



**Figure S1:** Apoptosis TUNEL assay of skins equivalents cultured with control conditions, control condition and exposed to UVB, hot/wet conditions, cold/dry conditions. The apoptotic cells are labeled in green, cell nuclei labeled with DAPI appear in blue. Scale bar: 50 µm.

**Table SI:** list of oligonucleotides used in QPCR experiments

<b>Gene</b>	<b>Forward primer</b>	<b>Reverse primer</b>
LCE1A	TGCAAGAGTGGCTGAGATGC	AGACAACACAGTTGGTGT
LCE1DE	TGAATAGCTGAGAGGTTC	CAGCCATGGATCTGCAGAAG
LCE5A	CTGATGCTAGGTCAGGACTGA	TGGTCCTGAGAAGCACTCTAC
COL4A1	CCAGGATTTCAAGGTCCAAA	CTCCCCTTTGATGATGTCGT
LUM	TGGCATTGATTGGTGGTACCA	TGGGTAGCTTTCAGGGCAGTT
FOS	CAAGCGGAGACAGACCAACT	AGTCAGATCAAGGGAAGCCA

**Table SII – Part I: genes significantly modulated after treatment 1 (hot-wet)**

<b>p-value (Treat-1_vs_CTRL)</b>	<b>Fold change (Treat-1_vs_CTRL)</b>	<b>Gene Symbol</b>	<b>Description</b>
0,001147884	15,61495918	MIR639	Homo sapiens microRNA 639 (MIR639), microRNA.
0,021880609	12,6104707	LOC642685	PREDICTED: Homo sapiens similar to maternal G10 transcript (LOC642685), mRNA.
0,010879477	8,858661664	LOC389365	PREDICTED: Homo sapiens hypothetical LOC389365 (LOC389365), mRNA.
0,022200861	6,339924039	HS.566764	DKFZp781A1072_s1 781 (synonym: hlcc4) Homo sapiens cDNA clone DKFZp781A1072 3, mRNA sequence
0,022672172	5,826114515	DKK4	Homo sapiens dickkopf homolog 4 (Xenopus laevis) (DKK4), mRNA.
0,036661342	5,448113208	SLC25A29	Homo sapiens solute carrier family 25, member 29 (SLC25A29), nuclear gene encoding mitochondrial protein, mRNA.
0,035172618	5,141273735	LOC100128361	PREDICTED: Homo sapiens similar to hCG1985411 (LOC100128361), mRNA.
0,01471108	4,783488094	LOC652119	PREDICTED: Homo sapiens similar to putative DUX4 protein (LOC652119), mRNA.
0,009233667	4,511367872	REPS1	Homo sapiens RALBP1 associated Eps domain containing 1 (REPS1), mRNA.
0,031513664	4,407256363	LOC283314	PREDICTED: Homo sapiens misc_RNA (LOC283314), miscRNA.
0,010390588	3,970881226	LOC642773	PREDICTED: Homo sapiens similar to Myc-associated zinc finger protein (MAZI)
0,006806623	3,764373992	LOC391132	PREDICTED: Homo sapiens misc_RNA (LOC391132), miscRNA.
0,025247792	3,671307506	HS.359754	wg84h06.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2371835 3, mRNA sequence
0,041015951	3,645990047	RNF40	Homo sapiens ring finger protein 40 (RNF40), transcript variant 2, mRNA.
0,029203217	3,532079646	POMC	Homo sapiens proopiomelanocortin (POMC), transcript variant 1, mRNA.
0,022273302	3,441068318	ADPRH	Homo sapiens ADP-ribosylarginine hydrolase (ADPRH), mRNA.
0,040021714	3,34969612	CCDC88C	Homo sapiens coiled-coil domain containing 88C (CCDC88C), mRNA.
0,044141986	3,296795014	LOC100131769	PREDICTED: Homo sapiens similar to phosphatidylinositol-specific phospholipase C, X domain containing 1
0,002629966	3,17140825	LOC642503	PREDICTED: Homo sapiens hypothetical protein LOC642503 (LOC642503), mRNA.
0,040885053	3,086969318	MPEG1	PREDICTED: Homo sapiens macrophage expressed gene 1, transcript variant 1 (MPEG1), mRNA.
0,017565707	3,002209131	LOC728931	PREDICTED: Homo sapiens similar to hCG17429 (LOC728931), mRNA.
0,038989322	2,99719888	GDF1	Homo sapiens growth differentiation factor 1 (GDF1), mRNA.
0,022077718	2,982349975	CFHR2	Homo sapiens complement factor H-related 2 (CFHR2), mRNA.
0,041227528	2,980982567	TWIST2	PREDICTED: Homo sapiens twist homolog 2 (Drosophila), transcript variant 2 (TWIST2), mRNA.
0,039173636	2,923630075	TBC1D3B	Homo sapiens TBC1 domain family, member 3B (TBC1D3B), mRNA.

0,011810076	2,894561598	NR2E1	Homo sapiens nuclear receptor subfamily 2, group E, member 1 (NR2E1), mRNA.
0,028497002	2,794481446	HS.532720	PREDICTED: Homo sapiens hypothetical gene supported by BC042100 (LOC440602), mRNA
0,019071834	2,708459596	LOC441442	PREDICTED: Homo sapiens misc_RNA (LOC441442), miscRNA.
0,00062686	2,689735099	CTU2	Homo sapiens cytosolic thiouridylase subunit 2 homolog (S. pombe) (CTU2), transcript variant 2, mRNA.
0,005879286	2,679978118	NACC1	Homo sapiens nucleus accumbens associated 1, BEN and BTB (POZ) domain containing (NACC1), mRNA.
0,010551026	2,652946274	DKFZP686I15217	Homo sapiens hypothetical protein DKFzP686I15217 (DKFzP686I15217), mRNA.
0,019848194	2,645672491	GPR109B	PREDICTED: Homo sapiens G protein-coupled receptor 109B, transcript variant 3 (GPR109B), mRNA.
0,014518929	2,617721064	MCF2L2	Homo sapiens MCF.2 cell line derived transforming sequence-like 2 (MCF2L2), mRNA.
0,014049258	2,603858521	HS.123511	qh86e12.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1853902 3, mRNA sequence
0,039026708	2,570271558	LOC653941	PREDICTED: Homo sapiens similar to pleckstrin homology domain containing, family F member 2 , mRNA.
0,020553999	2,565894569	IGF2BP1	Homo sapiens insulin-like growth factor 2 mRNA binding protein 1 (IGF2BP1), transcript variant 1, mRNA.
0,001998642	2,493614931	LOC641724	PREDICTED: Homo sapiens similar to stromal antigen 3 (LOC641724), mRNA.
0,002172415	2,485942149	FOS	Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS), mRNA.
0,000740006	2,441836735	C19ORF51	Homo sapiens chromosome 19 open reading frame 51 (C19orf51), mRNA.
0,027136686	2,428548439	LOC100132354	Homo sapiens hypothetical LOC100132354 (LOC100132354), non-coding RNA.
0,030599241	2,422560976	C11ORF44	PREDICTED: Homo sapiens chromosome 11 open reading frame 44 (C11orf44), miscRNA.
0,00557602	2,382090412	ZNF692	Homo sapiens zinc finger protein 692 (ZNF692), transcript variant 2, mRNA.
0,04119647	2,358478317	ACRV1	Homo sapiens acrosomal vesicle protein 1 (ACRV1), transcript variant 11, mRNA.
0,001775609	2,346609939	CLDND2	Homo sapiens claudin domain containing 2 (CLDND2), mRNA.
0,014213449	2,341457753	TRNAU1AP	Homo sapiens tRNA selenocysteine 1 associated protein 1 (TRNAU1AP), transcript variant 2, transcribed RNA.
0,037336584	2,324081314	SEMA7A	Homo sapiens semaphorin 7A, GPI membrane anchor (John Milton Hagen blood group) (SEMA7A), mRNA.
0,013045988	2,306694427	TTC7B	Homo sapiens tetratricopeptide repeat domain 7B (TTC7B), mRNA.
0,030308991	2,300679895	ELOVL3	Homo sapiens elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3 (ELOVL3), mRNA.
0,023001018	2,286523554	LOC654126	PREDICTED: Homo sapiens similar to leucine rich repeat containing 37B, transcript variant 1 (LOC654126), mRNA.
0,008312627	2,274900398	C11ORF49	Homo sapiens chromosome 11 open reading frame 49 (C11orf49), transcript variant 3, mRNA.
0,034303235	2,252291242	HS.582355	DB338622 TESTI2 Homo sapiens cDNA clone TESTI2042012 3, mRNA sequence
0,016498609	2,245620438	LOC100128440	PREDICTED: Homo sapiens hypothetical protein LOC100128440 (LOC100128440), mRNA.

0,030397352	2,235345582	ELMOD3	Homo sapiens ELMO/CED-12 domain containing 3 (ELMOD3), transcript variant 1, mRNA.
0,040450004	2,215302102	RMND5A	Homo sapiens required for meiotic nuclear division 5 homolog A ( <i>S. cerevisiae</i> ) (RMND5A), mRNA.
0,041753236	2,203443429	PVT1	Homo sapiens Pvt1 oncogene (non-protein coding) (PVT1), non-coding RNA.
0,021148264	2,163141813	HACE1	Homo sapiens HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 (HACE1), mRNA.
0,004045858	2,162735849	LOC643505	PREDICTED: Homo sapiens similar to large subunit ribosomal protein L36a (LOC643505), mRNA.
0,03501113	2,118957704	RUNDC2B	Homo sapiens RUN domain containing 2B (RUNDC2B), mRNA.
0,013955125	2,090472456	CARD6	Homo sapiens caspase recruitment domain family, member 6 (CARD6), mRNA.
0,024512889	2,088338338	LTB4R2	Homo sapiens leukotriene B4 receptor 2 (LTB4R2), mRNA.
0,049878209	2,06491319	LOC644075	PREDICTED: Homo sapiens hypothetical protein LOC644075 (LOC644075), mRNA.
0,016199492	2,061155914	C22ORF33	Homo sapiens chromosome 22 open reading frame 33 (C22orf33), mRNA.
0,019417334	2,044878383	LOC100133795	PREDICTED: Homo sapiens misc_RNA (LOC100133795), miscRNA.
0,035212434	2,019426289	FBXO3	Homo sapiens F-box protein 3 (FBXO3), transcript variant 2, mRNA.
0,017187908	1,993582888	HS.543211	xq98e07.x1 NCI_CGAP_Brn53 Homo sapiens cDNA clone IMAGE:2758692 3, mRNA sequence
0,014366637	1,988520035	NOC2L	Homo sapiens nucleolar complex associated 2 homolog ( <i>S. cerevisiae</i> ) (NOC2L), mRNA.
0,027398178	1,981833634	GABRE	Homo sapiens gamma-aminobutyric acid (GABA) A receptor, epsilon (GABRE), mRNA.
0,021622273	1,949377916	LASS4	Homo sapiens LAG1 homolog, ceramide synthase 4 (LASS4), mRNA.
0,034860507	1,945693301	GPR125	PREDICTED: Homo sapiens G protein-coupled receptor 125, transcript variant 3 (GPR125), mRNA.
0,033382527	1,935579782	LOC388255	PREDICTED: Homo sapiens similar to Ig heavy chain V-III region VH26 precursor (LOC388255), mRNA.
0,024663201	1,909352715	ZNF589	Homo sapiens zinc finger protein 589 (ZNF589), mRNA.
0,012253587	1,903850649	PHACTR3	Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 3, mRNA.
0,027713192	1,901353687	CD164L2	Homo sapiens CD164 sialomucin-like 2 (CD164L2), mRNA.
0,039519611	1,885418187	CLDN14	Homo sapiens claudin 14 (CLDN14), transcript variant 2, mRNA.
0,035868233	1,856585659	LOC100131061	PREDICTED: Homo sapiens similar to golgi autoantigen, golgin subfamily a, 2 (LOC100131061), partial mRNA.
0,043421649	1,847622265	LOC100130171	PREDICTED: Homo sapiens misc_RNA (LOC100130171), miscRNA.
0,021294015	1,838734826	DDX60L	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 60-like (DDX60L), mRNA.
0,034051965	1,836721523	HS.566643	UI-H-BI1-ach-b-04-0-UI.s1 NCI_CGAP_Sub3 Homo sapiens cDNA clone IMAGE:2714071 3, mRNA sequence
0,037867764	1,826384142	C3ORF62	Homo sapiens chromosome 3 open reading frame 62 (C3orf62), mRNA.
0,023843487	1,816765789	CNGA1	Homo sapiens cyclic nucleotide gated channel alpha 1 (CNGA1), mRNA.

0,000928762	1,805709906	SASS6	Homo sapiens spindle assembly 6 homolog (C. elegans) (SASS6), mRNA.
0,012396215	1,8042362	TRIM17	Homo sapiens tripartite motif-containing 17 (TRIM17), transcript variant 1, mRNA.
0,01560671	1,793841028	LOC642017	PREDICTED: Homo sapiens hypothetical protein LOC642017 (LOC642017), mRNA.
0,039250065	1,793100568	ZNF669	Homo sapiens zinc finger protein 669 (ZNF669), mRNA.
0,007000537	1,788862928	FLJ45337	Homo sapiens FLJ45337 protein (FLJ45337), mRNA.
0,011711683	1,783775324	HLA-A	Homo sapiens major histocompatibility complex, class I, A (HLA-A), mRNA.
0,015510828	1,781369995	SPRR3	Homo sapiens small proline-rich protein 3 (SPRR3), transcript variant 1, mRNA.
0,023129457	1,779119497	LOC642636	Homo sapiens RAD21 homolog-like (LOC642636), mRNA.
0,027354797	1,771773722	LOC100133916	PREDICTED: Homo sapiens hypothetical protein LOC100133916 (LOC100133916), mRNA.
0,016705661	1,765490259	MYO1G	Homo sapiens myosin IG (MYO1G), mRNA.
0,017382641	1,758593441	HS.133410	AU252491 human favorable neuroblastoma cDNA Homo sapiens cDNA clone Nbla00182 3, mRNA sequence
0,022651773	1,75473613	ABTB2	Homo sapiens ankyrin repeat and BTB (POZ) domain containing 2 (ABTB2), mRNA.
0,007338933	1,748462286	MAPK8IP2	Homo sapiens mitogen-activated protein kinase 8 interacting protein 2 (MAPK8IP2), transcript variant 2, mRNA.
0,038560235	1,742558327	ZNF136	PREDICTED: Homo sapiens zinc finger protein 136 (ZNF136), mRNA.
0,010409998	1,737718061	TNFRSF6B	Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), transcript variant M68C, mRNA.
0,003971285	1,725065461	LOC100134280	PREDICTED: Homo sapiens misc_RNA (LOC100134280), miscRNA.
0,043927731	1,719400889	LOC440258	Homo sapiens similar to p40 (LOC440258), mRNA.
0,044533818	1,710619711	WNK1	Homo sapiens WNK lysine deficient protein kinase 1 (WNK1), mRNA.
0,002295188	1,709889795	LOC729667	PREDICTED: Homo sapiens misc_RNA (LOC729667), miscRNA.
0,013189296	1,703818179	A2ML1	Homo sapiens alpha-2-macroglobulin-like 1 (A2ML1), mRNA.
0,013382123	1,69740634	HIST1H2BH	Homo sapiens histone cluster 1, H2bh (HIST1H2BH), mRNA.
0,022059994	1,694188466	ALG12	Homo sapiens asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S. cerevisiae) (ALG12), mRNA.
0,032622389	1,686915888	MIR1289-1	Homo sapiens microRNA 1289-1 (MIR1289-1), microRNA.
0,027179322	1,685119551	CRNN	Homo sapiens cornulin (CRNN), mRNA.
0,024244435	1,682867376	ALOX15B	Homo sapiens arachidonate 15-lipoxygenase, type B (ALOX15B), transcript variant b, mRNA.
0,048257778	1,662337662	ANO2	Homo sapiens anoctamin 2 (ANO2), mRNA.
0,008561463	1,647079804	PI4KAP2	Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha polypeptide pseudogene 2 (PI4KAP2), mRNA.
0,048137181	1,641444313	HIST1H4K	Homo sapiens histone cluster 1, H4k (HIST1H4K), mRNA.



