

**Supplementary Table 5: List of top 462 up-regulated genes in the case of CAP + TMZ treatment**

Sr. No	Gene Name	GeneID	Log2(FC)	P-adj	Description	Chromosome	Strand
[1]	RASD1	ENSG00000108551.5	7.083646	2.39E-100	ras related dexamethasone induced 1 [Source:HGNC Symbol;Acc:HGNC:15828]	chr17	-
[2]	HSPA6	ENSG00000173110.8	6.609536	3.37E-222	heat shock protein family A (Hsp70) member 6 [Source:HGNC Symbol;Acc:HGNC:5239]	chr1	+
[3]	FRG2	ENSG00000205097.6	6.483626	2.57E-33	FSHD region gene 2 [Source:HGNC Symbol;Acc:HGNC:19136]	chr4	-
[4]	FRG2B	ENSG00000225899.8	6.153196	9.42E-43	FSHD region gene 2 family member B [Source:HGNC Symbol;Acc:HGNC:33518]	chr10	-
[5]	SNAI1	ENSG00000124216.4	6.06363	8.96E-104	snail family transcriptional repressor 1 [Source:HGNC Symbol;Acc:HGNC:11128]	chr20	+
[6]	IGFL2-AS1	ENSG00000268621.6	5.91067	1.55E-63	IGFL2 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:52559]	chr19	-
[7]	HSPA7	ENSG00000225217.1	5.88534	5.45E-76	heat shock protein family A (Hsp70) member 7 (pseudogene) [Source:HGNC Symbol;Acc:HGNC:5240]	chr1	+
[8]	HSPA8P8	ENSG00000229091.3	5.717379	5.35E-78	heat shock protein family A (Hsp70) member 8 pseudogene 8 [Source:HGNC Symbol;Acc:HGNC:44923]	chr7	+
[9]	AC116317.1	ENSG00000286176.2	5.418042	2.18E-20	novel transcript	chr4	-
[10]	KRT16	ENSG00000186832.9	5.280486	2.29E-21	keratin 16 [Source:HGNC Symbol;Acc:HGNC:6423]	chr17	-
[11]	CYP4F11	ENSG00000171903.16	5.258774	5.25E-28	cytochrome P450 family 4 subfamily F member 11 [Source:HGNC Symbol;Acc:HGNC:13265]	chr19	-
[12]	RGS16	ENSG00000143333.7	5.25644	1.01E-39	regulator of G protein signaling 16 [Source:HGNC Symbol;Acc:HGNC:9997]	chr1	-
[13]	CDH16	ENSG00000166589.13	5.164967	3.82E-18	cadherin 16 [Source:HGNC Symbol;Acc:HGNC:1755]	chr16	-
[14]	ITGAM	ENSG00000169896.18	5.101083	1.30E-17	integrin subunit alpha M [Source:HGNC Symbol;Acc:HGNC:6149]	chr16	+
[15]	LINC01647	ENSG00000235643.2	5.088052	1.71E-17	long intergenic non-protein coding RNA 1647 [Source:HGNC Symbol;Acc:HGNC:52434]	chr1	+
[16]	UCA1	ENSG00000214049.8	5.053508	3.54E-17	urothelial cancer associated 1 [Source:HGNC Symbol;Acc:HGNC:37126]	chr19	+
[17]	TEX14	ENSG00000121101.15	5.0246	5.75E-17	testis expressed 14, intercellular bridge forming	chr17	-

					factor [Source:HGNC Symbol;Acc:HGNC:11737]		
[18]	FAM166A	ENSG00000188163.8	4.947647	4.86E-60	family with sequence similarity 166 member A [Source:HGNC Symbol;Acc:HGNC:33818]	chr9	-
[19]	VLDLR-AS1	ENSG00000236404.10	4.689785	5.42E-21	VLDLR antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:49621]	chr9	-
[20]	KCNB1	ENSG00000158445.10	4.664124	1.84E-30	potassium voltage-gated channel subfamily B member 1 [Source:HGNC Symbol;Acc:HGNC:6231]	chr20	-
[21]	SPINK1	ENSG00000164266.10	4.64754	9.86E-169	serine peptidase inhibitor Kazal type 1 [Source:HGNC Symbol;Acc:HGNC:11244]	chr5	-
[22]	UBE2F-SCLY	ENSG00000258984.5	4.597201	1.36E-14	UBE2F-SCLY readthrough (NMD candidate) [Source:HGNC Symbol;Acc:HGNC:48339]	chr2	+
[23]	FOS	ENSG00000170345.10	4.544896	0	Fos proto-oncogene, AP-1 transcription factor subunit [Source:HGNC Symbol;Acc:HGNC:3796]	chr14	+
[24]	AC010307.3	ENSG00000249478.1	4.5212	5.42E-21	novel transcript	chr5	+
[25]	SEMA3G	ENSG00000010319.7	4.48375	1.18E-12	semaphorin 3G [Source:HGNC Symbol;Acc:HGNC:30400]	chr3	-
[26]	FRG2C	ENSG00000172969.7	4.397368	7.33E-15	FSHD region gene 2 family member C [Source:HGNC Symbol;Acc:HGNC:33626]	chr3	+
[27]	CHAC1	ENSG00000128965.13	4.391572	9.71E-153	ChaC glutathione specific gamma-glutamylcyclotransferase 1 [Source:HGNC Symbol;Acc:HGNC:28680]	chr15	+
[28]	TRIM69	ENSG00000185880.13	4.360619	4.09E-11	tripartite motif containing 69 [Source:HGNC Symbol;Acc:HGNC:17857]	chr15	+
[29]	GADD45G	ENSG00000130222.11	4.350572	9.94E-12	growth arrest and DNA damage inducible gamma [Source:HGNC Symbol;Acc:HGNC:4097]	chr9	+
[30]	ATP1B2	ENSG00000129244.9	4.330974	7.74E-23	ATPase Na+/K+ transporting subunit beta 2 [Source:HGNC Symbol;Acc:HGNC:805]	chr17	+
[31]	TRIM72	ENSG00000177238.14	4.295404	3.23E-16	tripartite motif containing 72 [Source:HGNC Symbol;Acc:HGNC:32671]	chr16	+
[32]	RPL12P42	ENSG00000213253.5	4.288776	1.78E-11	ribosomal protein L12 pseudogene 42 [Source:HGNC Symbol;Acc:HGNC:36165]	chr19	-
[33]	ZCCHC12	ENSG00000174460.4	4.275539	2.24E-11	zinc finger CCHC-type containing 12 [Source:HGNC Symbol;Acc:HGNC:27273]	chrX	+
[34]	AC068946.3	ENSG00000287529.1	4.252821	3.31E-11	novel transcript, antisense to ZFAND2B	chr2	-

[35]	TMEM256-PLSCR3	ENSG00000262481.5	4.24652	3.58E-23	TMEM256-PLSCR3 readthrough (NMD candidate) [Source:HGNC Symbol;Acc:HGNC:49186]	chr17	-
[36]	IGSF9	ENSG00000085552.17	4.245213	3.28E-11	immunoglobulin superfamily member 9 [Source:HGNC Symbol;Acc:HGNC:18132]	chr1	-
[37]	LINC02158	ENSG00000225611.1	4.226267	4.93E-11	long intergenic non-protein coding RNA 2158 [Source:HGNC Symbol;Acc:HGNC:53019]	chr3	+
[38]	IGF2	ENSG00000167244.21	4.15105	1.29E-10	insulin like growth factor 2 [Source:HGNC Symbol;Acc:HGNC:5466]	chr11	-
[39]	SUN3	ENSG00000164744.13	4.140504	2.24E-10	Sad1 and UNC84 domain containing 3 [Source:HGNC Symbol;Acc:HGNC:22429]	chr7	-
[40]	RND1	ENSG00000172602.11	4.130541	7.32E-25	Rho family GTPase 1 [Source:HGNC Symbol;Acc:HGNC:18314]	chr12	-
[41]	USH1G	ENSG00000182040.9	4.095689	2.93E-10	USH1 protein network component sans [Source:HGNC Symbol;Acc:HGNC:16356]	chr17	-
[42]	GDF15	ENSG00000130513.6	3.996778	0	growth differentiation factor 15 [Source:HGNC Symbol;Acc:HGNC:30142]	chr19	+
[43]	FOSB	ENSG00000125740.14	3.98363	1.33E-224	FosB proto-oncogene, AP-1 transcription factor subunit [Source:HGNC Symbol;Acc:HGNC:3797]	chr19	+
[44]	FUT1	ENSG00000174951.11	3.978679	1.66E-10	fucosyltransferase 1 (H blood group) [Source:HGNC Symbol;Acc:HGNC:4012]	chr19	-
[45]	SPRR2D	ENSG00000163216.7	3.973165	3.66E-34	small proline rich protein 2D [Source:HGNC Symbol;Acc:HGNC:11264]	chr1	-
[46]	AC005532.1	ENSG00000230825.2	3.94482	1.93E-09	novel transcript	chr7	+
[47]	AC087521.1	ENSG00000244953.1	3.943737	1.98E-09	novel transcript	chr11	-
[48]	GNG7	ENSG00000176533.13	3.935902	2.21E-09	G protein subunit gamma 7 [Source:HGNC Symbol;Acc:HGNC:4410]	chr19	-
[49]	AL356804.1	ENSG00000259033.2	3.932982	2.30E-09	novel transcript	chr14	+
[50]	AL354872.2	ENSG00000271992.1	3.909684	4.13E-10	novel transcript	chr1	+
[51]	DRAIC	ENSG00000245750.9	3.902544	3.81E-09	downregulated RNA in cancer, inhibitor of cell invasion and migration [Source:HGNC Symbol;Acc:HGNC:27082]	chr15	+
[52]	ZDHHC11B	ENSG00000206077.11	3.890776	8.37E-11	zinc finger DHHC-type containing 11B [Source:HGNC Symbol;Acc:HGNC:32962]	chr5	-
[53]	XIRP1	ENSG00000168334.9	3.847332	6.79E-09	xin actin binding repeat containing 1 [Source:HGNC Symbol;Acc:HGNC:14301]	chr3	-

