

Information of OMIM+Genecards+Disgenet	
Gene	Source
AD7CNTP	
IBD7	
PLEKHG5	
DJ1	
KIF1B	
MTHFR	
MFN2	
GBD2	
PINK1	
ECE1	
ALPL	
RHCE	
FABP3	
YARS1	
GBD3	
ELOVL1	
FAAH	
FAAHP1	
PARK10	
PAOD1	
FOXD3	
DNAJC6	
IL23R	
TNNI3K	
ABCA4	
AGL	
DBT	
ATP1A1	
AD13	
NBLST6	
NOTCH2NLC	
ECM1	
ZNF687	
SLC27A3	
MUC1	
GBA	
PKLR	

LMNA  
COPA  
MPZ  
FMO1  
FMO4  
AD14  
NCF2  
CELIAC7  
IBD23  
PARK16  
INAVA  
REN  
IL10  
RMD1  
TLR5  
PSEN2  
ARV1  
ADAM17  
NBAS  
APOB  
HADHA  
MPV17  
ABCG8  
PARK3  
HTRA2  
FABP1  
CELIAC8  
COPD  
ZAP70  
LCO  
CHDS2  
HOXD10  
PDE11A  
BMPR2  
CTLA4  
FARSB  
IRS1  
SP110  
GIGYF2

ATG16L1  
SAG  
AGXT  
PDCD1  
IBD9  
MYMY1  
CAV3  
CX3CR1  
CELIAC9  
HSCR6  
IBD12  
GBE1  
CHDS5  
POGLUT1  
SEC61A1  
RAB7  
AD15  
PARK21  
ATP2C1  
DZIP1L  
GYG1  
CELIAC10  
MME  
GNB4  
EIF4G1  
DNAJB11  
CELIAC11  
HTT  
HDL3  
PROM1  
UCHL1  
PHOX2B  
AIS4  
PKD2  
PPM1K  
SNCA  
ADH1C  
ELOVL6  
FABP2

CELIAC6  
FAT4  
HSCR9  
TRIM2  
FAT1  
GDNF  
IBD18  
ELOVL7  
HEXB  
PDE8B  
APC  
AITD2  
CELIAC2  
IBD5  
PDB4  
LEAP2  
SAR1B  
HARS1  
LARS1  
SH3TC2  
IRGM  
FAT2  
FABP6  
SQSTM1  
HULC  
ELOVL2  
HFE  
IBD3  
VAMAS6  
DHX16  
HLA-B  
HLA-DQA1  
HLA-DQB1  
HLA-DPB1  
AD17  
FCYT  
ELOVL5  
AITD1  
SLC17A5

COX7A2  
ELOVL4  
BCKDHB  
SEC63  
FIG4  
FABP7  
ARG1  
ENPP1  
CELIAC12  
LPA  
PRKN  
TBP  
IL6  
HNRPA2B1  
GARS1  
SFRP4  
PGAM2  
EGFR  
CHCHD2  
NCF1  
HSPB1  
CD36  
ABCB4  
ABCB1  
PON1  
PON2  
IBD11  
ARPC1B  
RINT1  
IRF5  
AD10  
NOS3  
PRKAG2  
AIS2  
GATA4  
CHDS9  
NEFL  
AD12  
CMT2H

JPH1  
GDAP1  
FABP5  
PMP2  
FABP4  
FABP12  
CDH17  
YARS  
WPWS  
VMLDS2  
VAMAS5  
VAMAS3  
URBWD  
TIL3  
TACE  
SSC2  
SSC1  
SRK  
SPDA1  
SPAT  
SLEB2  
SIASD  
SEC61  
SCA17  
RTD  
RP47  
RHNA  
PUM  
PROML1  
PPNAD3  
PPH1  
PP2CM  
PON  
PKHD1  
PK1  
PGY3  
PGY1  
PGAMM  
PDNP1

PDE11A1  
PCLD2  
PARK7  
PARK6  
PARK5  
PARK22  
PARK2  
PAFABP  
P62  
OMI  
NISBD2  
NIID  
NBPHOX  
NAG  
NACP  
MYMY  
MTPA  
MTDPS6  
MEGF1  
LRG47  
LQT9  
LMN1  
LCE  
LARS  
KIAA1985  
KIAA1441  
KIAA0720  
KIAA0642  
KIAA0517  
KIAA0274  
KIAA0214  
JP1  
ILLBP  
ILFS3  
IFNB2  
IFI41  
IDDM12  
IBMPFD2  
IBD17

OMIM

IBD14  
HSP27  
HSCR3  
HOX4D  
HOPS  
HLN2  
HLA-H  
HELO1  
HEDJ  
HD  
HARS  
GSD4  
GSD15  
GS  
GPR13  
GDE  
GBD4  
GARS  
FRPHE  
FLDB  
FATP3  
FAT  
FARSLB  
FABPB  
FAAHOUT  
EIF4G  
E1B  
DZIP2  
DJC6  
DEE38  
DDX16  
CSIF  
CMTD1F  
CMT4A  
CMT2E  
CMT2DD  
CMT2B  
CMT2A  
CMT1G



CMT1B  
CMRD  
CLP46  
CHDS7  
CGD1  
CELIAC1  
CDH16  
CD10  
CCDD  
C1orf106  
BCPM  
BCATE2  
ASD2  
ARC41  
APG16L  
AIS5  
AIS1  
AILJK  
ADMD  
ADH3  
AD4  
ABCR  
AAOPD  
AC133  
ADMIO2  
ADSD  
ADTKD2  
ADTKD4  
ADTKD5  
APBD  
ARPKD  
BDPLT10  
BLBP  
BSF2  
CALLA  
CELIAC3  
CMH6  
CMT1F  
CMT2A1

CMT2A2A  
CMT2EE  
CMT2F  
CMT2K  
CMT2R  
CMTDIC  
CMTDID  
DBP2  
DJ9  
DSMA4  
EFABP  
EMD2  
ESA  
ETM6  
FACE  
FPC  
GSD10  
GVHDS  
HDL4  
HFE1  
HHD  
HKLLS2  
HOMGSMR2  
HPT1  
IBD10  
IBD29  
IFI1  
IFI75  
IKSHD  
IMD71  
IT15  
KIAA0473  
KTELC1  
LDLCQ4  
LFIS  
LINC00505  
MDR1  
MDR3  
MNMN

MPDT  
NISBD1  
NPPS  
PARK1  
PARK11  
PARK13  
PARK18  
PDB3  
PDB6  
PDE11A2  
PDJ  
PKD5  
PMX2B  
POVD1  
PSN  
PTMP  
PYL  
RILDBC1  
SAC3  
SARA2  
SCA38  
SCA45  
SLD  
SLEB1  
SLEB10  
SMAD1  
SOPH  
SPG79  
STGD1  
STGD2  
STM2  
STSL1  
TNSALP  
USH3B  
V28  
VAMAS2  
VSD1  
ABBP2  
ALPS5

ALS11  
ANDD  
BTPS2  
CMD1V  
CMT2D  
CMT2W  
CMTDIG  
CMTRIA  
CMTRIC  
DSS  
FCHL2  
FFM  
FPLD2  
FTDAL3  
HMN2B  
HMSN6A  
HSF  
IBD13  
IBD19  
ICP3  
ILFS1  
ILFS2  
IMD48  
LOMARS  
M6S1  
MELIOS  
MSUDMV  
MVCD5  
MVCD7  
NBLST1  
NBLST2  
NDGOA  
NEP  
PARK19  
PARK4  
PDE11A3  
PKD4  
PRP8  
PRSS25

RMD2  
RP41  
RUMI  
STGD3  
TACHD  
TYRRS  
VODI  
YVS  
YTS  
TOF  
TFQTL2  
RP19  
PPNAD2  
PKD6  
PCA1  
NMOAS  
NADGP  
MGCA8  
ISQMR  
HMN5A  
HGF  
DESMD  
CORD12  
CMT2T  
CMT2A2B  
CMD1A  
CLCs  
CHN2  
CCHS  
C3orf9  
ARHR2  
BTOP  
CD133  
CORD3  
DDD4  
DMRV  
HGPS  
SCA34  
SCA43

SMAJI  
YRS  
ARMD2  
COLED  
LGMDR21  
MCDR2  
STGD4  
TNF  
IL6  
INS  
PNPLA3  
PPARG  
IL1B  
GGT1  
TLR4  
HFE  
IL10  
LEP  
FAS  
TGFB1  
NR1H4  
AKT1  
SLC17A5  
APOB  
APOE  
TP53  
HADHA  
MIR21  
ALB  
CAT  
IRS1  
APOA1  
MTTP  
RETN  
INSR  
LEPR  
MIR122  
MLXIPL  
SERPINE1

RBP4  
UCP2  
DDIT3  
LPL  
NR1H3  
GPT  
MIR155  
ABCB11  
CCL2  
PPARGC1A  
ADIPOQ  
IGF1  
HMOX1  
PPARA  
IRS2  
TLR2  
CD36  
CRP  
HNF4A  
AHSG  
PTEN  
MTOR  
MIR34A  
CXCL8  
MIR17  
ACACA  
HGF  
CYP2E1  
F2  
MIR126  
APOC3  
SOD2  
SOCS3  
MIR140  
CPT2  
IKBKB  
MIR132  
IFNG  
KRT18

FASN  
MIR22  
MIR30A  
EIF2AK3  
SLC2A4  
CASP3  
SREBF1  
MIR31  
AFP  
MIR192  
MIR27A  
IL1A  
CEBPA  
MAPK8  
FABP1  
SIRT1  
MIR29C  
VEGFA  
MIR200B  
MIR10B  
MIR200A  
MIRLET7D  
MIR33A  
CCN2  
MIR200C  
CTNNB1  
SMPD1  
MIR183  
CTLA4  
SERPINA1  
LMNA  
STAT3  
MIR130A  
FABP4  
ACE  
PIK3CA  
MFN2  
RELA  
ATP7B



MIRLET7E  
GHRL  
MIR107  
MIR26A1  
ABCA1  
NAFLD1  
MIR203A  
MTHFR  
FASLG  
TM6SF2  
MSR1  
EGFR  
MIR16-1  
MARS1  
XBP1  
MIR125A  
MMP9  
ICAM1  
SOD1  
CFTR  
MIRLET7C  
LIPA  
TNFRSF1A  
APP  
ACOX1  
CPT1A  
MIR451A  
NDUFS1  
ABCB4  
ADIPOR1  
CAV1  
TIMP1  
MIR30D  
IL18  
ADIPOR2  
MIR378A  
STAT1  
JUN  
MIR483