0,007562737	1,638791594	HS.363126	UI-CF-EN1-add-l-13-0-UI.s1 UI-CF-EN1 Homo sapiens cDNA clone UI-CF-EN1-add-l-13-0-UI 3, mRNA sequence
0,024547127	1,636094012	BEX2	Homo sapiens brain expressed X-linked 2 (BEX2), mRNA.
0,049232203	1,613900511	LOC100129076	PREDICTED: Homo sapiens similar to FP17469 (LOC100129076), mRNA.
0,022721865	1,613619854	TMPRSS11D	Homo sapiens transmembrane protease, serine 11D (TMPRSS11D), mRNA.
0,030023471	1,613516746	CHERP	Homo sapiens calcium homeostasis endoplasmic reticulum protein (CHERP), mRNA.
0,028399537	1,604695241	FXYD3	Homo sapiens FXYD domain containing ion transport regulator 3 (FXYD3), transcript variant 2, mRNA.
0,017368191	1,602888624	LOC649044	PREDICTED: Homo sapiens hypothetical protein LOC649043, transcript variant 2 (LOC649044), mRNA.
0,013562793	1,602482759	LOC728142	PREDICTED: Homo sapiens hypothetical LOC728142 (LOC728142), mRNA.
0,012171856	1,601551666	ELF3	Homo sapiens E74-like factor 3 (ets domain transcription factor, epithelial-specific ) (ELF3), mRNA.
0,00949055	1,59927467	LOC146439	PREDICTED: Homo sapiens hypothetical LOC146439 (LOC146439), mRNA.
0,026460509	1,596320346	CTSC	Homo sapiens cathepsin C (CTSC), transcript variant 2, mRNA.
0,029086602	1,595903663	PHKA1	Homo sapiens phosphorylase kinase, alpha 1 (muscle) (PHKA1), mRNA.
0,025174953	1,585844429	AMOTL2	Homo sapiens angiomin like 2 (AMOTL2), mRNA.
0,019306825	1,585391633	DDR1	Homo sapiens discoidin domain receptor tyrosine kinase 1 (DDR1), transcript variant 2, mRNA.
0,043536869	1,585203606	PRIM2	Homo sapiens primase, DNA, polypeptide 2 (58kDa) (PRIM2), mRNA.
0,04757957	1,579964416	CHD7	Homo sapiens chromodomain helicase DNA binding protein 7 (CHD7), mRNA.
0,030733562	1,572775993	NOL3	Homo sapiens nucleolar protein 3 (apoptosis repressor with CARD domain) (NOL3), mRNA.
0,034089162	1,569301581	LOC391044	PREDICTED: Homo sapiens misc_RNA (LOC391044), miscRNA.
0,025973475	1,558991689	ALDH3B2	Homo sapiens aldehyde dehydrogenase 3 family, member B2 (ALDH3B2), transcript variant 2, mRNA.
0,018488682	1,557531875	TBX21	Homo sapiens T-box 21 (TBX21), mRNA.
0,01998202	1,554889615	TNFRSF6B	Homo sapiens tumor necrosis factor receptor superfamily, member 6b, decoy (TNFRSF6B), transcript variant M68C, mRNA.
0,004096605	1,542771954	C3ORF39	Homo sapiens chromosome 3 open reading frame 39 (C3orf39), mRNA.
0,023443237	1,53831501	37316	Homo sapiens methionyl-tRNA synthetase 2, mitochondrial (MARS2), nuclear gene encoding mitochondrial protein, mRNA.
0,046928559	1,536957663	SDHAF1	Homo sapiens succinate dehydrogenase complex assembly factor 1 (SDHAF1), mRNA.
0,028613323	1,532344316	BARX2	Homo sapiens BARX homeobox 2 (BARX2), mRNA.
0,028471101	1,528070833	PRSS27	Homo sapiens protease, serine 27 (PRSS27), mRNA.
0,03693633	1,528009731	CUL9	Homo sapiens cullin 9 (CUL9), mRNA.
0,045560501	1,523756599	GSTM4	Homo sapiens glutathione S-transferase M4 (GSTM4), transcript variant 1, mRNA.
0,001941388	1,523493218	TSEN54	Homo sapiens tRNA splicing endonuclease 54 homolog (S. cerevisiae) (TSEN54), mRNA.

0,047903781	1,523102384	NAT1	PREDICTED: Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), mRNA.
0,020282383	1,521781408	TBC1D3C	Homo sapiens TBC1 domain family, member 3C (TBC1D3C), mRNA.
0,01820655	1,518273888	ZNF160	Homo sapiens zinc finger protein 160 (ZNF160), transcript variant 1, mRNA.
0,029912214	1,516987532	ZNF296	Homo sapiens zinc finger protein 296 (ZNF296), mRNA.
0,021282145	1,512260927	LCLAT1	Homo sapiens lysocardiolipin acyltransferase 1 (LCLAT1), transcript variant 1, mRNA.
0,000865454	-1,500554392	MFAP2	Homo sapiens microfibrillar-associated protein 2 (MFAP2), transcript variant 2, mRNA.
0,046365574	-1,506646717	NFKB2	Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (NFKB2), transcript variant 3, mRNA.
0,037431093	-1,513012555	PDE5A	Homo sapiens phosphodiesterase 5A, cGMP-specific (PDE5A), transcript variant 1, mRNA.
0,010511498	-1,522543635	MYADM	Homo sapiens myeloid-associated differentiation marker (MYADM), transcript variant 2, mRNA.
0,035084753	-1,524819903	FRS3	Homo sapiens fibroblast growth factor receptor substrate 3 (FRS3), mRNA.
0,037732097	-1,530838909	NLGN2	Homo sapiens neuroligin 2 (NLGN2), mRNA.
0,041056989	-1,532242279	HS.552799	17000600023745 GRN_PRENEU Homo sapiens cDNA 5, mRNA sequence
0,024782566	-1,53779302	LAMB1	Homo sapiens laminin, beta 1 (LAMB1), mRNA.
0,043776016	-1,543278639	PLA2R1	Homo sapiens phospholipase A2 receptor 1, 180kDa (PLA2R1), transcript variant 2, mRNA.
0,023106169	-1,544096781	MCFD2	Homo sapiens multiple coagulation factor deficiency 2 (MCFD2), mRNA.
0,028888745	-1,550406016	C1S	Homo sapiens complement component 1, s subcomponent (C1S), transcript variant 2, mRNA.
0,040444109	-1,552045376	COL6A3	Homo sapiens collagen, type VI, alpha 3 (COL6A3), transcript variant 3, mRNA.
0,021974132	-1,556009601	RGS4	Homo sapiens regulator of G-protein signalling 4 (RGS4), mRNA.
0,042695142	-1,55651419	HS.370359	Homo sapiens mRNA; cDNA DKFZp686F09166 (from clone DKFZp686F09166)
0,022621603	-1,556788601	LSS	Homo sapiens lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) (LSS), transcript variant 1, mRNA.
0,023904218	-1,558713674	PFAS	Homo sapiens phosphoribosylformylglycinamide synthase (FGAR amidotransferase) (PFAS), mRNA.
0,03144416	-1,561329485	PAPPA	Homo sapiens pregnancy-associated plasma protein A, pappalysin 1 (PAPPA), mRNA.
0,012251819	-1,561581744	ENPEP	Homo sapiens glutamyl aminopeptidase (aminopeptidase A) (ENPEP), mRNA.
0,011426397	-1,5649169	DCAF16	Homo sapiens DDB1 and CUL4 associated factor 16 (DCAF16), mRNA.
0,018599003	-1,567293681	RRM2B	Homo sapiens ribonucleotide reductase M2 B (TP53 inducible) (RRM2B), mRNA.
0,04287536	-1,567878888	LOC100128598	PREDICTED: Homo sapiens hypothetical LOC100128598 (LOC100128598), mRNA.
0,015815354	-1,568199698	SPHK1	Homo sapiens sphingosine kinase 1 (SPHK1), transcript variant 1, mRNA.
0,021398152	-1,575567613	TNC	Homo sapiens tenascin C (TNC), mRNA.
0,025985193	-1,575956632	TSPAN9	Homo sapiens tetraspanin 9 (TSPAN9), mRNA.
0,042446308	-1,576658596	ING3	Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 3, mRNA.



0,027994406	-1,582071132	LOC653778	PREDICTED: Homo sapiens similar to solute carrier family 25, member 37 (LOC653778), mRNA.
0,022128668	-1,583296139	HN1L	Homo sapiens hematological and neurological expressed 1-like (HN1L), mRNA.
0,039305062	-1,587784131	C2ORF37	Homo sapiens chromosome 2 open reading frame 37 (C2orf37), mRNA.
0,013399131	-1,589190204	SH3PXD2B	Homo sapiens SH3 and PX domains 2B (SH3PXD2B), mRNA.
0,026967478	-1,591102839	NFIX	Homo sapiens nuclear factor I/X (CCAAT-binding transcription factor) (NFIX), mRNA.
0,030486631	-1,59149637	LMCD1	Homo sapiens LIM and cysteine-rich domains 1 (LMCD1), mRNA.
0,047049542	-1,593941159	EIF5	Homo sapiens eukaryotic translation initiation factor 5 (EIF5), transcript variant 1, mRNA.
0,029078229	-1,597093791	LOC648926	PREDICTED: Homo sapiens similar to Melanoma-associated antigen 1 (MAGE-1 antigen) (Antigen MZ2-E), mRNA.
0,004447298	-1,597265063	XKR8	Homo sapiens XK, Kell blood group complex subunit-related family, member 8 (XKR8), mRNA.
0,011666885	-1,602867106	NEDD1	Homo sapiens neural precursor cell expressed, developmentally down-regulated 1 (NEDD1), mRNA.
0,006425255	-1,606386824	LOC728643	Homo sapiens heterogeneous nuclear ribonucleoprotein A1 pseudogene (LOC728643), non-coding RNA.
0,039836674	-1,607410995	ZWILCH	Homo sapiens Zwilch, kinetochore associated, homolog (Drosophila) (ZWILCH), transcript variant 1, mRNA.
0,044056564	-1,608904954	RAB11FIP2	Homo sapiens RAB11 family interacting protein 2 (class I) (RAB11FIP2), mRNA.
0,044796736	-1,609602625	RSPO3	Homo sapiens R-spondin 3 homolog (Xenopus laevis) (RSPO3), mRNA.
0,036562416	-1,611100867	ZNF697	Homo sapiens zinc finger protein 697 (ZNF697), mRNA.
0,011589789	-1,613250433	LTBP2	Homo sapiens latent transforming growth factor beta binding protein 2 (LTBP2), mRNA.
0,029288867	-1,614885331	HS.485155	Homo sapiens cDNA: FLJ22515 fis, clone HRC12122, highly similar to AF052101 Homo sapiens clone 23872 mRNA sequence
0,027276595	-1,620520888	LOC284276	Homo sapiens hypothetical LOC284276 (LOC284276), non-coding RNA.
0,04233991	-1,62488952	ROR2	Homo sapiens receptor tyrosine kinase-like orphan receptor 2 (ROR2), mRNA.
0,024997559	-1,624907103	PPFIA1	Homo sapiens protein tyrosine phosphatase, receptor type, f polypeptide, interacting protein (liprin), alpha 1 (PPFIA1), mRNA.
0,032007146	-1,627250137	HTRA1	Homo sapiens HtrA serine peptidase 1 (HTRA1), mRNA.
0,01764842	-1,62918895	LAMA2	Homo sapiens laminin, alpha 2 (LAMA2), transcript variant 1, mRNA.
0,012992749	-1,631327282	FAP	Homo sapiens fibroblast activation protein, alpha (FAP), mRNA.
0,030423334	-1,639083744	SPINK6	Homo sapiens serine peptidase inhibitor, Kazal type 6 (SPINK6), mRNA.
0,017048316	-1,645023743	HMGB3	Homo sapiens high-mobility group box 3 (HMGB3), mRNA.
0,015048663	-1,647594804	GAS1	Homo sapiens growth arrest-specific 1 (GAS1), mRNA.
0,040279266	-1,655395032	AKAP12	Homo sapiens A kinase (PKA) anchor protein (gravin) 12 (AKAP12), transcript variant 2, mRNA.

