|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S2.**  |  |  |  |  |  |  |  |  |
| **Genes differentially expressed between FRO-CBX7-1 and FRO-EV-1 with a fold change ≤-1,5** |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Gene Symbol** | **Fold Change** | **mRNA Accession** | **Description** |   |   |   |   |   |  |
| SPINK1  | -6,91 | NM\_003122  | Homo sapiens serine peptidase inhibitor, Kazal type 1 (SPINK1), mRNA.  |  |  |  |
| HLA-DMB  | -4,87 | NM\_002118  | Homo sapiens major histocompatibility complex, class II, DM beta (HLA-DMB), mRNA.  |  |  |
| SPP1  | -4,64 | NM\_001040058  | Homo sapiens secreted phosphoprotein 1 (osteopontin, bone sialoprotein I) (SPP1), transcript variant 1. |  |
| STEAP1  | -3,76 | NM\_012449  | Homo sapiens six transmembrane epithelial antigen of the prostate 1 (STEAP1), mRNA.  |  |  |
| SEMA3A  | -3,67 | NM\_006080  | Homo sapiens sema domain, short basic domain, secreted, (semaphorin) 3A (SEMA3A), mRNA.  |  |
| KLHL5  | -3,26 | NM\_015990  | Homo sapiens kelch-like 5 (Drosophila) (KLHL5), transcript variant 1, mRNA.  |  |  |  |
| SGPP2  | -3,22 | NM\_152386  | Homo sapiens sphingosine-1-phosphate phosphotase 2 (SGPP2), mRNA.  |  |  |  |
| REG4  | -3,10 | NM\_032044  | Homo sapiens regenerating islet-derived family, member 4 (REG4), mRNA.  |  |  |  |
| NMUR2  | -2,94 | NM\_020167  | Homo sapiens neuromedin U receptor 2 (NMUR2), mRNA.  |  |  |  |  |
| FGL1  | -2,91 | NM\_201553  | Homo sapiens fibrinogen-like 1 (FGL1), transcript variant 4, mRNA.  |  |  |  |
| PRKACB  | -2,90 | NM\_182948  | Homo sapiens protein kinase, cAMP-dependent, catalytic, beta (PRKACB), transcript variant 1, mRNA.  |  |
| IFITM3  | -2,86 | NM\_021034  | Homo sapiens interferon induced transmembrane protein 3 (1-8U) (IFITM3), mRNA.  |  |  |
| FRG1  | -2,81 | NM\_004477  | Homo sapiens FSHD region gene 1 (FRG1), mRNA.  |  |  |  |  |  |
| CALD1  | -2,73 | NM\_033138  | Homo sapiens caldesmon 1 (CALD1), transcript variant 1, mRNA.  |  |  |  |  |
| CCDC109B  | -2,62 | NM\_017918  | Homo sapiens coiled-coil domain containing 109B (CCDC109B), mRNA.  |  |  |  |
| ANXA1  | -2,54 | NM\_000700  | Homo sapiens annexin A1 (ANXA1), mRNA.  |  |  |  |  |  |
| CYP2C18  | -2,47 | BC096259  | Homo sapiens cytochrome P450, family 2, subfamily C, polypeptide 18, mRNA, complete cds.  |  |
| TRPS1  | -2,47 | NM\_014112  | Homo sapiens trichorhinophalangeal syndrome I (TRPS1), mRNA.  |  |  |  |  |
| SYTL5  | -2,40 | NM\_138780  | Homo sapiens synaptotagmin-like 5 (SYTL5), mRNA.  |  |  |  |  |
| LOC644714  | -2,40 | BC047037  | Homo sapiens, clone IMAGE:5168377, mRNA.  |  |  |  |  |  |
| GOLM1  | -2,29 | NM\_016548  | Homo sapiens golgi membrane protein 1 (GOLM1), transcript variant 1, mRNA.  |  |  |
| DSEL  | -2,26 | NM\_032160  | Homo sapiens dermatan sulfate epimerase-like (DSEL), mRNA.  |  |  |  |  |
