treatment Spis\_XP\_022778432\_1 | MARVEL.HG1.25:like:CMTM3/CMTM4/CMTM5/CMTM6/CM... Spis\_XP\_022778432\_1 | MARVEL.HG1.25:like:CMTM3/CMTM4/CMTM5/CMT
Spis\_XP\_022798150\_1 | PDZ.HG7.0:like:PARD6A/PARD6B/PARD6G/Iskcdu:2
Spis\_XP\_022787562\_1 | GPCR-rhodopsin.HG57.1:FSHR/LHCGR/TSHR
Spis\_XP\_022801358\_1 | carbonic\_anhydrase\_2
Spis\_XP\_022801358\_1 | carbonic\_anhydrase\_2
Spis\_XP\_022781966\_1 | RUN\_and\_FYVE\_domain\_containing\_4
Spis\_XP\_022794286\_1 | family\_with\_sequence\_similarity\_124\_member\_A
Spis\_XP\_022786203\_1 | HLH.like:ASCL1/ASCL2
Spis\_XP\_022791920\_1 | solute\_carrier\_family\_46\_member\_1
Spis\_XP\_022791920\_1 | solute\_carrier\_family\_46\_member\_1 Spis\_XP\_022779265\_1 | apoptosis\_inducing\_factor\_mitochondria\_associ...
Spis\_XP\_02279265\_1 | apoptosis\_inducing\_factor\_mitochondria\_associ...
Spis\_XP\_022794004\_1 | GPCR-rhodopsin.HG18.1:NA
Spis\_XP\_022799004\_1 | GPCR-rhodopsin.HG26.0:GPR148
Spis\_XP\_022779730\_1 | cytochrome\_b5\_reductase\_3 Spis\_XP\_022781214\_1 | peroxidasin Spis\_XP\_022796398\_1 | solute\_carrier\_organic\_anion\_transporter\_fami... Spis\_XP\_022806296\_1 | fad\_oxireduct.HG1.2:like:DHCR24:likeclu:4 Spis\_XP\_022778286\_1 | major\_facilitator\_superfamily\_domain\_containi...
Spis\_XP\_022795039\_1 | SAM.HG3.0:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/...
Spis\_XP\_022797868\_1 | ATP\_binding\_cassette\_subfamily\_C\_member\_4
Spis\_XP\_022785465\_1 | tumor\_protein\_p53\_inducible\_protein\_3 Spis\_XP\_022786680\_1 | epithelial\_cell\_transforming\_2\_like Spis\_XP\_022810316\_1 | spondin\_1
Spis\_XP\_022790296\_1 | Collagen.HG16.0:NA
Spis\_XP\_022784241\_1 | hephaestin
Spis\_XP\_022792717\_1 | TIR.HG1.11:like:IL1R1/IL1RAP/IL1RAPL1/IL1RAPL...
Spis\_XP\_022793128\_1 | BMP\_binding\_endothelial\_regulator | Spis\_XP\_0/22/93120\_1 | Divir\_unitding\_endutions\_regulation.
Spis\_XP\_0/22/806984\_1	agrin
Spis\_XP\_0/22/82/256\_1	inositol\_3\_phosphate\_synthase\_1
Spis\_XP\_0/22/85/663\_1	CUB\_and\_zona\_pellucida\_like\_domains\_1
Spis\_XP\_0/22/802148\_1	CVP.HG4.0:CYP11A1/CYP11B1/CYP11B2/CYP24A1/CYP... Spis\_XP\_022804094\_1
Spis\_XP\_022799421\_1 | CYP.HG2.0:CYP3A4/CYP3A43/CYP3A5/CYP3A7/TBXAS1
Spis\_XP\_022800542\_1 | collagen\_type\_VI\_alpha\_3\_chain
Spis\_XP\_022786756\_1 | transmembrane\_protein\_63B
Spis\_XP\_022800559\_1 | selenoprotein\_M Spis\_XP\_022810051\_1 | solute\_carrier\_family\_35\_member\_F3 Spis\_XP\_022788789\_1 | Sugar\_tr.HG1.1:like:SLC22A1/SLC22A2/SLC22A3/S... Spis\_XP\_022800083\_1 | GPCR-rhodopsin.HG6.34:NA Spis\_XP\_022809623\_1 | Lectin\_C.HG4.2:NA Spis\_XP\_022779334\_1 | Collagen.HG2.33:like:COL1A1/COL1A2/COL2A1/COL... Spis\_XP\_022790912\_1 | steroid\_sulfatase Spis\_XP\_022782117\_1 | selenoprotein\_P Spis\_XP\_022786655\_1 | melanotransferrin
Spis\_XP\_022807098\_1 | X\_ray\_repair\_cross\_complementing\_4 Spis\_XP\_022790618\_1 | Frizzled.HG1.12:like:FRZB/FZD1/FZD2/FZD3/FZD4... Spis\_XP\_022800512\_1 | centromere\_protein\_V Spis XP 022791922 1 | RAS like estrogen regulated growth inhibitor Spis\_XP\_022779768\_1 | Tctex1\_domain\_containing\_1 Spis\_XP\_022792919\_1 | Frizzled.HG1.12:like:FRZB/FZD1/FZD2/FZD3/FZD4... Spis\_XP\_022802268\_1 | tyrosinase Spis\_XP\_022778969\_1 | DELTA-thalatoxin-Avl2a-like Spis\_XP\_022803808\_1 | deleted\_in\_malignant\_brain\_tumors\_1 Spis\_XP\_022787895\_1 | tyrosylprotein\_sulfotransferase\_2 Spis\_XP\_022807433\_1 | TGF\_beta.HG1.6:like:AMH/GDF15/INHA/INHBA/INHB... Spis\_XP\_022787156\_1 | apolipoprotein\_D Spis\_XP\_022782720\_1 | granulin\_precursor Spis\_XP\_022792932\_1 | Synaptotagmin.HG3.2:DYSF/MYOF Spis\_XP\_022792545\_1 | serum response factor homolog A-like isoform X1 Spis\_XP\_022779557\_1 | neurogenic locus notch homolog protein 1-like... Spis\_XP\_022793250\_1 | C1q\_and\_TNF\_related\_12 Spis\_XP\_022793250\_1 | C1q\_and\_TNF\_related\_12
Spis\_XP\_022806040\_1 | major\_facilitator\_superfamily\_domain\_containi...