0,017158145	-1,659814815	PTPRQ	PREDICTED: Homo sapiens protein tyrosine phosphatase, receptor type, Q (PTPRQ), mRNA.
0,042006611	-1,670037927	COL1A2	Homo sapiens collagen, type I, alpha 2 (COL1A2), mRNA.
0,046465516	-1,672537069	EGFL6	Homo sapiens EGF-like-domain, multiple 6 (EGFL6), mRNA.
0,033801048	-1,673185834	GREM1	Homo sapiens gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis) (GREM1), mRNA.
0,037952968	-1,678830454	C14ORF149	Homo sapiens chromosome 14 open reading frame 149 (C14orf149), mRNA.
0,018194953	-1,680170798	AADAT	Homo sapiens aminoadipate aminotransferase (AADAT), transcript variant 2, mRNA.
0,023603587	-1,681816909	CXCR7	Homo sapiens chemokine (C-X-C motif) receptor 7 (CXCR7), mRNA.
0,023760616	-1,697084818	IL1R1	Homo sapiens interleukin 1 receptor, type I (IL1R1), mRNA.
0,048340855	-1,699482322	DIS3L	Homo sapiens DIS3 mitotic control homolog (S. cerevisiae)-like (DIS3L), mRNA.
0,044645054	-1,706681874	PTPN23	Homo sapiens protein tyrosine phosphatase, non-receptor type 23 (PTPN23), mRNA.
0,039092378	-1,715155028	HS.565708	wt23e07.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2508324 3, mRNA sequence
0,018917463	-1,715828777	LOC646836	PREDICTED: Homo sapiens uncharacterized protein LOC646836-like (LOC646836), mRNA.
0,0375156	-1,718470074	TACSTD1	Homo sapiens tumor-associated calcium signal transducer 1 (TACSTD1), mRNA.
0,008732088	-1,723528906	CFH	Homo sapiens complement factor H (CFH), transcript variant 2, mRNA.
0,031642632	-1,725278634	KIAA1430	Homo sapiens KIAA1430 (KIAA1430), mRNA.
0,031627403	-1,72967265	TBC1D24	Homo sapiens TBC1 domain family, member 24 (TBC1D24), mRNA. XM_945422
0,001113982	-1,734303391	CASP3	Homo sapiens caspase 3, apoptosis-related cysteine peptidase (CASP3), transcript variant alpha, mRNA.
0,013791302	-1,734950748	CPXM1	Homo sapiens carboxypeptidase X (M14 family), member 1 (CPXM1), mRNA.
0,036335044	-1,737315993	CCL28	Homo sapiens chemokine (C-C motif) ligand 28 (CCL28), mRNA.
0,014618543	-1,738239633	LOC650254	PREDICTED: Homo sapiens similar to hypothetical protein FLJ40722, transcript variant 1 (LOC650254), mRNA.
0,022942561	-1,743331285	CXCR7	Homo sapiens chemokine (C-X-C motif) receptor 7 (CXCR7), transcript variant 1, mRNA.
0,046128368	-1,744583354	FKBP10	Homo sapiens FK506 binding protein 10, 65 kDa (FKBP10), mRNA.
0,04940476	-1,75060048	NRM	Homo sapiens nurim (nuclear envelope membrane protein) (NRM), mRNA.
0,035104065	-1,755019373	LRP12	Homo sapiens low density lipoprotein-related protein 12 (LRP12), mRNA.
0,032199766	-1,766812302	NCOA1	Homo sapiens nuclear receptor coactivator 1 (NCOA1), transcript variant 2, mRNA.
0,022624603	-1,776046114	TEX9	Homo sapiens testis expressed 9 (TEX9), mRNA.
0,04124649	-1,776945349	GREM1	Homo sapiens gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis) (GREM1), mRNA.
0,013623605	-1,77782411	TNC	Homo sapiens tenascin C (hexabrachion) (TNC), mRNA.
0,028985832	-1,786407767	LOC100133800	PREDICTED: Homo sapiens misc_RNA (LOC100133800), miscRNA.
0,049107994	-1,786758415	VCAN	Homo sapiens versican (VCAN), mRNA.

0,029208365	-1,789647982	GPBP1	Homo sapiens GC-rich promoter binding protein 1 (GPBP1), mRNA.
0,038151358	-1,804506993	C16ORF30	Homo sapiens chromosome 16 open reading frame 30 (C16orf30), mRNA.
0,017575223	-1,808102131	KDEL1	Homo sapiens KDEL (Lys-Asp-Glu-Leu) containing 1 (KDEL1), mRNA.
0,046477887	-1,814147742	LOC731751	PREDICTED: Homo sapiens similar to protein kinase, DNA-activated, catalytic polypeptide (LOC731751), mRNA.
0,045256096	-1,819725141	EGLN3	Homo sapiens egl nine homolog 3 (C. elegans) (EGLN3), mRNA.
0,025445132	-1,820132013	RNY1	Homo sapiens RNA, Ro-associated Y1 (RNY1), small cytoplasmic RNA.
0,017308343	-1,842503854	EPCAM	Homo sapiens epithelial cell adhesion molecule (EPCAM), mRNA.
0,027609652	-1,84656475	COL1A2	Homo sapiens collagen, type I, alpha 2 (COL1A2), mRNA.
0,020016637	-1,848446011	PRM3	PREDICTED: Homo sapiens protamine 3 (PRM3), mRNA.
0,025147216	-1,856201769	NLGN4Y	Homo sapiens neuroligin 4, Y-linked (NLGN4Y), mRNA.
0,020838747	-1,862304826	FKBP14	Homo sapiens FK506 binding protein 14, 22 kDa (FKBP14), mRNA.
0,031014053	-1,881914449	SALL2	Homo sapiens sal-like 2 (Drosophila) (SALL2), mRNA.
0,010228199	-1,888962472	FAM134B	Homo sapiens family with sequence similarity 134, member B (FAM134B), transcript variant 1, mRNA.
0,032010719	-1,896619343	HS.536748	PT2.1_10_D05.r.tumor2 Homo sapiens cDNA 3, mRNA sequence
0,018192016	-1,899409261	ANTXR1	Homo sapiens anthrax toxin receptor 1 (ANTXR1), transcript variant 1, mRNA.
0,009631708	-1,899766436	FRMD4A	Homo sapiens FERM domain containing 4A (FRMD4A), mRNA.
0,019750784	-1,908981506	GPC4	Homo sapiens glypican 4 (GPC4), mRNA.
0,036147963	-1,909291339	ZIK1	Homo sapiens zinc finger protein interacting with K protein 1 homolog (mouse) (ZIK1), mRNA.
0,014726546	-1,912619539	WNT5A	Homo sapiens wingless-type MMTV integration site family, member 5A (WNT5A), mRNA.
0,010004987	-1,913290284	COL4A1	Homo sapiens collagen, type IV, alpha 1 (COL4A1), mRNA.
0,008037639	-1,935809064	ZFX	Homo sapiens zinc finger protein, X-linked (ZFX), mRNA.
0,03931486	-1,938360451	RPGR	Homo sapiens retinitis pigmentosa GTPase regulator (RPGR), transcript variant B, mRNA.
0,025901921	-1,938514033	HEPH	Homo sapiens hephaestin (HEPH), transcript variant 1, mRNA.
0,012520542	-1,944522968	HS.149244	DB336496 TESTI2 Homo sapiens cDNA clone TESTI2007437 3, mRNA sequence
0,024496844	-1,949480534	TBX15	Homo sapiens T-box 15 (TBX15), mRNA.
0,016989779	-1,959738102	IVD	Homo sapiens isovaleryl Coenzyme A dehydrogenase (IVD), nuclear gene encoding mitochondrial protein, mRNA.
0,03901996	-1,961426492	FMN2	Homo sapiens formin 2 (FMN2), mRNA.
0,018524897	-1,962424242	CXORF56	Homo sapiens chromosome X open reading frame 56 (CXorf56), mRNA.
0,012580762	-1,96740698	MGC2752	Homo sapiens hypothetical protein MGC2752 (MGC2752), mRNA.
0,02873734	-1,978933902	COL3A1	Homo sapiens collagen, type III, alpha 1 (COL3A1), mRNA.

0,027053818	-1,983707865	PRSS7	Homo sapiens protease, serine, 7 (enterokinase) (PRSS7), mRNA.
0,015278193	-2,005075535	EGFL6	Homo sapiens EGF-like-domain, multiple 6 (EGFL6), mRNA.
0,018143251	-2,027079304	NKIRAS2	Homo sapiens NFKB inhibitor interacting Ras-like 2 (NKIRAS2), transcript variant 2, mRNA.
0,005500172	-2,051504675	LOC100128892	PREDICTED: Homo sapiens hypothetical protein LOC100128892 (LOC100128892), mRNA.
0,042459612	-2,053263096	CABIN1	Homo sapiens calcineurin binding protein 1 (CABIN1), mRNA.
0,007259572	-2,057457694	HLX	Homo sapiens H2.0-like homeobox (HLX), mRNA.
0,049908344	-2,078077314	HS.473191	Homo sapiens cDNA FLJ34428 fis, clone HLUNG2000761
0,001126789	-2,084441736	FMOD	Homo sapiens fibromodulin (FMOD), mRNA.
0,024787688	-2,105068638	HMGXB4	Homo sapiens HMG box domain containing 4 (HMGXB4), transcript variant 2, mRNA.
0,013370122	-2,11395585	PDGFD	Homo sapiens platelet derived growth factor D (PDGFD), transcript variant 1, mRNA.
0,023622289	-2,146330029	C19ORF44	Homo sapiens chromosome 19 open reading frame 44 (C19orf44), mRNA.
0,014922741	-2,150510204	NACC1	Homo sapiens nucleus accumbens associated 1, BEN and BTB (POZ) domain containing (NACC1), mRNA.
0,025488193	-2,163904236	LAT1-3TM	PREDICTED: Homo sapiens SLC7A5 pseudogene, transcript variant 2 (LAT1-3TM), misc RNA.
0,006722337	-2,176198257	HGD	Homo sapiens homogentisate 1,2-dioxygenase (homogentisate oxidase) (HGD), mRNA.
0,02720169	-2,203038674	MESDC2	Homo sapiens mesoderm development candidate 2 (MESDC2), mRNA.
0,027759586	-2,214120816	LOC648682	PREDICTED: Homo sapiens hypothetical protein LOC648682 (LOC648682), mRNA.
0,025664771	-2,22014589	LOC100129034	PREDICTED: Homo sapiens hypothetical protein LOC100129034 (LOC100129034), mRNA.
0,047487791	-2,221780467	FAM174B	Homo sapiens family with sequence similarity 174, member B (FAM174B), mRNA.
0,001771974	-2,22211278	GALK2	Homo sapiens galactokinase 2 (GALK2), transcript variant 2, mRNA.
0,039022708	-2,225469729	LOC100131460	PREDICTED: Homo sapiens misc_RNA (LOC100131460), miscRNA.
0,010945311	-2,230033947	GALNT5	Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GALNT5), mRNA.
0,005005236	-2,231603635	ZBTB8A	Homo sapiens zinc finger and BTB domain containing 8A (ZBTB8A), mRNA. XM_945039
0,046666472	-2,235697019	ZNF670	Homo sapiens zinc finger protein 670 (ZNF670), mRNA.
0,0086346	-2,236828901	GUCA1A	Homo sapiens guanylate cyclase activator 1A (retina) (GUCA1A), mRNA.
0,012289769	-2,246406959	ZNF717	PREDICTED: Homo sapiens zinc finger protein 717, transcript variant 3 (ZNF717), mRNA.
0,026358916	-2,262060228	LRRN3	Homo sapiens leucine rich repeat neuronal 3 (LRRN3), transcript variant 1, mRNA.
0,003121877	-2,280974417	COL15A1	Homo sapiens collagen, type XV, alpha 1 (COL15A1), mRNA.
0,012513059	-2,282698057	FAM180A	Homo sapiens family with sequence similarity 180, member A (FAM180A), mRNA.
0,03855878	-2,300463042	PDE4D	Homo sapiens phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila) (PDE4D), mRNA.

0,036289212	-2,305019305	LOC91664	PREDICTED: Homo sapiens hypothetical protein BC007307 (LOC91664), mRNA.
0,047544516	-2,320614999	CRISPLD2	Homo sapiens cysteine-rich secretory protein LCCL domain containing 2 (CRISPLD2), mRNA.
0,021331301	-2,367304166	LOC649143	PREDICTED: Homo sapiens similar to HLA class II antigen, DRB1-9 beta chain precursor, transcript variant 2, mRNA.
0,017520874	-2,389855515	MMP7	Homo sapiens matrix metalloproteinase 7 (matrilysin, uterine) (MMP7), mRNA.
0,018076071	-2,410546875	THUMPD3	Homo sapiens THUMP domain containing 3 (THUMPD3), mRNA.
0,024192524	-2,421915444	WISP1	Homo sapiens WNT1 inducible signaling pathway protein 1 (WISP1), transcript variant 1, mRNA.
0,007657331	-2,439589835	LOC100130233	PREDICTED: Homo sapiens misc_RNA (LOC100130233), miscRNA.
0,017908442	-2,449850299	FAM161A	Homo sapiens family with sequence similarity 161, member A (FAM161A), mRNA.
0,033672273	-2,458472264	NDP	Homo sapiens Norrie disease (pseudoglioma) (NDP), mRNA.
0,042823069	-2,477111113	COL11A1	Homo sapiens collagen, type XI, alpha 1 (COL11A1), transcript variant A, mRNA.
0,040397325	-2,479292267	GAGE2B	Homo sapiens G antigen 2B (GAGE2B), mRNA.
0,038846363	-2,487122558	UBTFL2	Homo sapiens upstream binding transcription factor, RNA polymerase I-like 2 (UBTFL2), mRNA.
0,044408455	-2,502857143	C17ORF69	Homo sapiens chromosome 17 open reading frame 69 (C17orf69), mRNA.
0,017365386	-2,544186491	SPON1	Homo sapiens spondin 1, extracellular matrix protein (SPON1), mRNA.
0,006886124	-2,559573192	COL18A1	Homo sapiens collagen, type XVIII, alpha 1 (COL18A1), transcript variant 2, mRNA.
0,036510023	-2,590545273	NSUN5C	Homo sapiens NOP2/Sun domain family, member 5C (NSUN5C), transcript variant 1, mRNA.
0,047182759	-2,618362283	MYO16	Homo sapiens myosin XVI (MYO16), mRNA.
0,015418238	-2,650049405	FNDC1	Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA.
0,026763779	-2,657708628	TDRD3	Homo sapiens tudor domain containing 3 (TDRD3), mRNA.
0,004605098	-2,690970235	FNDC1	Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA.
0,032297812	-2,720467836	N4BP2L2	Homo sapiens NEDD4 binding protein 2-like 2 (N4BP2L2), transcript variant 2, mRNA.
0,002029508	-2,732681018	LOC645961	PREDICTED: Homo sapiens similar to chromosome 9 open reading frame 36 (LOC645961), mRNA.
0,030951502	-2,746730293	C6ORF188	Homo sapiens chromosome 6 open reading frame 188 (C6orf188), mRNA.
0,022107195	-2,755512573	HS.562504	PM3-DT0037-231299-001-e06 DT0037 Homo sapiens cDNA, mRNA sequence
0,021538103	-2,765463918	LOC645289	PREDICTED: Homo sapiens similar to CG33096-PA, isoform A (LOC645289), mRNA.
0,046151969	-2,765614939	TAF5	Homo sapiens TAF5 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 100kDa (TAF5), mRNA.
0,037119079	-2,88490364	MIR1277	Homo sapiens microRNA 1277 (MIR1277), microRNA.
0,011599899	-2,951431493	SLC29A3	Homo sapiens solute carrier family 29 (nucleoside transporters), member 3 (SLC29A3), mRNA.
0,048708047	-3,013750622	LAMC3	Homo sapiens laminin, gamma 3 (LAMC3), mRNA.

