	1627	7,407101156	Downregulated	193,159988
ENSG00000186648.14	11,27067998	42,8488189	1,40484969	0,233492535	6,016678311	1,78E-09	4,28E-08	LRRIC16B	leucine rich repeat containing 16B	90668	7,36844402	Upregulated	50,71343238
ENSG00000274767.1	7,716385825	45,2253186	1,465026034	0,244005617	6,002959764	1,94E-09	4,64E-08	AC131056.3	NA	NA	7,335959999	Upregulated	54,6024437
ENSG00000072840.12	32,7784122	85,75946973	1,253017699	0,209046036	5,993979701	2,05E-09	4,89E-08	EVCC	Ellis van Creveld syndrome	2121	7,31084672	Upregulated	99,0173685
ENSG00000105492.15	49,49266378	50,32611246	1,383652153	0,230862171	5,993412208	2,05E-09	4,90E-08	SIGLEC6	sialic acid binding Ig-like lectin 6	946	7,309959846	Upregulated	59,5344763
ENSG00000187037.8	0,491082739	33,33770495	1,500256951	0,252160596	5,949608994	2,69E-09	6,33E-08	GPR141	G protein-coupled receptor 141	353345	7,198339223	Upregulated	41,54936051
ENSG00000185340.15	29,96118776	92,7679024	1,305973434	0,219756449	5,942821888	2,80E-09	6,57E-08	GAS2L1	growth arrest-specific 2 like 1	10634	7,182351008	Upregulated	108,4659811
ENSG00000156381.8	62,75215705	128,8717156	1,046506778	0,176511004	5,928846039	3,05E-09	7,13E-08	ANKRD9	ankyrin repeat domain 9	122416	7,14705701	Upregulated	141,0516052
ENSG00000204577.11	50,75696457	120,4125609	1,138332581	0,192474153	5,912401006	3,33E-09	7,74E-08	LURB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3	102725035;10288;11025	7,111473774	Upregulated	137,82646
ENSG00000105974.14	4,988637334	34,1797745	1,468929837	0,248556834	5,90620868	3,49E-09	7,92E-08	CAV1	caveolin 1, caveolae protein, 22kDa	857	7,101204471	Upregulated	41,47756248
ENSG0000025571.6	25,30801328	69,64426872	1,240074984	0,209986622	5,90601434	3,51E-09	8,07E-08	MIR-3HG	NA	NA	7,092883559	Upregulated	80,72833258
ENSG00000134215.15	60,81204918	153,0820697	1,128546611	0,191471598	5,894067963	3,77E-09	8,63E-08	VAV3	vav 3 guanine nucleotide exchange factor	1465719	7,063989063	Upregulated	176,1495749
ENSG00000198574.5	17,34351576	58,89683689	1,356035506	0,208083873	5,875157342	4,22E-09	9						

ENSG00000244649.4	2,611033579	27,2543743	1,156011958	0,251532766	4,595870257	4,31E-06	5,75E-05	CTD-2377D24.6	NA	NA	4,240426317	Upregulated	33,41520948
ENSG00000109906.13	44,53805006	126,1142862	1,009792833	0,220390046	4,581844113	4,61E-06	6,11E-05	ZBTB16	zinc finger and BTB domain containing 16	7704	4,214058177	Upregulated	146,5083452
ENSG00000128596.16	19,73580139	52,41333442	1,06150592	0,231799589	4,579412435	4,66E-06	6,17E-05	CCDC136	coiled-coil domain containing 136	64753	4,209707569	Upregulated	60,58271768
ENSG00000198478.7	43,93025241	18,09312092	-1,14835404	0,251068244	-4,573872109	4,79E-06	6,32E-05	SH3BGL2	SH3 domain binding glutamate-rich protein like 2	83699	4,199257913	Downregulated	11,63383805
ENSG00000117586.10	20,73264875	149,7807396	1,152170582	0,25227857	4,56705689	4,95E-06	6,52E-05	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4	7292	4,18529987	Upregulated	182,0427623