Spis\_XP\_022795420\_1 | Mab\_21\_domain\_containing\_2
Spis\_XP\_022795519\_1 | cyclic\_GMP\_AMP\_synthase
Spis\_XP\_022797333\_1 | GPCR-rhodopsin.HG11.9ilke:GPR176:likeclu:1
Spis\_XP\_022798350\_1 | betaine\_homocysteine\_S\_methyltransferase
Spis\_XP\_022808171\_1 | GPCR-rhodopsin.HG8.33:like:ADORA2B:likeclu:11
Spis\_XP\_022787101\_1 | oncoprotein\_induced\_transcript\_3
Spis\_XP\_02279341\_1 | Mab\_21\_domain\_containing\_2
Spis\_XP\_02279341\_1 | III\_DI\_receptor\_related\_protein\_1 Spis\_XP\_022793617\_1 | LDL\_receptor\_related\_protein\_1 Spis\_XP\_022795995\_1 | Collagen.HG3.8:NA  $\sim$ Spis\_XP\_022808835\_1 | Lectin\_C.HG4.2:NA Spis\_XP\_022808833\_1 | Lectin\_C.HG4.2:NA Spis\_XP\_022795498\_1 | mercaptopyruvate\_sulfurtransferase Spis\_XP\_022806456\_1 | mitochondrial\_elongation\_factor\_1 Spis\_XP\_022796291\_1 | GPCR-rhodopsin.HG33.7:NA Spis\_XP\_022795919\_1 | protein\_kinase\_cGMP\_dependent\_2 Spis\_XP\_0227935951 | I protein\_initiase\_conir\_ueperident\_2
Spis\_XP\_022793668\_1 | agmatinase
Spis\_XP\_022793467\_1 | tripartite\_motif\_containing\_2
Spis\_XP\_022783952\_1 | martix\_metallopeptidase\_13
Spis\_XP\_022798880\_1 | failed\_axon\_connections\_homolog\_metaxin\_like\_.
Spis\_XP\_022800513\_1 | centromere\_protein\_V Spis\_XP\_022795636\_1 | tripartite\_motif\_containing\_33 Spis\_XP\_022799671\_1 | tripartite\_motif\_containing\_45 Spis\_XP\_022803468\_1 | cytochrome\_b5\_type\_B Spis\_XP\_022800704\_1 | N\_acetyltransferase\_1 Spis\_XP\_022794550\_1 | DAZ\_interacting\_zinc\_finger\_protein\_3 XP 022806807 1 TIR HG1 11-lik Spis\_XP\_022787383\_1 | TNF\_receptor\_associated\_factor\_3
 Spis\_XP\_0227970272\_1 | major\_facilitator\_superfamily\_domain\_containi...
 Spis\_XP\_022803190\_1 | HMGbox\_Sox.TFAM  $Spis\_XP\_022803605\_1 \mid calcium\_homeostasis\_modulator\_family\_member\_2$ Spis\_XP\_022786592\_1 | protein FAM26E-like
Spis\_XP\_022807557\_1 | acetylserotonin\_O\_methyltransferase\_like
Spis\_XP\_022795382\_1 | glutamate\_dehydrogenase\_2
Spis\_XP\_022805193\_1 | DEP\_domain\_containing\_7
Spis\_XP\_022784683\_1 | cytidine\_and\_dCMP\_deaminase\_domain\_containing\_1 Spis\_XP\_022788408\_1 | progestin\_and\_adipoQ\_receptor\_family\_member\_5 Spis\_XP\_022787954\_1 | HLH.TFAP4 Spis\_XP\_022796424\_1 | methyltransferase\_like\_27 Spis\_XP\_022796590\_1 | cell\_division\_cycle\_associated\_7\_like Spis\_XP\_022801686\_1 | arrestin\_domain\_containing\_3 Spis\_XP\_022787512\_1 | NACHT\_and\_WD\_repeat\_domain\_containing\_2 Spis\_XP\_022000644 | texpertspace Spis\_XP\_022808681\_1 | fucosyltransferase\_10
Spis\_XP\_022788020\_1 | Mab\_21\_domain\_containing\_2
Spis\_XP\_022782020\_1 | mab\_21\_like\_1
Spis\_XP\_022784673\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter.
Spis\_XP\_022805546\_1 | GPCR-rhodopsin.HG38.1:ADORA2A/GPR22 Spis\_XP\_022805546\_1 | GPCR-rhodopsin.HG38.1:ADORA2A/GPR22
 Spis\_XP\_022805017\_1 | clavaminate synthase-like protein At3g21360
 Spis\_XP\_02296041\_1 | DnaJ\_heat\_shock\_protein\_family\_Hsp40\_member\_C16
 Spis\_XP\_022807506\_1 | FA\_desaturase.HG3.1:SCD5
 Spis\_XP\_022793099\_1 | kelch-like protein 28
 Spis\_XP\_022794511\_1 | sclerostin\_domain\_containing\_1
 Spis\_XP\_022781044\_1 | malonyl\_CoA\_acyl\_carrier\_protein\_transacylase
 Spis\_XP\_022796837\_1 | cystatin\_B
 Spis\_XP\_022802149\_1 | CYP.HG4.0:CYP11A1/CYP11B1/CYP11B2/CYP24A1/CYP...
 Spis\_XP\_022785567\_1 | Spectrin.HG3.0:like:DMD/DRP2/UTRN:likeclu:2
 Spis\_XP\_022799346\_1 | GPCR-rhodopsin.HG6.34:NA Spis\_XP\_022794844\_1 | ATP\_binding\_cassette\_subfamily\_C\_member\_4 Spis\_XP\_022784838\_1 | Spectrin.HG3.0:like:DMD/DRP2/UTRN:likeclu:2 Spis\_XP\_022787516\_1 | NHL\_repeat\_containing\_E3\_ubiquitin\_protein\_li...

Spis\_XP\_022791713\_1 | galactose\_3\_O\_sulfotransferase\_1

Spis\_XP\_022794687\_1 | Homeodomains.ANTP\_HMX1/ANTP\_HMX2/ANTP\_HMX3/AN...