[54]	COL26A1	ENSG00000160963.14	3.822978	9.52E-09	collagen type XXVI alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:18038]	chr7	+
[55]	TRIB3	ENSG00000101255.11	3.807516	0	tribbles pseudokinase 3 [Source:HGNC Symbol;Acc:HGNC:16228]	chr20	+
[56]	FAM71A	ENSG00000162771.8	3.801103	1.78E-09	family with sequence similarity 71 member A [Source:HGNC Symbol;Acc:HGNC:26541]	chr1	+
[57]	GADD45B	ENSG00000099860.9	3.786702	0	growth arrest and DNA damage inducible beta [Source:HGNC Symbol;Acc:HGNC:4096]	chr19	+
[58]	AL031590.1	ENSG00000284633.1	3.782483	1.46E-08	novel transcript, antisense to PDGFB	chr22	+
[59]	SPANXN5	ENSG00000204363.5	3.772884	1.84E-08	SPANX family member N5 [Source:HGNC Symbol;Acc:HGNC:33178]	chrX	-
[60]	AC008060.1	ENSG00000218672.1	3.76491	1.93E-08	novel transcript	chr7	+
[61]	DPEP2	ENSG00000167261.14	3.727886	2.62E-08	dipeptidase 2 [Source:HGNC Symbol;Acc:HGNC:23028]	chr16	-
[62]	FAM71E2	ENSG00000180043.11	3.7062	1.25E-09	family with sequence similarity 71 member E2 [Source:HGNC Symbol;Acc:HGNC:25278]	chr19	-
[63]	CTH	ENSG00000116761.12	3.689789	1.00E-171	cystathionine gamma-lyase [Source:HGNC Symbol;Acc:HGNC:2501]	chr1	+
[64]	RGMA	ENSG00000182175.14	3.687721	4.27E-12	repulsive guidance molecule BMP co-receptor a [Source:HGNC Symbol;Acc:HGNC:30308]	chr15	-
[65]	ULBP1	ENSG00000111981.5	3.685598	1.44E-193	UL16 binding protein 1 [Source:HGNC Symbol;Acc:HGNC:14893]	chr6	+
[66]	DPPA2P4	ENSG00000261429.2	3.670316	2.68E-11	developmental pluripotency associated 2 pseudogene 4 [Source:HGNC Symbol;Acc:HGNC:44629]	chr16	+
[67]	AC087203.2	ENSG00000255556.2	3.658845	2.32E-09	ubiquitin specific peptidase 17-like 2 (USP17L2) pseudogene	chr8	-
[68]	CRYAB	ENSG00000109846.9	3.643301	3.94E-12	crystallin alpha B [Source:HGNC Symbol;Acc:HGNC:2389]	chr11	-
[69]	CALCB	ENSG00000175868.14	3.630166	4.07E-09	calcitonin related polypeptide beta [Source:HGNC Symbol;Acc:HGNC:1438]	chr11	+
[70]	EEF1AKMT4-ECE2	ENSG00000284917.1	3.564778	1.55E-07	EEF1AKMT4-ECE2 readthrough [Source:HGNC Symbol;Acc:HGNC:53615]	chr3	+
[71]	AC004835.1	ENSG00000230392.1	3.562897	7.86E-09	novel transcript	chrX	+
[72]	ANKRD1	ENSG00000148677.6	3.55128	7.28E-15	ankyrin repeat domain 1 [Source:HGNC Symbol;Acc:HGNC:15819]	chr10	-

[73]	UNC5B	ENSG00000107731.12	3.541083	0	unc-5 netrin receptor B [Source:HGNC Symbol;Acc:HGNC:12568]	chr10	+
[74]	MT1JP	ENSG00000255986.6	3.527006	2.28E-07	metallothionein 1J, pseudogene [Source:HGNC Symbol;Acc:HGNC:7402]	chr16	+
[75]	TTYH2	ENSG00000141540.11	3.521148	2.44E-07	tweety family member 2 [Source:HGNC Symbol;Acc:HGNC:13877]	chr17	+
[76]	TCTE1	ENSG00000146221.10	3.507395	2.85E-07	t-complex-associated-testis- expressed 1 [Source:HGNC Symbol;Acc:HGNC:11693]	chr6	-
[77]	SLC7A11	ENSG00000151012.13	3.500562	0	solute carrier family 7 member 11 [Source:HGNC Symbol;Acc:HGNC:11059]	chr4	-
[78]	AC009336.2	ENSG00000279160.1	3.488563	6.58E-09	TEC	chr2	-
[79]	USP17L7	ENSG00000226430.6	3.488239	7.54E-10	ubiquitin specific peptidase 17 like family member 7 [Source:HGNC Symbol;Acc:HGNC:37180]	chr8	-
[80]	DDIT4	ENSG00000168209.5	3.48771	0	DNA damage inducible transcript 4 [Source:HGNC Symbol;Acc:HGNC:24944]	chr10	+
[81]	PPP1R36	ENSG00000165807.8	3.470223	2.15E-09	protein phosphatase 1 regulatory subunit 36 [Source:HGNC Symbol;Acc:HGNC:20097]	chr14	+
[82]	AC244453.2	ENSG00000233029.3	3.446736	3.85E-08	novel transcript	chr1	-
[83]	PCDH10	ENSG00000138650.9	3.445621	7.96E-93	protocadherin 10 [Source:HGNC Symbol;Acc:HGNC:13404]	chr4	+
[84]	ADM2	ENSG00000128165.9	3.425809	8.70E-12	adrenomedullin 2 [Source:HGNC Symbol;Acc:HGNC:28898]	chr22	+
[85]	NR4A2	ENSG00000153234.14	3.425524	1.91E-32	nuclear receptor subfamily 4 group A member 2 [Source:HGNC Symbol;Acc:HGNC:7981]	chr2	-
[86]	KLHL30-AS1	ENSG00000279484.1	3.424713	1.58E-18	KLHL30 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:31018]	chr2	-
[87]	AL136985.3	ENSG00000283445.1	3.421542	2.29E-08	novel transcript	chr1	+
[88]	OBSCN	ENSG00000154358.21	3.421144	9.05E-09	obscurin, cytoskeletal calmodulin and titin- interacting RhoGEF [Source:HGNC Symbol;Acc:HGNC:15719]	chr1	+
[89]	IL17REL	ENSG00000188263.10	3.412165	7.76E-07	interleukin 17 receptor E like [Source:HGNC Symbol;Acc:HGNC:33808]	chr22	-
[90]	IL2RB	ENSG00000100385.14	3.399989	6.03E-08	interleukin 2 receptor subunit beta [Source:HGNC Symbol;Acc:HGNC:6009]	chr22	-
[91]	AC243772.2	ENSG00000233030.2	3.391776	8.54E-09	novel transcript, antisense to FCGR1A	chr1	-

[92]	STPG3	ENSG00000197768.10	3.374602	4.91E-10	sperm-tail PG-rich repeat containing 3 [Source:HGNC Symbol;Acc:HGNC:37285]	chr9	+
[93]	FCGR1A	ENSG00000150337.13	3.37236	1.07E-06	Fc fragment of IgG receptor Ia [Source:HGNC Symbol;Acc:HGNC:3613]	chr1	+
[94]	FGF18	ENSG00000156427.8	3.338434	4.43E-14	fibroblast growth factor 18 [Source:HGNC Symbol;Acc:HGNC:3674]	chr5	+
[95]	DNAH2	ENSG00000183914.14	3.334464	2.77E-13	dynein axonemal heavy chain 2 [Source:HGNC Symbol;Acc:HGNC:2948]	chr17	+
[96]	MYO15B	ENSG00000266714.9	3.3279	7.14E-11	myosin XVB [Source:HGNC Symbol;Acc:HGNC:14083]	chr17	+
[97]	LSMEM1	ENSG00000181016.9	3.315882	1.11E-16	leucine rich single-pass membrane protein 1 [Source:HGNC Symbol;Acc:HGNC:22036]	chr7	+
[98]	ANKFN1	ENSG00000153930.12	3.314569	1.03E-12	ankyrin repeat and fibronectin type III domain containing 1 [Source:HGNC Symbol;Acc:HGNC:26766]	chr17	+
[99]	LINC01978	ENSG00000262188.2	3.30738	2.16E-06	long intergenic non-protein coding RNA 1978 [Source:HGNC Symbol;Acc:HGNC:52806]	chr17	+
[100]	RGS2	ENSG00000116741.8	3.296927	3.14E-109	regulator of G protein signaling 2 [Source:HGNC Symbol;Acc:HGNC:9998]	chr1	+
[101]	LINC01705	ENSG00000232679.2	3.296305	9.66E-19	long intergenic non-protein coding RNA 1705 [Source:HGNC Symbol;Acc:HGNC:52493]	chr1	-
[102]	ADAP2	ENSG00000184060.11	3.291895	2.22E-06	ArfGAP with dual PH domains 2 [Source:HGNC Symbol;Acc:HGNC:16487]	chr17	+
[103]	BAHCC1	ENSG00000266074.8	3.280479	6.74E-08	BAH domain and coiled-coil containing 1 [Source:HGNC Symbol;Acc:HGNC:29279]	chr17	+
[104]	AC087203.1	ENSG00000254423.1	3.272256	2.57E-07	ubiquitin specific peptidase 17-like 2 ( USP17L2) pseudogene	chr8	-
[105]	TINCR	ENSG00000223573.7	3.255755	1.06E-06	TINCR ubiquitin domain containing [Source:HGNC Symbol;Acc:HGNC:14607]	chr19	-
[106]	ATCAY	ENSG00000167654.18	3.230318	4.04E-06	ATCAY kinesin light chain interacting caytaxin [Source:HGNC Symbol;Acc:HGNC:779]	chr19	+
[107]	PCDH1	ENSG00000156453.13	3.213897	6.94E-07	protocadherin 1 [Source:HGNC Symbol;Acc:HGNC:8655]	chr5	-
[108]	VN2R3P	ENSG00000234680.1	3.201704	5.08E-06	vomer nasal 2 receptor 3, pseudogene [Source:HGNC Symbol;Acc:HGNC:33209]	chr9	+
[109]	TATDN2P3	ENSG00000235205.1	3.1742	1.09E-06	TatD DNase domain containing 2 pseudogene 3	chr13	+