CASP8  
CP  
LCAT  
MAP3K5  
CDKN2A  
MMP2  
MT-TK  
ATF4  
CYCS  
HMGCR  
TTR  
NOTCH1  
TF  
MPO  
MYC  
FGF21  
LDLR  
TERT  
SREBF2  
NAFLD2  
PON1  
IL1RN  
NFKB1  
EGF  
VWF  
SMAD4  
JAG1  
SQSTM1  
MIR429  
SLC25A13  
PIK3R1  
ESR1  
CCND1  
NOS2  
BSCL2  
AKT2  
CETP  
VCP  
GANAB

G6PC  
SPP1  
SERPINC1  
GCG  
BAX  
HAMP  
ABCC2  
HLA-DQB1  
BDNF  
VIM  
CYP3A4  
PTPN11  
GCKR  
ELANE  
DPP4  
MMP1  
CDKN1A  
NDUFS4  
CXCL10  
HSPB1  
MT-CO1  
PCSK9  
POMC  
MIR199A1  
MIR181B1  
LIPC  
PRMT7  
PRKAG2  
CXCR4  
TNFRSF1B  
SLC2A1  
NOD2  
THBD  
NAMPT  
NLRP3  
BMP6  
PNPLA2  
MT-CYB  
PDGFRB

SDHB  
IGF1R  
NGF  
CRYAA  
ACTB  
PKLR  
HSPD1  
SCD  
BCL2  
PTGS2  
TLR9  
SERPINA3  
ERN1  
C3  
TLR1  
SDHD  
TGFB2  
DRD2  
TLR6  
NDUFS3  
CFH  
SLC6A3  
TNFSF11  
ENPP1  
MIR146A  
LIPE  
UGT1A1  
FGF19  
NDUFS2  
AGPAT2  
MDM2  
CCL3  
ABCB7  
DNMT1  
NDUFB8  
DNAJB11  
SDHC  
CDK4  
FLT1

ASS1  
LPA  
SLC6A4  
SDHA  
FN1  
IFNA1  
PRKAB1  
PRKAA1  
NDUFV1  
NDUFS7  
CTSD  
CDKN3  
APOA5  
IL17A  
TARDBP  
CYP7A1  
GRN  
AKT3  
CASR  
PLAU  
GCK  
KRT8  
ANO5  
TGFB1  
EZH2  
IFIH1  
MT-CO2  
PC  
XDH  
ALMS1  
MYD88  
GSR  
FABP2  
NDUFV2  
MIR195  
GH1  
MIR151A  
CHUK  
HBB

SMARCA4  
CYP1A1  
SIRT3  
CCL4  
FOS  
NDUFA13  
MEG3  
MIR20A  
FGF23  
EP300  
PIK3R2  
NDUFA9  
NDUFB9  
MIR181A1  
NDUFA6  
VDR  
LOX  
CTSB  
GSK3B  
AKR1D1  
IDH1  
NR1H2  
MIR144  
F3  
MIR222  
RAC1  
GARS1  
COX5A  
MIR221  
APOA2  
NDUFA2  
MT-ND6  
CDH2  
HTR2A  
PLIN1  
CRAT  
MT-CO3  
PIK3CD  
TNFAIP3

EIF2S1  
NDUFS8  
MIR214  
CPOX  
MIR27B  
CDC42  
SLC40A1  
GSTM1  
CYP1A2  
GSTP1  
HIF1A  
SPINK1  
CCL5  
SUMF1  
NDUFA1  
AGTR1  
CHI3L1  
CYBB  
NDUFB11  
SMAD7  
NDUFS6  
COX6B1  
BGLAP  
CHIT1  
NFE2L2  
MIR182  
DGAT1  
KRT7  
ELOVL6  
SERPINA6  
TFR2  
CRH  
RXRA  
BMPRI1A  
ERBB4  
ALPP  
TNFRSF11B  
CYP17A1  
PLA2G4A

NDUFB3  
VCAM1  
LRP6  
SERPINF2  
ETS1  
HSD11B1  
FGFR4  
LCN2  
ADH1C  
ALPL  
SHBG  
MYF5  
DSP  
CA2  
FABP3  
KRT19  
CD55  
IFNA2  
MIR15B  
SELE  
CNR1  
MAPK10  
HP  
ERCC2  
HUWE1  
MAPK14  
AGT  
NDUFA10  
UQCRC2  
NDUFA12  
CD44  
IRF1  
WNT3A  
GLUD1  
ALDH2  
SELP  
MIR154  
HJV  
SMAD3



PEMT  
IL6R  
TNFSF10  
ADH1B  
MT-ND3  
CYP1B1  
NPPB  
MIR23B  
AIFM1  
MYH9  
SLC27A1  
CYC1  
LNCARSR  
FADS2  
DRD3  
SCARB1  
CEL  
UCP1  
MMP13  
ADA2  
NR1I2  
LIVAR  
LRPPRC  
HNRNPA1  
PRKAA2  
CPS1  
TIMP2  
PRSS1  
CYBA  
IGFBP3  
MIR95  
CYP2A6  
ADRB3  
MIR187  
NDUFA11  
FLI1  
SHH  
HSP90AA1  
PRL

PARP1  
UQCRR  
COX8A  
FGA  
HBA1  
SLC27A2  
IL15  
LITAF  
CSF1  
IL1R1  
GC  
STAR  
NPY  
CES1  
COX4I1  
AHR  
FABP12  
IFNL3  
CLU  
DDX3X  
DKK1  
SLC10A1  
CXCR3  
CASP7  
S100A9  
CASP9  
MIR29A  
TET2  
RARS1  
BIRC5  
HSPG2  
XRCC4  
CLCN2  
PPIG  
SP1  
GHR  
DNASE1  
IGFBP1  
GFER

TMPRSS6  
ADRB2  
FTL  
DGAT2  
HSPA5  
SPARC  
GAL  
NR0B2  
EPRS1  
IL21  
KL  
PTPN1  
MIR29B1  
MAOA  
FGB  
CCK  
GDF15  
DRD1  
DNMT3A  
MIR149  
EIF2AK4  
GPX1  
PIK3CB  
MIR33B  
ITCH  
MST1  
NQO1  
HMGB1  
COL3A1  
LTBP3  
PPARD  
TPM2  
PIK3R3  
THBS1  
AKR1A1  
MIR9-1  
APPL1  
RARRES2  
SDCCAG8

AGER  
TMPO  
EPAS1  
IRF8  
NR5A2  
SLC25A22  
CD163  
SHC1  
UQCRB  
EIF4G1  
SI  
RPS6KB1  
PLAUR  
PALLD  
TPM1  
COX6A1  
USF1  
PEPD  
CD59  
CLRN1  
ABCG1  
NAT2  
P4HB  
GOLM1  
MAPK9  
LEPQTL1  
CFLAR  
NPC1L1  
LGALS3  
CD14  
IL17RA  
NDUFAB1  
AREG  
FDFT1  
DPM1  
NEAT1  
TPM3  
GABRG2  
DICER1

PLIN2  
NLRC4  
MERTK  
KEAP1  
ATP5F1E  
FOXF1  
RPS27A  
DHCR24  
BIRC3  
ATF6  
SLC25A12  
SLC25A17  
HDAC1  
UCP3  
FOXC2  
GSTT1  
PLTP  
OGG1  
ALAD  
GABRA2  
SULT2A1  
DYSF  
KLF6  
POSTN  
IL1RAPL2  
SDC1  
SOST  
PHB  
TSPO  
IRF3  
E2F1  
IFNAR1  
PRKCQ  
MIR224  
EPHX1  
COX4I2  
NR1I3  
MIR423  
COL1A1

TFEB  
GOT2  
MLN  
CD68  
IL33  
RPS6KA3  
LPIN1  
SFRP4  
UQCRFS1  
SERPINA7  
TRAF3IP2  
AXL  
ANXA2  
CCR1  
RPL5  
GGT2  
BID  
IL18BP  
NTS  
ACACB  
GPC4  
MAP3K11  
SLC39A14  
CYP2B6  
CCL20  
SLC39A4  
NDUFB10  
FTO  
TYSND1  
GFPT1  
CXCR5  
ANGPTL8  
CYP4A11  
IARS1  
ABCC3  
EIF2AK2  
DNAH11  
COX7B  
BCL2L11

SAMM50  
ATP2A2  
PARVB  
PHGDH  
DARS1  
EGR1  
ENPP2  
UFM1  
GLP1R  
NDUFA4  
TGM2  
IL6ST  
TBP  
TRIB1  
COL12A1  
CNR2  
CANX  
MYH14  
LOXL2  
AOC3  
SAR1A  
ASCL1  
ACSM2B  
RPS17  
DRD4  
CEBPB  
PTX3  
OPRM1  
OLR1  
DCLK1  
DBH  
POR  
GSK3A  
HDAC9  
OGT  
EPHX2  
STING1  
IGF2BP2  
SERPINB3

NCAN  
FFAR4  
SPTAN1  
MATN3  
SRD5A2  
ITGA8  
RPS3A  
SLC25A1  
PTPRD  
ALDH9A1  
PDXK  
TXNRD2  
MATR3  
TXN  
SLC1A3  
IL16  
SF3B1  
TRAF2  
CPB2  
ATP1A1  
TKT  
MBOAT7  
COL13A1  
GCLC  
PDGFA  
SCAP  
PKM  
KHK  
RUNX3  
ERLIN1  
IMMT  
A2M  
ERLIN2  
FST  
ALOX12  
RB1CC1  
IRGM  
CYP4F2  
UBD



CASP2  
MIR331  
SIK1  
COX6A2  
FGL1  
ITPR2  
UGT1A6  
HSPA1A  
PTPRG  
PRKAG1  
LBP  
VTN  
RDH5  
PIN1  
P2RX7  
XRCC5  
TRIM21  
CXCL11  
CCL19  
MIR24-1  
PRKAB2  
UGT1A9  
DMGDH  
UGT1A7  
GPNMB  
CCR2  
SNTA1  
JAZF1  
H4-16  
CYP4F3  
CD82  
CUL3  
ACSL3  
TNFRSF4  
CDH4  
LECT2  
MIR30C1  
UGT1A8  
PRPF8