Spis\_XP\_022797120\_1 | GPCR\_rhodopsin.HG74.2:NA

Spis\_XP\_022806709\_1 | sulfotransferase\_family\_1C\_member\_2

Spis\_XP\_022784090\_1 | RRM.HG41.0:RBPMS/RBPMS2

Spis\_XP\_022795186\_1 | CYP.HG1.7:like:CYP1A1/CYP1A2/CYP1B1:likeclu:13 Spis\_XP\_022781440\_1 | serine\_dehydratase Spis\_XP\_022796635\_1 | zinc\_finger\_FYVE\_type\_containing\_27 Spis\_XP\_022790112\_1 | fibronectin.HG2.7:like:AXL/MERTK/NPHS1/ROS1/T... Spis\_XP\_022810407\_1 | sterol\_dehydrogenase.HG2.4:AL049779/DHRS13/DH... Spis\_XP\_022784143\_1 | thiopurine\_S\_methyltransferase  $\label{eq:spin} Spis\_XP\_022797743\_1 \mid golgin \ subfamily \ B \ member \ 1-like \\ Spis\_XP\_022800284\_1 \mid phosphoribosyl\_pyrophosphate\_synthetase\_assoc...$ Spis\_XP\_022802485\_1 | peptidase\_M20\_domain\_containing\_2 Spis\_XP\_022808730\_1 | tryptophan\_2\_3\_dioxygenase Spis\_XP\_022796567\_1 | ankyrin\_repeat\_domain\_46
Spis\_XP\_0227802087\_1 | DNA\_replication\_and\_sister\_chromatid\_cohesion\_1
Spis\_XP\_022786692\_1 | creatine\_kinase\_B Spis\_XP\_022793765\_1 | integumentary mucin C.1-like Spis\_XP\_022786014\_1 | Sarcoglycan.HG1.1:SGCD/SGCG/SGCZ Spis\_XP\_022808176\_1 | PDZ.HG10.0:like:AFDN:likeclu:1 Spis\_XP\_022808707\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022790012\_1 | calponin\_1 Spis\_XP\_022791734\_1 | sterol\_dehydrogenase.HG1.19:DHRS2/DHRS4/DHRS4L2 Spis\_XP\_022778966\_1 cyclic\_nucleotide\_binding\_domain\_containing\_2
Spis\_XP\_022801827\_1 RNA\_2\_3\_cyclic\_phosphate\_and\_5\_OH\_ligase
Spis\_XP\_022783145\_1 D\_glutamate\_cyclase
Spis\_XP\_022783317\_1 nucleoredoxin\_like\_2
Spis\_XP\_022797641\_1 serpin\_family\_B\_member\_1 Spis\_XP\_022790299\_1 | ectonucleotide\_pyrophosphatase\_phosphodiester... Spis\_XP\_022808827\_1 | CYP.HG1.27:like:CYP17A1/CYP21A2:likeclu:16 Spis\_XP\_022794494\_1 | meiotic\_double\_stranded\_break\_formation\_prote...
Spis\_XP\_022791276\_1 | poly\_ADP\_ribose\_glycohydrolase
Spis\_XP\_022805226\_1 | Sugar\_tr.HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S... Spis\_XP\_022800385\_1 | MAM\_and\_LDL\_receptor\_class\_A\_domain\_containing\_1  $Spis\_XP\_022797081\_1 \mid papilin\_proteoglycan\_like\_sulfated\_glycoprotein \\ Spis\_XP\_022779066\_1 \mid DELTA-alicitoxin-Pse2b-like$ Spis\_XP\_022799980\_1 | Laminin.HG4.5:NA Spis\_XP\_022790136\_1 | thrombospondin\_1 Spis\_XP\_022799605\_1 | Lectin\_C.HG5.11:like:DGCR2:likeclu:1 Spis\_XP\_022791745\_1 | GLI\_pathogenesis\_related\_2  $Spis\_XP\_022787941\_1 \mid endothelin\_converting\_enzyme\_2 \\ Spis\_XP\_022807232\_1 \mid kringle\_containing\_transmembrane\_protein\_1$ Spis\_XP\_022783895\_1 | adhesion\_G\_protein\_coupled\_receptor\_L3 Spis XP 022806650 1 | Collagen.HG11.2:NA Spis\_XP\_022806650\_1 | Collagen.HG11.2:NA
 Spis\_XP\_022796188\_1 | collagen\_type\_XXII\_alpha\_1\_chain
 Spis\_XP\_022785880\_1 | vegetative cell wall protein gp1-like
 Spis\_XP\_022806666\_1 | eva\_1\_homolog\_C
 Spis\_XP\_022788575\_1 | aspartate, glycine, lysine and serine-rich pr...
 Spis\_XP\_022797817\_1 | flocculation protein FLO11-like
 Spis\_XP\_022798678\_1 | endoplasmic\_reticulum\_aminopeptidase\_1
 Spis\_XP\_022790819\_1 | Laminin.HG4.3:NA
 Spis\_XP\_022797403\_1 | leucine-rich repeat extensin-like protein 3
 Spis\_XP\_022806661\_1 | Collagen.HG11.1:NA Spis\_XP\_022806671\_1 | Collagen.HG11.1:NA
Spis\_XP\_022807675\_1 | basic proline-rich protein-like Spis\_XP\_022790199\_1 | mucin-2-like Spis\_XP\_022801123\_1 | tauropine dehydrogenase-like Spis\_XP\_022793988\_1 | COesterase.HG1.8:like:NLGN1/NLGN2/NLGN3/NLGN4... Spis\_XP\_022778881\_1 | ankyrin\_repeat\_domain\_22 Spis\_XP\_022792216\_1 | GPCR-rhodopsin.HG16.9:NA Spis\_XP\_022780848\_1 | amine\_oxidase\_copper\_containing\_1
Spis\_XP\_022795140\_1 | CUB\_and\_zona\_pellucida\_like\_domains\_1
Spis\_XP\_022785544\_1 | Spectrin.HG3.0:like:DMD/DRP2/UTRN:likeclu:2 Spis\_XP\_022792363\_1 | Lectin\_C.HG5.10:like:DGCR2:likeclu:1 Spis\_XP\_022783671\_1 | protein DD3-3-like Spis\_XP\_022797123\_1 | NCam.HG4.10:NA Spis\_XP\_022783669\_1 | protein DD3-3-like isoform X1 Spis\_XP\_022780695\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter... Spis\_XP\_022798608\_1 | LinkerHistone.HG1.5:like:HP1BP3/SHPRH:likeclu... Spis\_XP\_022804905\_1 | harbinger\_transposase\_derived\_1 Spis\_XP\_022808892\_1 | Lectin\_C.HG4.2:NA Spis\_XP\_022800603\_1 | mitochondrial\_elongation\_factor\_1 Spis\_XP\_022804134\_1 | poly\_ADP\_ribose\_polymerase\_family\_member\_14 Spis\_XP\_022808100\_1 | calponin homology domain-containing protein D... Spis\_XP\_022798180\_1 | mab\_21\_like\_3 Spis\_XP\_022786249\_1 | proprotein\_convertase\_subtilisin\_kexin\_type\_6 Spis XP 022794476 1 | protein PFC0760c-like isoform X7  $\label{eq:spis_XP_022786118_1} Spis_XP_022797582_1 \ | \ signal_peptide_CUB_domain_and_EGF_like_domain...$ Spis XP 022806395 1 | hemicentin 1 Spis\_XP\_022795966\_1 | guanylate\_binding\_protein\_4 Spis\_XP\_022808525\_1 | cyclic GMP-AMP synthase-like Spis\_XP\_022786049\_1 | caspase\_recruitment\_domain\_family\_member\_10 Spis\_XP\_022785288\_1 | mab\_21\_like\_3 Spis\_XP\_022803803\_1 | deleted\_in\_malignant\_brain\_tumors\_1 Spis\_XP\_022787439\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022808259\_1 | Mab\_21\_domain\_containing\_2  $Spis\_XP\_022780216\_1 \mid protein\_phosphatase\_1\_regulatory\_subunit\_13\_like$ Spis\_XP\_022790458\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022795476\_1 | zinc\_finger\_DHHC\_type\_palmitoyltransferase\_13 Ω Spis\_XP\_022798437\_1 | peroxidasin Spis\_XP\_022800197\_1 | mab\_21\_like\_1 Spis\_XP\_022784635\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter... Spis XP 022804589 1 | mab 21 like 1 Spis\_XP\_022808349\_1 | mab\_21\_like\_2 Spis\_XP\_022797813\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022779765\_1 | mab\_21\_like\_3 Spis\_XP\_022795088\_1 | cyclic\_GMP\_AMP\_synthase Spis\_XP\_022800959\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022787007\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022806616\_1 | cyclic\_GMP\_AMP\_synthase Spis\_XP\_022808355\_1 | cyclic GMP-AMP synthase-like
Spis\_XP\_022780981\_1 | zinc\_finger\_NFX1\_type\_containing\_1
Spis\_XP\_022797212\_1 | TNF\_receptor\_associated\_factor\_2
Spis\_XP\_022807352\_1 | TNF\_receptor\_associated\_factor\_5
Spis\_XP\_022791402\_1 | probable serine/threonine-protein kinase DDB\_... Spis\_XP\_022808348\_1 | cyclic\_GMP\_AMP\_synthase Spis\_XP\_022795430\_1 | TNFAIP3-interacting protein 3-like isoform X2 Spis\_XP\_022782960\_1 | Mab\_21\_domain\_containing\_2 Spis\_XP\_022789286\_1 | FGF.HG1.39:like:FGF8/FGF17/FGF18:likeclu:34 Spis\_XP\_022797414\_1 | Integrin\_alpha.HG1.1:like:ITGA1/ITGA2/ITGA2B/...