| --- | -2,25 | ENST00000390263  |  cdna:known chromosome:NCBI36:2:89400496:89400972:-1 gene:ENSG00000211618  |  |  |
| AKR1C2  | -2,22 | NM\_205845  | Homo sapiens aldo-keto reductase family 1, member C2 (AKR1C2), transcript variant 2, mRNA.  |  |
| IGSF10  | -2,22 | NM\_178822  | Homo sapiens immunoglobulin superfamily, member 10 (IGSF10), mRNA.  |  |  |  |
| --- | -2,21 | ENST00000396891  |  cdna:known-ccds chromosome:NCBI36:6:27212987:27222610:-1 gene:ENSG00000197903 |  |
| --- | -2,20 | GENSCAN00000055056  |  cdna:Genscan chromosome:NCBI36:2:91586250:91588295:-1  |  |  |  |  |
| FN1  | -2,19 | NM\_212482  | Homo sapiens fibronectin 1 (FN1), transcript variant 1, mRNA.  |  |  |  |  |
| TNFRSF11B  | -2,15 | NM\_002546  | Homo sapiens tumor necrosis factor receptor superfamily, (osteoprotegerin) (TNFRSF11B).  |  |
| ANTXR2  | -2,14 | NM\_058172  | Homo sapiens anthrax toxin receptor 2 (ANTXR2), mRNA.  |  |  |  |  |
| GPR110  | -2,11 | NM\_153840  | Homo sapiens G protein-coupled receptor 110 (GPR110), transcript variant 1, mRNA.  |  |  |
| DRAM  | -2,10 | NM\_018370  | Homo sapiens damage-regulated autophagy modulator (DRAM), mRNA.  |  |  |  |
| MID1  | -2,10 | ENST00000380785  | midline 1 (Opitz/BBB syndrome) (MID1), transcript variant 4, mRNA  |  |  |  |
| CADPS2  | -2,06 | NM\_017954  | Homo sapiens Ca2+-dependent activator protein for secretion 2 (CADPS2), transcript variant 1, mRNA.  |  |
| PPP2R3A  | -2,03 | NM\_002718  | Homo sapiens protein phosphatase 2 (formerly 2A), alpha (PPP2R3A), transcript variant 1.  |  |  |
| PEG10  | -2,03 | NM\_001040152  | Homo sapiens paternally expressed 10 (PEG10), transcript variant 1, mRNA.  |   |   |   |
| --- | -1,98 | ENST00000296734  |  cdna:known-ccds chromosome:NCBI36:5:54491778:54498628:1 gene:ENSG00000164294 |  |
| SLC38A4  | -1,98 | NM\_018018  | Homo sapiens solute carrier family 38, member 4 (SLC38A4), mRNA.  |  |  |  |
| SUCNR1  | -1,96 | NM\_033050  | Homo sapiens succinate receptor 1 (SUCNR1), mRNA.  |  |  |  |  |
| SEMA3C  | -1,95 | NM\_006379  | Homo sapiens sema domain, immunoglobulin domain (Ig), secreted, (semaphorin) 3C (SEMA3C).  |  |
| ACAA1  | -1,94 | AK127051  | Homo sapiens cDNA FLJ45108 fis, highly similar to 3-ketoacyl-CoA thiolase.  |  |  |
| C18orf55  | -1,92 | NM\_014177  | Homo sapiens chromosome 18 open reading frame 55 (C18orf55), mRNA.  |  |  |  |
| --- | -1,92 | ENST00000303735  |  cdna:known-ccds chromosome:NCBI36:2:165463058:165520281:-1 gene:ENSG00000169507 |  |
| MMP7  | -1,89 | NM\_002423  | Homo sapiens matrix metallopeptidase 7 (matrilysin, uterine) (MMP7), mRNA.  |  |  |
| SNAP29  | -1,88 | NM\_004782  | Homo sapiens synaptosomal-associated protein, 29kDa (SNAP29), mRNA.  |  |  |  |
| RGS2  | -1,87 | NM\_002923  | Homo sapiens regulator of G-protein signaling 2, 24kDa (RGS2), mRNA.  |  |  |  |
| --- | -1,87 | ---  | other\_spike  |  |  |  |  |  |  |