MLX  
ZNF365  
FNDC5  
NDUFA5  
FYN  
CYLD  
HYOU1  
EEA1  
NOX4  
FOXA1  
NDUFS5  
SERPINF1  
PRDX1  
EFTUD2  
YEATS2  
LPCAT3  
COX7A2  
CCT5  
CLDN2  
AFAP1-AS1  
NNMT  
YWHAE  
COX6C  
COPA  
TRAPPC9  
COMMD1  
NDUFA8  
HNRNPK  
SERPINA12  
GOT1  
DISC1  
NAT1  
TRAF1  
XRCC6  
PPP2CA  
CES2  
NDUFC2  
NDUFB6  
UQCR11

Genecards

CYP2J2  
UQCRC1  
TNC  
CARS1  
TRAP1  
RTN4  
PRSS2  
UGT1A4  
PDK4  
YY1  
JCAD  
SIRT6  
PLIN5  
SNRNP200  
MGAM  
CDH5  
YBX1  
TP53BP1  
NCOA3  
RPL10  
UGT1A3  
STUB1  
SOD3  
UBE2D2  
ROCK1  
CACNA2D1  
SLC34A2  
AKR1B10  
H4C11  
LGALS3BP  
H4C1  
SERPINH1  
SLC25A11  
IFNL4  
IL36A  
ACE2  
TXNRD1  
HPS1  
KHDRBS3

CFD  
ITLN1  
AMPH  
AZGP1  
POMP  
SLC38A8  
MMP11  
H4C8  
PEG10  
H4C13  
H4C9  
NDUFA3  
PRKCE  
COX8C  
H4C15  
GSS  
NDUFB7  
LCN1  
H4C4  
H4C14  
H4C12  
IL18RAP  
H4C3  
PRKAG3  
DROSHA  
H4C6  
H4C2  
H4C5  
HS3ST1  
RPL6  
UGT1A10  
PCLO  
NDUFB4  
NDUFB5  
CYP8B1  
LCP1  
SIPA1L2  
PPP3CA  
LOC110806262

SIRT4  
APLN  
HIGD1A  
MAP3K7  
NDUFB2  
PDGFC  
RORA  
TPM4  
COX5B  
PRKDC  
SLC4A4  
NDUFC1  
NDUFA7  
TFAP2B  
UQCR10  
UQCRH  
NDUFB1  
MIR363  
NDUFV3  
NFIC  
PZP  
CFL1  
YIPF1  
COX7A1  
HNRNPU  
PUF60  
CXCL16  
AQP9  
HSPA6  
SIRT5  
COX7C  
ARRDC3  
PTPRU  
COX7A2L  
LEMD2  
HTR1B  
AHNAK  
CLTC  
SLC9A9

ALPI  
NDUFA4L2  
HSD17B13  
HDAC8  
RIPK3  
STEAP4  
EEF1A1  
MACROD2  
SEMA5A  
ADH5  
MAPK12  
CMKLR1  
IL34  
ADH1A  
CCAR2  
CCT4  
ESM1  
PNPLA7  
ELK1  
EHBP1L1  
LINC01016  
KAT5  
PSMC2  
GRK2  
RPL3  
CD5L  
TNFRSF12A  
COX7B2  
CRACR2A  
RPS15  
COX6B2  
NOS1AP  
SLC25A47  
PRDX5  
ATF3  
TRAF3  
USP7  
NGF-AS1  
NDUFC2-KCTD14

MIR103A2  
BIRC2  
IL1R2  
FARP1  
GPN1  
NRG3  
CISD2  
PCSK5  
UQCRHL  
MIR361  
SDC2  
EGFL6  
SLC25A3  
INHBA  
FAM166B  
ESRRG  
DDX60L  
AQP7  
HNMT  
ADAMTS9  
DGCR8  
RPTOR  
IGHG1  
CAPSL  
EDA  
MAP3K8  
MIR103A1  
TAGLN  
STX17  
TSHB  
PSMD2  
TP53BP2  
UGDH  
LAPTM4A  
NMT2  
SOCS2  
PLPPR4  
CX3CL1  
AGAP1

RPL7  
MOGAT2  
YWHAG  
GPLD1  
CCRL2  
CTBP2  
UGT1A5  
ARNT  
CDK8  
RPN1  
GLO1  
ST8SIA1  
CREB5  
YBX3  
FAF2  
MLXIP  
AQP3  
CYGB  
YWHAQ  
SLC46A3  
FRK  
CCN4  
FAP  
OSBPL5  
TLCD4-RWDD3  
SVIL  
AATF  
ANKK1  
CWF19L1  
CYP2A13  
HCFC1  
MIR873  
CYP2F1  
CALD1  
HSP90AB1  
ZFP90  
MYO6  
ZNF512  
PDIA2



FETUB  
BCAT1  
ADRB1  
PCNX3  
SLC3A2  
TNR  
AEBP1  
UBQLN4  
SEL1L3  
TTF2  
FO XK1  
ZP4  
C2orf16  
TEX36  
PPIB  
RPL7A  
SORCS3  
SORCS2  
ARL2BPP6  
ATAD3A  
CAD  
SLC30A6  
ADAMTS9-AS2  
NDRG2  
VIL1  
DDX1  
NUCB2  
CHST2  
GPT2  
MCM7  
NFE2  
MIR6090  
APOF  
CCNC  
MYO1B  
PCBP1  
FAM171A1  
PTBP1  
LOC643339

RPL12  
NFE2L1  
BBC3  
MYH10  
FAM107B  
HSPH1  
IAH1  
SFRP5  
RPL9  
TRIB3  
COLGALT1  
RNU6-53P  
MIR372  
RND3  
ARPC1B  
NCL  
KCNK7  
MACROH2A2  
PCBP2  
DDX5  
TMBIM1  
HNRNPM  
DISC2  
SDK1  
SLC9A4  
ATXN2L  
PPP1CA  
PFKFB3  
POLR3H  
ETS1-AS1  
RPL27  
APPL2  
L13304-005  
KLHL6  
PSG1  
NRG4  
GRM4  
RPL30  
SMIM20

HNRNPC  
MYO18A  
SENP3  
CTSS  
KRTAP5-5  
CNOT4  
KIF16B  
RPS4X  
FOXN3  
SERPINA4  
AGR3  
GGT3P  
MYL6B  
POLR2D  
WWTR1  
PDE7B  
DDX60  
DDX50  
SLC6A9  
piR-37045  
lnc-PNPLA5-2  
APLNR  
RUVBL2  
C1QTNF3  
AP2B1  
ENSG00000253111  
LINC02694  
MCM3  
GCN1  
MRTFA  
SIRT7  
YWHAB  
TUBA1C  
ONECUT2  
GATAD2A  
SRSF6  
PWWP3A  
MCM5  
WSPAR

ATP5F1B  
RPL13  
CLRN1-AS1  
GSDMD  
CCT3  
H1-4  
MCF2L2  
RPS2  
TMOD3  
RPLP2  
MYO1C  
SNHG18  
NUDT4  
IGF2BP1  
ACTR5  
YWHAZ  
TSNAX-DISC1  
CCT2  
SLC25A10  
RPS15A  
lnc-PUM2-3  
lnc-RHOB-11  
RPS23  
CILP2  
LINC01679  
RPS11  
RESF1  
C16orf95  
IP6K3  
MIR1296  
XPO4  
ENSG00000287092  
LINC00917  
LINC00322  
RPL10A  
DNAJA1  
SAT1  
ZNF101  
QARS1

TCP1  
SLC30A9  
GRIK3  
SP4  
ENSG00000254595  
lnc-CRYAA-1  
lnc-JCAD-2  
lnc-CRYAA-17  
ENSG00000226026  
RPL4  
NUDT21  
MYO1D  
STRA8  
MIR646HG  
ENSG00000231487  
PLPP7  
A2MP1  
EIF3L  
RNU6-961P  
ARHGAP8  
IL36B  
HNRNPF  
SRSF1  
LOC389199  
RAB37  
TRMT44  
RPS9  
ENSG00000255046  
ENSG00000287292  
ENSG00000222042  
lnc-LTBP3-4  
OTX2P1  
ENSG00000237936  
MN309375  
BECN2  
INSIG2  
RPL8  
GSTK1  
RPS18

TLL1  
ENSG00000234385  
ENSG00000249631  
lnc-FLI1-5  
ZNF267  
GOS2  
MIR1183  
HNRNPH1  
MIR449A  
C1QTNF1  
LRRFIP2  
ANXA9  
CRTC1  
SVIL-AS1  
SNRPD2  
SLC9A9-AS1  
TEX36-AS1  
LOC100130331  
SLC9A9-AS2  
ENSG00000257322  
RNU6-908P  
ENSG00000236501  
ENSG00000250541  
ENSG00000265994  
ENSG00000207171  
ENSG00000235464  
RNU1-35P  
EEF1A1P20  
ENSG00000236385  
ENSG00000287032  
ENSG00000284676  
lnc-DDX60L-3  
ENSG00000226973  
ENSG00000199378  
lnc-KCNK7-1  
HSALNG0076986  
ENSG00000276627  
piR-41195-080  
lnc-UBE2N-9

lnc-EDRF1-4  
piR-59297-626  
LOC105372698  
piR-38051-198  
HSALNG0076987  
LOC107986198  
LOC102723733  
ENSG00000270927  
piR-57133-376  
AB372775  
RF00994-591  
piR-31109-001  
RF00017-1202  
lnc-AIFM2-3  
ENSG00000283174  
ENSG00000213117  
ENSG00000254935  
RPL24  
RNU6-976P  
ENSG00000283991  
lnc-TRIB1-7  
LOC105375131  
ENSG00000268473  
STMP1  
DHX9  
PSME2  
RBFOX1  
THNSL2  
LINC00355  
AP2A2  
TUBA8  
LOC101929710  
INPP4B  
PABPC1  
POT1-AS1  
ST13P12  
NLRP2  
LINC02789  
LINC01090