					[Source:HGNC Symbol;Acc:HGNC:39256]		
[110]	MOV10L1	ENSG00000073146.16	3.17417	1.50E-06	Mov10 like RISC complex RNA helicase 1 [Source:HGNC Symbol;Acc:HGNC:7201]	chr22	+
[111]	CD79A	ENSG00000105369.9	3.17112	6.49E-06	CD79a molecule [Source:HGNC Symbol;Acc:HGNC:1698]	chr19	+
[112]	DNAH3	ENSG00000158486.13	3.162367	3.05E-07	dynein axonemal heavy chain 3 [Source:HGNC Symbol;Acc:HGNC:2949]	chr16	-
[113]	DACH1	ENSG00000276644.5	3.159199	4.17E-20	dachshund family transcription factor 1 [Source:HGNC Symbol;Acc:HGNC:2663]	chr13	-
[114]	RPLP0P2	ENSG00000243742.5	3.143877	8.29E-81	ribosomal protein lateral stalk subunit P0 pseudogene 2 [Source:HGNC Symbol;Acc:HGNC:17960]	chr11	+
[115]	AL022326.1	ENSG00000224794.2	3.13394	9.93E-06	novel transcript	chr22	+
[116]	SLIT2	ENSG00000145147.20	3.128024	4.00E-64	slit guidance ligand 2 [Source:HGNC Symbol;Acc:HGNC:11086]	chr4	+
[117]	VTCN1	ENSG00000134258.17	3.120048	1.03E-05	V-set domain containing T cell activation inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:28873]	chr1	-
[118]	RSAD2	ENSG00000134321.12	3.106324	1.16E-05	radical S-adenosyl methionine domain containing 2 [Source:HGNC Symbol;Acc:HGNC:30908]	chr2	+
[119]	HIPK4	ENSG00000160396.9	3.105017	1.08E-06	homeodomain interacting protein kinase 4 [Source:HGNC Symbol;Acc:HGNC:19007]	chr19	-
[120]	LINC01977	ENSG00000262772.2	3.094091	1.33E-05	long intergenic non-protein coding RNA 1977 [Source:HGNC Symbol;Acc:HGNC:52804]	chr17	+
[121]	ARC	ENSG00000198576.4	3.091599	0	activity regulated cytoskeleton associated protein [Source:HGNC Symbol;Acc:HGNC:648]	chr8	-
[122]	AC104825.1	ENSG00000251615.3	3.089389	2.11E-08	novel transcript	chr4	-
[123]	ZPLD1	ENSG00000170044.8	3.077843	1.48E-05	zona pellucida like domain containing 1 [Source:HGNC Symbol;Acc:HGNC:27022]	chr3	+
[124]	AC011462.1	ENSG00000255730.5	3.070303	1.84E-05	novel protein	chr19	+
[125]	N4BP3	ENSG00000145911.6	3.048438	1.84E-05	NEDD4 binding protein 3 [Source:HGNC Symbol;Acc:HGNC:29852]	chr5	+
[126]	AC007317.1	ENSG00000285898.1	3.046239	1.94E-05	Novel transcript	chr2	+
[127]	STPG3-AS1	ENSG00000275549.1	3.045982	6.88E-13	STPG3 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:51176]	chr9	-

[128]	SLC7A11-AS1	ENSG00000250033.5	3.044937	1.05E-13	SLC7A11 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:44064]	chr4	+
[129]	FLG-AS1	ENSG00000237975.7	3.041116	3.39E-21	FLG antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:27913]	chr1	+
[130]	PEAK3	ENSG00000188305.6	3.040021	6.28E-10	PEAK family member 3 [Source:HGNC Symbol;Acc:HGNC:24793]	chr19	-
[131]	AC010378.2	ENSG00000286403.1	3.023012	4.91E-06	novel transcript	chr5	+
[132]	HAVCR2	ENSG00000135077.9	3.021262	2.24E-05	hepatitis A virus cellular receptor 2 [Source:HGNC Symbol;Acc:HGNC:18437]	chr5	-
[133]	LINC01979	ENSG00000262585.1	3.021262	2.24E-05	long intergenic non-protein coding RNA 1979 [Source:HGNC Symbol;Acc:HGNC:52807]	chr17	-
[134]	AC105046.1	ENSG00000261026.1	3.015918	2.41E-05	novel transcript, overlapping to EGR3	chr8	-
[135]	FMOD	ENSG00000122176.12	3.00828	2.49E-05	fibromodulin [Source:HGNC Symbol;Acc:HGNC:3774]	chr1	-
[136]	KLF4	ENSG00000136826.15	3.007449	3.10E-93	Kruppel like factor 4 [Source:HGNC Symbol;Acc:HGNC:6348]	chr9	-
[137]	KRTAP21-2	ENSG00000187026.3	3.006379	2.53E-05	keratin associated protein 21-2 [Source:HGNC Symbol;Acc:HGNC:18946]	chr21	-
[138]	CSPG5	ENSG00000114646.10	3.005571	2.55E-05	chondroitin sulfate proteoglycan 5 [Source:HGNC Symbol;Acc:HGNC:2467]	chr3	-
[139]	GULP1	ENSG00000144366.16	3.002643	1.80E-257	GULP PTB domain containing engulfment adaptor 1 [Source:HGNC Symbol;Acc:HGNC:18649]	chr2	+
[140]	FP236383.1	ENSG00000274868.1	2.995039	4.59E-06	nan	chr21	+
[141]	FP671120.1	ENSG00000275664.1	2.995039	4.59E-06	nan	chr21	+
[142]	FP671120.3	ENSG00000277671.1	2.995039	4.59E-06	nan	chr21	+
[143]	FP236383.2	ENSG00000278775.1	2.995039	4.59E-06	nan	chr21	+
[144]	CLDN1	ENSG00000163347.6	2.990274	2.87E-06	claudin 1 [Source:HGNC Symbol;Acc:HGNC:2032]	chr3	-
[145]	LINC00881	ENSG00000241135.6	2.988584	2.88E-06	long intergenic non-protein coding RNA 881 [Source:HGNC Symbol;Acc:HGNC:48567]	chr3	+
[146]	TENT5C	ENSG00000183508.5	2.971829	9.44E-47	terminal nucleotidyltransferase 5C [Source:HGNC Symbol;Acc:HGNC:24712]	chr1	+
[147]	C5AR1	ENSG00000197405.8	2.963257	1.11E-41	complement C5a receptor 1 [Source:HGNC Symbol;Acc:HGNC:1338]	chr19	+
[148]	SENTP3- EIF4A1	ENSG00000277957.1	2.960422	1.03E-08	SENTP3-EIF4A1 readthrough (NMD candidate) [Source:HGNC Symbol;Acc:HGNC:49182]	chr17	+



[149]	SERPINB10	ENSG00000242550.6	2.94732	1.08E-05	serpin family B member 10 [Source:HGNC Symbol;Acc:HGNC:8942]	chr18	+
[150]	CRISPLD2	ENSG00000103196.12	2.943871	2.79E-20	cysteine rich secretory protein LCCL domain containing 2 [Source:HGNC Symbol;Acc:HGNC:25248]	chr16	+
[151]	AC022217.2	ENSG00000253295.2	2.942618	4.85E-06	novel transcript	chr5	+
[152]	ADGRD1	ENSG00000111452.13	2.941348	4.13E-06	adhesion G protein-coupled receptor D1 [Source:HGNC Symbol;Acc:HGNC:19893]	chr12	+
[153]	UNC13D	ENSG00000092929.11	2.940452	8.63E-08	unc-13 homoLog D [Source:HGNC Symbol;Acc:HGNC:23147]	chr17	-
[154]	MAFB	ENSG00000204103.4	2.934381	1.34E-90	MAF bZIP transcription factor B [Source:HGNC Symbol;Acc:HGNC:6408]	chr20	-
[155]	PCK1	ENSG00000124253.11	2.92488	4.72E-05	phosphoenolpyruvate carboxykinase 1 [Source:HGNC Symbol;Acc:HGNC:8724]	chr20	+
[156]	ZNF606	ENSG00000166704.11	2.923542	2.42E-05	zinc finger protein 606 [Source:HGNC Symbol;Acc:HGNC:25879]	chr19	-
[157]	LINC00622	ENSG00000260941.1	2.91903	1.78E-28	long intergenic non-protein coding RNA 622 [Source:HGNC Symbol;Acc:HGNC:44251]	chr1	-
[158]	AL031602.2	ENSG00000287691.1	2.9155	5.06E-05	novel transcript, antisense to RNF19B	chr1	+
[159]	AL157388.1	ENSG00000229272.2	2.913517	5.26E-05	novel transcript	chr10	-
[160]	AC108517.2	ENSG00000286097.1	2.910364	4.93E-07	novel transcript	chr4	-
[161]	SPOCK2	ENSG00000107742.13	2.906413	5.29E-05	SPARC (osteonectin), cwcw and kazal like domains proteoglycan 2 [Source:HGNC Symbol;Acc:HGNC:13564]	chr10	-
[162]	NMRAL2P	ENSG00000171658.8	2.894806	3.47E-11	NmrA like redox sensor 2, pseudogene [Source:HGNC Symbol;Acc:HGNC:52332]	chr3	+
[163]	SESN2	ENSG00000130766.5	2.884742	0	sestrin 2 [Source:HGNC Symbol;Acc:HGNC:20746]	chr1	+
[164]	CYP4F3	ENSG00000186529.16	2.876757	1.69E-05	cytochrome P450 family 4 subfamily F member 3 [Source:HGNC Symbol;Acc:HGNC:2646]	chr19	+
[165]	LINC00334	ENSG00000182586.9	2.863991	7.32E-05	long intergenic non-protein coding RNA 334 [Source:HGNC Symbol;Acc:HGNC:16425]	chr21	+
[166]	AP003721.4	ENSG00000257052.1	2.863991	7.32E-05	novel transcript	chr11	+
[167]	TCP11L2	ENSG00000166046.11	2.849936	2.36E-24	t-complex 11 like 2 [Source:HGNC Symbol;Acc:HGNC:28627]	chr12	+
[168]	NATD1	ENSG00000274180.1	2.842175	3.46E-31	N-acetyltransferase domain containing 1 [Source:HGNC Symbol;Acc:HGNC:30770]	chr17	-