0,031225207	-3,032654006	TP53I11	Homo sapiens tumor protein p53 inducible protein 11 (TP53I11), mRNA.
0,028868568	-3,053271569	SERTAD4	Homo sapiens SERTA domain containing 4 (SERTAD4), mRNA.
0,041430408	-3,092132083	SPPL2B	Homo sapiens signal peptide peptidase-like 2B (SPPL2B), transcript variant 3, mRNA.
0,028882438	-3,166746102	HIC1	Homo sapiens hypermethylated in cancer 1 (HIC1), transcript variant 2, mRNA.
0,03196312	-3,211204513	CYP19A1	Homo sapiens cytochrome P450, family 19, subfamily A, polypeptide 1 (CYP19A1), transcript variant 1, mRNA.
0,011263292	-3,255533199	TRIM46	Homo sapiens tripartite motif-containing 46 (TRIM46), mRNA.
0,005122409	-3,265701392	MRPL55	Homo sapiens mitochondrial ribosomal protein L55 (MRPL55), transcript variant 4, mRNA.
0,022141482	-3,277754678	ENTPD1	Homo sapiens ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), transcript variant 2, mRNA.
0,039835959	-3,391727738	FOXL2	PREDICTED: Homo sapiens forkhead box L2 (FOXL2), mRNA.
0,018271571	-3,394011032	FAM13A	Homo sapiens family with sequence similarity 13, member A (FAM13A), transcript variant 1, mRNA.
0,004866202	-3,403044341	LOC90499	PREDICTED: Homo sapiens misc_RNA (LOC90499), miscRNA.
0,018028498	-3,496420048	LOC728832	PREDICTED: Homo sapiens hypothetical protein LOC728832 (LOC728832), mRNA.
0,034956901	-3,590531967	SCCPDH	Homo sapiens saccharopine dehydrogenase (putative) (SCCPDH), mRNA.
0,007206988	-3,616140351	LOC643854	PREDICTED: Homo sapiens misc_RNA (LOC643854), miscRNA.
0,045951573	-3,627788259	FAM53A	Homo sapiens family with sequence similarity 53, member A (FAM53A), mRNA.
0,04754708	-3,636635638	NLGN4X	Homo sapiens neuroligin 4, X-linked (NLGN4X), transcript variant 1, mRNA.
0,026845948	-3,841036031	LOC401677	PREDICTED: Homo sapiens similar to eukaryotic translation elongation factor 1 alpha 2 (LOC401677), mRNA.
0,03069793	-3,861590674	PPAPDC1A	Homo sapiens phosphatidic acid phosphatase type 2 domain containing 1A (PPAPDC1A), mRNA.
0,040948255	-3,911007026	MYBBP1A	Homo sapiens MYB binding protein (P160) 1a (MYBBP1A), mRNA.
0,011199847	-4,04035533	TSPYL2	Homo sapiens TSPY-like 2 (TSPYL2), mRNA.
0,012192399	-4,052890529	TRAF5	Homo sapiens TNF receptor-associated factor 5 (TRAF5), transcript variant 1, mRNA.
0,01040314	-4,063209076	PCSK1	Homo sapiens proprotein convertase subtilisin/kexin type 1 (PCSK1), mRNA.
0,044069124	-4,094113621	LOC148766	PREDICTED: Homo sapiens similar to hCG2045075 (LOC148766), mRNA.
0,016513965	-4,35370228	LRRN3	Homo sapiens leucine rich repeat neuronal 3 (LRRN3), mRNA.
0,049308774	-4,550935399	SNORA29	Homo sapiens small nucleolar RNA, H/ACA box 29 (SNORA29), small nucleolar RNA.
0,021304961	-4,709918676	RAD51L1	Homo sapiens RAD51-like 1 (S. cerevisiae) (RAD51L1), transcript variant 1, mRNA.
0,02327271	-5,130451713	LGR4	Homo sapiens leucine-rich repeat-containing G protein-coupled receptor 4 (LGR4), mRNA.
0,016957479	-5,237949969	SLC44A4	Homo sapiens solute carrier family 44, member 4 (SLC44A4), mRNA.



0,005631342	-5,611572266	HS.536125	CR744726 Homo sapiens library (Ebert L) Homo sapiens cDNA clone IMAGp971O08109 ; IMAGE:378163, mRNA sequence
0,022556444	-5,710137276	ZSCAN29	Homo sapiens zinc finger and SCAN domain containing 29 (ZSCAN29), mRNA.
0,011796891	-5,978118449	ORC4L	Homo sapiens origin recognition complex, subunit 4-like (yeast) (ORC4L), transcript variant 3, mRNA.
0,018542228	-6,334700254	LOC650815	PREDICTED: Homo sapiens similar to T-cell receptor alpha chain V region CTL-L17 precursor (LOC650815), mRNA.
0,038295426	-6,340566714	MYOZ3	Homo sapiens myozenin 3 (MYOZ3), mRNA.
0,032128855	-6,35605407	LOC652455	PREDICTED: Homo sapiens similar to Transcriptional regulator ATRX (ATP-dependent helicase ATRX) , mRNA.
0,004012056	-10,18348624	GCK	Homo sapiens glucokinase (hexokinase 4, maturity onset diabetes of the young 2) (GCK), transcript variant 1, mRNA.
0,001498917	-10,77839217	CNTNAP5	Homo sapiens contactin associated protein-like 5 (CNTNAP5), mRNA.
0,011797152	-11,73902894	ANO1	Homo sapiens anoctamin 1, calcium activated chloride channel (ANO1), transcript variant 1, mRNA.

**Table SII – Part II: genes significantly modulated after treatment 2 (cold-dry)**

<b>p-value (Treat-2_vs_CTRL)</b>	<b>Fold change (Treat-2_vs_CTRL)</b>	<b>Gene Symbol</b>	<b>Description</b>
0,014793588	92,57434944	KRTAP19-1	Homo sapiens keratin associated protein 19-1 (KRTAP19-1), mRNA.
0,008903671	22,48918373	RTN4	Homo sapiens reticulon 4 (RTN4), transcript variant 3, mRNA.
0,020714842	10,0546497	LCE1E	Homo sapiens late cornified envelope 1E (LCE1E), mRNA.
0,038382654	8,59984639	HIRA	Homo sapiens HIR histone cell cycle regulation defective homolog A ( <i>S. cerevisiae</i> ) (HIRA), mRNA.
0,002892289	6,567208802	LOC645401	PREDICTED: Homo sapiens hypothetical protein LOC645401 (LOC645401), mRNA.
0,043618474	6,486153846	CLDN9	Homo sapiens claudin 9 (CLDN9), mRNA.
0,023747944	6,204754187	PCDH11X	Homo sapiens protocadherin 11 X-linked (PCDH11X), transcript variant a, mRNA.
0,019851295	5,504091175	HS.539177	qe14g03.x1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1738996 3, mRNA sequence
0,049346048	4,758954209	HS.544460	RST20417 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence
0,004563128	4,685289184	DKFZP451M2119	Homo sapiens hypothetical protein DKFZp451M2119 (DKFZp451M2119), mRNA.
0,016378683	4,602652464	UNC5A	Homo sapiens unc-5 homolog A ( <i>C. elegans</i> ) (UNC5A), mRNA.
0,006007734	4,320083138	LOC646476	PREDICTED: Homo sapiens misc_RNA (LOC646476), miscRNA.
0,008553426	4,30460333	PIGO	Homo sapiens phosphatidylinositol glycan anchor biosynthesis, class O (PIGO), transcript variant 1, mRNA.
0,027886094	4,252558209	CXORF59	Homo sapiens chromosome X open reading frame 59 (CXorf59), mRNA.
0,014317071	4,184196492	SCARNA13	Homo sapiens small Cajal body-specific RNA 13 (SCARNA13), guide RNA.
0,041306068	4,110419121	APOC2	Homo sapiens apolipoprotein C-II (APOC2), mRNA.
0,022001023	4,029837251	HS.576072	NISC_na09g08.y1 COGENE 8.5 EAT Homo sapiens cDNA clone IMAGE:5794742 5, mRNA sequence
0,025246024	3,978660582	LOC390748	Homo sapiens similar to poly(A)binding protein nuclear-like 1 (LOC390748), mRNA.
0,0026539	3,955076603	ACRV1	Homo sapiens acrosomal vesicle protein 1 (ACRV1), transcript variant 11, mRNA.
0,017206327	3,928662211	LCE5A	Homo sapiens late cornified envelope 5A (LCE5A), mRNA.
0,038967867	3,800769971	LRAT	Homo sapiens lecithin retinol acyltransferase (phosphatidylcholine--retinol O-acyltransferase) (LRAT), mRNA.
0,005652158	3,794301785	C1ORF68	Homo sapiens chromosome 1 open reading frame 68 (C1orf68), mRNA.
0,000232655	3,769655111	LCE1E	Homo sapiens late cornified envelope 1E (LCE1E), mRNA.
0,008207814	3,671147526	FOS	Homo sapiens v-fos FBJ murine osteosarcoma viral oncogene homolog (FOS), mRNA.
0,042697687	3,658720201	FOXO6	PREDICTED: Homo sapiens forkhead box protein O6 (FOXO6), mRNA.
0,001271516	3,596949289	LCE1A	Homo sapiens late cornified envelope 1A (LCE1A), mRNA.
0,034550965	3,581376252	SFTPD	Homo sapiens surfactant protein D (SFTPD), mRNA.
0,000330685	3,568134649	IL1F7	Homo sapiens interleukin 1 family, member 7 (zeta) (IL1F7), transcript variant 4, mRNA.
0,02413342	3,539595238	SPINK7	Homo sapiens serine peptidase inhibitor, Kazal type 7 (putative) (SPINK7), mRNA.
0,010460711	3,506051437	CFHR2	Homo sapiens complement factor H-related 2 (CFHR2), mRNA.

0,019797864	<b>3,490951203</b>	RASSF6	Homo sapiens Ras association (RalGDS/AF-6) domain family member 6 (RASSF6), transcript variant 1, mRNA.
0,007515439	<b>3,450304878</b>	C11ORF44	PREDICTED: Homo sapiens chromosome 11 open reading frame 44 (C11orf44), miscRNA.
0,022380296	<b>3,386683064</b>	PVT1	Homo sapiens Pvt1 oncogene (non-protein coding) (PVT1), non-coding RNA.
0,002006144	<b>3,32442894</b>	LCE1D	Homo sapiens late cornified envelope 1D (LCE1D), mRNA.
0,004930971	<b>3,290259805</b>	LCE1F	Homo sapiens late cornified envelope 1F (LCE1F), mRNA.
0,000299939	<b>3,273687243</b>	IL1F7	Homo sapiens interleukin 1 family, member 7 (zeta) (IL1F7), transcript variant 1, mRNA.
0,010113399	<b>3,220040796</b>	LOC642812	PREDICTED: Homo sapiens misc_RNA (LOC642812), miscRNA.
0,006389168	<b>3,197620279</b>	HS.444839	NISC_gj13d12.x1 NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:3271726 3, mRNA sequence
0,026880032	<b>3,149837134</b>	SNORD83B	Homo sapiens small nucleolar RNA, C/D box 83B (SNORD83B), small nucleolar RNA.
0,014051131	<b>3,145726462</b>	WFDC12	Homo sapiens WAP four-disulfide core domain 12 (WFDC12), mRNA.
0,009380149	<b>3,136690829</b>	HS.516420	PREDICTED: Homo sapiens skin-specific protein (xp33), mRNA
0,002477973	<b>3,117725334</b>	LCE1B	Homo sapiens late cornified envelope 1B (LCE1B), mRNA.
0,027224799	<b>3,041348673</b>	DIAPH3	Homo sapiens diaphanous homolog 3 (Drosophila) (DIAPH3), transcript variant 1, mRNA.
0,004834843	<b>3,026978909</b>	LCE6A	Homo sapiens late cornified envelope 6A (LCE6A), mRNA.
0,018486468	<b>2,809620049</b>	MIR1281	Homo sapiens microRNA 1281 (MIR1281), microRNA.
0,038138227	<b>2,787790789</b>	HS.62927	RST29852 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence
0,015938133	<b>2,770764954</b>	LCE1C	Homo sapiens late cornified envelope 1C (LCE1C), mRNA.
0,039489688	<b>2,73068529</b>	LOC100131986	PREDICTED: Homo sapiens similar to hCG1742852 (LOC100131986), mRNA.
0,047038463	<b>2,715875371</b>	HS.523235	nq82a06.s1 NCI_CGAP_Co9 Homo sapiens cDNA clone IMAGE:1158802 3, mRNA sequence
0,018452518	<b>2,67849345</b>	ZBP1	Homo sapiens Z-DNA binding protein 1 (ZBP1), mRNA.
0,021481333	<b>2,65505618</b>	LOC649318	PREDICTED: Homo sapiens hypothetical protein LOC649318 (LOC649318), mRNA.
0,043616796	<b>2,636397833</b>	LOC652736	PREDICTED: Homo sapiens similar to hydrocephalus inducing (LOC652736), mRNA.
0,009965996	<b>2,595375723</b>	ARHGDI3	Homo sapiens Rho GDP dissociation inhibitor (GDI) gamma (ARHGDI3), mRNA.
0,041384038	<b>2,594130926</b>	LOC151457	PREDICTED: Homo sapiens misc_RNA (LOC151457), miscRNA.
0,003109512	<b>2,554025558</b>	CXCL10	Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA.
0,04273309	<b>2,540868925</b>	LOC728931	PREDICTED: Homo sapiens similar to hCG17429 (LOC728931), mRNA.
0,01350683	<b>2,463503992</b>	LCE2A	Homo sapiens late cornified envelope 2A (LCE2A), mRNA.
0,034905178	<b>2,454351225</b>	CRNN	Homo sapiens cornulin (CRNN), mRNA.
0,040293513	<b>2,450761851</b>	LOC730060	PREDICTED: Homo sapiens hypothetical LOC730060 (LOC730060), mRNA.
0,000912311	<b>2,436187399</b>	LOC643382	PREDICTED: Homo sapiens hypothetical LOC643382 (LOC643382), mRNA.
0,009615691	<b>2,408360022</b>	LCE2D	Homo sapiens late cornified envelope 2D (LCE2D), mRNA.
0,0030678	<b>2,381944581</b>	KRT78	Homo sapiens keratin 78 (KRT78), mRNA.
0,031241971	<b>2,333380561</b>	SNORD104	Homo sapiens small nucleolar RNA, C/D box 104 (SNORD104), small nucleolar RNA.
0,032689425	<b>2,307374101</b>	LOC100133758	PREDICTED: Homo sapiens hypothetical LOC100133758 (LOC100133758), partial mRNA.