PSAPL1  
ENSG00000237596  
ENSG00000250001  
LOC105373944  
ENSG00000248537  
HNRNPA1P58  
LOC101060035  
SLC23A2  
ACTR2  
FECHP1  
EIF4A3  
LOC101928135  
KRT8P18  
ACTR3  
PRR5-ARHGAP8  
PHF21B  
ENSG00000274121  
ENSG00000286071  
ATP6AP1L  
SLC23A1  
SRSF7  
STARP1  
LINC00888  
PBX2P1  
SERPINB4  
HNRNPA3  
USP4  
TET1  
TPI1P1  
LOC401864  
SLC23A4P  
MIR378C  
MIR4772  
AP2A1  
CPB2-AS1  
HDHD5-AS1  
LINC01029  
SNORA63E  
LINC02392



LINC02534  
ENSG00000243273  
SNORA63D  
LINC01818  
ENSG00000260234  
ENSG00000259053  
ENSG00000251152  
RNU6-655P  
RNU6-161P  
ENSG00000241675  
RPL35AP33  
ENSG00000232735  
ENSG00000234481  
ENSG0000025204C  
ENSG00000253092  
ENSG00000249664  
LGMNP1  
ENSG00000253354  
ENSG00000272475  
LINC02822  
HNRNPA3P5  
RNU6-1172P  
MRPL45P1  
ENSG00000197462  
ENSG00000235503  
ENSG00000234034  
LOC107987158  
ENSG0000025173C  
ENSG00000254171  
RPL23AP20  
ENSG0000025908C  
lnc-SLC46A3-1  
ENSG00000288092  
lnc-TSNAX-2  
SDR42E1P5  
lnc-MRGPRG-1  
ENSG00000233983  
MN309223  
ENSG00000271682

ENSG00000287720  
lnc-SLC22A18-7  
lnc-RASGRP1-1  
lnc-WDR91-4  
piR-50443-100  
ENSG00000229115  
ENSG00000225906  
HSALNG0113292  
piR-61101-044  
ENSG00000231984  
piR-61861-018  
hsa-miR-5096-076  
ENSG00000275383  
piR-48470  
RF00026-283  
piR-40638  
piR-40663  
piR-49272  
piR-48794  
piR-48799-012  
piR-49129  
piR-39926  
piR-39858-368  
piR-56788  
piR-56842  
piR-32810-118  
piR-33024  
piR-32825  
piR-32961  
ENSG00000285525  
piR-48131  
piR-39137  
piR-32153  
piR-49710  
piR-59496  
piR-43106-189  
piR-34682  
piR-42506  
piR-42270

lnc-TRIB1-8  
HSALNG0031159  
HSALNG0032693  
piR-43926-003  
piR-44231  
piR-59890  
piR-35359  
piR-36491  
lnc-XRCC4-4  
piR-54702  
LOC105373170  
piR-45773  
piR-55199  
piR-46362  
NONHSAG018421.1  
lnc-KLHL24-6  
piR-44286  
piR-37903  
piR-37780  
piR-45939  
LOC105373943  
piR-61711  
NONHSAG013110.1  
LOC105379051  
RF00017-1416  
LOC107986000  
ENSG00000258506  
piR-30178  
piR-55631  
piR-30153  
piR-47596  
piR-30883  
HSALNG0014027  
piR-36047  
piR-55036-040  
piR-46640  
ENSG00000276067  
ENSG00000271078  
piR-31534-137

ENSG00000279912  
ENSG00000280306  
ENSG00000219736  
ENSG00000220748  
LOC102724253  
LOC107984123  
LOC105377705  
RPL23A  
RUVBL1  
IBTK  
AUP1  
ILF3  
ARPC2  
RRBP1  
RTRAF  
EIF4A1  
SRSF4  
SUGP1  
LOC110366354  
ENHO  
AHSA1  
RNF114  
CTPS1  
SEC16A  
RPS8  
TRIM33  
TMSB4X  
SRRM1  
DUSP26  
EIF3E  
DDX17  
CCT8  
CAMKK2  
EDC4  
EIF3B  
HKDC1  
CKAP4  
HNRNPUL1  
MAPK13

EIF3F  
RBM14  
UBE2D3  
FARSA  
HSD17B11  
PDIA4  
PGAM5  
FAM3A  
SLC25A48  
PKNOX1  
TMEM97  
PABPC4  
SF3B3  
C1QTNF9  
MIR190B  
CAND1  
MYBBP1A  
USP48  
TMC4  
TXNL1  
HNRNPL  
DEFA1  
EIF4A2  
LAMP3  
DHX15  
SUB1  
TMBIM6  
ILF2  
SRRM2  
FAM3B  
RTCB  
OPRD1  
GLT8D2  
EBNA1BP2  
LATS2  
GGT5  
HMCES  
SMOC2  
PHF2

SNRNP40  
FAT1  
DDX46  
PHF5A  
KDM4B  
ARPC4  
NMBR  
UBXN1  
SLC2A8  
RGS4  
FAIM  
USP10  
CLGN  
LYPLAL1  
SH3BP5  
STK24  
IGHG4  
DUSP14  
SEC16B  
DNAJC10  
RANGAP1  
H2BC18  
HSP90AA2P  
COP1  
H2BC11  
RAB32  
PNLIPRP2  
RAMP3  
TRIM47  
TRPC4AP  
ZNF300  
SDF2L1  
BMP8B  
FNDC3B  
DNAJC11  
FUNDG2  
HIF3A  
IGKV2D-23  
RUBCNL

LOC109279247  
LINC01684  
TXNDC5  
RPL17-C18orf32  
PHLPP2  
MIR103B2  
MIR103B1  
SAP18  
MAS1  
CTDNEP1  
YIPF6  
CARD6  
SUCNR1  
PRMT3  
HERC4  
CR1L  
FAM174A  
MIR4668  
TM6SF1  
TM6SF2  
PNPLA3  
CYP2E1  
SIRT1  
FGF21  
LEP  
NFE2L2  
PPARA  
ADIPOQ  
NR1H4  
PPARD  
SREBF1  
LDLR  
XBP1  
CAT  
FAS  
GNMT  
PEMT  
CPT1A  
NR5A2

TGFB1  
AHR  
GSTM1  
GSTP1  
IL1A  
JAK2  
PRKCA  
ABCC2  
KLB  
ACE  
ALDH2  
GSTT1  
PTEN  
CD14  
NQO1  
FOLR2  
GSTA1  
IL4  
LIF  
PDK4  
PRKCD  
PRKCE  
VLDLR  
ADH1A  
ADH1B  
ADH4  
CSF2  
CYP1A2  
CYP17A1  
AHCY  
F2  
ALDH1A1  
ALDH1B1  
B3GAT1  
EIF2AK1  
LAMA1  
IL3  
MMP1  
SERPINB2



ABCB4  
PRF1  
PRKACA  
TRIB3  
RAG2  
RDX  
TNFRSF1B  
IKBKKG  
STC2  
ALDH4A1  
SCARB1  
GCKR  
ATP5F1B  
NCAN  
PARVB  
SAMM50  
FDFT1  
PTPRD  
ZGLP1  
PPARGC1A  
NLRP3  
OSBP1L5  
COL13A1  
CRP  
DPP4  
ERBB4  
FBL  
ALB  
EHBP1L1  
GCG  
SLC17A5  
GGT1  
GLP1R  
GPT  
HFE  
APOC3  
IGF1  
IL1B  
IL6

KRT18  
LEPR  
LIPA  
MIR122  
MIR21  
MIR34A  
MTTP  
PIK3CA  
PIK3CB  
PIK3CD  
PIK3CG  
PPARG  
GATAD2A  
PRKAA1  
PRKAA2  
PRKAB1  
RBP4  
SCD  
SHBG  
SLC5A2  
GGTLC5P  
SP4  
SREBF2  
TLR4  
TNF  
GGTLC3  
GGT2  
GGTLC4P  
CNBP  
MBOAT7  
EHMT1  
ACTR5  
ZNF512  
CRACR2A  
PLPP7  
PWWP3A  
TP63  
DDX60L  
XPR1

CD36  
CREB5  
FGF19  
AHSG  
FASN  
GABPA  
GH1  
LBP  
LGALS3BP  
HAMP  
REN  
NR1H3  
CYP3A4  
FABP1  
SIRT3  
HNF4A  
HSD17B13  
IL17A  
MLXIPL  
CCL2  
LOC102724197  
AGTR1  
MTOR  
FETUB  
APOE  
PON1  
RETN  
RARRES2  
UCP2  
NR0B2  
GGTLC1  
DECR1  
PCSK9  
ACACA  
HMGB1  
APOB  
IL10  
LPL  
MIR192

MTHFR  
SERPINE1  
ANGPTL8  
SOD1  
TP53  
VDR  
IRS2  
TRIB1  
TXNIP  
PLIN2  
CNR1  
CYBB  
AKT1  
ABCD1  
FOXO1  
GOLGA6A  
APRT  
IRS1  
MIR33A  
MFAP1  
NR3C2  
SERPINA1  
RCBTB1  
PNPLA2  
SELENOP  
SOD2  
STAT3  
PPP1R3B  
NR1I2  
FADS2  
CEBPA  
CETP  
SLC27A5  
APOA5  
COL1A1  
KLF6  
NRG4  
TMC4  
EGFR

EPAS1  
FABP4  
FGL1  
FLII  
GCK  
IFNL3  
HIF1A  
HP  
HSD11B1  
IFNG  
APP  
IL18  
INSR  
MIR29A  
MAP3K5  
CHPT1  
BGLAP  
SPP1  
TLR2  
CCR2  
VEGFA  
FTO  
CASP1  
ABCB11  
TNFSF10  
NAMPT  
FST  
PRRT2  
CMKLR1  
CPT2  
PARP1  
CTNNB1  
GPBAR1  
CYP7A1  
DLAT  
AFP  
AGER  
AGT  
ABCA1

FGFR4  
SMUG1  
GIP  
HPGDS  
GOT2  
NEAT1  
OR10A4  
GPX1  
ANPEP  
NPC1L1  
HMOX1  
CXCL10  
CYP4F3  
ARNTL  
MIR140  
MIR155  
MMP2  
MT1B  
ACLY  
NTS  
MIR378A  
BCO1  
PRKCB  
MAPK8  
PRL  
MIR451A  
CXCL16  
ACE2  
BCL2  
BCL2A1  
SAV1  
SLC10A2  
SMN1  
SMN2  
BNIP3  
TERT  
TIMP1  
TIMP2  
ADIPOR2