Spis\_XP\_022783992\_1 | prostaglandin\_endoperoxide\_synthase\_2 Spis\_XP\_022795056\_1 | mitochondrial\_elongation\_factor\_1 Spis\_XP\_022803684\_1 | mitochondrial\_elongation\_factor\_1 Spis\_XP\_022803353\_1 | alternative oxidase, mitochondrial-like Spis\_XP\_022792109\_1 | Frizzled.HG1.12:like:FRZB/FZD1/FZD2/FZD3/FZD4... Spis\_XP\_022796880\_1 | pyruvate\_kinase\_M1\_2 Spis\_XP\_022793426\_1 | tyrosine\_3\_monooxygenase\_tryptophan\_5\_monooxy... Spis\_XP\_022795453\_1 | placenta\_associated\_8 - Spis\_XP\_022779345\_1 | collagen\_type\_XIV\_alpha\_1\_chain - Spis\_XP\_022807443\_1 | proteoglycan 4-like - Spis\_XP\_022799386\_1 | scavenger\_receptor\_class\_B\_member\_2 - Spis\_XP\_022800445\_1 | ATP\_binding\_cassette\_subfamily\_C\_member\_4 - Spis\_XP\_022784982\_1 | DBH-like\_monooxygenase\_protein\_2 homolog Spis\_XP\_022795601\_1 | Collagen.HG1.1:like:COLEC10/COLEC11/GLDN:like...
Spis\_XP\_022810220\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... Spis\_XP\_022810220\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/F
 Spis\_XP\_022798953\_1 | collagen alpha=1(IV) chain-like
 Spis\_XP\_022798958\_1 | Collagen.HG6.0:NA
 Spis\_XP\_022793185\_1 | nucleoporin\_98\_and\_96\_precursor
 Spis\_XP\_022807665\_1 | renin\_binding\_protein
 Spis\_XP\_022807665\_1 | replication\_factor\_C\_subunit\_4
 Spis\_XP\_022806507\_1 | CYP.HG1.304:like:CYP17A1/CYP21A2:likeclu:16
 Spis\_XP\_022807257\_1 | mitofusin\_2
 Spis\_XP\_022787450\_1 | protein rolling stone-like
 Spis\_XP\_022807814 | tripartite motif\_containing\_2 Spis\_XP\_022800808\_1 | tripartite\_motif\_containing\_2
 Spis\_XP\_022808265\_1 | thiopurine\_S\_methyltransferase
 Spis\_XP\_022797462\_1 | NAD\_kinase Spis\_XP\_022780690\_1 | skeletal aspartic acid\_rich protein 2-like

Spis\_XP\_022799531\_1 | crumbs\_cell\_polarity\_complex\_component\_1

Spis\_XP\_022789665\_1 | ion=NaKCa.HG5.0:TRPC1/TRPC3/TRPC4/TRPC5/TRPC6... Spis\_XP\_022790633\_1 | aldo\_keto\_reductase\_family\_7\_member\_A2 Spis\_XP\_022784146\_1 | anoctamin\_3 Spis\_XP\_022791704\_1 | CYP.HG4.0:CYP11A1/CYP11B1/CYP11B2/CYP24A1/CYP... Spis\_XP\_022786105\_1 | iduronate\_2\_sulfatase Spis\_XP\_022800103\_1 | WD\_repeat\_domain\_54 Spis\_XP\_022796115\_1 | SAM.HG1.26:like:SAMD10/SAMD12:likeclu:25 Spis\_XP\_022782799\_1 | FAD\_dependent\_oxidoreductase\_domain\_containing\_1 Spis\_XP\_022807081\_1 | CYP.HG1.14:like:CYP17A1/CYP21A2:likeclu:16 Spis\_XP\_022785669\_1 | acyl\_CoA\_synthetase\_rAnt/CYPZ1AZ:likeciu:16
Spis\_XP\_022785669\_1 | acyl\_CoA\_synthetase\_short\_chain\_family\_member\_3
Spis\_XP\_022784348\_1 | acylaminoacyl\_peptide\_hydrolase
Spis\_XP\_022806777.1 | sugar\_tr-HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S...