[169]	SOX9-AS1	ENSG00000234899.10	2.838408	6.10E-05	SOX9 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:49321]	chr17	-
[170]	CEMP1	ENSG00000205923.3	2.837033	0.000107	cementum protein 1 [Source:HGNC Symbol;Acc:HGNC:32553]	chr16	-
[171]	FOXJ1	ENSG00000129654.8	2.835279	9.04E-05	forkhead box J1 [Source:HGNC Symbol;Acc:HGNC:3816]	chr17	-
[172]	MGAT4A	ENSG00000071073.13	2.831889	1.54E-05	alpha-1,3-mannosyl- glycoprotein 4-beta-N- acetylglucosaminyltransferase A [Source:HGNC Symbol;Acc:HGNC:7047]	chr2	-
[173]	NUPR1	ENSG00000176046.8	2.831097	1.06E-280	nuclear protein 1, transcriptional regulator [Source:HGNC Symbol;Acc:HGNC:29990]	chr16	-
[174]	MIR191	ENSG00000207605.3	2.811346	0.000105	microRNA 191 [Source:HGNC Symbol;Acc:HGNC:31561]	chr3	-
[175]	CLDN19	ENSG00000164007.11	2.810283	0.000106	claudin 19 [Source:HGNC Symbol;Acc:HGNC:2040]	chr1	-
[176]	ZNF114	ENSG00000178150.10	2.808349	0.000107	zinc finger protein 114 [Source:HGNC Symbol;Acc:HGNC:12894]	chr19	+
[177]	ATF3	ENSG00000162772.17	2.807166	2.46E-180	activating transcription factor 3 [Source:HGNC Symbol;Acc:HGNC:785]	chr1	+
[178]	RNF103- CHMP3	ENSG00000249884.8	2.803409	2.19E-05	RNF103-CHMP3 readthrough [Source:HGNC Symbol;Acc:HGNC:38847]	chr2	-
[179]	ESRP1	ENSG00000104413.18	2.802984	1.14E-05	epithelial splicing regulatory protein 1 [Source:HGNC Symbol;Acc:HGNC:25966]	chr8	+
[180]	MYADML2	ENSG00000185105.5	2.802119	3.48E-05	myeloid associated differentiation marker like 2 [Source:HGNC Symbol;Acc:HGNC:34548]	chr17	-
[181]	PIP5K1B	ENSG00000107242.19	2.796258	6.75E-05	phosphatidylinositol-4- phosphate 5-kinase type 1 beta [Source:HGNC Symbol;Acc:HGNC:8995]	chr9	+
[182]	C3orf85	ENSG00000241224.8	2.792024	1.56E-14	chromosome 3 open reading frame 85 [Source:HGNC Symbol;Acc:HGNC:53432]	chr3	+
[183]	AL160269.1	ENSG00000285269.2	2.786214	0.00015	novel transcript, SLC35D2- HSD17B3 readthrough	chr9	-
[184]	WDR49	ENSG00000174776.11	2.784164	0.000148	WD repeat domain 49 [Source:HGNC Symbol;Acc:HGNC:26587]	chr3	-
[185]	ISY1-RAB43	ENSG00000261796.1	2.778204	4.02E-51	ISY1-RAB43 readthrough [Source:HGNC Symbol;Acc:HGNC:42969]	chr3	-
[186]	AC245100.3	ENSG00000228626.1	2.770193	0.000141	novel pseudogene	chr1	-
[187]	PIWIL2	ENSG00000197181.12	2.76999	2.19E-05	piwi like RNA-mediated gene silencing 2 [Source:HGNC Symbol;Acc:HGNC:17644]	chr8	+

[188]	AL157935.1	ENSG00000227218.7	2.762698	3.95E-24	novel transcript	chr9	+
[189]	OVGP1	ENSG00000085465.13	2.758537	1.31E-06	oviductal glycoprotein 1 [Source:HGNC Symbol;Acc:HGNC:8524]	chr1	-
[190]	KLHL24	ENSG00000114796.16	2.751849	1.19E-233	kelch like family member 24 [Source:HGNC Symbol;Acc:HGNC:25947]	chr3	+
[191]	MSH4	ENSG00000057468.7	2.743112	0.000189	mutS homoLog 4 [Source:HGNC Symbol;Acc:HGNC:7327]	chr1	+
[192]	BX470209.2	ENSG00000236507.2	2.737528	0.000174	novel transcript	chr9	-
[193]	AC087428.1	ENSG00000287505.1	2.737504	0.000176	novel transcript	chr3	-
[194]	AC010336.1	ENSG00000214248.2	2.73735	2.60E-05	novel transcript, antisense to LRRC8E	chr19	-
[195]	PDGFB	ENSG00000100311.17	2.737338	0.000174	platelet derived growth factor subunit B [Source:HGNC Symbol;Acc:HGNC:8800]	chr22	-
[196]	TLR9	ENSG00000239732.3	2.737338	0.000174	toll like receptor 9 [Source:HGNC Symbol;Acc:HGNC:15633]	chr3	-
[197]	AC009108.3	ENSG00000270020.1	2.737295	0.000177	novel transcript	chr16	-
[198]	CCR2	ENSG00000121807.5	2.736433	0.000178	C-C motif chemokine receptor 2 [Source:HGNC Symbol;Acc:HGNC:1603]	chr3	+
[199]	MYO1G	ENSG00000136286.16	2.736394	0.000175	myosin IG [Source:HGNC Symbol;Acc:HGNC:13880]	chr7	-
[200]	AL138828.1	ENSG00000237596.7	2.736187	1.94E-23	novel transcript	chr6	-
[201]	OLAH	ENSG00000152463.14	2.732731	7.53E-06	oleoyl-ACP hydrolase [Source:HGNC Symbol;Acc:HGNC:25625]	chr10	+
[202]	BMF	ENSG00000104081.14	2.715476	1.29E-32	Bcl2 modifying factor [Source:HGNC Symbol;Acc:HGNC:24132]	chr15	-
[203]	TG	ENSG00000042832.12	2.713046	6.67E-06	thyroglobulin [Source:HGNC Symbol;Acc:HGNC:11764]	chr8	+
[204]	AC022868.2	ENSG00000286113.1	2.709742	5.20E-05	long intergenic non-protein coding RNA 1617	chr8	+
[205]	CD14	ENSG00000170458.14	2.707562	2.12E-05	CD14 molecule [Source:HGNC Symbol;Acc:HGNC:1628]	chr5	-
[206]	DHRS2	ENSG00000100867.14	2.707123	5.23E-31	dehydrogenase/reductase 2 [Source:HGNC Symbol;Acc:HGNC:18349]	chr14	+
[207]	IQCN	ENSG00000130518.17	2.699402	7.83E-48	IQ motif containing N [Source:HGNC Symbol;Acc:HGNC:29350]	chr19	-
[208]	AGT	ENSG00000135744.8	2.697159	9.31E-05	angiotensinogen [Source:HGNC Symbol;Acc:HGNC:333]	chr1	-
[209]	CNTN4	ENSG00000144619.15	2.695478	0.000158	contactin 4 [Source:HGNC Symbol;Acc:HGNC:2174]	chr3	+
[210]	EGLN3	ENSG00000129521.14	2.68587	5.88E-07	egl-9 family hypoxia inducible factor 3 [Source:HGNC Symbol;Acc:HGNC:14661]	chr14	-
[211]	AL137077.2	ENSG00000283078.1	2.684352	6.41E-11	novel transcript	chr20	+

[212]	RRH	ENSG00000180245.6	2.677651	0.00026	retinal pigment epithelium-derived rhodopsin homoLog [Source:HGNC Symbol;Acc:HGNC:10450]	chr4	+
[213]	AC068506.1	ENSG00000278464.2	2.675931	0.000104	novel transcript	chr18	-
[214]	HRNR	ENSG00000197915.6	2.675867	4.06E-129	hornerin [Source:HGNC Symbol;Acc:HGNC:20846]	chr1	-
[215]	ZNF177	ENSG00000188629.12	2.669696	0.000287	zinc finger protein 177 [Source:HGNC Symbol;Acc:HGNC:12966]	chr19	+
[216]	PKMP3	ENSG00000220563.1	2.666462	1.95E-05	pyruvate kinase M1/2 pseudogene 3 [Source:HGNC Symbol;Acc:HGNC:44245]	chr6	-
[217]	KLHDC7B	ENSG00000130487.9	2.653156	4.86E-07	kelch domain containing 7B [Source:HGNC Symbol;Acc:HGNC:25145]	chr22	+
[218]	NGF-AS1	ENSG00000228035.1	2.637768	0.000336	NGF antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:53922]	chr1	+
[219]	AQP3	ENSG00000165272.16	2.631131	6.94E-05	aquaporin 3 (Gill blood group) [Source:HGNC Symbol;Acc:HGNC:636]	chr9	-
[220]	KDM7A	ENSG00000006459.11	2.630778	2.49E-108	lysine demethylase 7A [Source:HGNC Symbol;Acc:HGNC:22224]	chr7	-
[221]	AOC3	ENSG00000131471.7	2.629999	1.16E-09	amine oxidase copper containing 3 [Source:HGNC Symbol;Acc:HGNC:550]	chr17	+
[222]	GSTM3	ENSG00000134202.11	2.627311	0.000146	glutathione S-transferase mu 3 [Source:HGNC Symbol;Acc:HGNC:4635]	chr1	-
[223]	PNRC1	ENSG00000146278.11	2.618825	6.33E-151	proline rich nuclear receptor coactivator 1 [Source:HGNC Symbol;Acc:HGNC:17278]	chr6	+
[224]	DDIT3	ENSG00000175197.12	2.616806	0	DNA damage inducible transcript 3 [Source:HGNC Symbol;Acc:HGNC:2726]	chr12	-
[225]	CREBRF	ENSG00000164463.12	2.6092	1.17E-173	CREB3 regulatory factor [Source:HGNC Symbol;Acc:HGNC:24050]	chr5	+
[226]	PRTG	ENSG00000166450.13	2.606044	0.000405	protogenin [Source:HGNC Symbol;Acc:HGNC:26373]	chr15	-
[227]	DISP3	ENSG00000204624.8	2.605127	0.000408	dispatched RND transporter family member 3 [Source:HGNC Symbol;Acc:HGNC:29251]	chr1	+
[228]	HNF4A	ENSG00000101076.16	2.602077	0.00017	hepatocyte nuclear factor 4 alpha [Source:HGNC Symbol;Acc:HGNC:5024]	chr20	+
[229]	DIRAS2	ENSG00000165023.7	2.592641	6.12E-09	DIRAS family GTPase 2 [Source:HGNC Symbol;Acc:HGNC:19323]	chr9	-
[230]	FNDCC7	ENSG00000143107.10	2.587827	1.19E-05	fibronectin type III domain containing 7 [Source:HGNC Symbol;Acc:HGNC:26668]	chr1	+
[231]	ACAN	ENSG00000157766.17	2.58469	0.000464	aggrecan [Source:HGNC Symbol;Acc:HGNC:319]	chr15	+