| QPCT  | -1,86 | NM\_012413  | Homo sapiens glutaminyl-peptide cyclotransferase (glutaminyl cyclase) (QPCT), mRNA.  |  |  |
| UBE2L3  | -1,86 | ENST00000254302  | ubiquitin-conjugating enzyme E2L 3 (UBE2L3), transcript variant 2, mRNA  |  |  |  |
| TBC1D19  | -1,84 | NM\_018317  | Homo sapiens TBC1 domain family, member 19 (TBC1D19), mRNA.  |  |  |  |
| KYNU  | -1,84 | NM\_003937  | Homo sapiens kynureninase (L-kynurenine hydrolase) (KYNU), transcript variant 1, mRNA.  |  |  |
| --- | -1,83 | GENSCAN00000000054  |  cdna:Genscan chromosome:NCBI36:5:117070532:117160866:-1  |  |  |  |
| SLC2A2  | -1,83 | NM\_000340  | Homo sapiens solute carrier family 2 (facilitated glucose transporter), member 2 (SLC2A2), mRNA.  |  |
| AADAC  | -1,81 | NM\_001086  | Homo sapiens arylacetamide deacetylase (esterase) (AADAC), mRNA.  |  |  |  |
| ZNF223  | -1,80 | NM\_013361  | Homo sapiens zinc finger protein 223 (ZNF223), mRNA.  |  |  |  |  |
| RLN2  | -1,80 | NM\_134441  | Homo sapiens relaxin 2 (RLN2), transcript variant 1, mRNA.  |  |  |  |  |
| KRT23  | -1,79 | NM\_015515  | Homo sapiens keratin 23 (histone deacetylase inducible) (KRT23), mRNA.  |  |  |  |
| ST3GAL1  | -1,78 | NM\_003033  | Homo sapiens ST3 beta-galactoside alpha-2,3-sialyltransferase 1 (ST3GAL1), transcript variant 1.  |  |
| --- | -1,78 | GENSCAN00000053808  |  cdna:Genscan chromosome:NCBI36:1:150638568:150638909:1  |  |  |  |
| DKK1  | -1,78 | NM\_012242  | Homo sapiens dickkopf homolog 1 (Xenopus laevis) (DKK1), mRNA.  |  |  |  |
| ANKRD29  | -1,78 | NM\_173505  | Homo sapiens ankyrin repeat domain 29 (ANKRD29), mRNA.  |  |  |  |  |
| SSBP2  | -1,77 | NM\_012446  | Homo sapiens single-stranded DNA binding protein 2 (SSBP2), mRNA.  |  |  |  |
| MRPS18C  | -1,76 | NM\_016067  | Homo sapiens mitochondrial ribosomal protein S18C (MRPS18C).  |  |  |  |
| LOC653156  | -1,76 | XM\_001133205  | PREDICTED: Homo sapiens similar to 60S ribosomal protein L21, transcript variant 1 (LOC653156).  |  |
| TMEM16K  | -1,76 | NM\_018075  | Homo sapiens transmembrane protein 16K (TMEM16K), mRNA.  |  |  |  |  |
| --- | -1,75 | GENSCAN00000011541  |  cdna:Genscan chromosome:NCBI36:1:202139474:202139824:-1  |  |  |  |
| IL33  | -1,75 | NM\_033439  | Homo sapiens interleukin 33 (IL33), mRNA.  |  |  |  |  |  |
| --- | -1,75 | ENST00000363064  |  ncrna:snoRNA chromosome:NCBI36:1:85830551:85830627:1 gene:ENSG00000199934  |  |  |
| SLC16A7  | -1,74 | NM\_004731  | Homo sapiens solute carrier family 16, member 7 (monocarboxylic acid transporter 2) (SLC16A7).  |  |
| C6orf117  | -1,74 | NM\_138409  | Homo sapiens chromosome 6 open reading frame 117 (C6orf117), mRNA.  |  |  |  |
| SLC7A11  | -1,73 | NM\_014331  | Homo sapiens solute carrier family 7, (cationic amino acid transporter, y+ system) (SLC7A11).  |  |
| DYNLT3  | -1,73 | NM\_006520  | Homo sapiens dynein, light chain, Tctex-type 3 (DYNLT3), mRNA.  |  |  |  |