ENSG00000152213.3	57,21885012	25,97025047	-1,11501941	0,24431541	-4,563852153	5,02E-06	6,60E-05	ARL11	ADP-ribosylation factor-like 11	115761	4,180584654	Downregulated	18,15810056
ENSG00000169432.14	40,68719808	14,22397092	-1,123774986	0,247654219	-4,537677527	5,69E-06	7,41E-05	SCN9A	sodium channel, voltage-gated, type IX, alpha subunit	6335	4,130352465	Downregulated	7,608164135
ENSG00000131398.13	96,25809769	43,27593682	-1,079832208	0,238832657	-4,521292113	6,15E-06	7,94E-05	KCN3	potassium voltage-gated channel, Shaw-related subfamily, member 3	3748	4,100099416	Downregulated	30,0303966
ENSG00000156463.17	109,9937325	59,55552682	-1,029346205	0,227980129	-4,515069837	6,33E-06	8,16E-05	SH3RF2	SH3 domain containing ring finger 2	153769	4,088361974	Downregulated	46,9459754
ENSG00000140009.18	3,141021289	23,17025072	1,137202714	0,252007095	4,512582134	6,40E-06	8,23E-05	ESR2	estrogen receptor 2 (ER beta)	2100	4,084624382	Upregulated	28,1775808
ENSG00000205213.13	2,64993855	18,34448329	1,132533764	0,252026038	4,493717292	7,00E-06	8,92E-05	LGR4	leucine-rich repeat containing G protein-coupled receptor 4	53366	4,049773842	Upregulated	22,26811948
ENSG00000224596.7	67,51690577	33,93706738	-1,014007292	0,225848469	-4,489768275	7,13E-06	9,08E-05	ZMIZ1-AS1	ZMIZ1 antisense RNA 1	NA	4,042055645	Downregulated	25,54210778
ENSG00000198088.10	62,76169826	29,99523908	-1,062309964	0,236949842	-4,483269354	7,35E-06	9,32E-05	NUP62CL	nucleoporin 62kDa C-terminal like	54830	4,030491991	Downregulated	21,80362428
ENSG00000262874.1	0	11,52566376	1,102713055	0,246666474	4,470461825	7,81E-06	9,85E-05	C19orf84	chromosome 19 open reading frame 84	147646	4,006453543	Upregulated	14,4070797
ENSG00000198734.10	1199,372388	682,9648881	-1,023215255	0,229670721	-4,455140166	8,38E-06	0,000105346	F5	coagulation factor V (proaccelerin, labile factor)	2153	3,977383556	Downregulated	553,863013
ENSG00000105370.7	2,081045869	17,7301776	1,118855178	0,251698058	4,445227696	8,78E-06	0,000109902	LIM2	lens intrinsic membrane protein 2, 19kDa	3982	3,958993558	Upregulated	21,64246053
ENSG00000211829.7	284,4595017	1876,945329	1,113396695	0,251769711	4,422282144	9,77E-06	0,000127405	TRDC	T cell receptor delta constant	NA	3,918004902	Upregulated	2275,066786
ENSG00000090104.11	128,2320626	375,6424737	1,048569793	0,237792634	4,409597448	1,04E-05	0,000127405	RG51	regulator of G-protein signaling 1	5996	3,894813902	Upregulated	437,4950764
ENSG00000173805.15	57,24307322	24,60456857	-1,096091127	0,248836941	-4,404856937	1,06E-05	0,000129882	TDRD12	tudor domain containing 12	91646	3,886452551	Downregulated	16,4449424
ENSG00000119147.9	72,78117822	8,498899502	-1,096526973	0,248940318	-4,404778552	1,06E-05	0,000129882	C2orf40	chromosome 2 open reading frame 40	84417	3,886452551	Downregulated	4,678329824
ENSG00000185745.9	9,072919131	29,50776648	1,078953501	0,245088639	4,402299134	1,07E-05	0,000131082	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	3434	3,882457209	Upregulated	34,61647831
ENSG00000152678.18	45,87036227	21,01900557	-1,075859751	0,244491992	-4,400388509	1,08E-05	0,000131849	DDX4	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	54514	3,879929399	Downregulated	14,8061669