BCO2  
CAV1  
GDF15  
BMS1  
NR1I3  
FAS-AS1  
LINC01672  
PSC  
TLR6  
YAP1  
POSTN  
CES1  
CORIN  
CCL27  
MTMR11  
CHIT1  
ECD  
C1QTNF1  
LYPLAL1  
BHLHE23  
MAP3K8  
COX8A  
GPR119  
CYBA  
CYP1A1  
GRK2  
CYP2D6  
ATN1  
MLKL  
ELANE  
ELAVL2  
ESR1  
ESRRA  
ACSL4  
FAT1  
FCGR2B  
SIRT2  
FOXO3  
LPIN1

MLYCD  
FOS  
ALOX12  
ALOX5  
ALOX15  
ALPP  
FNDC5  
ATRNL1  
GC  
GCGR  
PDLIM3  
GLUL  
SLC13A5  
GRN  
SETD2  
NR3C1  
TBK1  
PDIA3  
FOXA1  
ACACB  
HSPA1A  
HSPA1B  
HSP90AA1  
FFAR4  
IDH2  
IRGM  
IGFALS  
CXCL8  
INS  
AQP9  
AR  
ENHO  
LCN2  
LECT2  
MIR126  
MIR149  
MIR20A  
MIR200C  
MIR222



MAS1  
MC4R  
MMP13  
PLIN5  
MUC1  
ATF3  
ATHS  
CCN3  
MIR375  
TNFRSF11B  
IL22  
ACOX1  
ADIPOR1  
CRNKL1  
HSD17B7  
GDE1  
ENPP1  
LUC7L3  
FAM3B  
UGT1A1  
ELOVL2  
AVP  
NAT10  
PTPA  
MEG3  
MAPK1  
MYDGF  
AZGP1  
PRTN3  
PTGS1  
MIR146B  
PTPN1  
NLRC4  
BCAT1  
MOK  
FAM3A  
ROCK1  
HCC  
S100A8

CEACAM1  
SCP2  
CCL20  
SELPLG  
ABCG5  
IL25  
SLC2A1  
SLC2A2  
NCF1  
SLPI  
SPARC  
SPINK1  
SPTBN1  
STAT5A  
STAT5B  
TEK  
TRPV1  
DHRS11  
STEAP4  
CALCR  
ASRGL1  
CASP3  
CASP8  
ORAI1  
TNFSF11  
SOCS1  
CBR1  
RIPK1  
CCN4  
APLN  
SELENBP1  
SOCS3  
USP10  
CD5L  
CD163  
PPIG  
CD68  
MIR873  
MIR190B

CD24  
MIR1224  
PARP2  
LOC100505909  
OCLN  
DNM1L  
ERVK-2  
PARTICL  
PIIF  
IFNL4  
LRPPRC  
SLC25A13  
CDK4  
B4GALT1-AS1  
PRMT3  
PLIN3  
CDK8  
FSTL3  
CDKN2A  
ZNF267  
AKR1A1  
MERTK  
CAP1  
STK25  
NCOA2  
ATG7  
LINC01684  
PRDX4  
CEL  
SORBS1  
AHSA1  
ERLIN1  
CAMKK2  
CXCR6  
SIRT1-AS  
TNFSF13B  
EBP  
YME1L1  
PLK4

HPSE  
PGRMC1  
NMU  
TMED2  
SLC27A2  
LILRB4  
RIPK3  
LOC110806263  
ADAMTS13  
TREH  
LNCARSR  
DUSP12  
CHRM3  
VSIG4  
MGLL  
TXNRD3  
CHUK  
C1QTNF3  
CIDEA  
H3P10  
TWIST2  
CLCN2  
IFTAP  
CYP2R1  
CPT1C  
CNR2  
COL3A1  
SLC31A1  
ADM  
PPARGC1B  
NADK2  
CP  
CPN1  
CPOX  
CPS1  
CREB1  
ATF2  
CREBBP  
CRK

CRMP1  
MAPK14  
FGFBP3  
CSF3  
CSF3R  
SLC38A8  
ZFP90  
CILP2  
CTAA1  
HJV  
CTF1  
CCN2  
PDIK1L  
CTNNA1  
SIK1  
HORMAD2  
CTRL  
CTSB  
CTSD  
CTSG  
CTSS  
ADRB2  
SLC2A12  
CYP2A6  
CYP2B6  
CYP2B7P  
CYP2D7  
CYP2J2  
CYP4A11  
CYP8B1  
CYP19A1  
CYP27B1  
CYP51A1  
DBP  
TMPRSS6  
AEBP1  
DDOST  
TIMM8A  
DHCR7

Disgenet

DIO3  
DMD  
DPYSL3  
SLC26A3  
JAG1  
DSPP  
DUSP9  
EDA  
S1PR1  
EEF1A1  
EGF  
EGR1  
EIF4E  
A2M  
LINC01554  
ENO3  
EPHB2  
EPHB6  
EPO  
AKT2  
ERN1  
ESRRB  
EZH2  
F2RL1  
FABP2  
FABP5  
ACSL1  
PTK2B  
UNC5B  
FBN1  
MARCHF8  
FCGR3A  
FCGR3B  
JAZF1  
GPC4  
FGF1  
FGR  
MLXIP  
ZHX2

ALDOB  
DKK1  
PHLPP2  
SARM1  
AKR1B1  
MPRIIP  
MCF2L  
CRTC1  
SIRT4  
ANGPTL2  
BRD4  
SRRM2  
MMD  
FOSB  
FOSL2  
DDAH1  
DAPK2  
MKRN1  
TMEFF2  
IL17RA  
ZBTB38  
G6PC  
PRDX5  
GALR1  
RNF19A  
WWTR1  
TIPARP  
OSBPL3  
APPL1  
POLDIP2  
TOR1AIP1  
PRPF31  
TRPC4AP  
AMD1  
FGF20  
AMD1P2  
LATS2  
AATF  
GDNF

NOX1  
SIGLEC7  
INTU  
NAAA  
IL37  
GPC3  
GLB1  
GCLC  
RBMS3  
GLI2  
MAT2B  
GLRX  
GNA12  
GNAI3  
GNAO1  
ABO  
GPI  
ANGPT1  
BTBD8  
ANGPT2  
GPR31  
FFAR2  
GPS2  
MYLIP  
CTNNA3  
GSK3B  
GSTM2  
REPIN1  
CERS2  
DMGDH  
SLC2A8  
SLC40A1  
H2AX  
HADHB  
HADH  
HCFC1  
HLA-A  
HLA-C  
HLA-DQA1



HLA-DQB1  
HLA-DQB2  
HLA-DRB1  
AOX1  
NR4A1  
FOXA2  
BPIFA4P  
APOF  
HOXD13  
AIRE  
HRG  
PRMT1  
HSPA4  
HSPA5  
XIAP  
HSPA8  
HSPG2  
APOA1  
HTR2A  
APOA2  
TNC  
HCAR2  
C1QTNF9  
STING1  
CPP  
IFNA1  
IFNA2  
IFNA13  
MOGAT3  
IGF2  
IGFBP1  
IGFBP2  
IGFBP4  
IGFBP7  
KLK3  
IKBKB  
IL2  
CXCR2  
IRF2BP2

INPP5D  
INSIG1  
AQP7  
IRF3  
ITGAM  
ITGB1  
ITIH4  
ITPR2  
JAK1  
JUN  
JUNB  
JUND  
CD82  
AREG  
ACAT1  
ARG2  
KRT8  
RTL1  
C1QL3  
LCAT  
LCP1  
LGALS3  
LIPE  
FADS1  
LNPEP  
LOXL2  
LRP6  
LINC01194  
ARNT  
LTF  
LUM  
MIR130A  
MIR132  
MIR136  
MIR141  
MIR142  
MIR143  
MIR144  
MIR146A

MIR150  
MIR15B  
MIR17  
MIR185  
MIR200B  
MIR205  
MIR206  
MIR212  
MIR223  
MIR23B  
MIR24-1  
MIR27A  
MIR27B  
MIR29B1  
MIR29B2  
MIR29C  
MIR30B  
MIR30C1  
MIR30C2  
ARRB1  
SMAD7  
MAT1A  
DNAJB9  
MEFV  
MET  
MIF  
CXCL9  
MMP9  
MPI  
MPO  
MPST  
MRC1  
ASNS  
EIF2AK4  
MIR330  
MIR331  
MIR367  
MST1  
ND6

MYC  
MYD88  
HNRNPM  
ATF4  
NBN  
NEU1  
NHS  
NNMT  
NOS2  
NOS3  
NOTCH1  
NRF1  
NUCB2  
CISD2  
MIR361  
MIR423  
P2RX5  
P4HA1  
DUOX2  
NOX4  
IL20  
PAPPA  
PC  
SOST  
PCK1  
ABHD5  
INSIG2  
MBTPS2  
ISYNA1  
SIRT6  
PDGFRB  
ARID4B  
SERPINA4  
SERPINB6  
PIGR  
PITX3  
PKM  
PKNOX1  
PLCG1

PLG  
PLTP  
PMCH  
DUOX1  
TREM1  
CCHCR1  
UGT1A10  
UGT1A8  
UGT1A7  
UGT1A6  
EGLN1  
UGT1A4  
CROT  
TET2  
SLC52A1  
PPP1R3C  
PIWIL2  
NUDT11  
APPL2  
SLC47A1  
CWF19L1  
FBXW7  
CHDH  
NLRP2  
TRERF1  
ALLC  
PAG1  
ACOT13  
PRKDC  
ERBIN  
MAPK3  
MAP2K7  
PRLR  
LGALS14  
UBQLN4  
PNO1  
ADAMTS9  
BAAT  
PCBP4

SMURF1  
PTBP1  
PTGFRN  
MIR20B  
MIR193B  
LRRC7  
SEMA6A  
ARRDC3  
PTPN6  
PTPRC  
PTX3  
BAX  
PGAP6  
BCHE  
RARA  
TRPV4  
OPN1LW  
RELA  
ACTB  
RLN2  
BRD2  
RPS6KB1  
SORT1  
S100A4  
CCL5  
CCL17  
CCL19  
CXCL5  
CIDEA  
SELL  
SELP  
SMOC2  
TMBIM1  
SETMAR  
SFRP4  
ABCG8  
SFRP5  
SRSF3  
NSD1