| SCIN  | -1,72 | BC021090  | Homo sapiens scinderin, mRNA (cDNA clone MGC:31749 IMAGE:4877906), complete cds.  |  |
| --- | -1,72 | ENST00000296530  |  cdna:known-ccds chromosome:NCBI36:4:159265213:159312993:-1 gene:ENSG00000164125 |  |
| PECI  | -1,72 | NM\_206836  | Homo sapiens peroxisomal D3,D2-enoyl-CoA isomerase (PECI), transcript variant 2, mRNA.  |  |
| --- | -1,71 | ENST00000309047  |  cdna:known chromosome:NCBI36:3:130015733:130015936:-1 gene:ENSG00000172797  |  |
| DACH1  | -1,69 | NM\_080759  | Homo sapiens dachshund homolog 1 (Drosophila) (DACH1), transcript variant 1, mRNA.  |  |  |
| FLRT3  | -1,69 | NM\_198391  | Homo sapiens fibronectin leucine rich transmembrane protein 3 (FLRT3), transcript variant 2, mRNA.  |  |
| TGFB2  | -1,69 | NM\_003238  | Homo sapiens transforming growth factor, beta 2 (TGFB2), mRNA.  |  |  |  |
| SGCE  | -1,69 | NM\_001099401  | Homo sapiens sarcoglycan, epsilon (SGCE), transcript variant 1, mRNA.  |  |  |  |
| UGT2B7  | -1,68 | BC030974  | Homo sapiens UDP glucuronosyltransferase 2 family, polypeptide B7, (MGC:32620 IMAGE:4593426).  |  |
| GRAMD3  | -1,68 | NM\_023927  | Homo sapiens GRAM domain containing 3 (GRAMD3), mRNA.  |  |  |  |  |
| LOC643300  | -1,68 | XR\_016534  | PREDICTED: Homo sapiens similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60) |  |
| --- | -1,67 | NM\_001029945.1  | Homo sapiens chromosome 1 open reading frame 178 (C1orf178), transcript variant c, mRNA  |  |
| SLC14A1  | -1,67 | NM\_015865  | Homo sapiens solute carrier family 14 (urea transporter), member 1 (Kidd blood group) (SLC14A1).  |  |
| SPINK4  | -1,66 | NM\_014471  | Homo sapiens serine peptidase inhibitor, Kazal type 4 (SPINK4), mRNA.  |  |  |  |
| SLC19A3  | -1,66 | NM\_025243  | Homo sapiens solute carrier family 19, member 3 (SLC19A3), mRNA.  |  |  |  |
| UBXD6  | -1,65 | NM\_005671  | Homo sapiens UBX domain containing 6 (UBXD6), mRNA.  |  |  |  |  |
| GPC3  | -1,65 | NM\_004484  | Homo sapiens glypican 3 (GPC3), mRNA.  |  |  |  |  |  |
| TDG  | -1,64 | NM\_003211  | Homo sapiens thymine-DNA glycosylase (TDG), mRNA.  |  |  |  |  |
| MAOB  | -1,64 | NM\_000898  | Homo sapiens monoamine oxidase B (MAOB), nuclear gene encoding mitochondrial protein, mRNA.  |  |
| --- | -1,64 | M37726  | Human mitochondrial Lys-tRNA-aaa.  |  |  |  |  |  |  |
| RPL26L1  | -1,64 | NM\_016093  | Homo sapiens ribosomal protein L26-like 1 (RPL26L1), mRNA.  |  |  |  |  |
| PTPN20B/PTPN20A  | -1,64 | AY704141  | Homo sapiens non-receptor protein tyrosine phosphatase 20 variant 1 (PTPN20), alternatively spliced.  |  |
| C11orf74  | -1,64 | DQ121386  | Homo sapiens HEPIS mRNA, complete cds.  |  |  |  |  |  |
| ATP1B3  | -1,63 | NM\_001679  | Homo sapiens ATPase, Na+/K+ transporting, beta 3 polypeptide (ATP1B3), mRNA.  |  |  |