Spis\_XP\_022797575\_1 | agmatinase
Spis\_XP\_022801764\_1 | N\_acetylneuraminate\_pyruvate\_lyase 9 Spis\_XP\_022787005\_1 | prolyl\_4\_hydroxylase\_transmembrane Spis\_XP\_022779460\_1 | chromosome\_22\_open\_reading\_frame\_15 Spis\_XP\_022796017\_1 | FA\_desaturase.HG4.2:NA Spis\_XP\_022794122\_1 | galaxin-like isoform X2 normalized treatment Spis XP 022780783 1 | folate hydrolase Spis\_XP\_022806699\_1 | Collagen.HG6.1:NA expression cApUp Spis\_XP\_022808428\_1 | cyclin\_D2 Spis\_XP\_022786614\_1 | TIMP\_metallopeptidase\_inhibitor\_3 4 cGAMP Spis\_XP\_022793018\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... control Spis\_XP\_022784034\_1 | maltase\_glucoamylase Spis\_XP\_022801160\_1 | zf-C2H2.KLF15 Spis\_XP\_022803939\_1 | dickkopf\_WNT\_signaling\_pathway\_inhibitor\_3 gene Spis\_XP\_022795160\_1 | Pkinase.HG2.13:TEK/TIE1

Spis\_XP\_022806681\_1 | Collagen.HG4.3:CCBE1/COLEC12/SCARA3

Spis\_XP\_022786943\_1 | prolyl\_4\_hydroxylase\_transmembrane

Spis\_XP\_022792926\_1 | Synaptotagmin.HG3.2:DYSF/MYOF set cGLR STING Spis\_XP\_022781500\_1 | syniaption\_light\_chain\_1
 Spis\_XP\_022781500\_1 | myosin\_light\_chain\_1
 Spis\_XP\_022799787\_1 | minichromosome\_maintenance\_complex\_component\_4
 Spis\_XP\_022791169\_1 | minichromosome\_maintenance\_complex\_component\_7
 Spis\_XP\_022805087\_1 | minichromosome\_maintenance\_complex\_component\_2
 Spis\_XP\_022784329\_1 | minichromosome\_maintenance\_complex\_component\_5 pval<0.01 Spis\_XP\_022798959\_1 | Collagen.HG6.0:NA · < 0.01 Spis\_XP\_022800814\_1 | calpain\_3 Spis\_XP\_022810518\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... Spis\_XP\_022792317\_1 | HMGbox\_Sox.like:BHMG1/SOX1/SOX2/SOX3/SOX14/SO... Spis\_XP\_022784675\_1 | uromodulin Spis XP 022782610 1 | SSF.HG2.7:like:SLC5A3:likeclu:6 Spis\_XP\_022795055\_1 | CYP.HG1.16:CVP17A1/CYP21A2 Spis\_XP\_022805865\_1 | COesterase.HG1.11:like:NLGN1/NLGN2/NLGN3/NLGN... Spis\_XP\_022779493\_1 | dermatan\_sulfate\_epimerase\_like Spis\_XP\_022804460\_1 | RASD\_family\_member\_2 Spis\_XP\_022800953\_1 | arachidonate\_5\_lipoxygenase Spis\_XP\_022801302\_1 | ATP\_binding\_cassette\_subfamily\_C\_member\_4  $\label{lem:spis_xp_022791195_1} $$ Spis_XP_022791195_1 \mid RAP2B_member_of_RAS_oncogene\_family $$ Spis_XP_022804023_1 \mid Homeodomains.ANTP_HOXA2/ANTP_HOXA3/ANTP_HOXB2...$$ The spis_XP_022804023_1 \mid Homeodomains.ANTP_HOXA2/ANTP_HOXA3/ANTP_HOXB2...$$ $$ Spis_XP_022804023_1 \mid Homeodomains.ANTP_HOXA2/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXB2...$$ $$ Spis_XP_022804023_1 \mid Homeodomains.ANTP_HOXA2/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3/ANTP_HOXA3$ Spis\_XP\_022804742\_1 | fibrinogen\_like\_1 Spis\_YP\_002149710\_1 | NADH dehydrogenase subunit 4L (mitochondrion)
Spis\_YP\_002149711\_1 | mitochondrially\_encoded\_NADH\_ubiquinone\_oxido...
Spis\_XP\_022787167\_1 | tyrosinase
Spis\_XP\_022808793\_1 | repellent protein 1-like
Spis\_XP\_022783886\_1 | matrix\_metallopeptidase\_19 Spis\_XP\_022797688\_1 | transmembrane\_serine\_protease\_6 Spis\_XP\_022790678\_1 | AE\_binding\_protein\_1 Spis\_XP\_022783887\_1 | matrix\_metallopeptidase\_3 Spis\_XP\_022792027\_1 | transmembrane\_serine\_protease\_3 Spis\_XP\_022808624\_1 | transmembrane\_serine\_protease\_6 Spis\_XP\_022808624\_1 | transmembrane\_serine\_protease\_6 |
Spis\_XP\_022795803\_1 | transmembrane\_serine\_protease\_6 |
Spis\_XP\_022798198\_1 | hexosaminidase\_subunit\_alpha |
Spis\_XP\_022798198\_1 | chymotrypsin\_like |
Spis\_XP\_022803819\_1 | chymotrypsin\_like\_elastase\_3A |
Spis\_XP\_022804535\_1 | chymotrypsin\_gen\_B2 |
Spis\_XP\_022804535\_1 | chymotrypsin\_like |
Spis\_XP\_022803814\_1 | chymotrypsin\_like |
Spis\_XP\_022803815\_1 | chymotrypsin\_like |
Spis\_XP\_02280315\_1 | chymotrypsin\_like |
Spis\_XP\_022807103\_1 | tolloid\_like\_1 |
Spis\_XP\_022797697\_1 | GLL\_pathogenesis\_related\_2 |
Spis\_XP\_022797695\_1 | serine\_protease\_1 |
Spis\_XP\_022797695\_1 | serine\_protease\_1 |
Spis\_XP\_022797695\_1 | chitinase\_1 |
Spis\_XP\_022797695\_1 | plasminogen |
Spis\_XP\_022797695\_1 | plasminogen |
Spis\_XP\_022797695\_1 | chymotrypsin\_like | Spis\_XP\_022804556\_1 | chymotrypsin\_like Spis\_XP\_022792901\_1 | solute\_carrier\_family\_39\_member\_10 Spis\_XP\_022777738\_1 | uromodulin Spis\_XP\_022798486\_1 | GPCR-rhodopsin.HG22.1:NA Spis\_XP\_022810127\_1 | GPCR-rhodopsin.HG33.11:NA Spis\_XP\_022807872\_1 | tolloid\_like\_1 Spis\_XP\_022798683\_1 | galaxin-2-like Spis\_XP\_022796009\_1 | XK\_related\_7
Spis\_XP\_022782083\_1 | signal\_peptide\_CUB\_domain\_and\_EGF\_like\_domain...
Spis\_XP\_022782080\_1 | sushi\_von\_Willebrand\_factor\_type\_A\_EGF\_and\_pe...
Spis\_XP\_022789220\_1 | Patched.HG2.3:NA Spis\_XP\_022781621\_1 | TIR.HG1.11:like:Ll1R1/Ll1RAP/LL1RAPL1/LL1RAPL...