[232]	AC016717.2	ENSG00000273301.1	2.584604	3.01E-05	novel transcript	chr2	+
[233]	EAF1-AS1	ENSG00000249786.7	2.584376	1.46E-05	EAF1 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:42328]	chr3	-
[234]	MRC1	ENSG00000260314.3	2.584291	3.02E-05	mannose receptor C-type 1 [Source:HGNC Symbol;Acc:HGNC:7228]	chr10	+
[235]	ZFH2	ENSG00000136367.14	2.583394	0.000122	zinc finger homeobox 2 [Source:HGNC Symbol;Acc:HGNC:20152]	chr14	-
[236]	SHANK2	ENSG00000162105.19	2.579888	1.50E-05	SH3 and multiple ankyrin repeat domains 2 [Source:HGNC Symbol;Acc:HGNC:14295]	chr11	-
[237]	AC006538.1	ENSG00000261342.1	2.578608	4.34E-17	novel transcript	chr19	-
[238]	KCNJ3	ENSG00000162989.5	2.574115	0.000152	potassium inwardly rectifying channel subfamily J member 3 [Source:HGNC Symbol;Acc:HGNC:6264]	chr2	+
[239]	BAMBI	ENSG00000095739.11	2.572906	5.18E-16	BMP and activin membrane bound inhibitor [Source:HGNC Symbol;Acc:HGNC:30251]	chr10	+
[240]	ID2	ENSG00000115738.10	2.559267	0	inhibitor of DNA binding 2 [Source:HGNC Symbol;Acc:HGNC:5361]	chr2	+
[241]	C1orf61	ENSG00000125462.18	2.554901	2.36E-07	MIR9-1 host gene [Source:HGNC Symbol;Acc:HGNC:30780]	chr1	-
[242]	TUSC3	ENSG00000104723.21	2.549187	2.57E-05	tumor suppressor candidate 3 [Source:HGNC Symbol;Acc:HGNC:30242]	chr8	+
[243]	COL20A1	ENSG00000101203.16	2.545362	0.00021	collagen type XX alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:14670]	chr20	+
[244]	RPL3L	ENSG00000140986.8	2.54158	0.000622	ribosomal protein L3 like [Source:HGNC Symbol;Acc:HGNC:10351]	chr16	-
[245]	RTL5	ENSG00000242732.4	2.539789	8.37E-11	retrotransposon Gag like 5 [Source:HGNC Symbol;Acc:HGNC:29430]	chrX	-
[246]	AKNA	ENSG00000106948.16	2.537497	3.32E-42	AT-hook transcription factor [Source:HGNC Symbol;Acc:HGNC:24108]	chr9	-
[247]	KRTAP13-2	ENSG00000182816.9	2.535435	0.000619	keratin associated protein 13-2 [Source:HGNC Symbol;Acc:HGNC:18923]	chr21	-
[248]	S1PR1	ENSG00000170989.9	2.533316	5.88E-09	sphingosine-1-phosphate receptor 1 [Source:HGNC Symbol;Acc:HGNC:3165]	chr1	+
[249]	AL606500.1	ENSG00000287064.1	2.532006	5.01E-10	novel transcript	chr1	+
[250]	AC125257.1	ENSG00000259623.1	2.528314	0.00023	novel transcript, sense overlapping to KLHL11	chr17	-
[251]	ERBB3	ENSG00000065361.15	2.523134	3.00E-05	erb-b2 receptor tyrosine kinase 3 [Source:HGNC Symbol;Acc:HGNC:3431]	chr12	+

[252]	TRIM54	ENSG00000138100.13	2.516766	2.53E-05	tripartite motif containing 54 [Source:HGNC Symbol;Acc:HGNC:16008]	chr2	+
[253]	PLCL1	ENSG00000115896.16	2.515448	2.34E-06	phospholipase C like 1 (inactive) [Source:HGNC Symbol;Acc:HGNC:9063]	chr2	+
[254]	MYCT1	ENSG00000120279.6	2.5123	0.00071	MYC target 1 [Source:HGNC Symbol;Acc:HGNC:23172]	chr6	+
[255]	MORC1	ENSG00000114487.10	2.509442	4.23E-32	MORC family CW-type zinc finger 1 [Source:HGNC Symbol;Acc:HGNC:7198]	chr3	-
[256]	AC144831.1	ENSG00000261888.1	2.509218	7.55E-05	novel transcript	chr17	+
[257]	AL139130.1	ENSG00000237390.1	2.49687	0.000355	novel transcript	chr1	+
[258]	CDKL3	ENSG00000006837.12	2.493738	1.58E-05	cyclin dependent kinase like 3 [Source:HGNC Symbol;Acc:HGNC:15483]	chr5	-
[259]	SLC6A9	ENSG00000196517.11	2.483774	4.33E-46	solute carrier family 6 member 9 [Source:HGNC Symbol;Acc:HGNC:11056]	chr1	-
[260]	CD163	ENSG00000177575.12	2.482114	0.0008	CD163 molecule [Source:HGNC Symbol;Acc:HGNC:1631]	chr12	-
[261]	LINC00917	ENSG00000168367.11	2.480641	8.97E-05	long intergenic non-protein coding RNA 917 [Source:HGNC Symbol;Acc:HGNC:48607]	chr16	-
[262]	NRCAM	ENSG00000091129.20	2.480298	3.47E-05	neuronal cell adhesion molecule [Source:HGNC Symbol;Acc:HGNC:7994]	chr7	-
[263]	AC051619.5	ENSG00000259520.6	2.474166	0.000879	novel transcript, antisense to SLC28A2	chr15	-
[264]	DYDC2	ENSG00000133665.13	2.471525	0.000486	DPY30 domain containing 2 [Source:HGNC Symbol;Acc:HGNC:23468]	chr10	+
[265]	MAB21L3	ENSG00000173212.4	2.47132	4.58E-07	mab-21 like 3 [Source:HGNC Symbol;Acc:HGNC:26787]	chr1	+
[266]	ATP6V0D2	ENSG00000147614.4	2.46874	3.86E-97	ATPase H <sup>+</sup> transporting V0 subunit d2 [Source:HGNC Symbol;Acc:HGNC:18266]	chr8	+
[267]	ADAMTSL4	ENSG00000143382.14	2.464102	1.62E-10	ADAMTS like 4 [Source:HGNC Symbol;Acc:HGNC:19706]	chr1	+
[268]	MRNIP	ENSG00000161010.15	2.460702	2.65E-09	MRN complex interacting protein [Source:HGNC Symbol;Acc:HGNC:30817]	chr5	-
[269]	MYLIP	ENSG00000007944.15	2.459974	1.47E-22	myosin regulatory light chain interacting protein [Source:HGNC Symbol;Acc:HGNC:21155]	chr6	+
[270]	AC004453.2	ENSG00000279853.1	2.453484	0.00078	tec	chr7	-
[271]	IDH1	ENSG00000138413.13	2.451229	0	isocitrate dehydrogenase (NADP(+)) 1 [Source:HGNC Symbol;Acc:HGNC:5382]	chr2	-
[272]	TEX54	ENSG00000283268.1	2.450338	9.76E-05	testis expressed 54 [Source:HGNC Symbol;Acc:HGNC:53729]	chr11	-

[273]	TCL6	ENSG00000187621.14	2.448647	1.66E-09	T cell leukemia/lymphoma 6 [Source:HGNC Symbol;Acc:HGNC:13463]	chr14	+
[274]	MUC17	ENSG00000169876.14	2.439946	0.00107	mucin 17, cell surface associated [Source:HGNC Symbol;Acc:HGNC:16800]	chr7	+
[275]	CPNE5	ENSG00000124772.12	2.439676	0.001071	copine 5 [Source:HGNC Symbol;Acc:HGNC:2318]	chr6	-
[276]	ADAM30	ENSG00000134249.7	2.439454	0.001072	ADAM metalloproteinase domain 30 [Source:HGNC Symbol;Acc:HGNC:208]	chr1	-
[277]	WFIKN2	ENSG00000173714.8	2.439454	0.001072	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2 [Source:HGNC Symbol;Acc:HGNC:30916]	chr17	+
[278]	MIR7-3HG	ENSG00000176840.12	2.438609	0.001077	MIR7-3 host gene [Source:HGNC Symbol;Acc:HGNC:30049]	chr19	+
[279]	TBC1D29P	ENSG00000266733.7	2.438609	0.001077	TBC1 domain family member 29, pseudogene [Source:HGNC Symbol;Acc:HGNC:24509]	chr17	+
[280]	AC005393.1	ENSG00000276445.1	2.435954	0.000188	novel transcript	chr19	-
[281]	AC027644.4	ENSG00000284461.2	2.434045	0.000535	novel transcript	chr7	+
[282]	BTG2	ENSG00000159388.6	2.424563	1.85E-15	BTG anti-proliferation factor 2 [Source:HGNC Symbol;Acc:HGNC:1131]	chr1	+
[283]	KLF5	ENSG00000102554.14	2.419831	3.69E-151	Kruppel like factor 5 [Source:HGNC Symbol;Acc:HGNC:6349]	chr13	+
[284]	SPTBN2	ENSG00000173898.13	2.419723	0.000171	spectrin beta, non- erythrocytic 2 [Source:HGNC Symbol;Acc:HGNC:11276]	chr11	-
[285]	BIRC3	ENSG0000023445.14	2.417533	6.33E-44	baculoviral IAP repeat containing 3 [Source:HGNC Symbol;Acc:HGNC:591]	chr11	+
[286]	AC139100.1	ENSG00000267251.2	2.411606	0.000988	novel transcript, antisense to PARD6G	chr18	+
[287]	SOX2-OT	ENSG00000242808.9	2.410605	0.000546	SOX2 overlapping transcript [Source:HGNC Symbol;Acc:HGNC:20209]	chr3	+
[288]	VAMP8	ENSG00000118640.11	2.408514	0.001283	vesicle associated membrane protein 8 [Source:HGNC Symbol;Acc:HGNC:12647]	chr2	+
[289]	AL031432.1	ENSG00000231953.2	2.407127	0.001293	novel transcript	chr1	+
[290]	MARCKSL1	ENSG00000175130.7	2.406513	1.14E-12	MARCKS like 1 [Source:HGNC Symbol;Acc:HGNC:7142]	chr1	-
[291]	FAM21FP	ENSG00000237840.6	2.397952	1.49E-06	family with sequence similarity 21 member F, pseudogene [Source:HGNC Symbol;Acc:HGNC:45011]	chr10	-
[292]	AC104530.1	ENSG00000288156.1	2.397795	7.55E-05	novel transcript	chr19	+
[293]	DAPP1	ENSG00000070190.13	2.395303	0.00014	dual adaptor of phosphotyrosine and 3- phosphoinositides 1	chr4	+