| ZNF284  | -1,63 | NM\_001037813  | Homo sapiens zinc finger protein 284 (ZNF284), mRNA.  |  |  |  |  |
| CCDC88A  | -1,63 | NM\_018084  | Homo sapiens coiled-coil domain containing 88A (CCDC88A), mRNA.  |  |  |  |
| PPARGC1A  | -1,62 | NM\_013261  | Homo sapiens peroxisome proliferator-activated receptor gamma, coactivator 1 alpha (PPARGC1A).  |  |
| FAM3C  | -1,62 | NM\_014888  | Homo sapiens family with sequence similarity 3, member C (FAM3C), transcript variant 1, mRNA.  |  |
| PI4KA  | -1,62 | NM\_058004  | Homo sapiens phosphatidylinositol 4-kinase, catalytic, alpha (PI4KA), transcript variant 2, mRNA.  |  |
| CNTNAP3B  | -1,62 | BX538190  | Homo sapiens mRNA; cDNA DKFZp686I15204 (from clone DKFZp686I15204).  |  |  |
| ADH1C  | -1,62 | NM\_000669  | Homo sapiens alcohol dehydrogenase 1C (class I), gamma polypeptide (ADH1C), mRNA.  |  |  |
| LOC400061  | -1,61 | XR\_016608  | PREDICTED: Homo sapiens similar to CDK105 protein (LOC400061), mRNA.  |  |  |
| --- | -1,61 | ENST00000339579  |  cdna:novel chromosome:NCBI36:16:73203992:73204620:-1 gene:ENSG00000187762  |  |  |
| TXNDC13  | -1,61 | NM\_021156  | Homo sapiens thioredoxin domain containing 13 (TXNDC13), mRNA.  |  |  |  |
| --- | -1,61 | ENST00000331888  |  cdna:novel chromosome:NCBI36:14:60316449:60316839:1 gene:ENSG00000184902  |  |  |
| EVI2A  | -1,61 | NM\_001003927  | Homo sapiens ecotropic viral integration site 2A (EVI2A), transcript variant 1, mRNA.  |  |  |
| --- | -1,60 | ENST00000365465  |  ncrna:snoRNA chromosome:NCBI36:12:109418540:109418609:-1 gene:ENSG00000202335  |  |
| ELMOD2  | -1,60 | NM\_153702  | Homo sapiens ELMO/CED-12 domain containing 2 (ELMOD2), mRNA.  |  |  |  |
| SGK1  | -1,60 | NM\_005627  | Homo sapiens serum/glucocorticoid regulated kinase (SGK), mRNA.  |  |  |  |
| --- | -1,60 | S77921  | tRNA-Thr [human, Parkinson's disease patient PD2, tRNA Mitochondrial Partial Mutant ACA Thr, 66 nt].  |  |
| FAM3C  | -1,60 | NM\_014888  | Homo sapiens family with sequence similarity 3, member C (FAM3C), transcript variant 1, mRNA.  |  |
| RRP15  | -1,60 | NM\_016052  | Homo sapiens ribosomal RNA processing 15 homolog (S. cerevisiae) (RRP15), mRNA.  |  |  |
| LOC441487  | -1,60 | XR\_019542  | PREDICTED: Homo sapiens similar to methyltransferase-like protein 1 isoform a (LOC441487).  |  |
| SLCO2A1  | -1,60 | NM\_005630  | Homo sapiens solute carrier organic anion transporter family, member 2A1 (SLCO2A1), mRNA.  |  |
| ING3  | -1,60 | NM\_019071  | Homo sapiens inhibitor of growth family, member 3 (ING3), transcript variant 1, mRNA.  |  |  |
| IL1R2  | -1,59 | NM\_004633  | Homo sapiens interleukin 1 receptor, type II (IL1R2), transcript variant 1, mRNA.  |  |  |
| CST1  | -1,59 | NM\_001898  | Homo sapiens cystatin SN (CST1), mRNA.  |  |  |  |  |  |
| GCNT3  | -1,59 | NM\_004751  | Homo sapiens glucosaminyl (N-acetyl) transferase 3, mucin type (GCNT3), mRNA.  |  |  |