0,000403206	2,259278636	ANXA9	Homo sapiens annexin A9 (ANXA9), mRNA.
0,028878342	2,257188498	HIST1H2AE	Homo sapiens histone cluster 1, H2ae (HIST1H2AE), mRNA.
0,021620059	2,245677732	MCTP1	Homo sapiens multiple C2 domains, transmembrane 1 (MCTP1), transcript variant L, mRNA.
0,024743793	2,241530688	PKD1L2	Homo sapiens polycystic kidney disease 1-like 2 (PKD1L2), transcript variant 3, mRNA.
0,010511723	2,236556081	LCE2C	Homo sapiens late cornified envelope 2C (LCE2C), mRNA.
0,019341638	2,234367388	LCE2B	Homo sapiens late cornified envelope 2B (LCE2B), mRNA.
0,013102083	2,197571822	SNORA65	Homo sapiens small nucleolar RNA, H/ACA box 65 (SNORA65), small nucleolar RNA.
0,045477462	2,158091908	LOC401805	PREDICTED: Homo sapiens misc_RNA (LOC401805), partial miscRNA.
0,043809226	2,140156062	PCBP2	Homo sapiens poly(rC) binding protein 2 (PCBP2), transcript variant 6, mRNA.
0,024253501	2,123952615	LOC650898	PREDICTED: Homo sapiens similar to Hermansky-Pudlak syndrome 1 protein isoform b (LOC650898), mRNA.
0,006420595	2,122497247	HS.554203	Homo sapiens clone FP7915 unknown mRNA
0,029757273	2,121976593	KLHL29	PREDICTED: Homo sapiens kelch-like 29 (Drosophila) (KLHL29), mRNA.
0,006218868	2,118890996	ACP5	Homo sapiens acid phosphatase 5, tartrate resistant (ACP5), mRNA.
0,018772943	2,11321365	HS.442427	UI-H-EU1-bad-m-18-0-UI.s1 NCI_CGAP_Ct1 Homo sapiens cDNA clone UI-H-EU1-bad-m-18-0-UI 3, mRNA sequence
0,036061767	2,111944966	PHACTR3	Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 3, mRNA.
0,010235679	2,104770266	WDR35	Homo sapiens WD repeat domain 35 (WDR35), transcript variant 2, mRNA.
0,017971073	2,095960711	LOC643008	PREDICTED: Homo sapiens PP12104, transcript variant 1 (LOC643008), mRNA.
0,012981155	2,086250958	PGBD2	Homo sapiens piggyBac transposable element derived 2 (PGBD2), transcript variant 2, mRNA.
0,040023586	2,073215182	IFIT3	Homo sapiens interferon-induced protein with tetratricopeptide repeats 3 (IFIT3), mRNA.
0,039838328	2,063991323	LOC649680	PREDICTED: Homo sapiens hypothetical protein LOC649680 (LOC649680), mRNA.
0,043163516	2,052027857	C8ORF77	PREDICTED: Homo sapiens chromosome 8 open reading frame 77 (C8orf77), misc RNA.
0,01807216	2,014026367	WFDC5	Homo sapiens WAP four-disulfide core domain 5 (WFDC5), mRNA.
0,019900956	2,00627199	LOC643733	PREDICTED: Homo sapiens hypothetical LOC643733 (LOC643733), mRNA.
0,044360405	2,000549115	FAM108B1	Homo sapiens family with sequence similarity 108, member B1 (FAM108B1), transcript variant 1, mRNA.
0,004848688	2,00040905	COG5	Homo sapiens component of oligomeric golgi complex 5 (COG5), transcript variant 1, mRNA.
0,041549383	1,998582566	RSAD2	Homo sapiens radical S-adenosyl methionine domain containing 2 (RSAD2), mRNA.
0,007045764	1,986765416	FAM63A	Homo sapiens family with sequence similarity 63, member A (FAM63A), transcript variant 1, mRNA.
0,013313624	1,977403294	KRT126P	PREDICTED: Homo sapiens keratin 126 pseudogene (KRT126P), mRNA.
0,004450252	1,966481229	SNORD68	Homo sapiens small nucleolar RNA, C/D box 68 (SNORD68), small nucleolar RNA.
0,01339753	1,959036764	WDR27	Homo sapiens WD repeat domain 27 (WDR27), mRNA.
0,041158387	1,952245436	CDKN3	Homo sapiens cyclin-dependent kinase inhibitor 3 (CDK2-associated dual specificity phosphatase) (CDKN3), mRNA.

0,005616863	1,947658863	LOC338667	PREDICTED: Homo sapiens hypothetical protein LOC338667 (LOC338667), mRNA.
0,040220687	1,946813061	IFIT2	Homo sapiens interferon-induced protein with tetratricopeptide repeats 2 (IFIT2), mRNA.
0,045702255	1,932018174	SNORA67	Homo sapiens small nucleolar RNA, H/ACA box 67 (SNORA67), small nucleolar RNA.
0,01576719	1,922716489	CES8	Homo sapiens carboxylesterase 8 (putative) (CES8), mRNA.
0,034629278	1,907635116	C12ORF37	PREDICTED: Homo sapiens chromosome 12 open reading frame 37 (C12orf37), mRNA.
0,002885271	1,889687586	PHF19	Homo sapiens PHD finger protein 19 (PHF19), transcript variant 2, mRNA.
0,03455043	1,887172285	WASH5P	Homo sapiens WAS protein family homolog 5 pseudogene (WASH5P), non-coding RNA.
0,028230156	1,885536428	LY6D	Homo sapiens lymphocyte antigen 6 complex, locus D (LY6D), mRNA.
0,035937156	1,878363985	SNORA6	Homo sapiens small nucleolar RNA, H/ACA box 6 (SNORA6), small nucleolar RNA.
0,048490111	1,877040872	SNHG9	Homo sapiens small nucleolar RNA host gene 9 (non-protein coding) (SNHG9), non-coding RNA.
0,031064758	1,869733026	TFIP11	Homo sapiens tuftelin interacting protein 11 (TFIP11), transcript variant 1, mRNA.
0,028851103	1,866652854	FAM25G	Homo sapiens family with sequence similarity 25, member G (FAM25G), mRNA.
0,03844789	1,860251748	LOC643342	PREDICTED: Homo sapiens misc_RNA (LOC643342), miscRNA.
0,026388889	1,852048796	ZNF536	Homo sapiens zinc finger protein 536 (ZNF536), mRNA.
0,023433001	1,84182901	UPK1A	Homo sapiens uroplakin 1A (UPK1A), mRNA.
0,024116321	1,835204449	LOC196752	Homo sapiens similar to CG32542-PA (LOC196752), mRNA.
0,005466676	1,831075443	SFRS5	Homo sapiens splicing factor, arginine/serine-rich 5 (SFRS5), transcript variant 2, mRNA.
0,044798728	1,828029034	SSX4	PREDICTED: Homo sapiens synovial sarcoma, X breakpoint 4, transcript variant 3 (SSX4), mRNA.
0,046045684	1,825064599	LOC730254	PREDICTED: Homo sapiens hypothetical LOC730254 (LOC730254), mRNA.
0,038336935	1,814968658	WFDC5	Homo sapiens WAP four-disulfide core domain 5 (WFDC5), mRNA.
0,011707275	1,81270954	ATF4	Homo sapiens activating transcription factor 4 (tax-responsive enhancer element B67) (ATF4), transcript variant 1, mRNA.
0,018609261	1,80664522	NBPF14	Homo sapiens neuroblastoma breakpoint family, member 14 (NBPF14), mRNA.
0,007378205	1,804616991	GDPD3	Homo sapiens glycerophosphodiester phosphodiesterase domain containing 3 (GDPD3), mRNA.
0,02392801	1,802536462	HS.541654	hc86a08.x2 NCI_CGAP_Kid1 Homo sapiens cDNA clone IMAGE:2899574, mRNA sequence
0,019644504	1,795233741	TREX2	Homo sapiens three prime repair exonuclease 2 (TREX2), mRNA.
0,035527706	1,791896621	SORD	PREDICTED: Homo sapiens sorbitol dehydrogenase (SORD), mRNA.
0,023635865	1,787968136	TMEM191B	PREDICTED: Homo sapiens transmembrane protein 191B, transcript variant 2 (TMEM191B), mRNA.
0,040701561	1,787415784	LOC100130598	PREDICTED: Homo sapiens hypothetical protein LOC100130598 (LOC100130598), mRNA.
0,006900144	1,78386668	HS.582009	602544662F1 NIH_MGC_60 Homo sapiens cDNA clone IMAGE:4667270 5, mRNA sequence
0,035828958	1,782610823	LOC100134002	PREDICTED: Homo sapiens hypothetical LOC100134002 (LOC100134002), mRNA.
0,046049932	1,78176511	SFRS12IP1	Homo sapiens SFRS12-interacting protein 1 (SFRS12IP1), mRNA.
0,006188097	1,779209386	SFRS5	Homo sapiens splicing factor, arginine/serine-rich 5 (SFRS5), transcript variant 2, mRNA.

0,040493769	1,776717917	HS.561307	wI03f11.x1 NCI_CGAP_Ut1 Homo sapiens cDNA clone IMAGE:2423853 3, mRNA sequence
0,023535591	1,775957266	RHBDL2	Homo sapiens rhomboid, veinlet-like 2 (Drosophila) (RHBDL2), mRNA.
0,017356748	1,761810071	LOC642017	PREDICTED: Homo sapiens hypothetical protein LOC642017 (LOC642017), mRNA.
0,033432747	1,75584944	LOC730102	PREDICTED: Homo sapiens misc_RNA (LOC730102), miscRNA.
0,046918563	1,751122514	CNRIP1	Homo sapiens cannabinoid receptor interacting protein 1 (CNRIP1), transcript variant CRIP1b, mRNA.
0,040297656	1,740715407	RNU6-15	Homo sapiens RNA, U6 small nuclear 15 (RNU6-15), small nuclear RNA.
0,032761743	1,740685137	VILL	Homo sapiens villin-like (VILL), mRNA.
0,00040903	1,735305028	LOC652183	PREDICTED: Homo sapiens hypothetical LOC652183 (LOC652183), mRNA.
0,037820716	1,734315589	LOC729402	Homo sapiens ribosomal protein L21-like (LOC729402), mRNA.
0,02304097	1,732374163	SNORA61	Homo sapiens small nucleolar RNA, H/ACA box 61 (SNORA61), small nucleolar RNA.
0,041123027	1,729611481	PBK	Homo sapiens PDZ binding kinase (PBK), mRNA.
0,049332111	1,727630428	ANKRD9	Homo sapiens ankyrin repeat domain 9 (ANKRD9), mRNA.
0,038931931	1,72682545	SNORD35B	Homo sapiens small nucleolar RNA, C/D box 35B (SNORD35B), small nucleolar RNA.
0,012685612	1,721743148	NSL1	Homo sapiens NSL1, MIND kinetochore complex component, homolog (S. cerevisiae) (NSL1), transcript variant 2, mRNA.
0,032714589	1,701360809	LASS4	Homo sapiens LAG1 homolog, ceramide synthase 4 (LASS4), mRNA.
0,039294436	1,699979172	UGP2	Homo sapiens UDP-glucose pyrophosphorylase 2 (UGP2), transcript variant 1, mRNA.
0,02939855	1,697507904	PTH1H	Homo sapiens parathyroid hormone-like hormone (PTH1H), transcript variant 1, mRNA.
0,004690536	1,694988345	KIAA1958	Homo sapiens KIAA1958 (KIAA1958), mRNA.
0,047179848	1,685418733	ZNF682	Homo sapiens zinc finger protein 682 (ZNF682), transcript variant 1, mRNA.
0,028350425	1,6788042	LOC440957	Homo sapiens similar to CG32736-PA (LOC440957), mRNA.
0,021737041	1,675814751	FLJ35776	Homo sapiens hypothetical LOC649446 (FLJ35776), non-coding RNA.
0,024183758	1,665428746	MEG3	Homo sapiens maternally expressed 3 (non-protein coding) (MEG3), transcript variant 1, non-coding RNA. XR_001346-XR_001372
0,018149493	1,658748991	UCHL1	Homo sapiens ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (UCHL1), mRNA.
0,026692581	1,652173913	LOC646282	PREDICTED: Homo sapiens misc_RNA (LOC646282), miscRNA.
0,036632871	1,651986147	CENPN	Homo sapiens centromere protein N (CENPN), mRNA.
0,0313757	1,648549657	FKBPL	Homo sapiens FK506 binding protein like (FKBPL), mRNA.
0,037441658	1,647587031	CTSH	Homo sapiens cathepsin H (CTSH), transcript variant 1, mRNA.
0,000673318	1,643073117	WHSC1L1	Homo sapiens Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1), transcript variant long, mRNA.
0,000192611	1,642716692	SDHAP2	Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 2 (SDHAP2), non-coding RNA.
0,017168325	1,629769663	USF1	Homo sapiens upstream transcription factor 1 (USF1), transcript variant 1, mRNA.
0,01328644	1,629198909	NAT1	PREDICTED: Homo sapiens N-acetyltransferase 1 (arylamine N-acetyltransferase) (NAT1), mRNA.
0,013396893	1,613981537	LOC649044	PREDICTED: Homo sapiens hypothetical protein LOC649043, transcript variant 2 (LOC649044), mRNA.