Spis\_XP\_022783801\_1 | Fas\_cell\_surface\_death\_receptor
Spis\_XP\_022796814\_1 | Pkinase.HG19.3:NA Spis\_XP\_022804986\_1 | TNF\_receptor\_associated\_factor\_3 Spis\_XP\_022795893\_1 | poly\_ADP\_ribose\_polymerase\_family\_member\_14 Spis\_XP\_022777815\_1 | E3 ubiquitin-protein ligase rnf213-alpha-like Spis\_XP\_022810191\_1 | small\_glutamine\_rich\_tetratricopeptide\_ Spis\_XP\_022804218\_1 | adipocyte\_plasma\_membrane\_associated\_protein Spis\_XP\_022810074\_1 | tumor necrosis factor receptor superfamily me... Spis\_XP\_022807613\_1 | cyclic\_GMP\_AMP\_synthase Spis\_XP\_022792048\_1 | polypeptide\_N\_acetylgalactosaminyltransferase\_6 Spis\_XP\_022807093\_1 | fad\_oxireduct.HG1.7:like:DHCR24:likeclu:4 Spis\_XP\_022802763\_1 | heat\_shock\_protein\_family\_A\_Hsp70\_member\_12A Spis\_XP\_022808334\_1 | GPCR-rhodopsin.HG9.17:NA Spis\_XP\_022810218\_1 | Synaptotagmin.HG15.0:PLA2G4A Spis\_XP\_022782153\_1 | glucokinase  $Spis\_XP\_022780554\_1 \stackrel{.}{|} Abelson\_helper\_integration\_site\_1$ Spis\_XP\_022795051\_1 | angiopoietin\_like\_7  $Spis\_XP\_022799677\_1 \mid signal\_peptide\_CUB\_domain\_and\_EGF\_like\_domain...$ Spis\_XP\_022784736\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... Spis\_XP\_022786290\_1 | proprotein\_convertase\_subtilisin\_kexin\_type\_4 Spis\_XP\_022795525\_1 | NADPH\_oxidase\_4 Spis\_XP\_022807324\_1 | integral\_membrane\_protein\_2C Spis\_XP\_022804688\_1 | von\_Willebrand\_factor\_D\_and\_EGF\_domains Spis\_XP\_022808243\_1 | EGF\_like\_repeats\_and\_discoidin\_domains\_3 Spis\_XP\_022777477\_1 | TLD domain-containing protein 1-like Spis\_XP\_022808994\_1 | Lectin\_C.HG4.2:NA Spis\_XP\_022778006\_1 | signal\_peptide\_CUB\_domain\_and\_EGF\_like\_domain...
Spis\_XP\_022808997\_1 | Lectin\_C.HG4.2:NA
Spis\_XP\_022797687\_1 | hemicentin\_1
Spis\_XP\_022804741\_1 | hemicentin\_1 Spis\_XP\_022785891\_1 | BMI1\_proto\_oncogene\_polycomb\_ring\_finger Spis\_XP\_022807580\_1 | von\_Willebrand\_factor\_A\_domain\_containing\_7 Spis\_XP\_022800590\_1 | cysteine\_and\_serine\_rich\_nuclear\_protein\_1 Spis\_XP\_022806903 | tystenie\_and\_senire\_inti\_nuclear\_protein\_i
Spis\_XP\_022786637\_1 | TIMP\_metallopeptidase\_inhibitor\_3
Spis\_XP\_022805023\_1 | wnt.HG1.10:like:\WNT1\WNT2\WNT2B\WNT3\WNT3A\WN...
Spis\_XP\_022807769\_1 | ficolin\_2
Spis\_XP\_022785965\_1 | major\_facilitator\_superfamily\_domain\_containi... Spis\_XP\_022795099\_1 | phosphatidylcholine\_transfer\_protein Spis\_XP\_022787501\_1 | GPCR-rhodopsin.HG25.14:NA Spis\_XP\_022795912\_1 | protein phosphatase 1 regulatory subunit 27-like
Spis\_XP\_022802298\_1 | Pkinase.HG11.0:NA
Spis\_XP\_022802298\_1 | alpha\_1\_microglobulin\_bikunin\_precursor
Spis\_XP\_022805104\_1 | Collagen.HG1.18:like:FCN1/MSR1/SCARA5:likeclu:15
Spis\_XP\_022807759\_1 | angiopoietin\_like\_7
Spis\_XP\_022783270\_1 | fibronectin.HG4.1:like:ELSPBP1:likeclu:0 Spis\_XP\_022780504\_1 | hemicentin\_2 Spis\_XP\_022780504\_1 | hemicentin\_2 Spis\_XP\_022799707\_1 | Collagen.HG1.1:like:COLEC10/COLEC11/GLDN:like... Spis\_XP\_022787910\_1 | mannose\_receptor\_C\_type\_2 Spis\_XP\_022802825\_1 | angiopoietin\_like\_6 Spis\_XP\_022806864\_1 | Collagen.HG3.7:NA Spis\_XP\_022804878\_1 | collagen\_type\_XIV\_alpha\_1\_chain Spis\_XP\_022794589\_1 | angiopoietin\_like\_7 Spis\_XP\_022807760\_1 | fibrinogen\_like\_2 Spis\_XP\_022804603\_1 | Collagen.HG3.7:NA Spis\_XP\_022803130\_1 | angiopoietin\_like\_7  $\label{eq:spis_xp_022810122_1|fibrinogen_like_2} Spis_XP_022810124_1 \ | \ angiopoietin_2 \\ Spis_XP_022784735_1 \ | \ Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2...$ Spis XP 022799949 1 | angiopoietin like 7  $Spis\_XP\_022794740\_1 \mid GPCR-rhodopsin.HG33.5:NA$ Spis\_XP\_022793144\_1 | tripartite\_motif\_containing\_2 Spis XP 022787964 1 | NCam.HG3.10:like:MFAP3L:likeclu:3 Spis\_XP\_022805387\_1 | Collagen.HG1.1:like:COLEC10/COLEC11/GLDN:like... Spis\_XP\_022795602\_1 | CUB\_and\_Sushi\_multiple\_domains\_3 Spis\_XP\_022795602\_1 | CUB\_and\_Sushi\_multiple\_domains\_3 | Spis\_XP\_022805400\_1 | sterol\_dehydrogenase.HG1.28:like:DCXX:likeclu:22 | Spis\_XP\_022805844\_1 | LOW QUALITY PROTEIN: laccase-5-like | Spis\_XP\_022805824\_1 | Sugar\_tr.HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S... | Spis\_XP\_022797785\_1 | uromodulin | Spis\_XP\_022801359\_1 | carbonic\_anhydrase\_2 | Spis\_XP\_022787224\_1 | Lectin\_C.HG4.2:NA | Spis\_XP\_022806679\_1 | Sugar\_tr.HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S... Spis\_XP\_022779133\_1 | solute\_carrier\_family\_1\_member\_2
Spis\_XP\_022780192\_1 | Synaptotagmin.HG1.39:like:SYT1/SYT2/SYT3/SYT4...