| --- | -1,59 | GENSCAN00000004291  |  cdna:Genscan chromosome:NCBI36:19:49130409:49206635:1  |  |  |  |  |
| HTR2B  | -1,59 | NM\_000867  | Homo sapiens 5-hydroxytryptamine (serotonin) receptor 2B (HTR2B), mRNA.  |  |  |  |
| PLK2  | -1,59 | NM\_006622  | Homo sapiens polo-like kinase 2 (Drosophila) (PLK2), mRNA.  |  |  |  |  |
| --- | -1,59 | ENST00000387980  |  ncrna:Mt\_tRNA\_pseudogene chromosome:NCBI36:1:55611699:55611765:1 |  |  |  |
| SUMO1P3  | -1,59 | NR\_002190  | Homo sapiens SUMO1 pseudogene 3 (SUMO1P3) on chromosome 1.  |  |  |  |
| FRG1  | -1,58 | NM\_004477  | Homo sapiens FSHD region gene 1 (FRG1), mRNA.  |  |  |  |  |  |
| --- | -1,58 | ENST00000387117  |  ncrna:Mt\_tRNA\_pseudogene chromosome:NCBI36:17:19447252:19447319:1 |  |  |
| FASTKD3  | -1,58 | NM\_024091  | Homo sapiens FAST kinase domains 3 (FASTKD3), mRNA.  |  |  |  |  |
| ZNF146  | -1,57 | NM\_007145  | Homo sapiens zinc finger protein 146 (ZNF146), transcript variant 1, mRNA.  |  |  |  |
| PON3  | -1,57 | NM\_000940  | Homo sapiens paraoxonase 3 (PON3), mRNA.  |  |  |  |  |  |
| GALNT1  | -1,57 | NM\_020474  | Homo sapiens UDP-N-acetyl-alpha-D-galactosamine, (GalNAc-T1) (GALNT1).  |  |  |
| RPP40  | -1,57 | NM\_006638  | Homo sapiens ribonuclease P/MRP 40kDa subunit (RPP40), mRNA.  |  |  |  |
| CFTR  | -1,57 | NM\_000492  | Homo sapiens cystic fibrosis transmembrane conductance regulator (CFTR).  |  |  |  |
| --- | -1,57 | GENSCAN00000012378  |  cdna:Genscan chromosome:NCBI36:X:32133940:32134488:1  |  |  |  |  |
| GK  | -1,57 | NM\_000167  | Homo sapiens glycerol kinase (GK), transcript variant 2, mRNA.  |  |  |  |  |
| BCL2L15  | -1,57 | NM\_001010922  | Homo sapiens BCL2-like 15 (BCL2L15), mRNA.  |  |  |  |  |  |
| SEC11C  | -1,57 | NM\_033280  | Homo sapiens SEC11 homolog C (S. cerevisiae) (SEC11C), mRNA.  |  |  |  |
| TM4SF4  | -1,57 | NM\_004617  | Homo sapiens transmembrane 4 L six family member 4 (TM4SF4), mRNA.  |  |  |  |
| CCL20  | -1,56 | NM\_004591  | Homo sapiens chemokine (C-C motif) ligand 20 (CCL20), mRNA.  |  |  |  |
| --- | -1,56 | ENST00000249122  |  cdna:known-ccds chromosome:NCBI36:22:19385402:19388889:1 gene:ENSG00000128389 |  |
| DOC2B  | -1,56 | NM\_003585  | Homo sapiens double C2-like domains, beta (DOC2B), mRNA.  |  |  |  |  |
| UTP15  | -1,56 | NM\_032175  | Homo sapiens UTP15, U3 small nucleolar ribonucleoprotein, homolog (S. cerevisiae) (UTP15), mRNA.  |  |
| APOH  | -1,56 | NM\_000042  | Homo sapiens apolipoprotein H (beta-2-glycoprotein I) (APOH), mRNA.  |  |  |  |
| IFIT5  | -1,56 | NM\_012420  | Homo sapiens interferon-induced protein with tetratricopeptide repeats 5 (IFIT5), mRNA.  |  |  |
| tcag7.1260  | -1,56 | ENST00000359579  | similar to aldo-keto reductase family 1, member B10 (LOC441282), mRNA  |  |  |  |
| TMEM56  | -1,56 | NM\_152487  | Homo sapiens transmembrane protein 56 (TMEM56), mRNA.  |  |  |  |  |