0,010461145	1,609903085	PIR	Homo sapiens pirin (iron-binding nuclear protein) (PIR), transcript variant 2, mRNA.
0,03845955	1,607228744	SLC39A2	Homo sapiens solute carrier family 39 (zinc transporter), member 2 (SLC39A2), mRNA.
0,002126175	1,59925616	LOC100129076	PREDICTED: Homo sapiens similar to FP17469 (LOC100129076), mRNA.
0,049367435	1,597188852	NSUN5C	Homo sapiens NOL1/NOP2/Sun domain family, member 5C (NSUN5C), transcript variant 4, mRNA.
0,023773718	1,591439972	TNFSF10	Homo sapiens tumor necrosis factor (ligand) superfamily, member 10 (TNFSF10), mRNA.
0,007059699	1,589987379	CCNL2	Homo sapiens cyclin L2 (CCNL2), transcript variant 1, mRNA.
0,021470016	1,588451221	ACER2	Homo sapiens alkaline ceramidase 2 (ACER2), mRNA.
0,027536553	1,587873462	DEM1	Homo sapiens defects in morphology 1 homolog ( <i>S. cerevisiae</i> ) (DEM1), mRNA.
0,009205647	1,57572782	CAV1	Homo sapiens caveolin 1, caveolae protein, 22kDa (CAV1), mRNA.
0,049504391	1,575502359	GSDMB	Homo sapiens gasdermin B (GSDMB), transcript variant 1, mRNA.
0,046643117	1,567487483	C4ORF36	Homo sapiens chromosome 4 open reading frame 36 (C4orf36), mRNA.
0,044001165	1,564167887	PI4KAP2	Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha polypeptide pseudogene 2 (PI4KAP2), mRNA.
0,007352396	1,563468851	NOC2L	Homo sapiens nucleolar complex associated 2 homolog ( <i>S. cerevisiae</i> ) (NOC2L), mRNA.
0,010172574	1,560879094	TSC22D4	Homo sapiens TSC22 domain family, member 4 (TSC22D4), mRNA.
0,046656077	1,559045226	PHACTR3	Homo sapiens phosphatase and actin regulator 3 (PHACTR3), transcript variant 3, mRNA.
0,041259433	1,557618601	LOC100131672	PREDICTED: Homo sapiens misc_RNA (LOC100131672), miscRNA.
0,026512229	1,55565562	HIST1H2BH	Homo sapiens histone cluster 1, H2bh (HIST1H2BH), mRNA.
0,033661641	1,554343894	LOC648585	PREDICTED: Homo sapiens similar to p53-regulated apoptosis-inducing protein 1, transcript variant 1 (LOC648585), mRNA.
0,022428466	1,553840659	SHB	Homo sapiens Src homology 2 domain containing adaptor protein B (SHB), mRNA.
0,045276356	1,552120438	C14ORF176	PREDICTED: Homo sapiens chromosome 14 open reading frame 176 (C14orf176), mRNA.
0,015587658	1,546401478	C9ORF7	Homo sapiens chromosome 9 open reading frame 7 (C9orf7), mRNA.
0,048940855	1,54261303	KCNH6	Homo sapiens potassium voltage-gated channel, subfamily H (eag-related), member 6 (KCNH6), transcript variant 1, mRNA.
0,04334024	1,538294011	LOC388524	Homo sapiens ribosomal protein SA pseudogene (LOC388524) on chromosome 19.
0,006268502	1,53015627	BNC1	Homo sapiens basonuclin 1 (BNC1), mRNA.
0,042445491	1,530020003	UBE2E1	Homo sapiens ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast) (UBE2E1), transcript variant 1, mRNA.
0,028459877	1,522186674	RANBP9	Homo sapiens RAN binding protein 9 (RANBP9), mRNA.
0,007878284	1,520007051	ATP5G2	Homo sapiens ATP synthase, H+ transporting, mitochondrial F0 complex, subunit C2 (subunit 9) (ATP5G2), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA.
0,036098621	1,519709375	LOC100132418	PREDICTED: Homo sapiens similar to PRO1102 (LOC100132418), mRNA.
0,026623744	1,511915686	OBFC2A	Homo sapiens oligonucleotide/oligosaccharide-binding fold containing 2A (OBFC2A), mRNA.
0,013666242	1,510156464	LOC100131968	PREDICTED: Homo sapiens hypothetical protein LOC100131968 (LOC100131968), mRNA.
0,023877784	1,509730765	LILRB5	Homo sapiens leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 5 (LILRB5), transcript variant 2, mRNA.

0,019801013	1,504665868	TTRAP	Homo sapiens TRAF and TNF receptor associated protein (TTRAP), mRNA.
0,011214746	1,503300795	CCL5	Homo sapiens chemokine (C-C motif) ligand 5 (CCL5), mRNA.
0,033825297	1,502418139	HIST1H1C	Homo sapiens histone cluster 1, H1c (HIST1H1C), mRNA.
0,040525527	-1,500403551	VAPA	Homo sapiens VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa (VAPA), transcript variant 1, mRNA.
0,027098077	-1,507978366	SFRS11	Homo sapiens splicing factor, arginine/serine-rich 11 (SFRS11), mRNA.
0,014792508	-1,508225948	SFRS12	Homo sapiens splicing factor, arginine/serine-rich 12 (SFRS12), transcript variant 2, mRNA.
0,026843329	-1,510153486	LOC650369	PREDICTED: Homo sapiens similar to family with sequence similarity 60, member A (LOC650369), mRNA.
0,048373	-1,511751393	MRPL55	Homo sapiens mitochondrial ribosomal protein L55 (MRPL55), nuclear gene encoding mitochondrial protein, transcript variant 4, mRNA.
0,045762706	-1,512074338	EPM2AIP1	Homo sapiens EPM2A (laforin) interacting protein 1 (EPM2AIP1), mRNA.
0,007840232	-1,512959559	PGBD3	Homo sapiens piggyBac transposable element derived 3 (PGBD3), mRNA.
0,01029456	-1,515474326	PHF14	Homo sapiens PHD finger protein 14 (PHF14), transcript variant 1, mRNA.
0,008735923	-1,515581243	RAPGEF5	Homo sapiens Rap guanine nucleotide exchange factor (GEF) 5 (RAPGEF5), mRNA.
0,000534803	-1,51750538	ZNF721	Homo sapiens zinc finger protein 721 (ZNF721), mRNA.
0,000783814	-1,517607656	MSX1	Homo sapiens msh homeobox 1 (MSX1), mRNA.
0,04006339	-1,519622128	RAB23	Homo sapiens RAB23, member RAS oncogene family (RAB23), transcript variant 1, mRNA.
0,012525569	-1,51997586	SLC39A9	Homo sapiens solute carrier family 39 (zinc transporter), member 9 (SLC39A9), mRNA.
0,006957311	-1,52029251	ROR2	Homo sapiens receptor tyrosine kinase-like orphan receptor 2 (ROR2), mRNA.
0,016073801	-1,521660075	LARGE	Homo sapiens like-glycosyltransferase (LARGE), transcript variant 1, mRNA.
0,045323566	-1,522693954	CECR1	Homo sapiens cat eye syndrome chromosome region, candidate 1 (CECR1), transcript variant 2, mRNA.
0,041090913	-1,52351883	FLJ39827	Homo sapiens hypothetical protein FLJ39827 (FLJ39827), mRNA.
0,025147062	-1,523983594	KIFAP3	Homo sapiens kinesin-associated protein 3 (KIFAP3), mRNA.
0,014166721	-1,524154313	PJA2	Homo sapiens praja 2, RING-H2 motif containing (PJA2), mRNA.
0,029266656	-1,530155367	C14ORF102	Homo sapiens chromosome 14 open reading frame 102 (C14orf102), transcript variant 1, mRNA.
0,002780743	-1,530459565	RUFY3	Homo sapiens RUN and FYVE domain containing 3 (RUFY3), transcript variant 2, mRNA.
0,037064105	-1,535542626	WIPF1	Homo sapiens WAS/WASL interacting protein family, member 1 (WIPF1), transcript variant 2, mRNA.
0,047092692	-1,537208039	ARPP19	Homo sapiens cAMP-regulated phosphoprotein, 19kDa (ARPP19), mRNA.
0,039459818	-1,543362077	RUNX1	Homo sapiens runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene) (RUNX1), transcript variant 1, mRNA.
0,007807558	-1,54944072	EFEMP1	Homo sapiens EGF-containing fibulin-like extracellular matrix protein 1 (EFEMP1), transcript variant 1, mRNA.
0,03800938	-1,549668223	AHCTF1	Homo sapiens AT hook containing transcription factor 1 (AHCTF1), mRNA.
0,045821243	-1,557996422	ARAP3	Homo sapiens ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3 (ARAP3), mRNA.
0,000963823	-1,558095924	RAI14	Homo sapiens retinoic acid induced 14 (RAI14), mRNA.

0,036491809	-1,564234596	HS.156773	qr06a01.x1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:1940040 3, mRNA sequence
0,040003319	-1,565533451	HMG20B	Homo sapiens high-mobility group 20B (HMG20B), mRNA.
0,024552254	-1,56751164	LOC650254	PREDICTED: Homo sapiens similar to hypothetical protein FLJ40722, transcript variant 1 (LOC650254), mRNA.
0,002913113	-1,570644672	HNRNPD	Homo sapiens heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) (HNRNPD), transcript variant 3, mRNA.
0,003996149	-1,574166831	SEC62	Homo sapiens SEC62 homolog ( <i>S. cerevisiae</i> ) (SEC62), mRNA.
0,034368576	-1,576563354	FAM110B	Homo sapiens family with sequence similarity 110, member B (FAM110B), mRNA.
0,039691039	-1,577602516	RIPK5	Homo sapiens receptor interacting protein kinase 5 (RIPK5), transcript variant 2, mRNA.
0,010319132	-1,582556659	WDR5	Homo sapiens WD repeat domain 5 (WDR5), transcript variant 1, mRNA.
0,03653684	-1,584036859	PTAR1	Homo sapiens protein prenyltransferase alpha subunit repeat containing 1 (PTAR1), mRNA.
0,010817726	-1,585384701	GAS1	Homo sapiens growth arrest-specific 1 (GAS1), mRNA.
0,016672728	-1,585804454	TFDP2	Homo sapiens transcription factor Dp-2 (E2F dimerization partner 2) (TFDP2), mRNA.
0,028930804	-1,58589353	ZNF2	Homo sapiens zinc finger protein 2 (ZNF2), transcript variant 1, mRNA.
0,004364838	-1,586572142	ETS1	Homo sapiens v-ets erythroblastosis virus E26 oncogene homolog 1 (avian) (ETS1), mRNA.
0,04189443	-1,592213697	ARFRP1	Homo sapiens ADP-ribosylation factor related protein 1 (ARFRP1), mRNA.
0,036168363	-1,593644395	OSBPL8	Homo sapiens oxysterol binding protein-like 8 (OSBPL8), transcript variant 2, mRNA.
0,011107255	-1,59484229	FMOD	Homo sapiens fibromodulin (FMOD), mRNA.
0,022158189	-1,59690097	PDGFRA	Homo sapiens platelet-derived growth factor receptor, alpha polypeptide (PDGFRA), mRNA.
0,013511165	-1,598194496	FKBP14	Homo sapiens FK506 binding protein 14, 22 kDa (FKBP14), mRNA.
0,031854018	-1,59913368	PARVA	Homo sapiens parvin, alpha (PARVA), mRNA.
0,039315634	-1,602856699	BNC2	Homo sapiens basenuclin 2 (BNC2), mRNA.
0,032170624	-1,602875045	NMI	Homo sapiens N-myc (and STAT) interactor (NMI), mRNA.
0,032915986	-1,602938604	EPCAM	Homo sapiens epithelial cell adhesion molecule (EPCAM), mRNA.
0,044397566	-1,606922618	RNF24	Homo sapiens ring finger protein 24 (RNF24), mRNA.
0,009252778	-1,607120981	EMX2	Homo sapiens empty spiracles homeobox 2 (EMX2), mRNA.
0,007502833	-1,607201349	PDGFD	Homo sapiens platelet derived growth factor D (PDGFD), transcript variant 2, mRNA.
0,02271795	-1,607421707	MTMR9	Homo sapiens myotubularin related protein 9 (MTMR9), mRNA.
0,043724742	-1,611424205	DNAJC18	Homo sapiens DnaJ (Hsp40) homolog, subfamily C, member 18 (DNAJC18), mRNA.
0,032755841	-1,612293554	LOX	Homo sapiens lysyl oxidase (LOX), mRNA.
0,037428281	-1,61658706	RTN4R	Homo sapiens reticulon 4 receptor (RTN4R), mRNA.
0,006791755	-1,617133461	HS.213061	Homo sapiens cDNA FLJ38536 fis, clone HCHON2001200
0,016929585	-1,617316444	MYADM	Homo sapiens myeloid-associated differentiation marker (MYADM), transcript variant 2, mRNA.
0,002021385	-1,619117889	MBNL1	Homo sapiens muscleblind-like ( <i>Drosophila</i> ) (MBNL1), transcript variant 6, mRNA.
0,007863568	-1,620475705	FSTL1	Homo sapiens follistatin-like 1 (FSTL1), mRNA.
0,007502781	-1,622346859	TXNIP	Homo sapiens thioredoxin interacting protein (TXNIP), mRNA.