ENSG00000107311.21	23,96102119	64,21036843	1,028352818	0,234300812	4,389027962	1,14E-05	0,000138006	PTGDS	prostaglandin D2 synthase 21kDa (brain)	5730	3,860101557	Upregulated	74,27270524
ENSG00000224863.2	0	11,41185219	1,076450119	0,245870613	4,378116223	1,20E-05	0,000144459	LINC01398	NA	101929651	3,84025541	Upregulated	14,26481523
ENSG00000108702.3	12,54940328	61,11436502	1,095845004	0,250516863	4,374336294	1,22E-05	0,000146777	CCL1	chemokine (C-C motif) ligand 1	6346	3,833363396	Upregulated	73,25560546
ENSG00000041982.15	4,045376826	20,12153665	1,0945792	0,252101081	4,361178921	1,29E-05	0,000155198	TNC	tenascin C	3371	3,809112516	Upregulated	24,1405766
ENSG00000114455.13	44,81038485	21,27379984	-1,046058863	0,240607528	-4,347573295	1,38E-05	0,000163591	HHLA2	HERV-H LTR-associating 2	11148	3,786240225	Downregulated	15,38965358
ENSG00000274536.4	56,83362068	28,6265432	-1,087087619	0,250839564	-4,33379648	1,47E-05	0,00017355	RP6-159A1.4	NA	NA	3,760545343	Upregulated	18,87491274
ENSG00000260027.4	8,737456274	26,68581292	1,057012429	0,244640701	4,320672824	1,56E-05	0,000182623	HOXB7	homeobox B7	3217	3,73844338	Upregulated	31,17290208
ENSG00000124279.12	15,19934183	47,83102062	1,057530919	0,244778378	4,320360837	1,56E-05	0,000182751	SCART1	scavenger receptor protein family member	619207	3,738139194	Upregulated	55,98894031
ENSG00000169122.11	23,31945924	54,8834415	1,001555262	0,233157102	4,295624076	1,74E-05	0,000201725	FAM110B	family with sequence similarity 110, member B	90362	3,695239713	Upregulated	62,71806538
ENSG00000084416.0	0	10,95280836	1,035550109	0,245277008	4,295348016	1,74E-05	0,000201748	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	4784	3,695491465	Upregulated	13,6101045
ENSG00000240204.2	3,593199057	20,03709649	1,082042464	0,252260499	4,289385258	1,79E-05	0,000206659	SMKR1	small lysine-rich protein 1	100287482	3,684745141	Upregulated	24,14807085
ENSG00000248871.1	5,07396227	22,36327187	1,059853233	0,247559959	4,281198126	1,86E-05	0,000213812	TNFSF12-TNFSF13	TNFSF12-TNFSF13 readthrough	407977	3,669967468	Upregulated	27,68909598
ENSG00000225632.1	83,04126924	39,72463506	-1,035048169	0,242199893	-4,273528588	1,92E-05	0,000220773	RP5-997D24.3	NA	NA	3,656053669	Downregulated	28,9525151
ENSG00000179934.6	836,1964901	477,2098493	-1,015279014	0,237686171	-4,271510664	1,94E-05	0,000223484	CCR8	chemokine (C-C motif) receptor 8	1237	3,652896697	Downregulated	387,4631891
ENSG00000167037.18	3,102116318	19,56312341	1,073419619	0,251999809	4,259604893	2,05E-05	0,000233428	SGSM1	small G protein signaling modulator 1	129049	3,631847501	Upregulated	23,67837518
ENSG00000135253.13	2,081045869	16,9971888	1,073419619	0,250871157	4,230411686	2,33E-05	0,000263331	KCP	kielin/chordin-like protein	375616	3,579498717	Upregulated	20,7262453
ENSG00000228140.1	5,02998771	10,92349458	1,045404476	0,247619416	4,22181948	2,42E-05	0,000271709	RP3-467K16.4	NA	NA	3,565895206	Upregulated	13,52187129