| COQ3  | -1,56 | NM\_017421  | Homo sapiens coenzyme Q3 homolog, methyltransferase (S. cerevisiae) (COQ3), mRNA.  |  |  |
| --- | -1,56 | ENST00000388366  |  ncrna:Mt\_tRNA\_pseudogene chromosome:NCBI36:X:55222147:55222215:1 |  |  |  |
| CDKN3  | -1,55 | NM\_005192  | Homo sapiens cyclin-dependent kinase inhibitor 3 (CDKN3). |  |  |  |  |
| SGCB  | -1,55 | NM\_000232  | Homo sapiens sarcoglycan, beta (43kDa dystrophin-associated glycoprotein) (SGCB), mRNA.  |  |
| GK  | -1,55 | NM\_203391  | Homo sapiens glycerol kinase (GK), transcript variant 1, mRNA.  |  |  |  |  |
| TLE4  | -1,55 | NM\_007005  | Homo sapiens transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila) (TLE4), mRNA.  |  |
| --- | -1,55 | ENST00000249122  |  cdna:known-ccds chromosome:NCBI36:22:19385402:19388889:1 gene:ENSG00000128389 |  |
| --- | -1,55 | NM\_001353.5  | Homo sapiens aldo-keto reductase family 1, member C1 (AKR1C1), mRNA  |  |  |  |
| TLR4  | -1,55 | NM\_138554  | Homo sapiens toll-like receptor 4 (TLR4), mRNA.  |  |  |  |  |  |
| CASP4  | -1,54 | NM\_033306  | Homo sapiens caspase 4, apoptosis-related cysteine peptidase (CASP4), transcript variant gamma.  |  |
| DENND2C  | -1,54 | BC063894  | Homo sapiens DENN/MADD domain containing 2C, mRNA (cDNA clone MGC:75543). |  |  |
| SH3BGRL  | -1,54 | NM\_003022  | Homo sapiens SH3 domain binding glutamic acid-rich protein like (SH3BGRL), mRNA.  |  |  |
| FRMD6  | -1,54 | NM\_001042481  | Homo sapiens FERM domain containing 6 (FRMD6), transcript variant 1, mRNA.  |  |  |
| VEPH1  | -1,54 | NM\_024621  | Homo sapiens ventricular zone expressed PH domain homolog 1 (zebrafish) (VEPH1), mRNA.  |  |
| COMMD8  | -1,54 | NM\_017845  | Homo sapiens COMM domain containing 8 (COMMD8), mRNA.  |  |  |  |  |
| MYBL1  | -1,54 | NM\_001080416  | Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian)-like 1 (MYBL1), mRNA.  |  |
| ZNF224  | -1,54 | NM\_013398  | Homo sapiens zinc finger protein 224 (ZNF224), mRNA.  |  |  |  |  |
| ZNF347  | -1,54 | NM\_032584  | Homo sapiens zinc finger protein 347 (ZNF347), mRNA.  |  |  |  |  |
| UBLCP1  | -1,54 | NM\_145049  | Homo sapiens ubiquitin-like domain containing CTD phosphatase 1 (UBLCP1), mRNA.  |  |  |
| hCG\_2023776  | -1,54 | XM\_939955  | Homo sapiens similar to Heterogeneous nuclear ribonucleoprotein A1 (hnRNP core protein A1) (HDP-1) |
| CRKL  | -1,54 | NM\_005207  | Homo sapiens v-crk sarcoma virus CT10 oncogene homolog (avian)-like (CRKL), mRNA.  |  |  |
| C9orf102  | -1,54 | NM\_020207  | Homo sapiens chromosome 9 open reading frame 102 (C9orf102), transcript variant 1, mRNA.  |  |
| --- | -1,54 | GENSCAN00000015008  |  cdna:Genscan chromosome:NCBI36:4:25233995:25234321:1  |  |  |  |  |
| FRRS1  | -1,54 | BC029438  | Homo sapiens cDNA clone IMAGE:4603717, partial cds.  |  |  |  |  |