XPO4  
BLVRA  
GORASP1  
ARV1  
ST3GAL4  
WNK1  
SLC2A4  
BMP4  
SLC3A2  
FRTS1  
SLC6A2  
SNHG20  
SLC10A1  
BMP8B  
SLC13A1  
AACS  
SMPD1  
SIGLEC1  
SNAI1  
SORD  
SP1  
SPRR2A  
SQLE  
AKR1D1  
STAR  
STAT1  
STAT6  
SULT1E1  
STK11  
SYT1  
ADAM17  
MAP3K7  
TAZ  
MIR33B  
MIR590  
TCF7L2  
TFAM  
TFF3  
TG

TGFB1I1  
TSPO  
THRSP  
TIMP3  
TLL1  
TLR1  
NR2E1  
TM7SF2  
TMPO  
TNFAIP3  
TNFRSF1A  
TP53BP1  
TPO  
C3  
TRAF3  
DNLZ  
HULC  
UCP1  
UCP3  
SLC35A2  
UGT1A  
UGT2B4  
USP4  
UROD  
UTRN  
VCAM1  
VEGFC  
VIP  
BEST1  
YY1  
ZBTB16  
DUSP26  
ELOVL6  
APOO  
LAP  
PLA2G7  
TFEB  
CALCA  
AIMP2



NLRX1  
KCTD17  
GSDMD  
DHDDS  
HKDC1  
STAM  
CPEB4  
COASY  
FOSL1  
FGF23  
SPX  
SLC7A5  
BAS  
SESN2  
TRAPPC9  
ITCH  
ANGPTL6  
PLA2G6  
CHCHD6  
MAK16  
DGAT2  
CARD6  
FAM83A  
PIK3R3  
CYP4F2  
DENR  
RUNX2  
RTCA  
DGAT1  
ABCC3  
MBTPS1  
TNFSF14  
DLK1  
TRIM24  
CES2  
HDAC3  
SQSTM1  
CCNC  
MBD2

WNT3A  
 CCRL2  
 TBL1Y  
 MYOM2  
 TIMD4  
 ZNF300  
 HACD1  
 NOG  
 GLP2R  
 COX5A  
 GRAP2  
 TMPRSS11D  
 EIF2AK3  
 GGPS1  
 ATG5  
 LITAF  
 CLOCK  
 CD44  
 ABCG1  
 KEAP1  
 PLPPR4  
 MFN2  
 CDC42  
 CDH1

Information of GeneCards						
Gene Symbol	Description	Category	Gifts	GC Id	Relevance	GeneCards Link
TNF	Tumor Necrosis Factor	Protein Coding	51	GC06P047305	100.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNF</a>
IL6	Interleukin 6	Protein Coding	50	GC07P022765	94.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6</a>
INS	Insulin	Protein Coding	48	GC11M002159	94.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=INS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=INS</a>
PNPLA3	Patatin Like Phospholipase Domain Containing 3	Protein Coding	41	GC22P043923	91.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA3</a>
PPARG	Peroxisome Proliferator Activated Receptor Gamma	Protein Coding	52	GC03P012287	75.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARG</a>
IL1B	Interleukin 1 Beta	Protein Coding	48	GC02M112829	75.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1B</a>
GGT1	Gamma-Glutamyltransferase 1	Protein Coding	46	GC22P024927	73.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT1</a>
TLR4	Toll Like Receptor 4	Protein Coding	51	GC09P117704	72.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR4</a>
HFE	Homeostatic Iron Regulator	Protein Coding	43	GC06P026087	71.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HFE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HFE</a>
IL10	Interleukin 10	Protein Coding	47	GC01M206767	68.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL10</a>
LEP	Leptin	Protein Coding	47	GC07P128241	68.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEP</a>
FAS	Fas Cell Surface Death Receptor	Protein Coding	50	GC10P088969	67.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAS</a>

TGFB1	Transforming Growth Factor Beta 1	Protein Coding	52	GC19M041301	67.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB1</a>
NR1H4	Nuclear Receptor Subfamily 1 Group H Member 4	Protein Coding	48	GC12P100473	66.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H4</a>
AKT1	AKT Serine/Threonine Kinase 1	Protein Coding	54	GC14M104769	66.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT1</a>
SLC17A5	Solute Carrier Family 17 Member 5	Protein Coding	44	GC06M073593	65.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC17A5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC17A5</a>
APOB	Apolipoprotein B	Protein Coding	45	GC02M020956	64.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOB</a>
APOE	Apolipoprotein E	Protein Coding	50	GC19P044906	63.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOE</a>
TP53	Tumor Protein P53	Protein Coding	54	GC17M007661	60.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53</a>
HADHA	Hydroxyacyl-CoA Dehydrogenase Trifunctional Multic	Protein Coding	45	GC02M026190	59.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HADHA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HADHA</a>
MIR21	MicroRNA 21	RNA Gene	24	GC17P059841	57.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR21">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR21</a>
ALB	Albumin	Protein Coding	50	GC04P073397	57.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALB</a>
CAT	Catalase	Protein Coding	50	GC11P034460	57.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAT</a>
IRS1	Insulin Receptor Substrate 1	Protein Coding	47	GC02M226731	57.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRS1</a>
APOA1	Apolipoprotein A1	Protein Coding	48	GC11M116835	56.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA1</a>
MTTP	Microsomal Triglyceride Transfer Protein	Protein Coding	44	GC04P099563	56.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTTP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTTP</a>
RETN	Resistin	Protein Coding	43	GC19P007669	55.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RETN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RETN</a>
INSR	Insulin Receptor	Protein Coding	54	GC19M007112	55.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=INSR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=INSR</a>
LEPR	Leptin Receptor	Protein Coding	49	GC01P065421	55.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEPR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEPR</a>
MIR122	MicroRNA 122	RNA Gene	21	GC18P058451	54.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR122">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR122</a>
MLXIPL	MLX Interacting Protein Like	Protein Coding	41	GC07M073593	52.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLXIPL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLXIPL</a>
SERPINE1	Serpin Family E Member 1	Protein Coding	50	GC07P101127	51.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINE1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINE1</a>
RBP4	Retinol Binding Protein 4	Protein Coding	44	GC10M093591	51.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBP4</a>
UCP2	Uncoupling Protein 2	Protein Coding	45	GC11M073974	51.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP2</a>
DDIT3	DNA Damage Inducible Transcript 3	Protein Coding	45	GC12M057516	51.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDIT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDIT3</a>
LPL	Lipoprotein Lipase	Protein Coding	49	GC08P019901	51.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPL</a>
NR1H3	Nuclear Receptor Subfamily 1 Group H Member 3	Protein Coding	47	GC11P047248	51.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H3</a>
GPT	Glutamic--Pyruvic Transaminase	Protein Coding	41	GC08P144502	50.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPT</a>
MIR155	MicroRNA 155	RNA Gene	18	GC21P025573	49.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR155">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR155</a>
ABCB11	ATP Binding Cassette Subfamily B Member 11	Protein Coding	45	GC02M168922	49.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB11</a>
CCL2	C-C Motif Chemokine Ligand 2	Protein Coding	48	GC17P034255	49.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL2</a>
PPARGC1A	PPARG Coactivator 1 Alpha	Protein Coding	46	GC04M023755	49.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARGC1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARGC1A</a>
ADIPOQ	Adiponectin, C1Q And Collagen Domain Containing	Protein Coding	45	GC03P186842	49.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOQ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOQ</a>
IGF1	Insulin Like Growth Factor 1	Protein Coding	50	GC12M102395	48.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF1</a>
HMOX1	Heme Oxygenase 1	Protein Coding	52	GC22P035380	47.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMOX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMOX1</a>
PPARA	Peroxisome Proliferator Activated Receptor Alpha	Protein Coding	45	GC22P046150	47.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARA</a>
IRS2	Insulin Receptor Substrate 2	Protein Coding	44	GC13M109752	47.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRS2</a>
TLR2	Toll Like Receptor 2	Protein Coding	51	GC04P153684	47.01	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR2</a>
CD36	CD36 Molecule	Protein Coding	48	GC07P080369	46.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD36">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD36</a>
CRP	C-Reactive Protein	Protein Coding	46	GC01M159716	45.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRP</a>
HNF4A	Hepatocyte Nuclear Factor 4 Alpha	Protein Coding	50	GC20P044355	45.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNF4A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNF4A</a>