ENSG00000114529.12	53,52361803	22,9295886	-1,062211948	0,251618527	-4,221517242	2,43E-05	0,000271889	C3orf52	chromosome 3 open reading frame 52	79669	3,5656087	Downregulated	15,28529407
ENSG00000162373.12	60,39877638	27,14114652	-1,043726286	0,248906995	-4,193238063	2,75E-05	0,000303571	BEND5	BEN domain containing 5	79656	3,517739565	Downregulated	18,82673905
ENSG00000163814.7	31,80880381	11,3297961	-1,015832659	0,242620927	-4,18691277	2,83E-05	0,000311525	CDPC1	CUB domain containing protein 1	64866	3,506505656	Downregulated	6,210044169
ENSG0000025881.3	15,01949885	45,89103677	1,031978361	0,247096412	4,176419846	2,96E-05	0,000324009	RNASE4	ribonuclease, RNase A family, 4	6038	3,489434422	Upregulated	53,60892125
ENSG00000126082.8.1	12,62721322	38,6946199	1,018142973	0,244105025	4,170921818	3,03E-05	0,000329579	HMG3P32	high mobility group box 3 pseudogene 32	NA	3,482040234	Upregulated	45,21147157
ENSG00000121594.11	8,737456274	40,57786936	1,04447641	0,251003463	4,161203177	3,17E-05	0,000341893	CD80	CD80 molecule	941	3,466109817	Upregulated	46,53797263
ENSG00000160068.14	4,162091738	18,26895337	1,04776226	0,252126935	4,155693473	3,24E-05	0,000348636	ZBTB8A	zinc finger and BTB domain containing 8A	653121	3,4576282	Downregulated	21,79566877
ENSG00000120708.16	0,982165478	15,32046099	1,033439328	0,249473388	4,142483229	3,44E-05	0,00036647	TGFB1	transforming growth factor, beta-induced, 68kDa	7045	3,435961732	Upregulated	18,90503486
ENSG00000057704.10	6,734220346	28,40320762	1,04150572	0,25148812	4,141371456	3,45E-05	0,000367822	TMCC3	transmembrane and coiled-coil domain family 3	57458	3,434362489	Upregulated	33,82045444
ENSG00000148053.15	13,50734566	74,49153404	1,043024288	0,251986576	4,139205764	3,49E-05	0,000370543	NTRK2	neurotrophic tyrosine kinase, receptor, type 2	4915	3,43116164	Upregulated	89,73758113
ENSG0000019485.12	22,11340515	70,05660381	1,002472278	0,243189464	4,1221863	3,75E-05	0,000396456	PRDM11	PR domain containing 11	56981	3,401804486	Upregulated	82,04240347
ENSG00000269901.1	4,575364536	30,40316622	1,032556245	0,252131605	4,095306667	4,22E-05	0,000440295	RP11-932O9.9	NA	NA	3,356256626	Upregulated	36,86011664
ENSG00000267452.1	3,632104028	27,21499689	1,026837039	0,251953262	4,075506032	4,59E-05	0,000474372	RP11-1018N14.5	NA	NA	3,323881129	Upregulated	33,11072011
ENSG00000166825.13	7,599670913	30,21710095	1,017988717	0,249903246	4,073531388	4,63E-05	0,000477813	ANPEP	alanyl (membrane) aminopeptidase	290	3,270741634	Upregulated	35,87145845
ENSG00000169245.5	6,048612754	31,06381083	1,019823251	0,252116549	4,045046851	5,23E-05	0,000535099	CXCL10	chemokine (C-X-C motif) ligand 10	3627	3,271566133	Upregulated	37,31761036
ENSG00000189221.9	55,74560191	23,63134648	-1,016482035	0,252122792	-4,031694337	5,54E-05	0,000562934	MAOA	monoamine oxidase A	4128	3,249542436	Downregulated	15,60278262
ENSG00000074590.13	1,512153188	13,37181018	1,003512597	0,250089744	4,012609956	6,01E-05	0,000605221	NUAK1	NUAK family, SNF1-like kinase, 1	9891	3,218086149	Upregulated	16,33672443
ENSG00000128040.10	32,572221												