| EXOSC8  | -1,53 | NM\_181503  | Homo sapiens exosome component 8 (EXOSC8), mRNA.  |  |  |  |  |
| ZNF234  | -1,53 | NM\_006630  | Homo sapiens zinc finger protein 234 (ZNF234), mRNA.  |  |  |  |  |
| LOC285550  | -1,53 | XR\_017908  | PREDICTED: Homo sapiens hypothetical protein LOC285550, transcript variant 1 (LOC285550), misc RNA.  |
| ZNF17  | -1,53 | NM\_006959  | Homo sapiens zinc finger protein 17 (ZNF17), mRNA.  |  |  |  |  |
| SERPINE2  | -1,53 | BC042628  | Homo sapiens serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2 |
| ANAPC10  | -1,53 | NM\_014885  | Homo sapiens anaphase promoting complex subunit 10 (ANAPC10), mRNA.  |  |  |  |
| ADRA2A  | -1,52 | NM\_000681  | Homo sapiens adrenergic, alpha-2A-, receptor (ADRA2A), mRNA.  |  |  |  |
| --- | -1,52 | ENST00000368656  |  cdna:known-ccds chromosome:NCBI36:6:112515367:112530685:1 gene:ENSG00000203778 CCDS34513.1  |
| GIN1  | -1,52 | NM\_017676  | Homo sapiens gypsy retrotransposon integrase 1 (GIN1), mRNA.  |  |  |  |  |
| CCNE2  | -1,52 | NM\_057749  | Homo sapiens cyclin E2 (CCNE2), mRNA.  |  |  |  |  |  |
| GGCX  | -1,52 | NM\_000821  | Homo sapiens gamma-glutamyl carboxylase (GGCX), mRNA.  |  |  |  |  |
| --- | -1,52 | GENSCAN00000046851  |  cdna:Genscan chromosome:NCBI36:12:67322561:67323113:-1  |  |  |  |  |
| ALG10B  | -1,52 | NM\_001013620  | Homo sapiens asparagine-linked glycosylation 10 homolog B (yeast, alpha-1,2-glucosyltransferase) (ALG10B).  |
| PROS1  | -1,52 | NM\_000313  | Homo sapiens protein S (alpha) (PROS1), mRNA.  |  |  |  |  |  |
| SNX24  | -1,52 | BC069012  | Homo sapiens sorting nexin 24, mRNA (cDNA clone MGC:78539 IMAGE:4585781), complete cds.  |  |
| LYRM7  | -1,51 | NM\_181705  | Homo sapiens Lyrm7 homolog (mouse) (LYRM7), mRNA.  |  |  |  |  |
| CFL2  | -1,51 | NM\_138638  | Homo sapiens cofilin 2 (muscle) (CFL2), transcript variant 2, mRNA.  |  |  |  |
| TDGF1  | -1,51 | NM\_003212  | Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), mRNA.  |  |  |  |
| SLC39A8  | -1,51 | NM\_022154  | Homo sapiens solute carrier family 39 (zinc transporter), member 8 (SLC39A8), mRNA.  |  |  |
| --- | -1,51 | GENSCAN00000035250  |  cdna:Genscan chromosome:NCBI36:5:115581618:115581891:-1  |  |  |  |
| SLITRK6  | -1,51 | NM\_032229  | Homo sapiens SLIT and NTRK-like family, member 6 (SLITRK6), mRNA.  |  |  |  |
| RPL31P4  | -1,51 | XR\_018222  | PREDICTED: Homo sapiens ribosomal protein L31 pseudogene 4 (RPL31P4), mRNA.  |  |  |
| STIM2  | -1,50 | NM\_020860  | Homo sapiens stromal interaction molecule 2 (STIM2), mRNA.  |  |  |  |  |
| --- | -1,50 | ENST00000311489  |  cdna:known chromosome:NCBI36:8:82701680:82701739:-1 gene:ENSG00000173078  |  |  |
| OVOS2  | -1,50 | NM\_001080502  | Homo sapiens ovostatin 2 (OVOS2), mRNA.  |  |  |  |  |  |
| FLJ13611  | -1,50 | NR\_003545  | Homo sapiens hypothetical protein FLJ13611 (FLJ13611), transcript variant 4, transcribed RNA.  |   |