AHSG	Alpha 2-HS Glycoprotein	Protein Coding	44	GC03P186612	45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHSG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHSG</a>
PTEN	Phosphatase And Tensin Homolog	Protein Coding	52	GC10P087863	44.94 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTEN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTEN</a>
MTOR	Mechanistic Target Of Rapamycin Kinase	Protein Coding	54	GC01M011106	44.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTOR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTOR</a>
MIR34A	MicroRNA 34a	RNA Gene	22	GC01M009151	43.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR34A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR34A</a>
CXCL8	C-X-C Motif Chemokine Ligand 8	Protein Coding	41	GC04P073740	43.41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL8</a>
MIR17	MicroRNA 17	RNA Gene	21	GC13P091350	41.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR17</a>
ACACA	Acetyl-CoA Carboxylase Alpha	Protein Coding	48	GC17M037084	41.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACACA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACACA</a>
HGF	Hepatocyte Growth Factor	Protein Coding	52	GC07M081699	41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HGF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HGF</a>
CYP2E1	Cytochrome P450 Family 2 Subfamily E Member 1	Protein Coding	45	GC10P133520	39.75 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2E1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2E1</a>
F2	Coagulation Factor II, Thrombin	Protein Coding	48	GC11P046720	39.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=F2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=F2</a>
MIR126	MicroRNA 126	RNA Gene	22	GC09P136670	39.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR126">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR126</a>
APOC3	Apolipoprotein C3	Protein Coding	43	GC11P116829	39.12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOC3</a>
SOD2	Superoxide Dismutase 2	Protein Coding	51	GC06M159669	38.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD2</a>
SOCS3	Suppressor Of Cytokine Signaling 3	Protein Coding	44	GC17M078356	38.57 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOCS3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOCS3</a>
MIR140	MicroRNA 140	RNA Gene	22	GC16P069934	38.19 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR140">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR140</a>
CPT2	Carnitine Palmitoyltransferase 2	Protein Coding	48	GC01P053196	38.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPT2</a>
IKBKB	Inhibitor Of Nuclear Factor Kappa B Kinase Subunit B	Protein Coding	52	GC08P042271	37.72 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IKBKB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IKBKB</a>
MIR132	MicroRNA 132	RNA Gene	21	GC17M002049	37.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR132">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR132</a>
IFNG	Interferon Gamma	Protein Coding	48	GC12M068064	37.2 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNG</a>
KRT18	Keratin 18	Protein Coding	48	GC12P052948	37.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT18</a>
FASN	Fatty Acid Synthase	Protein Coding	49	GC17M082078	37.02 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FASN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FASN</a>
MIR22	MicroRNA 22	RNA Gene	20	GC17M001713	36.81 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR22">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR22</a>
MIR30A	MicroRNA 30a	RNA Gene	20	GC06M071403	36.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30A</a>
EIF2AK3	Eukaryotic Translation Initiation Factor 2 Alpha Kinase	Protein Coding	48	GC02M088637	36.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK3</a>
SLC2A4	Solute Carrier Family 2 Member 4	Protein Coding	45	GC17P007295	35.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A4</a>
CASP3	Caspase 3	Protein Coding	50	GC04M184627	35.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP3</a>
SREBF1	Sterol Regulatory Element Binding Transcription Factor	Protein Coding	44	GC17M017810	35.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SREBF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SREBF1</a>
MIR31	MicroRNA 31	RNA Gene	20	GC09M021513	34.98 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR31">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR31</a>
AFP	Alpha Fetoprotein	Protein Coding	45	GC04P073431	34.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AFP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AFP</a>
MIR192	MicroRNA 192	RNA Gene	21	GC11M064891	34.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR192">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR192</a>
MIR27A	MicroRNA 27a	RNA Gene	22	GC19M014010	34.59 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR27A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR27A</a>
IL1A	Interleukin 1 Alpha	Protein Coding	44	GC02M112773	34.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1A</a>
CEBPA	CCAAT Enhancer Binding Protein Alpha	Protein Coding	47	GC19M033299	34.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEBPA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEBPA</a>
MAPK8	Mitogen-Activated Protein Kinase 8	Protein Coding	50	GC10P048306	34.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK8</a>
FABP1	Fatty Acid Binding Protein 1	Protein Coding	43	GC02M088122	34.44 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP1</a>
SIRT1	Sirtuin 1	Protein Coding	49	GC10P067884	33.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT1</a>
MIR29C	MicroRNA 29c	RNA Gene	18	GC01M207802	33.53 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29C</a>
VEGFA	Vascular Endothelial Growth Factor A	Protein Coding	48	GC06P043770	33.2 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VEGFA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VEGFA</a>
MIR200B	MicroRNA 200b	RNA Gene	20	GC01P001167	32.94 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200B</a>

MIR10B	MicroRNA 10b	RNA Gene	21	GC02P176150	32.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR10B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR10B</a>
MIR200A	MicroRNA 200a	RNA Gene	21	GC01P001463	32.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200A</a>
MIRLET7D	MicroRNA Let-7d	RNA Gene	21	GC09P094178	32.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7D">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7D</a>
MIR33A	MicroRNA 33a	RNA Gene	18	GC22P041900	32.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR33A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR33A</a>
CCN2	Cellular Communication Network Factor 2	Protein Coding	39	GC06M131948	32.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCN2</a>
MIR200C	MicroRNA 200c	RNA Gene	21	GC12P008229	31.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR200C</a>
CTNNB1	Catenin Beta 1	Protein Coding	53	GC03P041236	31.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTNNB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTNNB1</a>
SMPD1	Sphingomyelin Phosphodiesterase 1	Protein Coding	47	GC11P006390	31.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMPD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMPD1</a>
MIR183	MicroRNA 183	RNA Gene	18	GC07M129789	31.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR183">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR183</a>
CTLA4	Cytotoxic T-Lymphocyte Associated Protein 4	Protein Coding	45	GC02P203867	31.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTLA4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTLA4</a>
SERPINA1	Serpin Family A Member 1	Protein Coding	49	GC14M094376	31.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA1</a>
LMNA	Lamin A/C	Protein Coding	47	GC01P156082	31.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LMNA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LMNA</a>
STAT3	Signal Transducer And Activator Of Transcription 3	Protein Coding	52	GC17M042313	31.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAT3</a>
MIR130A	MicroRNA 130a	RNA Gene	20	GC11P057641	30.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR130A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR130A</a>
FABP4	Fatty Acid Binding Protein 4	Protein Coding	44	GC08M081478	30.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP4</a>
ACE	Angiotensin I Converting Enzyme	Protein Coding	49	GC17P063477	30.9	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACE</a>
PIK3CA	Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit	Protein Coding	52	GC03P179148	30.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CA</a>
MFN2	Mitofusin 2	Protein Coding	48	GC01P011980	30.81	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MFN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MFN2</a>
RELA	RELA Proto-Oncogene, NF-KB Subunit	Protein Coding	50	GC11M065653	30.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RELA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RELA</a>
ATP7B	ATPase Copper Transporting Beta	Protein Coding	47	GC13M051930	30.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP7B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP7B</a>
MIRLET7E	MicroRNA Let-7e	RNA Gene	20	GC19P051718	30.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7E">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7E</a>
GHRL	Ghrelin And Obestatin Prepropeptide	Protein Coding	43	GC03M010285	30.53	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GHRL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GHRL</a>
MIR107	MicroRNA 107	RNA Gene	19	GC10M089600	30.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR107">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR107</a>
MIR26A1	MicroRNA 26a-1	RNA Gene	20	GC03P037969	30.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR26A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR26A1</a>
ABCA1	ATP Binding Cassette Subfamily A Member 1	Protein Coding	48	GC09M104781	30.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCA1</a>
NAFLD1	Fatty Liver Disease 1, Susceptibility To	Genetic Locus	2	GC22U901005	30.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAFLD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAFLD1</a>
MIR203A	MicroRNA 203a	RNA Gene	19	GC14P104655	30.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR203A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR203A</a>
MTHFR	Methylenetetrahydrofolate Reductase	Protein Coding	47	GC01M011785	29.94	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTHFR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MTHFR</a>
FASLG	Fas Ligand	Protein Coding	47	GC01P172628	29.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FASLG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FASLG</a>
TM6SF2	Transmembrane 6 Superfamily Member 2	Protein Coding	29	GC19M019264	29.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TM6SF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TM6SF2</a>
MSR1	Macrophage Scavenger Receptor 1	Protein Coding	46	GC08M016107	29.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MSR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MSR1</a>
EGFR	Epidermal Growth Factor Receptor	Protein Coding	54	GC07P055019	29.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGFR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGFR</a>
MIR16-1	MicroRNA 16-1	RNA Gene	21	GC13M050048	29.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR16-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR16-1</a>
MARS1	Methionyl-TRNA Synthetase 1	Protein Coding	35	GC12P057476	29.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MARS1</a>
XBP1	X-Box Binding Protein 1	Protein Coding	45	GC22M028794	29.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XBP1</a>
MIR125A	MicroRNA 125a	RNA Gene	21	GC19P051720	28.9	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR125A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR125A</a>
MMP9	Matrix Metalloproteinase 9	Protein Coding	52	GC20P046008	28.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP9</a>
ICAM1	Intercellular Adhesion Molecule 1	Protein Coding	50	GC19P010270	28.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ICAM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ICAM1</a>
SOD1	Superoxide Dismutase 1	Protein Coding	51	GC21P031659	28.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD1</a>

CFTR	CF Transmembrane Conductance Regulator	Protein Coding	51	GC07P117287	28.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFTR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFTR</a>
MIRLET7C	MicroRNA Let-7c	RNA Gene	21	GC21P016551	28.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIRLET7C</a>
LIPA	Lipase A, Lysosomal Acid Type	Protein Coding	47	GC10M089213	28.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPA</a>
TNFRSF1A	TNF Receptor Superfamily Member 1A	Protein Coding	49	GC12M006328	28.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF1A</a>
APP	Amyloid Beta Precursor Protein	Protein Coding	51	GC21M025880	28.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APP</a>
ACOX1	Acyl-CoA Oxidase 1	Protein Coding	45	GC17M075941	28.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACOX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACOX1</a>
CPT1A	Carnitine Palmitoyltransferase 1A	Protein Coding	48	GC11M068754	28.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPT1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPT1A</a>
MIR451A	MicroRNA 451a	RNA Gene	17	GC17M028861	28.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR451A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR451A</a>
NDUFS1	NADH:Ubiquinone Oxidoreductase Core Subunit S1	Protein Coding	45	GC02M206114	28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS1</a>
ABCB4	ATP Binding Cassette Subfamily B Member 4	Protein Coding	45	GC07M087401	27.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB4</a>
ADIPOR1	Adiponectin Receptor 1	Protein Coding	44	GC01M202940	27.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOR1</a>
CAV1	Caveolin 1	Protein Coding	48	GC07P116524	27.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAV1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAV1</a>
TIMP1	TIMP Metallopeptidase Inhibitor 1	Protein Coding	45	GC0XP047583	27.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TIMP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TIMP1</a>
MIR30D	MicroRNA 30d	RNA Gene	17	GC08M134804	27.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30D">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30D</a>
IL18	Interleukin 18	Protein Coding	44	GC11M112143	27.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18</a>
ADIPOR2	Adiponectin Receptor 2	Protein Coding	43	GC12P001670	27.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADIPOR2</a>
MIR378A	MicroRNA 378a	RNA Gene	18	GC05P149732	27.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR378A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR378A</a>
STAT1	Signal Transducer And Activator Of Transcription 1	Protein Coding	53	GC02M190908	27.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAT1</a>
JUN	Jun Proto-Oncogene, AP-1 Transcription Factor Subunit	Protein Coding	49	GC01M058780	26.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=JUN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=JUN</a>
MIR483	MicroRNA 483	RNA Gene	18	GC11M002188	26.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR483">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR483</a>
CASP8	Caspase 8	Protein Coding	52	GC02P201233	26.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP8</a>
CP	Ceruloplasmin	Protein Coding	47	GC03M149162	26.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CP</a>
LCAT	Lecithin-Cholesterol Acyltransferase	Protein Coding	47	GC16M067939	26.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCAT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCAT</a>
MAP3K5	Mitogen-Activated Protein Kinase Kinase Kinase 5	Protein Coding	47	GC06M136557	26.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K5</a>
CDKN2A	Cyclin Dependent Kinase Inhibitor 2A	Protein Coding	51	GC09M021967	26.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN2A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN2A</a>
MMP2	Matrix Metallopeptidase 2	Protein Coding	53	GC16P055390	26.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP2</a>
MT-TK	Mitochondrially Encoded tRNA-Lys (AAA/G)	RNA Gene	14	GCMTTP008297	26.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-TK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-TK</a>
ATF4	Activating Transcription Factor 4	Protein Coding	46	GC22P039525	26.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF4</a>
CYCS	Cytochrome C, Somatic	Protein Coding	48	GC07M025118	26.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYCS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYCS</a>
HMGCR	3-Hydroxy-3-Methylglutaryl-CoA Reductase	Protein Coding	45	GC05P075336	26.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMGCR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMGCR</a>
TTR	Transthyretin	Protein Coding	49	GC18P031557	26.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TTR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TTR</a>
NOTCH1	Notch Receptor 1	Protein Coding	51	GC09M136602	26.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOTCH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOTCH1</a>
TF	Transferrin	Protein Coding	49	GC03P133666	26.01	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TF</a>
MPO	Myeloperoxidase	Protein Coding	50	GC17M058269	25.94	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MPO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MPO</a>
MYC	MYC Proto-Oncogene, BHLH Transcription Factor	Protein Coding	51	GC08P127735	25.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYC</a>
FGF21	Fibroblast Growth Factor 21	Protein Coding	40	GC19P048766	25.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF21">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF21</a>
LDLR	Low Density Lipoprotein Receptor	Protein Coding	49	GC19P011061	25.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LDLR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LDLR</a>
TERT	Telomerase Reverse Transcriptase	Protein Coding	51	GC05M001253	25.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TERT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TERT</a>
SREBF2	Sterol Regulatory Element Binding Transcription Factor	Protein Coding	43	GC22P041833	25.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SREBF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SREBF2</a>