0,020609495	-1,626602564	ATP5G3	Homo sapiens ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 complex, subunit C3 (subunit 9) (ATP5G3), nuclear gene encoding mitochondrial protein, transcript variant 3, mRNA.
0,044754398	-1,628302472	SMN1	Homo sapiens survival of motor neuron 1, telomeric (SMN1), transcript variant d, mRNA.
0,035921485	-1,631767668	COL3A1	Homo sapiens collagen, type III, alpha 1 (COL3A1), mRNA.
0,004437979	-1,631898455	LOC730996	PREDICTED: Homo sapiens similar to chromosome 1 open reading frame 80 (LOC730996), mRNA.
0,044111769	-1,632295105	MAP4K4	Homo sapiens mitogen-activated protein kinase kinase kinase 4 (MAP4K4), transcript variant 3, mRNA.
0,030279884	-1,635261708	SF1	Homo sapiens splicing factor 1 (SF1), transcript variant 1, mRNA.
0,009496217	-1,635632904	DCAF7	Homo sapiens DDB1 and CUL4 associated factor 7 (DCAF7), mRNA.
0,030958435	-1,642246281	COL4A1	Homo sapiens collagen, type IV, alpha 1 (COL4A1), mRNA.
0,03148724	-1,642338141	ANKRD32	Homo sapiens ankyrin repeat domain 32 (ANKRD32), mRNA.
0,023347797	-1,646038382	HS.130036	Homo sapiens cDNA FLJ42306 fis, clone TRACH2001646
0,033835164	-1,648387731	CTXN1	Homo sapiens cortixin 1 (CTXN1), mRNA.
0,038111137	-1,650037984	C10ORF67	Homo sapiens chromosome 10 open reading frame 67 (C10orf67), mRNA.
0,018464916	-1,650986636	PFAS	Homo sapiens phosphoribosylformylglycinamide synthase (FGAR amidotransferase) (PFAS), mRNA.
0,04301857	-1,653138144	IPO7	Homo sapiens importin 7 (IPO7), mRNA.
0,002528925	-1,654818057	GAS1	Homo sapiens growth arrest-specific 1 (GAS1), mRNA.
0,03516294	-1,657795835	RAB11FIP2	Homo sapiens RAB11 family interacting protein 2 (class I) (RAB11FIP2), mRNA.
0,03978388	-1,660781321	FNDC3A	Homo sapiens fibronectin type III domain containing 3A (FNDC3A), transcript variant 1, mRNA.
0,018271184	-1,67202889	LEPREL2	Homo sapiens leprecan-like 2 (LEPREL2), mRNA.
0,012567392	-1,678439557	PFTK1	Homo sapiens PFTAIRE protein kinase 1 (PFTK1), mRNA.
0,020794184	-1,679171188	FZD4	Homo sapiens frizzled homolog 4 (Drosophila) (FZD4), mRNA.
0,017896312	-1,681127518	LRRC58	PREDICTED: Homo sapiens leucine rich repeat containing 58 (LRRC58), mRNA.
0,02648941	-1,682242028	EIF5A2	Homo sapiens eukaryotic translation initiation factor 5A2 (EIF5A2), mRNA.
0,036335114	-1,683371107	IVD	Homo sapiens isovaleryl Coenzyme A dehydrogenase (IVD), nuclear gene encoding mitochondrial protein, mRNA.
0,035104742	-1,686051188	VGLL3	Homo sapiens vestigial like 3 (Drosophila) (VGLL3), mRNA.
0,024610742	-1,688115643	EGFL6	Homo sapiens EGF-like-domain, multiple 6 (EGFL6), mRNA.
0,039412101	-1,690452149	TGFBRAP1	Homo sapiens transforming growth factor, beta receptor associated protein 1 (TGFBRAP1), mRNA.
0,019963129	-1,694991168	RFC3	Homo sapiens replication factor C (activator 1) 3, 38kDa (RFC3), transcript variant 1, mRNA.
0,032699615	-1,698519808	C8ORF30B	PREDICTED: Homo sapiens chromosome 8 open reading frame 30B (C8orf30B), mRNA.
0,03660173	-1,700189015	GGCX	Homo sapiens gamma-glutamyl carboxylase (GGCX), mRNA.
0,022788017	-1,706650023	ELK3	Homo sapiens ELK3, ETS-domain protein (SRF accessory protein 2) (ELK3), mRNA.
0,036279963	-1,706697699	SYT11	Homo sapiens synaptotagmin XI (SYT11), mRNA.
0,01621388	-1,706826743	TSPAN9	Homo sapiens tetraspanin 9 (TSPAN9), mRNA.
0,040500032	-1,713048433	TDRD3	Homo sapiens tudor domain containing 3 (TDRD3), mRNA.
0,032932904	-1,713533158	COL1A2	Homo sapiens collagen, type I, alpha 2 (COL1A2), mRNA.
0,025087492	-1,71697427	SEN7	Homo sapiens SUMO1/sentrin specific peptidase 7 (SEN7), transcript variant 2, mRNA.

0,044304117	-1,717066033	DDIT4L	Homo sapiens DNA-damage-inducible transcript 4-like (DDIT4L), mRNA.
0,027861433	-1,721483018	ADARB1	Homo sapiens adenosine deaminase, RNA-specific, B1 (RED1 homolog rat) (ADARB1), transcript variant 1, mRNA.
0,040698949	-1,722571599	NR2F1	Homo sapiens nuclear receptor subfamily 2, group F, member 1 (NR2F1), mRNA.
0,037041775	-1,72306525	SBK1	Homo sapiens SH3-binding domain kinase 1 (SBK1), mRNA.
0,023420977	-1,725476237	RAB11FIP2	Homo sapiens RAB11 family interacting protein 2 (class I) (RAB11FIP2), mRNA.
0,009802157	-1,730060656	FNDC3A	Homo sapiens fibronectin type III domain containing 3A (FNDC3A), transcript variant 1, mRNA.
0,041666638	-1,731010914	PPAPDC1A	Homo sapiens phosphatidic acid phosphatase type 2 domain containing 1A (PPAPDC1A), mRNA.
0,037222628	-1,731617174	CAMKK2	Homo sapiens calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2), transcript variant 4, mRNA.
0,023303932	-1,732613099	PURA	Homo sapiens purine-rich element binding protein A (PURA), mRNA.
0,044283367	-1,736157956	DFFA	Homo sapiens DNA fragmentation factor, 45kDa, alpha polypeptide (DFFA), transcript variant 1, mRNA.
0,034087121	-1,737366826	ZNF227	Homo sapiens zinc finger protein 227 (ZNF227), mRNA.
0,032830408	-1,740175953	C21ORF45	Homo sapiens chromosome 21 open reading frame 45 (C21orf45), mRNA.
0,000715688	-1,742516742	STMN3	Homo sapiens stathmin-like 3 (STMN3), mRNA.
0,045083026	-1,744418336	JAM3	Homo sapiens junctional adhesion molecule 3 (JAM3), mRNA.
0,01887513	-1,744708995	MYO16	Homo sapiens myosin XVI (MYO16), mRNA.
0,010493808	-1,748116636	NLGN4Y	Homo sapiens neuroligin 4, Y-linked (NLGN4Y), mRNA.
0,015432634	-1,748184443	RRP1B	Homo sapiens ribosomal RNA processing 1 homolog B (S. cerevisiae) (RRP1B), mRNA.
0,029860634	-1,750843061	LOC729920	Homo sapiens notch1-induced protein (LOC729920), transcript variant 2, mRNA.
0,003202999	-1,757736365	SYMPK	Homo sapiens symplekin (SYMPK), mRNA.
0,020226479	-1,761344241	HS.296031	Homo sapiens cDNA clone IMAGE:5262734
0,036279245	-1,765987853	NAAA	Homo sapiens N-acyl ethanolamine acid amidase (NAAA), transcript variant 1, mRNA.
0,013454495	-1,766658743	40787	Homo sapiens septin 11 (SEPT11), mRNA.
0,030673361	-1,767844387	LOC149448	PREDICTED: Homo sapiens hypothetical protein LOC149448 (LOC149448), mRNA.
0,001628316	-1,770288333	LOC284276	Homo sapiens hypothetical LOC284276 (LOC284276), non-coding RNA.
0,024944376	-1,771574285	WNT5A	Homo sapiens wntless-type MMTV integration site family, member 5A (WNT5A), mRNA.
0,006160062	-1,775756777	C13ORF15	Homo sapiens chromosome 13 open reading frame 15 (C13orf15), mRNA.
0,019890023	-1,775785566	RGS4	Homo sapiens regulator of G-protein signalling 4 (RGS4), mRNA.
0,046637998	-1,788496188	TOX2	Homo sapiens TOX high mobility group box family member 2 (TOX2), transcript variant 1, mRNA.
0,02723767	-1,790606328	FNDC1	Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA.
0,032677308	-1,794065324	GREM1	Homo sapiens gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis) (GREM1), mRNA.
0,008676379	-1,796827961	C17ORF101	Homo sapiens chromosome 17 open reading frame 101 (C17orf101), transcript variant 2, mRNA.
0,046814398	-1,797307222	FANK1	Homo sapiens fibronectin type III and ankyrin repeat domains 1 (FANK1), mRNA.
0,040517654	-1,808162756	HEPH	Homo sapiens hephaestin (HEPH), transcript variant 1, mRNA.

0,022608386	-1,809892729	HS.545687	wy61a09.x1 Soares_NSF_F8_9W_OT_PA_P_S1 Homo sapiens cDNA clone IMAGE:2553016 3, mRNA sequence
0,049720055	-1,816083206	MAPK1	Homo sapiens mitogen-activated protein kinase 1 (MAPK1), transcript variant 1, mRNA.
0,028206217	-1,82861281	LSS	Homo sapiens lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase) (LSS), transcript variant 1, mRNA.
0,00119764	-1,833384998	ZAK	Homo sapiens sterile alpha motif and leucine zipper containing kinase AZK (ZAK), transcript variant 2, mRNA.
0,021759432	-1,835260116	NOC4L	Homo sapiens nucleolar complex associated 4 homolog (S. cerevisiae) (NOC4L), mRNA.
0,035531995	-1,837454494	GPC4	Homo sapiens glypican 4 (GPC4), mRNA.
0,038576171	-1,837640457	OLFML2A	Homo sapiens olfactomedin-like 2A (OLFML2A), mRNA.
0,010127634	-1,838638152	FAM174B	Homo sapiens family with sequence similarity 174, member B (FAM174B), mRNA.
0,008675307	-1,851826087	LOC283332	PREDICTED: Homo sapiens misc_RNA (LOC283332), miscRNA.
0,040814711	-1,871930255	PDF	Homo sapiens peptide deformylase (mitochondrial) (PDF), nuclear gene encoding mitochondrial protein, mRNA.
0,022269361	-1,873874728	PDGFD	Homo sapiens platelet derived growth factor D (PDGFD), transcript variant 1, mRNA.
0,039842694	-1,881179138	LOC100130552	PREDICTED: Homo sapiens similar to hCG1782906 (LOC100130552), mRNA.
0,034239665	-1,886894075	SCCPDH	Homo sapiens saccharopine dehydrogenase (putative) (SCCPDH), mRNA.
0,012143508	-1,892283322	PYCR1	Homo sapiens pyrroline-5-carboxylate reductase 1 (PYCR1), transcript variant 1, mRNA.
0,011987509	-1,896571807	NFIX	Homo sapiens nuclear factor I/X (CCAAT-binding transcription factor) (NFIX), mRNA.
0,03621349	-1,900859939	PDS5B	Homo sapiens PDS5, regulator of cohesion maintenance, homolog B (S. cerevisiae) (PDS5B), mRNA.
0,043309336	-1,90236933	SPON1	Homo sapiens spondin 1, extracellular matrix protein (SPON1), mRNA.
0,024384325	-1,904478168	LOXL3	Homo sapiens lysyl oxidase-like 3 (LOXL3), mRNA.
0,022328408	-1,923234355	TACSTD1	Homo sapiens tumor-associated calcium signal transducer 1 (TACSTD1), mRNA.
0,008221198	-1,923799777	MCFD2	Homo sapiens multiple coagulation factor deficiency 2 (MCFD2), mRNA.
0,0232798	-1,928691099	NFIB	Homo sapiens nuclear factor I/B (NFIB), mRNA.
0,049606385	-1,931896719	SEZ6L2	Homo sapiens seizure related 6 homolog (mouse)-like 2 (SEZ6L2), transcript variant 2, mRNA.
0,022040268	-1,935037605	ANTXR1	Homo sapiens anthrax toxin receptor 1 (ANTXR1), transcript variant 1, mRNA.
0,027607025	-1,936599424	FGF13	Homo sapiens fibroblast growth factor 13 (FGF13), transcript variant 1A, mRNA.
0,018973738	-1,937201846	PTPN9	PREDICTED: Homo sapiens protein tyrosine phosphatase, non-receptor type 9 (PTPN9), mRNA.
0,049373074	-1,938745087	ZBTB20	Homo sapiens zinc finger and BTB domain containing 20 (ZBTB20), mRNA.
0,017547243	-1,941236275	KAT5	Homo sapiens K(lysine) acetyltransferase 5 (KAT5), transcript variant 3, mRNA.
0,026183356	-1,944484806	STC2	Homo sapiens stanniocalcin 2 (STC2), mRNA.
0,009160025	-1,947272727	PBRM1	Homo sapiens polybromo 1 (PBRM1), transcript variant 4, mRNA.
0,044110531	-1,950040331	RAPH1	Homo sapiens Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1), transcript variant 1, mRNA.
0,012036141	-1,951803872	SSBP3	Homo sapiens single stranded DNA binding protein 3 (SSBP3), transcript variant 2, mRNA.