					[Source:HGNC Symbol;Acc:HGNC:16500]		
[294]	AL031432.5	ENSG00000284657.1	2.385237	9.81E-05	novel transcript	chr1	+
[295]	OVOL1-AS1	ENSG00000255120.5	2.38372	0.001458	OVOL1 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:49319]	chr11	-
[296]	AC010336.8	ENSG00000286138.1	2.382605	0.000507	novel transcript	chr19	+
[297]	PYDC1	ENSG00000169900.7	2.381957	0.001472	pyrin domain containing 1 [Source:HGNC Symbol;Acc:HGNC:30261]	chr16	-
[298]	HOXD1	ENSG00000128645.15	2.381009	0.000843	homeobox D1 [Source:HGNC Symbol;Acc:HGNC:5132]	chr2	+
[299]	LINC002481	ENSG00000246526.2	2.375539	0.000706	long intergenic non-protein coding RNA 2481 [Source:HGNC Symbol;Acc:HGNC:27958]	chr4	-
[300]	HERPUD1	ENSG00000051108.15	2.373438	6.31E-291	homocysteine inducible ER protein with ubiquitin like domain 1 [Source:HGNC Symbol;Acc:HGNC:13744]	chr16	+
[301]	AL133457.1	ENSG00000261038.1	2.371722	0.001558	novel transcript	chr6	-
[302]	MT-TK	ENSG00000210156.1	2.36067	0.001325	mitochondrially encoded tRNA-Lys (AAA/G) [Source:HGNC Symbol;Acc:HGNC:7489]	chrM	+
[303]	FLG	ENSG00000143631.10	2.357529	8.63E-37	filaggrin [Source:HGNC Symbol;Acc:HGNC:3748]	chr1	-
[304]	DRD5P1	ENSG00000184303.5	2.356934	0.000522	dopamine receptor D5 pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:3027]	chr2	-
[305]	DRAVIN	ENSG00000162490.7	2.350635	4.13E-05	dorsal inhibitory axon guidance protein [Source:HGNC Symbol;Acc:HGNC:25054]	chr1	+
[306]	CD300LB	ENSG00000178789.9	2.350051	0.000988	CD300 molecule like family member b [Source:HGNC Symbol;Acc:HGNC:30811]	chr17	-
[307]	AC087632.2	ENSG00000259316.11	2.348215	0.000534	novel protein	chr15	-
[308]	GAPDHP33	ENSG00000240244.3	2.340461	2.15E-05	glyceraldehyde 3 phosphate dehydrogenase pseudogene 33 [Source:HGNC Symbol;Acc:HGNC:37785]	chr1	-
[309]	PRX	ENSG00000105227.14	2.339117	1.25E-19	periaxin [Source:HGNC Symbol;Acc:HGNC:13797]	chr19	-
[310]	ABHD4	ENSG00000100439.10	2.33717	3.57E-68	abhydrolase domain containing 4, N-acyl phospholipase B [Source:HGNC Symbol;Acc:HGNC:20154]	chr14	+
[311]	B3GNT7	ENSG00000156966.7	2.330312	0.001152	UDP-GlcNAc:betaGal beta- 1,3-N- acetylglucosaminyltransferase 7 [Source:HGNC Symbol;Acc:HGNC:18811]	chr2	+
[312]	AF127577.4	ENSG00000235609.7	2.325928	4.89E-55	novel transcript	chr21	-
[313]	HSPA2	ENSG00000126803.9	2.321252	1.30E-83	heat shock protein family A (Hsp70) member 2	chr14	+



					[Source:HGNC Symbol;Acc:HGNC:5235]		
[314]	TNFSF4	ENSG00000117586.11	2.319433	0.000157	TNF superfamily member 4 [Source:HGNC Symbol;Acc:HGNC:11934]	chr1	-
[315]	HSPB9	ENSG00000260325.2	2.319136	0.001666	heat shock protein family B (small) member 9 [Source:HGNC Symbol;Acc:HGNC:30589]	chr17	+
[316]	AOC2	ENSG00000131480.9	2.318926	9.42E-14	amine oxidase copper containing 2 [Source:HGNC Symbol;Acc:HGNC:549]	chr17	+
[317]	ASNS	ENSG00000070669.17	2.318301	0	asparagine synthetase (glutamine-hydrolyzing) [Source:HGNC Symbol;Acc:HGNC:753]	chr7	-
[318]	RXFP4	ENSG00000173080.5	2.316471	5.26E-08	relaxin family peptide/INSL5 receptor 4 [Source:HGNC Symbol;Acc:HGNC:14666]	chr1	+
[319]	HSD3BP5	ENSG00000198857.3	2.314295	8.86E-21	hydroxy-delta-5-steroid dehydrogenase, 3 beta, pseudogene 5 [Source:HGNC Symbol;Acc:HGNC:5223]	chr1	+
[320]	CYP1A1	ENSG00000140465.14	2.310071	4.83E-10	cytochrome P450 family 1 subfamily A member 1 [Source:HGNC Symbol;Acc:HGNC:2595]	chr15	-
[321]	AC037441.1	ENSG00000248738.6	2.309595	0.002147	novel transcript	chr8	+
[322]	ST6GALNAC1	ENSG00000070526.15	2.308784	0.002141	ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:23614]	chr17	-
[323]	AC008969.1	ENSG00000176593.8	2.308277	0.002161	novel transcript, antisense to ZNF606	chr19	+
[324]	VWF	ENSG00000110799.13	2.303523	0.000227	von Willebrand factor [Source:HGNC Symbol;Acc:HGNC:12726]	chr12	-
[325]	ABCA11P	ENSG00000251595.7	2.302797	5.97E-05	ATP binding cassette subfamily A member 11, pseudogene [Source:HGNC Symbol;Acc:HGNC:31]	chr4	-
[326]	AC008063.2	ENSG00000233397.3	2.297628	0.000627	novel transcript	chr2	+
[327]	MKNK2	ENSG00000099875.14	2.288795	0	MAPK interacting serine/threonine kinase 2 [Source:HGNC Symbol;Acc:HGNC:7111]	chr19	-
[328]	CCND2	ENSG00000118971.8	2.286916	0.00241	cyclin D2 [Source:HGNC Symbol;Acc:HGNC:1583]	chr12	+
[329]	C19orf38	ENSG00000214212.9	2.286861	0.000156	chromosome 19 open reading frame 38 [Source:HGNC Symbol;Acc:HGNC:34073]	chr19	+
[330]	JMY	ENSG00000152409.9	2.285	3.61E-152	junction mediating and regulatory protein, p53 cofactor [Source:HGNC Symbol;Acc:HGNC:28916]	chr5	+
[331]	OR52K1	ENSG00000196778.3	2.276702	0.001455	olfactory receptor family 52 subfamily K member 1	chr11	+

					[Source:HGNC Symbol;Acc:HGNC:15222]		
[332]	PMAIP1	ENSG00000141682.11	2.274662	4.07E-196	phorbol-12-myristate-13- acetate-induced protein 1 [Source:HGNC Symbol;Acc:HGNC:9108]	chr18	+
[333]	LINC02009	ENSG00000283646.2	2.273237	1.12E-05	long intergenic non-protein coding RNA 2009 [Source:HGNC Symbol;Acc:HGNC:52845]	chr3	-
[334]	SRSF12	ENSG00000154548.9	2.267682	0.000317	serine and arginine rich splicing factor 12 [Source:HGNC Symbol;Acc:HGNC:21220]	chr6	-
[335]	HMX3	ENSG00000188620.11	2.267039	0.000303	H6 family homeobox 3 [Source:HGNC Symbol;Acc:HGNC:5019]	chr10	+
[336]	CCDC62	ENSG00000130783.14	2.265129	9.69E-05	coiled-coil domain containing 62 [Source:HGNC Symbol;Acc:HGNC:30723]	chr12	+
[337]	RIMKLA	ENSG00000177181.15	2.265126	0.000844	ribosomal modification protein rimK like family member A [Source:HGNC Symbol;Acc:HGNC:28725]	chr1	+
[338]	AL590822.3	ENSG00000287356.1	2.261081	0.000723	novel transcript, antisense to MORN1	chr1	+
[339]	LINC01081	ENSG00000268754.4	2.261055	0.000458	long intergenic non-protein coding RNA 1081 [Source:HGNC Symbol;Acc:HGNC:49124]	chr16	-
[340]	MAP1LC3B	ENSG00000140941.14	2.260975	0	microtubule associated protein 1 light chain 3 beta [Source:HGNC Symbol;Acc:HGNC:13352]	chr16	+
[341]	OVOL1	ENSG00000172818.10	2.257694	0.002784	ovo like transcriptional repressor 1 [Source:HGNC Symbol;Acc:HGNC:8525]	chr11	+
[342]	MST1L	ENSG00000186715.11	2.256896	0.002754	macrophage stimulating 1 like [Source:HGNC Symbol;Acc:HGNC:7390]	chr1	-
[343]	EGFL7	ENSG00000172889.16	2.254288	0.001195	EGF like domain multiple 7 [Source:HGNC Symbol;Acc:HGNC:20594]	chr9	+
[344]	CCN2	ENSG00000118523.6	2.250409	6.81E-155	cellular communication network factor 2 [Source:HGNC Symbol;Acc:HGNC:2500]	chr6	-
[345]	AC008969.2	ENSG00000286949.1	2.246843	0.002892	novel transcript	chr19	-
[346]	GABRR2	ENSG00000111886.11	2.246122	0.002001	gamma-aminobutyric acid type A receptor subunit rho2 [Source:HGNC Symbol;Acc:HGNC:4091]	chr6	-
[347]	AL121749.1	ENSG00000273312.2	2.241643	0.003008	novel transcript	chr10	-
[348]	ATF4P3	ENSG00000228218.1	2.239949	6.57E-112	activating transcription factor 4 pseudogene 3 [Source:HGNC Symbol;Acc:HGNC:788]	chr17	-