Spis\_XP\_022799917\_1 | GPCR-rhodopsin.HG6.34:NA
Spis\_XP\_022791673\_1 | wnt.HG1.19:WNT6 Spis\_XP\_022782385\_1 | LOW QUALITY PROTEIN: unconventional myosin–XV... Spis\_XP\_022794137\_1 | GPCR-rhodopsin.HG8.33:like:ADORA2B:likeclu:11 Spis\_XP\_022781222\_1 | GPCR-rhodopsin.HG14.4:NA Spis\_XP\_022785513\_1 | wnt.HG1.1:like:WNT8A/WNT8B:likeclu:2 Spis\_XP\_022800806\_1 | fibronectin.HG8.4:like:SNED1:likeclu:5 Spis\_XP\_022793023\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... Spis\_XP\_022794162\_1 | major\_facilitator\_superfamily\_domain\_containi... Spis\_XP\_022787864\_1 | Ldl\_recept\_b.HG1.8:like:EGF/LDLR/LRP1/LRP1B/L... Spis\_XP\_022810238\_1 | SAM.HG3.0:like:ANKS1A/ANKS1B/CASKIN1/CASKIN2/...  $\infty$ Spis\_XP\_022809053\_1 | selenium\_binding\_protein\_1 Spis\_XP\_022799083\_1 | Lectin\_C.HG4.2:NA
Spis\_XP\_02277911\_1 | Lectin\_C.HG4.2:NA
Spis\_XP\_022799088\_1 | Lectin\_C.HG4.2:NA
Spis\_XP\_022800802\_1 | fibronectin.HG8.9:like:SNED1:likeclu:5
Spis\_XP\_022787367\_1 | TGF\_beta.HG1.25:like:INHA/INHBA/INHBB/INHBC/I... Spis XP\_022793814\_1 | leucine-rich repeat-containing protein 4C-lik Spis\_XP\_022800078\_1 | sterol\_dehydrogenase.HG1.17:like:DCXR/DHRS11/... Spis\_XP\_022786230\_1 | Collagen.HG8.4:NA Spis\_XP\_022786520\_1 | glutamate\_decarboxylase\_like\_1 — Spis\_XP\_022760520\_1 | glutalitate\_uecalouxytase\_ine\_1
— Spis\_XP\_022778950\_1 | lysine\_demethylase\_1B
— Spis\_XP\_022806676\_1 | Sugar\_tr.HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S...
— Spis\_XP\_022806326\_1 | CUB\_and\_zona\_pellucida\_like\_domains\_1
— Spis\_XP\_022790998\_1 | branched\_chain-amino-acid aminotransferase-li... Spis\_XP\_022786561\_1 | cartilage\_intermediate\_layer\_protein Spis\_XP\_022796963\_1 | EGF\_like\_repeats\_and\_discoidin\_domains\_3 Spis\_XP\_022779255\_1 | Collagen.HG2.31:like:COL1A1/COL1A2/COL2A1/COL... Spis\_XP\_022779335\_1 | Collagen.HG2.31:like:COL1A1/COL1A2/COL2A1/COL... Spis\_XP\_022810165\_1 | DAZ\_interacting\_zinc\_finger\_protein\_3  $\label{eq:spis_XP_022790575_1} $$ BTB.HG1.21:like:AL033529/BACH1/BACH2/BCL6/BCL... Spis_XP_022803668_1 | mitochondrial_elongation_factor_1 Spis_XP_022783595_1 | sushi_domain_containing_2 $$$ Spis\_XP\_022795087\_1 | mitochondrial\_elongation\_factor\_1
Spis\_XP\_022784636\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter...
Spis\_XP\_022784703\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter...
Spis\_XP\_022784637\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter...
Spis\_XP\_022809869\_1 | guanylate\_binding\_protein\_7
Spis\_XP\_022807487\_1 | upiquitin\_conjugating\_enzyme\_E2\_D1 Spis\_XP\_022807466\_1 | ubiquitin\_B Spis\_XP\_022784639\_1 | stimulator\_of\_interferon\_response\_cGAMP\_inter... Spis\_XP\_022801879\_1 | TNF\_receptor\_associated\_factor\_2 Spis\_XP\_022797194\_1 | TNF\_receptor\_superfamily\_member\_19
Spis\_XP\_022801909\_1 | heat\_shock\_protein\_family\_A\_Hsp70\_member\_12A Spis\_XP\_022795231\_1 | failed\_axon\_connections\_homolog\_metaxin\_like\_... Spis\_XP\_022795242\_1 | failed\_axon\_connections\_homolog\_metaxin\_like\_... Spis\_XP\_022810073\_1 | tumor necrosis factor receptor superfamily me... 0 Spis\_XP\_022792312\_1 | interleukin\_4\_induced\_1 Spis\_XP\_022799694\_1 | HLH.BHLHA15 Spis\_XP\_022797344\_1 | Collagen.HG6.0:NA Spis\_XP\_022782678\_1 | galaxin-like Spis\_XP\_022808891\_1 | Collagen.HG1.0:like:COLEC10/COLEC11/FCN1/FCN2... Spis\_XP\_022799542\_1 | hemicentin\_1 Spis\_XP\_022782129\_1 | sorcin Spis\_XP\_022793983\_1 | N\_ace Spis\_XP\_022784454\_1 | Pkinase.HG86.1:IKBKE/TBK1
Spis\_XP\_022805570\_1 | TNF\_receptor\_associated\_factor\_5 Spis\_XP\_022777771\_1 | tetratricopeptide\_repeat\_domain\_28 Spis\_XP\_022791600\_1 | stress\_induced\_phosphoprotein\_1 Spis\_XP\_022799238\_1 | mab\_21\_like\_1 Spis\_XP\_022807459\_1 | ubiquitin\_B Spis\_XP\_022778125\_1 | FGF.HG1.9:like:FGF8/FGF17/FGF18:likeclu:34 Spis\_XP\_022784472\_1 | ras\_homolog\_family\_member\_C
Spis\_XP\_022806293\_1 | TNF\_receptor\_superfamily\_member\_19
Spis\_XP\_022807488\_1 | nidogen\_1
Spis\_XP\_022807488\_1 | nidogen\_1
Spis\_XP\_022785096\_1 | sterol\_dehydrogenase.HG2.0:like:AL049779/DHRS...
Spis\_XP\_022807111\_1 | macrophage\_expressed\_1
Spis\_XP\_022794081\_1 | CYP.HG1.7:like:CYP1A1/CYP1A2/CYP1B1:likeclu:13
Spis\_XP\_022788034\_1 | TIMP\_metallopeptidase\_inhibitor\_3
Spis\_XP\_022806467\_1 | protein rolling stone\_like Spis\_XP\_022784353\_1 | matrix\_metallopeptidase\_15 Spis\_XP\_022788743\_1 | peroxidasin homolog Spis\_XP\_022799155\_1 | noggin Spis\_XP\_022793643\_1 | alpha\_1\_6\_mannosylglycoprotein\_6\_beta\_N\_acety... Spis\_XP\_022800066\_1 | phosphoenolpyruvate\_carboxykinase\_2\_mitochond... Spis\_XP\_022800066\_1 | phosphoenolpyruvate\_carboxykinase\_2\_mitochond...
Spis\_XP\_022807181\_1 | glutathione\_peroxidase\_7
Spis\_XP\_022798340\_1 | SUMO1\_activating\_enzyme\_subunit\_1
Spis\_XP\_022798238\_1 | lactate\_dehydrogenase\_A
Spis\_XP\_022803624\_1 | wiskott-Aldrich syndrome protein family membe...