0,011914869	-1,951905388	HS2ST1	Homo sapiens heparan sulfate 2-O-sulfotransferase 1 (HS2ST1), mRNA.
0,029582003	-1,952785396	PSIP1	Homo sapiens PC4 and SFRS1 interacting protein 1 (PSIP1), transcript variant 2, mRNA.
0,028863332	-1,953921569	LRP12	Homo sapiens low density lipoprotein-related protein 12 (LRP12), mRNA.
0,0387093	-1,961966857	KLHL5	Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript variant 3, mRNA.
0,032887479	-1,968942815	TGOLN2	Homo sapiens trans-golgi network protein 2 (TGOLN2), mRNA.
0,039561843	-2,002669696	KIAA1644	PREDICTED: Homo sapiens KIAA1644 protein (KIAA1644), mRNA.
0,032528625	-2,009487666	LOC100130494	PREDICTED: Homo sapiens hypothetical protein LOC100130494 (LOC100130494), mRNA.
0,042331339	-2,01054732	HS.308073	aa12g07.r1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:813084 5, mRNA sequence
0,040002941	-2,019657291	SOCS4	Homo sapiens suppressor of cytokine signaling 4 (SOCS4), transcript variant 2, mRNA.
0,021723179	-2,02056374	GREM1	Homo sapiens gremlin 1, cysteine knot superfamily, homolog (Xenopus laevis) (GREM1), mRNA.
0,035115834	-2,024178756	HS.547201	UI-E-CL1-aez-g-19-0-UI.s1 UI-E-CL1 Homo sapiens cDNA clone UI-E-CL1-aez-g-19-0-UI 3, mRNA sequence
0,043147106	-2,024365309	STEAP2	Homo sapiens six transmembrane epithelial antigen of the prostate 2 (STEAP2), mRNA.
0,042229453	-2,026383526	C4ORF43	Homo sapiens chromosome 4 open reading frame 43 (C4orf43), mRNA.
0,013598145	-2,027393159	LOC100129034	PREDICTED: Homo sapiens hypothetical protein LOC100129034 (LOC100129034), mRNA.
0,033120652	-2,033814971	C1ORF165	Homo sapiens chromosome 1 open reading frame 165 (C1orf165), mRNA.
0,024997314	-2,041030946	NHS	Homo sapiens Nance-Horan syndrome (congenital cataracts and dental anomalies) (NHS), transcript variant 1, mRNA.
0,032176415	-2,044346225	SNX1	Homo sapiens sorting nexin 1 (SNX1), transcript variant 1, mRNA.
0,042707944	-2,053708791	PER3	Homo sapiens period homolog 3 (Drosophila) (PER3), mRNA.
0,047216093	-2,056057882	CRISPLD2	Homo sapiens cysteine-rich secretory protein LCCL domain containing 2 (CRISPLD2), mRNA.
0,000738873	-2,057484946	FLJ10781	Homo sapiens hypothetical protein FLJ10781 (FLJ10781), mRNA.
0,002844808	-2,088034474	HS.370359	Homo sapiens mRNA; cDNA DKFZp686F09166 (from clone DKFZp686F09166)
0,010976105	-2,093795318	HS.40289	Homo sapiens mRNA; cDNA DKFZp686I23208 (from clone DKFZp686I23208)
0,004148824	-2,115789029	SLC2A5	Homo sapiens solute carrier family 2 (facilitated glucose/fructose transporter), member 5 (SLC2A5), mRNA.
0,029527344	-2,117637278	LEP	Homo sapiens leptin (obesity homolog, mouse) (LEP), mRNA.
0,049884471	-2,133667335	TBC1D24	Homo sapiens TBC1 domain family, member 24 (TBC1D24), mRNA. XM_945422
0,008784089	-2,135571732	LOC100128892	PREDICTED: Homo sapiens hypothetical protein LOC100128892 (LOC100128892), mRNA.
0,049869394	-2,138528458	SLC30A5	Homo sapiens solute carrier family 30 (zinc transporter), member 5 (SLC30A5), transcript variant 1, mRNA.
0,014203401	-2,138791946	RFX5	Homo sapiens regulatory factor X, 5 (influences HLA class II expression) (RFX5), transcript variant 1, mRNA.
0,007832201	-2,16614032	SLC2A3	Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 3 (SLC2A3), mRNA.
0,041934266	-2,17039013	ZNF761	Homo sapiens zinc finger protein 761 (ZNF761), mRNA.
0,029941434	-2,172306322	IL1RAP	Homo sapiens interleukin 1 receptor accessory protein (IL1RAP), transcript variant 2, mRNA.
0,022099836	-2,187538254	SPAST	Homo sapiens spastin (SPAST), transcript variant 2, mRNA.

0,003694866	-2,191150341	FRMD4A	Homo sapiens FERM domain containing 4A (FRMD4A), mRNA.
0,026805983	-2,202972091	CCL28	Homo sapiens chemokine (C-C motif) ligand 28 (CCL28), mRNA.
0,044275885	-2,212258283	CREB3	Homo sapiens cAMP responsive element binding protein 3 (CREB3), mRNA.
0,04091574	-2,227361141	LOC643854	PREDICTED: Homo sapiens misc_RNA (LOC643854), miscRNA.
0,006297232	-2,255145278	PRSS42	Homo sapiens protease, serine, 42 (PRSS42), mRNA.
0,031525363	-2,272844089	TSPYL2	Homo sapiens TSPY-like 2 (TSPYL2), mRNA.
0,043231807	-2,274732804	LOC100133075	PREDICTED: Homo sapiens misc_RNA (LOC100133075), miscRNA.
0,001105079	-2,276152958	INHBB	Homo sapiens inhibin, beta B (activin AB beta polypeptide) (INHBB), mRNA.
0,035473243	-2,302249637	ZKSCAN2	Homo sapiens zinc finger with KRAB and SCAN domains 2 (ZKSCAN2), mRNA.
0,032327753	-2,315054496	LRRN3	Homo sapiens leucine rich repeat neuronal 3 (LRRN3), mRNA.
0,013723111	-2,317389138	HIC1	Homo sapiens hypermethylated in cancer 1 (HIC1), transcript variant 2, mRNA.
0,010711141	-2,325692455	RNASEH2C	Homo sapiens ribonuclease H2, subunit C (RNASEH2C), mRNA.
0,037235539	-2,327806122	ORC4L	Homo sapiens origin recognition complex, subunit 4-like (yeast) (ORC4L), transcript variant 3, mRNA.
0,045820223	-2,337264799	SCARF2	Homo sapiens scavenger receptor class F, member 2 (SCARF2), transcript variant 1, mRNA.
0,026074545	-2,338437446	GXYLT1	Homo sapiens glucoside xylosyltransferase 1 (GXYLT1), transcript variant 2, mRNA.
0,000974954	-2,352640845	SP4	Homo sapiens Sp4 transcription factor (SP4), mRNA.
0,026993374	-2,364985571	LOC647474	PREDICTED: Homo sapiens similar to heterogeneous nuclear ribonucleoprotein A3, transcript variant 2 (LOC647474), mRNA.
0,027452989	-2,384063337	ZFHX3	Homo sapiens zinc finger homeobox 3 (ZFHX3), transcript variant A, mRNA.
0,04573327	-2,395989123	CCDC68	Homo sapiens coiled-coil domain containing 68 (CCDC68), mRNA.
0,035088156	-2,409583345	LEP	Homo sapiens leptin (obesity homolog, mouse) (LEP), mRNA.
0,002683522	-2,416531843	LBH	PREDICTED: Homo sapiens hypothetical protein DKFZp566J091 (LBH), mRNA.
0,047901154	-2,427840447	MXRA7	Homo sapiens matrix-remodelling associated 7 (MXRA7), transcript variant 3, mRNA.
0,018626652	-2,446970628	ZWILCH	Homo sapiens Zwilch, kinetochore associated, homolog (Drosophila) (ZWILCH), transcript variant 1, mRNA.
0,011666872	-2,461827957	HS.158923	Homo sapiens mRNA; cDNA DKFZp434K0722 (from clone DKFZp434K0722)
0,034519704	-2,466954611	TUBB2B	Homo sapiens tubulin, beta 2B (TUBB2B), mRNA.
0,00532546	-2,470525315	HSPB7	Homo sapiens heat shock 27kDa protein family, member 7 (cardiovascular) (HSPB7), mRNA.
0,019476356	-2,479888949	CCDC8	Homo sapiens coiled-coil domain containing 8 (CCDC8), mRNA.
0,008952574	-2,493402884	CCDC80	Homo sapiens coiled-coil domain containing 80 (CCDC80), transcript variant 1, mRNA.
0,04035028	-2,555232558	LOC728832	PREDICTED: Homo sapiens hypothetical protein LOC728832 (LOC728832), mRNA.
0,027884072	-2,556699782	NLK	Homo sapiens nemo-like kinase (NLK), mRNA.
0,04510954	-2,557933698	DUSP2	Homo sapiens dual specificity phosphatase 2 (DUSP2), mRNA.
0,047773236	-2,572600976	COL11A1	Homo sapiens collagen, type XI, alpha 1 (COL11A1), transcript variant A, mRNA.
0,035639115	-2,573865518	C6ORF188	Homo sapiens chromosome 6 open reading frame 188 (C6orf188), mRNA.
0,03456043	-2,655425659	PPIG	Homo sapiens peptidylprolyl isomerase G (cyclophilin G) (PPIG), mRNA.

0,006125265	-2,681618887	STK38L	Homo sapiens serine/threonine kinase 38 like (STK38L), mRNA.
0,049068386	-2,767566362	LPPR4	Homo sapiens plasticity related gene 1 (LPPR4), mRNA.
0,002342719	-2,843046184	NDP	Homo sapiens Norrie disease (pseudoglioma) (NDP), mRNA.
0,045098655	-2,844436485	CACNA1C	Homo sapiens calcium channel, voltage-dependent, L type, alpha 1C subunit (CACNA1C), mRNA.
0,027141585	-2,849090909	HS.560906	DA173998 BRAMY2 Homo sapiens cDNA clone BRAMY2037005 5, mRNA sequence
0,018431136	-2,849763237	NEDD9	Homo sapiens neural precursor cell expressed, developmentally down-regulated 9 (NEDD9), transcript variant 1, mRNA.
0,010323717	-2,902796031	FNDC1	Homo sapiens fibronectin type III domain containing 1 (FNDC1), mRNA.
0,048203606	-2,909785933	ZBTB8A	Homo sapiens zinc finger and BTB domain containing 8A (ZBTB8A), mRNA. XM_945039
0,048052355	-2,917124902	ZAK	Homo sapiens sterile alpha motif and leucine zipper containing kinase AZK (ZAK), transcript variant 1, mRNA.
0,042092289	-2,928997686	LOC255480	PREDICTED: Homo sapiens hypothetical protein LOC255480 (LOC255480), mRNA.
0,003197682	-2,948654244	CHKA	Homo sapiens choline kinase alpha (CHKA), transcript variant 2, mRNA.
0,035559147	-2,958333333	DENND5B	Homo sapiens DENN/MADD domain containing 5B (DENND5B), mRNA.
0,006501034	-2,963861386	CSTF2T	Homo sapiens cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant (CSTF2T), mRNA.
0,002224009	-2,983669026	NCAPG2	Homo sapiens non-SMC condensin II complex, subunit G2 (NCAPG2), mRNA.
0,029036639	-3,002974969	HDAC4	Homo sapiens histone deacetylase 4 (HDAC4), mRNA.
0,017697417	-3,006223259	LOC100190939	Homo sapiens hypothetical LOC100190939 (LOC100190939), non-coding RNA.
0,03328981	-3,026657061	C14ORF37	Homo sapiens chromosome 14 open reading frame 37 (C14orf37), mRNA.
0,013969902	-3,169569854	GUCA1A	Homo sapiens guanylate cyclase activator 1A (retina) (GUCA1A), mRNA.
0,037345747	-3,2326856	LOC650815	PREDICTED: Homo sapiens similar to T-cell receptor alpha chain V region CTL-L17 precursor (LOC650815), mRNA.
0,011486308	-3,248763251	HS.536125	CR744726 Homo sapiens library (Ebert L) Homo sapiens cDNA clone IMAGEp971008109 ; IMAGE:37816 3, mRNA sequence
0,022808403	-3,30482977	MASP1	Homo sapiens mannan-binding lectin serine peptidase 1 (C4/C2 activating component of Ra-reactive factor) (MASP1), transcript variant 3, mRNA.
0,045969214	-3,348113208	ALKBH8	Homo sapiens alkB, alkylation repair homolog 8 (E. coli) (ALKBH8), mRNA.
0,016377123	-3,362339515	C19ORF28	Homo sapiens chromosome 19 open reading frame 28 (C19orf28), transcript variant 2, mRNA.
0,040787184	-3,529468703	NLGN4X	Homo sapiens neuroligin 4, X-linked (NLGN4X), transcript variant 1, mRNA.
0,011018756	-3,551879971	SLC41A1	Homo sapiens solute carrier family 41, member 1 (SLC41A1), mRNA.
0,030122276	-3,649413353	AGR2	Homo sapiens anterior gradient homolog 2 (Xenopus laevis) (AGR2), mRNA.
0,003666484	-3,695308871	HES6	Homo sapiens hairy and enhancer of split 6 (Drosophila) (HES6), mRNA.
0,011589666	-3,769466927	EGLN3	Homo sapiens egl nine homolog 3 (C. elegans) (EGLN3), mRNA.
0,002577405	-3,78410596	ZEB1	Homo sapiens zinc finger E-box binding homeobox 1 (ZEB1), mRNA.
0,020945573	-3,9178064	NACC1	Homo sapiens nucleus accumbens associated 1, BEN and BTB (POZ) domain containing (NACC1), mRNA.

0,021242323	-3,990029128	HS.562504	PM3-DT0037-231299-001-e06 DT0037 Homo sapiens cDNA, mRNA sequence
0,017473596	-4,022689267	PRKCSH	Homo sapiens protein kinase C substrate 80K-H (PRKCSH), transcript variant 2, mRNA.
0,02118148	-4,168776104	LGR4	Homo sapiens leucine-rich repeat-containing G protein-coupled receptor 4 (LGR4), mRNA.
0,041806093	-4,238410596	ASPH	Homo sapiens aspartate beta-hydroxylase (ASPH), transcript variant 2, mRNA.
0,007144075	-4,397986222	CDC2L2	Homo sapiens cell division cycle 2-like 2 (PITSLRE proteins) (CDC2L2), transcript variant 1, mRNA. XM_001713745 XM_001713746 XM_001713747
0,011121191	-4,408385093	LOC100128007	PREDICTED: Homo sapiens misc_RNA (LOC100128007), miscRNA.
0,012849465	-4,672122602	PTPRQ	PREDICTED: Homo sapiens protein tyrosine phosphatase, receptor type, Q (PTPRQ), mRNA.
0,01039157	-4,677934746	PRELP	Homo sapiens proline/arginine-rich end leucine-rich repeat protein (PRELP), transcript variant 2, mRNA.
0,019025771	-4,804838925	DNM1	Homo sapiens dynamin 1 (DNM1), transcript variant 2, mRNA.
0,023606624	-4,900303644	CCDC80	Homo sapiens coiled-coil domain containing 80 (CCDC80), transcript variant 1, mRNA.
0,013074654	-4,956937799	SDHALP1	Homo sapiens succinate dehydrogenase complex, subunit A, flavoprotein pseudogene 1 (SDHALP1) on chromosome 3.
0,046544405	-5,288706058	MYOZ3	Homo sapiens myozenin 3 (MYOZ3), mRNA.
0,004956804	-5,776351518	TTY17A	Homo sapiens testis-specific transcript, Y-linked 17A (non-protein coding) (TTY17A), non-coding RNA.
0,016859484	-6,71221865	MYBBP1A	Homo sapiens MYB binding protein (P160) 1a (MYBBP1A), mRNA.
0,005284639	-7,129854369	LAT1-3TM	PREDICTED: Homo sapiens SLC7A5 pseudogene, transcript variant 2 (LAT1-3TM), misc RNA.
0,002524003	-7,938314366	PPM1G	Homo sapiens protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform (PPM1G), transcript variant 1, mRNA.
0,011749054	-9,411090742	GCK	Homo sapiens glucokinase (hexokinase 4, maturity onset diabetes of the young 2) (GCK), transcript variant 1, mRNA.
0,017821973	-18,31955188	SLC44A4	Homo sapiens solute carrier family 44, member 4 (SLC44A4), mRNA.
0,000173863	-26,32468997	C10ORF107	Homo sapiens chromosome 10 open reading frame 107 (C10orf107), mRNA.