[349]	AL391427.1	ENSG00000224251.6	2.234355	0.003073	novel transcript, antisense to AKR1C2	chr10	+
[350]	ATF4P4	ENSG00000256167.1	2.233408	2.79E-26	activating transcription factor 4 pseudogene 4 [Source:HGNC Symbol;Acc:HGNC:787]	chr11	+
[351]	LINC01655	ENSG00000227925.2	2.226896	0.002813	long intergenic non-protein coding RNA 1655 [Source:HGNC Symbol;Acc:HGNC:52443]	chr1	-
[352]	BX005195.1	ENSG00000276204.1	2.226896	0.002813	calcium-sensing receptor (CASR) pseudogene	chr9	-
[353]	LINC01447	ENSG00000236078.2	2.226337	0.00319	long intergenic non-protein coding RNA 1447 [Source:HGNC Symbol;Acc:HGNC:50783]	chr7	+
[354]	AC243960.3	ENSG00000268355.1	2.225275	0.003213	novel transcript	chr19	+
[355]	MUC20	ENSG00000176945.17	2.223595	0.003238	mucin 20, cell surface associated [Source:HGNC Symbol;Acc:HGNC:23282]	chr3	+
[356]	TMEM268	ENSG00000157693.15	2.220695	7.53E-53	transmembrane protein 268 [Source:HGNC Symbol;Acc:HGNC:24513]	chr9	+
[357]	AC134878.1	ENSG00000274231.1	2.218299	4.66E-05	asparagine synthetase (glutamine-hydrolyzing) (ASNS) pseudogene	chrY	+
[358]	LINC02427	ENSG00000271538.6	2.214038	0.002283	long intergenic non-protein coding RNA 2427 [Source:HGNC Symbol;Acc:HGNC:53358]	chr4	-
[359]	KCNT1	ENSG00000107147.13	2.212898	0.003462	potassium sodium-activated channel subfamily T member 1 [Source:HGNC Symbol;Acc:HGNC:18865]	chr9	+
[360]	IL19	ENSG00000142224.16	2.21272	0.003464	interleukin 19 [Source:HGNC Symbol;Acc:HGNC:5990]	chr1	+
[361]	RPS7P2	ENSG00000231837.2	2.21272	0.003464	ribosomal protein S7 pseudogene 2 [Source:HGNC Symbol;Acc:HGNC:36079]	chr1	+
[362]	HSPA1A	ENSG00000204389.10	2.209338	8.81E-64	heat shock protein family A (Hsp70) member 1A [Source:HGNC Symbol;Acc:HGNC:5232]	chr6	+
[363]	ANKRD22	ENSG00000152766.6	2.208239	0.000342	ankyrin repeat domain 22 [Source:HGNC Symbol;Acc:HGNC:28321]	chr10	-
[364]	NXF1	ENSG00000162231.14	2.207411	0	nuclear RNA export factor 1 [Source:HGNC Symbol;Acc:HGNC:8071]	chr11	-
[365]	FIBIN	ENSG00000176971.4	2.203896	2.00E-21	fin bud initiation factor homoLog [Source:HGNC Symbol;Acc:HGNC:33747]	chr11	+
[366]	AL022476.1	ENSG00000230319.1	2.203567	0.002489	TTL1 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:40111]	chr22	+
[367]	DGCR9	ENSG00000273032.2	2.20235	8.44E-05	DiGeorge syndrome critical region gene 5 [Source:NCBI	chr22	+

					gene (formerly Entrezgene);Acc:26220]		
[368]	SLC6A12	ENSG00000111181.12	2.200025	0.003609	solute carrier family 6 member 12 [Source:HGNC Symbol;Acc:HGNC:11045]	chr12	-
[369]	NGFR	ENSG00000064300.9	2.198736	0.003293	nerve growth factor receptor [Source:HGNC Symbol;Acc:HGNC:7809]	chr17	+
[370]	RNU2-62P	ENSG00000222800.1	2.198641	0.003294	RNA, U2 small nuclear 62, pseudogene [Source:HGNC Symbol;Acc:HGNC:48555]	chr6	-
[371]	MUC16	ENSG00000181143.15	2.192521	0.003737	mucin 16, cell surface associated [Source:HGNC Symbol;Acc:HGNC:15582]	chr19	-
[372]	ADCY10P1	ENSG00000161912.18	2.189565	0.00372	ADCY10 pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:44143]	chr6	+
[373]	NGF	ENSG00000134259.3	2.184012	5.24E-12	nerve growth factor [Source:HGNC Symbol;Acc:HGNC:7808]	chr1	-
[374]	AL138878.2	ENSG00000234115.2	2.182445	2.33E-20	isocitrate dehydrogenase 1 (NADP+), soluble (IDH1) pseudogene	chr6	-
[375]	CD248	ENSG00000174807.4	2.181689	0.003621	CD248 molecule [Source:HGNC Symbol;Acc:HGNC:18219]	chr11	-
[376]	AC017104.2	ENSG00000230047.1	2.18114	0.003636	HIGD2A pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:54793]	chr2	-
[377]	COL23A1	ENSG00000050767.17	2.177351	0.004022	collagen type XXIII alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:22990]	chr5	-
[378]	AC017104.1	ENSG00000224376.1	2.170292	0.002351	novel transcript	chr2	+
[379]	ZNF554	ENSG00000172006.12	2.168949	1.13E-15	zinc finger protein 554 [Source:HGNC Symbol;Acc:HGNC:26629]	chr19	+
[380]	RAB44	ENSG00000255587.9	2.168892	0.004177	RAB44, member RAS oncogene family [Source:HGNC Symbol;Acc:HGNC:21068]	chr6	+
[381]	MTTP	ENSG00000138823.13	2.161824	0.004378	microsomal triglyceride transfer protein [Source:HGNC Symbol;Acc:HGNC:7467]	chr4	+
[382]	MRGPRE	ENSG00000184350.11	2.160801	0.003293	MAS related GPR family member E [Source:HGNC Symbol;Acc:HGNC:30694]	chr11	-
[383]	STX17-AS1	ENSG00000255145.3	2.159894	0.004339	STX17 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:51174]	chr9	-
[384]	PART1	ENSG00000152931.8	2.155555	1.23E-07	prostate androgen-regulated transcript 1 [Source:HGNC Symbol;Acc:HGNC:17263]	chr5	+
[385]	CMYA5	ENSG00000164309.15	2.154561	6.24E-12	cardiomyopathy associated 5 [Source:HGNC Symbol;Acc:HGNC:14305]	chr5	+

[386]	TAS1R1	ENSG00000173662.21	2.154344	0.00446	taste 1 receptor member 1 [Source:HGNC Symbol;Acc:HGNC:14448]	chr1	+
[387]	AC068722.2	ENSG00000273972.1	2.147824	0.00469	novel transcript	chr15	+
[388]	PHF24	ENSG00000122733.12	2.143271	0.001524	PHD finger protein 24 [Source:HGNC Symbol;Acc:HGNC:29180]	chr9	+
[389]	RPTN	ENSG00000215853.3	2.141245	1.62E-07	repetin [Source:HGNC Symbol;Acc:HGNC:26809]	chr1	-
[390]	MAF	ENSG00000178573.7	2.140444	1.14E-07	MAF bZIP transcription factor [Source:HGNC Symbol;Acc:HGNC:6776]	chr16	-
[391]	FBXO32	ENSG00000156804.7	2.139916	0	F-box protein 32 [Source:HGNC Symbol;Acc:HGNC:16731]	chr8	-
[392]	KCNJ2	ENSG00000123700.4	2.138461	1.30E-30	potassium inwardly rectifying channel subfamily J member 2 [Source:HGNC Symbol;Acc:HGNC:6263]	chr17	+
[393]	CLEC18B	ENSG00000140839.11	2.134213	0.003555	C-type lectin domain family 18 member B [Source:HGNC Symbol;Acc:HGNC:33849]	chr16	-
[394]	CACNA1I	ENSG00000100346.18	2.133684	0.004897	calcium voltage-gated channel subunit alpha1 I [Source:HGNC Symbol;Acc:HGNC:1396]	chr22	+
[395]	TNNI3	ENSG00000129991.13	2.132414	0.004942	troponin I3, cardiac type [Source:HGNC Symbol;Acc:HGNC:11947]	chr19	-
[396]	AL158151.4	ENSG00000268707.1	2.130865	0.003714	novel transcript	chr9	+
[397]	RFPL3S	ENSG00000205853.11	2.128962	3.58E-05	RFPL3 antisense [Source:HGNC Symbol;Acc:HGNC:9981]	chr22	-
[398]	KRT18P61	ENSG00000267083.1	2.127079	0.002928	keratin 18 pseudogene 61 [Source:HGNC Symbol;Acc:HGNC:48888]	chr17	+
[399]	SESN3	ENSG00000149212.12	2.124326	6.04E-60	sestrin 3 [Source:HGNC Symbol;Acc:HGNC:23060]	chr11	-
[400]	Z83844.3	ENSG00000285304.1	2.121544	0.005332	novel protein	chr22	+
[401]	CSTA	ENSG00000121552.4	2.120137	1.87E-07	cystatin A [Source:HGNC Symbol;Acc:HGNC:2481]	chr3	+
[402]	BGLAP	ENSG00000242252.2	2.119422	0.002061	bone gamma- carboxyglutamate protein [Source:HGNC Symbol;Acc:HGNC:1043]	chr1	+
[403]	PLK2	ENSG00000145632.15	2.118039	0	polo like kinase 2 [Source:HGNC Symbol;Acc:HGNC:19699]	chr5	-
[404]	CDC42BPG	ENSG00000171219.9	2.117367	0.005264	CDC42 binding protein kinase gamma [Source:HGNC Symbol;Acc:HGNC:29829]	chr11	-
[405]	AC012181.1	ENSG00000261114.1	2.117039	4.98E-05	novel transcript, sense intronic to HERPUD1	chr16	+
[406]	RAD51AP2	ENSG00000214842.5	2.11423	0.005489	RAD51 associated protein 2 [Source:HGNC Symbol;Acc:HGNC:34417]	chr2	-
[407]	AC010198.1	ENSG00000246331.2	2.114213	0.005489	novel transcript	chr12	+