Spis\_XP\_022804270 | Collagen\_HG10.2:NA
Spis\_XP\_022805022\_1 | protein\_disulfide\_isomerase\_family\_A\_member\_3
Spis\_XP\_022797425\_1 | leucine\_rich repeat extensin-like protein 3
Spis\_XP\_022797426\_1 | vegetative cell wall protein gp1-like
Spis\_XP\_022797426\_1 | vegetative cell wall protein gp1-like
Spis\_XP\_022797497\_1 | LOW QUALITY PROTEIN: DELTA-thalatoxin-Avl2a-like
Spis\_XP\_0228036379\_1 | cadherin\_EGF\_LAG\_seven\_pass\_G\_type\_receptor\_2
Spis\_XP\_022803638\_1 | formin-like protein 5
Spis\_XP\_022804287\_1 | Collagen.HG10.2:NA
Spis\_XP\_022779065\_1 | ovochymase\_1
Spis\_XP\_022789498\_1 | spidroin-1-like isoform X2
Spis\_XP\_022781799\_1 | glycine\_rich protein 23-like isoform X7 Spis\_XP\_022781799\_1 | glycine\_rich protein 23\_like isoform X7 Spis\_XP\_022796493\_1 | skin secretory protein xP2\_like Spis\_XP\_022803626\_1 | vegetative cell wall protein gp1-like isoform X2 Spis\_XP\_022806664\_1 | Collagen.HG11.3:NA Spis\_XP\_022779882\_1 | dickkopf-related protein 3-like Spis\_XP\_022789525\_1 | keratin-associated protein 10-6-like Spis\_XP\_022787406\_1 | vegetative cell wall protein gp1-like Spis\_XP\_022805384\_1 | von\_Willebrand\_factor\_A\_domain\_containing\_2 Spis\_XP\_022783827\_1 | mucin-7-like  $\label{eq:spin_containing_10A} Spis\_XP\_022783869\_1 \mid C\_type\_lectin\_domain\_containing\_10A\\ Spis\_XP\_022795998\_1 \mid Lectin\_C.HG10.3:NA\\ Spis\_XP\_022797314\_1 \mid Collagen.HG2.29:like:COL6A1/COL6A2/COL6A3/COL...$ Spis\_XP\_022792467\_1 | aquaporin\_3\_Gill\_blood\_group\_ Spis\_XP\_022786717\_1 | sortilin\_related\_receptor\_1 Spis\_XP\_022790471\_1 | Sugar\_tr.HG5.1:NA Spis\_XP\_022777516\_1 | Ephrin.HG1.0:AL691442/EFNA1/EFNA2/EFNA3/EFNA4...  $Spis\_XP\_022779906\_1 \mid dickkopf-related \ protein \ 3-like \\ Spis\_XP\_022800599\_1 \mid mediator \ of \ RNA \ polymerase \ II \ transcription \ s...$ Spis\_XP\_022790518\_1 | Homeodomains.PRD\_DUX4/PRD\_DUXA/PRD\_DUXB Spis\_XP\_022800547\_1 | Sugar\_tr.HG1.15:like:SLC22A15:likeclu:4  $\label{eq:spin_xp_022799962_1} $$\sup_{XP_022803514_1} | delta_notch_like_EGF_repeat_containing $$\sup_{XP_022803514_1} | Sugar_tr.HG1.0:like:SLC22A1/SLC22A2/SLC22A3/S...$$$ Spis\_XP\_022798068\_1 | zf-C2H2.PRDM6 Spis\_XP\_022808149\_1 | solute\_carrier\_family\_16\_member\_10 Spis\_XP\_022799981\_1 | delta\_like\_canonical\_Notch\_ligand\_3 Spis\_XP\_022798266\_1 | proline-rich protein 36-like Spis\_XP\_022788991\_1 | endothelin\_converting\_enzyme\_1 Spis\_XP\_022780781\_1 | Laminin.HG4.1:NA Spis\_XP\_022788336\_1 | bZIP.JUN/JUNB/JUND Spis\_XP\_022778185\_1 | GFP-like fluorescent chromoprotein amFP486 Spis\_XP\_022780747\_1 | Lectin\_C.HG15.4:NA Spis\_XP\_022792965\_1 | dysferlin Spis\_XP\_022796866\_1 | lymphocyte antigen 6 complex locus protein G6... Spis\_XP\_022807508\_1 | FA\_desaturase.HG3.1:SCD5 Spis\_XP\_022784603\_1 | glutathione\_S\_transferase\_mu\_3 Spis\_XP\_022792715\_1 | phytanoyl\_CoA\_2\_hydroxylase Spis\_XP\_022783257\_1 | mannose\_receptor\_C\_type\_2 Spis\_XP\_022808845\_1 | glyoxylate\_reductase\_1\_homolog Spis\_XP\_022782970\_1 | proline=rich protein 36-like Spis\_XP\_022791679\_1 | GLI\_pathogenesis\_related\_2 Spis\_XP\_022807225\_1 | Collagen.HG20.0:NA Spis\_XP\_022807233\_1 | arachidonate\_5\_lipoxygenase Spis\_XP\_022803398\_1 | protein\_disulfide\_isomerase\_family\_A\_member\_3 Spis\_XP\_022797406\_1 | adhesion\_G\_protein\_coupled\_receptor\_L1 Spis\_XP\_022781682\_1 | formin-like protein 7 isoform X2 Spis\_XP\_022788893\_1 | Homeodomains.HNF\_HMBOX1 Spis\_XP\_022789330\_1 | bone\_morphogenetic\_protein\_1 Spis\_XP\_022807057\_1 | dentin sialophosphoprotein-like Spis\_XP\_022800114\_1 | aggrecan Spis\_XP\_022790152\_1 | fibronectin.HG4.10:like:ELSPBP1:likeclu:0 Spis\_XP\_022796638\_1 | endonuclease domain-containing 1 protein-like Spis\_XP\_022799403\_1 | neuropilin\_2 Spis\_XP\_022799863\_1 | phospholipase\_A2\_group\_IIA Spis\_XP\_022791759\_1 | GLI\_pathogenesis\_related\_2 Spis\_XP\_022801240\_1 | KIAA0319 Spis\_XP\_022778944\_1 | MORN\_repeat\_containing\_1 Spis\_XP\_022793246\_1 | rRNA-processing protein EFG1-like Spis\_XP\_022796800\_1 | ADAM\_metallopeptidase\_with Spis\_XP\_022800080\_1 | GLI\_pathogenesis\_related\_2 Spis\_XP\_022802098\_1 | GLI\_pathogenesis\_related\_2 Control-1B Control-1C Control-2A Control-2C Control-2C CAPUP-1A CAPUP-1C CAMP-1A CGAMP-1A CGAMP-1A CGAMP-1A CGAMP-2C CGAMP-2C CGAMP-2C