[408]	AC107959.1	ENSG00000245025.3	2.114187	8.80E-49	novel transcript, antisense to RHOBTB2	chr8	-
[409]	CETP	ENSG00000087237.12	2.111445	0.002087	cholesteryl ester transfer protein [Source:HGNC Symbol;Acc:HGNC:1869]	chr16	+
[410]	NCOA7	ENSG00000111912.20	2.105356	1.50E-171	nuclear receptor coactivator 7 [Source:HGNC Symbol;Acc:HGNC:21081]	chr6	+
[411]	STK32A	ENSG00000169302.16	2.103708	1.72E-21	serine/threonine kinase 32A [Source:HGNC Symbol;Acc:HGNC:28317]	chr5	+
[412]	ANPEP	ENSG00000166825.14	2.101163	0.005663	alanyl aminopeptidase, membrane [Source:HGNC Symbol;Acc:HGNC:500]	chr15	-
[413]	AL035448.1	ENSG00000236526.1	2.100822	0.005669	novel transcript	chr20	-
[414]	SPX	ENSG00000134548.11	2.099621	0.000178	spexin hormone [Source:HGNC Symbol;Acc:HGNC:28139]	chr12	+
[415]	AL031432.4	ENSG00000284602.1	2.096212	8.06E-09	novel transcript	chr1	+
[416]	TTN-AS1	ENSG00000237298.10	2.095817	0.002821	TTN antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:44124]	chr2	+
[417]	MISP	ENSG00000099812.9	2.090049	0.004442	mitotic spindle positioning [Source:HGNC Symbol;Acc:HGNC:27000]	chr19	+
[418]	IL1A	ENSG00000115008.5	2.088719	1.73E-19	interleukin 1 alpha [Source:HGNC Symbol;Acc:HGNC:5991]	chr2	-
[419]	LINC02019	ENSG00000273356.1	2.08248	6.97E-05	long intergenic non-protein coding RNA 2019 [Source:HGNC Symbol;Acc:HGNC:52854]	chr3	+
[420]	AC002331.1	ENSG00000286712.1	2.081342	0.006339	novel transcript	chr16	+
[421]	AC135506.1	ENSG00000270441.1	2.080522	0.006215	laminin subunit beta 2 pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:6488]	chr3	-
[422]	NR4A3	ENSG00000119508.18	2.07209	4.54E-15	nuclear receptor subfamily 4 group A member 3 [Source:HGNC Symbol;Acc:HGNC:7982]	chr9	+
[423]	AC004988.1	ENSG00000203446.2	2.071683	1.88E-14	SUGCT antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:40745]	chr7	-
[424]	HEXIM1	ENSG00000186834.3	2.070688	4.96E-132	HEXIM P-TEFb complex subunit 1 [Source:HGNC Symbol;Acc:HGNC:24953]	chr17	+
[425]	LRATD2	ENSG00000168672.4	2.070662	2.86E-10	LRAT domain containing 2 [Source:HGNC Symbol;Acc:HGNC:24166]	chr8	-
[426]	ITGB4	ENSG00000132470.14	2.066428	0.006042	integrin subunit beta 4 [Source:HGNC Symbol;Acc:HGNC:6158]	chr17	+
[427]	AC005593.1	ENSG00000279584.1	2.065941	0.006575	TEC	chr5	+
[428]	AC127002.2	ENSG00000275265.1	2.06204	0.003807	novel transcript	chr12	+
[429]	TSPOAP1	ENSG00000005379.17	2.061452	0.00692	TSPO associated protein 1 [Source:HGNC Symbol;Acc:HGNC:16831]	chr17	-

[430]	CH25H	ENSG00000138135.7	2.060389	1.37E-05	cholesterol 25-hydroxylase [Source:HGNC Symbol;Acc:HGNC:1907]	chr10	-
[431]	AC090004.2	ENSG00000287059.1	2.05787	0.000341	novel transcript	chr3	-
[432]	ANKRD18CP	ENSG00000159712.10	2.056538	0.004932	ankyrin repeat domain 18C, pseudogene [Source:HGNC Symbol;Acc:HGNC:43601]	chr9	-
[433]	AC073111.3	ENSG00000284048.2	2.056508	0.005906	novel transcript	chr7	+
[434]	CD55	ENSG00000196352.15	2.054501	7.88E-218	CD55 molecule (Cromer blood group) [Source:HGNC Symbol;Acc:HGNC:2665]	chr1	+
[435]	AC108517.1	ENSG00000249111.1	2.05067	2.14E-07	novel transcript	chr4	+
[436]	C16orf46	ENSG00000166455.13	2.047763	0.002585	chromosome 16 open reading frame 46 [Source:HGNC Symbol;Acc:HGNC:26525]	chr16	-
[437]	AC073283.3	ENSG00000273269.3	2.047181	0.007148	novel transcript	chr2	-
[438]	SLIT1	ENSG00000187122.17	2.041772	0.005318	slit guidance ligand 1 [Source:HGNC Symbol;Acc:HGNC:11085]	chr10	-
[439]	PLA2G4D	ENSG00000159337.7	2.04174	0.007303	phospholipase A2 group IVD [Source:HGNC Symbol;Acc:HGNC:30038]	chr15	-
[440]	AC024082.1	ENSG00000231923.1	2.03749	0.006229	Der1-like domain family, member 2 (DERL2) pseudogene	chr7	+
[441]	PTPRR	ENSG00000153233.13	2.034595	5.25E-24	protein tyrosine phosphatase receptor type R [Source:HGNC Symbol;Acc:HGNC:9680]	chr12	-
[442]	NTN4	ENSG00000074527.12	2.03456	6.22E-20	netrin 4 [Source:HGNC Symbol;Acc:HGNC:13658]	chr12	-
[443]	FAM209A	ENSG00000124103.9	2.033612	0.005665	family with sequence similarity 209 member A [Source:HGNC Symbol;Acc:HGNC:16100]	chr20	+
[444]	PCDHA12	ENSG00000251664.5	2.031779	0.005845	protocadherin alpha 12 [Source:HGNC Symbol;Acc:HGNC:8666]	chr5	+
[445]	GADD45A	ENSG00000116717.13	2.03003	6.32E-197	growth arrest and DNA damage inducible alpha [Source:HGNC Symbol;Acc:HGNC:4095]	chr1	+
[446]	TMEM269	ENSG00000274386.5	2.029629	0.003332	transmembrane protein 269 [Source:HGNC Symbol;Acc:HGNC:52381]	chr1	+
[447]	AC003005.1	ENSG00000268107.6	2.028118	0.001761	novel transcript	chr19	+
[448]	LINC00862	ENSG00000203721.7	2.025027	0.00159	long intergenic non-protein coding RNA 862 [Source:HGNC Symbol;Acc:HGNC:21901]	chr1	-
[449]	HEATR4	ENSG00000187105.8	2.024636	0.005718	HEAT repeat containing 4 [Source:HGNC Symbol;Acc:HGNC:16761]	chr14	-
[450]	AC016925.3	ENSG00000287796.1	2.024422	0.008198	novel transcript	chrX	+
[451]	AC011365.1	ENSG00000254042.2	2.018378	0.00578	SLIT3 antisense RNA 2 [Source:HGNC Symbol;Acc:HGNC:40551]	chr5	+

[452]	NEBL	ENSG00000078114.18	2.01785	0.001878	nebulette [Source:HGNC Symbol;Acc:HGNC:16932]	chr10	-
[453]	CTNNA3	ENSG00000183230.17	2.012064	0.008428	catenin alpha 3 [Source:HGNC Symbol;Acc:HGNC:2511]	chr10	-
[454]	PINCR	ENSG00000224294.1	2.009538	0.008782	p53-induced noncoding RNA [Source:HGNC Symbol;Acc:HGNC:53590]	chrX	+
[455]	MLC1	ENSG00000100427.15	2.009266	0.00844	modulator of VRAC current 1 [Source:HGNC Symbol;Acc:HGNC:17082]	chr22	-
[456]	RNU6-781P	ENSG00000252186.1	2.009142	0.008528	RNA, U6 small nuclear 781, pseudogene [Source:HGNC Symbol;Acc:HGNC:47744]	chr12	+
[457]	SNX31	ENSG00000174226.9	2.008973	0.008409	sorting nexin 31 [Source:HGNC Symbol;Acc:HGNC:28605]	chr8	-
[458]	RNF223	ENSG00000237330.3	2.007028	0.008473	ring finger protein 223 [Source:HGNC Symbol;Acc:HGNC:40020]	chr1	-
[459]	AC138356.3	ENSG00000253181.2	2.005857	0.008549	novel transcript	chr8	+
[460]	BTG1	ENSG00000133639.5	2.00555	1.47E-147	BTG anti-proliferation factor 1 [Source:HGNC Symbol;Acc:HGNC:1130]	chr12	-
[461]	LINC01822	ENSG00000229621.2	2.000452	0.004249	long intergenic non-protein coding RNA 1822 [Source:HGNC Symbol;Acc:HGNC:52627]	chr2	-