NAFLD2	Fatty Liver Disease, Nonalcoholic, Susceptibility To, 2 Genetic Locus		2	GC11U901533	25.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAFLD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAFLD2</a>
PON1	Paraoxonase 1	Protein Coding	45	GC07M095297	25.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PON1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PON1</a>
IL1RN	Interleukin 1 Receptor Antagonist	Protein Coding	48	GC02P115307	25.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1RN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1RN</a>
NFKB1	Nuclear Factor Kappa B Subunit 1	Protein Coding	52	GC04P102501	25.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFKB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFKB1</a>
EGF	Epidermal Growth Factor	Protein Coding	51	GC04P109912	25.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGF</a>
VWF	Von Willebrand Factor	Protein Coding	48	GC12M005917	25.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VWF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VWF</a>
SMAD4	SMAD Family Member 4	Protein Coding	50	GC18P051028	24.89	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD4</a>
JAG1	Jagged Canonical Notch Ligand 1	Protein Coding	50	GC20M010637	24.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=JAG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=JAG1</a>
SQSTM1	Sequestosome 1	Protein Coding	48	GC05P179806	24.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SQSTM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SQSTM1</a>
MIR429	MicroRNA 429	RNA Gene	19	GC01P001464	24.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR429">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR429</a>
SLC25A13	Solute Carrier Family 25 Member 13	Protein Coding	46	GC07M096120	24.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A13</a>
PIK3R1	Phosphoinositide-3-Kinase Regulatory Subunit 1	Protein Coding	51	GC05P068215	24.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R1</a>
ESR1	Estrogen Receptor 1	Protein Coding	53	GC06P151656	23.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESR1</a>
CCND1	Cyclin D1	Protein Coding	52	GC11P069641	23.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCND1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCND1</a>
NOS2	Nitric Oxide Synthase 2	Protein Coding	49	GC17M027756	23.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOS2</a>
BSCL2	BSCL2 Lipid Droplet Biogenesis Associated, Seipin	Protein Coding	42	GC11M063438	23.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BSCL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BSCL2</a>
AKT2	AKT Serine/Threonine Kinase 2	Protein Coding	54	GC19M040230	23.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT2</a>
CETP	Cholesteryl Ester Transfer Protein	Protein Coding	46	GC16P056961	23.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CETP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CETP</a>
VCP	Valosin Containing Protein	Protein Coding	48	GC09M035056	23.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VCP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VCP</a>
GANAB	Glucosidase II Alpha Subunit	Protein Coding	44	GC11M063430	23.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GANAB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GANAB</a>
G6PC	Glucose-6-Phosphatase Catalytic Subunit	Protein Coding	44	GC17P042900	23.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=G6PC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=G6PC</a>
SPP1	Secreted Phosphoprotein 1	Protein Coding	46	GC04P087975	23.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPP1</a>
SERPINC1	Serpin Family C Member 1	Protein Coding	48	GC01M174153	23.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINC1</a>
GCG	Glucagon	Protein Coding	41	GC02M162142	23.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCG</a>
BAX	BCL2 Associated X, Apoptosis Regulator	Protein Coding	48	GC19P048954	22.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BAX">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BAX</a>
HAMP	Hepcidin Antimicrobial Peptide	Protein Coding	44	GC19P038216	22.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HAMP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HAMP</a>
ABCC2	ATP Binding Cassette Subfamily C Member 2	Protein Coding	47	GC10P099782	22.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCC2</a>
HLA-DQB1	Major Histocompatibility Complex, Class II, DQ Beta	Protein Coding	44	GC06M032804	22.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HLA-DQB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HLA-DQB1</a>
BDNF	Brain Derived Neurotrophic Factor	Protein Coding	47	GC11M027654	22.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BDNF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BDNF</a>
VIM	Vimentin	Protein Coding	50	GC10P017227	22.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VIM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VIM</a>
CYP3A4	Cytochrome P450 Family 3 Subfamily A Member 4	Protein Coding	48	GC07M099759	22.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP3A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP3A4</a>
PTPN11	Protein Tyrosine Phosphatase Non-Receptor Type 11	Protein Coding	53	GC12P112418	22.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPN11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPN11</a>
GCKR	Glucokinase Regulator	Protein Coding	40	GC02P027496	22.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCKR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCKR</a>
ELANE	Elastase, Neutrophil Expressed	Protein Coding	46	GC19P000854	22.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELANE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELANE</a>
DPP4	Dipeptidyl Peptidase 4	Protein Coding	50	GC02M161992	22.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DPP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DPP4</a>
MMP1	Matrix Metalloproteinase 1	Protein Coding	51	GC11M102810	22.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP1</a>
CDKN1A	Cyclin Dependent Kinase Inhibitor 1A	Protein Coding	50	GC06P047460	22.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN1A</a>
NDUFS4	NADH:Ubiquinone Oxidoreductase Subunit S4	Protein Coding	44	GC05P053560	21.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS4</a>
CXCL10	C-X-C Motif Chemokine Ligand 10	Protein Coding	44	GC04M076021	21.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL10</a>

HSPB1	Heat Shock Protein Family B (Small) Member 1	Protein Coding	51	GC07P076302	21.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPB1</a>
MT-CO1	Mitochondrially Encoded Cytochrome C Oxidase I	Protein Coding	32	GCMTMP005906	21.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO1</a>
PCSK9	Proprotein Convertase Subtilisin/Kexin Type 9	Protein Coding	51	GC01P055039	21.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCSK9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCSK9</a>
POMC	Proopiomelanocortin	Protein Coding	48	GC02M025160	21.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POMC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POMC</a>
MIR199A1	MicroRNA 199a-1	RNA Gene	18	GC19M010792	21.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR199A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR199A1</a>
MIR181B1	MicroRNA 181b-1	RNA Gene	19	GC01M198858	21.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR181B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR181B1</a>
LIPC	Lipase C, Hepatic Type	Protein Coding	44	GC15P058410	21.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPC</a>
PRMT7	Protein Arginine Methyltransferase 7	Protein Coding	44	GC16P068339	21.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRMT7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRMT7</a>
PRKAG2	Protein Kinase AMP-Activated Non-Catalytic Subunit	Protein Coding	50	GC07M151556	20.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG2</a>
CXCR4	C-X-C Motif Chemokine Receptor 4	Protein Coding	52	GC02M136114	20.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR4</a>
TNFRSF1B	TNF Receptor Superfamily Member 1B	Protein Coding	47	GC01P012167	20.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF1B</a>
SLC2A1	Solute Carrier Family 2 Member 1	Protein Coding	52	GC01M042925	20.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A1</a>
NOD2	Nucleotide Binding Oligomerization Domain Containi	Protein Coding	48	GC16P050693	20.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOD2</a>
THBD	Thrombomodulin	Protein Coding	44	GC20M023026	20.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=THBD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=THBD</a>
NAMPT	Nicotinamide Phosphoribosyltransferase	Protein Coding	48	GC07M106248	20.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAMPT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAMPT</a>
NLRP3	NLR Family Pyrin Domain Containing 3	Protein Coding	47	GC01P247415	20.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRP3</a>
BMP6	Bone Morphogenetic Protein 6	Protein Coding	43	GC06P007726	20.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMP6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMP6</a>
PNPLA2	Patatin Like Phospholipase Domain Containing 2	Protein Coding	44	GC11P000896	20.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA2</a>
MT-CYB	Mitochondrially Encoded Cytochrome B	Protein Coding	31	GCMTMP014749	20.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CYB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CYB</a>
PDGFRB	Platelet Derived Growth Factor Receptor Beta	Protein Coding	55	GC05M150113	20.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFRB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFRB</a>
SDHB	Succinate Dehydrogenase Complex Iron Sulfur Subuni	Protein Coding	47	GC01M017020	20.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHB</a>
IGF1R	Insulin Like Growth Factor 1 Receptor	Protein Coding	54	GC15P098648	20.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF1R">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF1R</a>
NGF	Nerve Growth Factor	Protein Coding	50	GC01M115285	20.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NGF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NGF</a>
CRYAA	Crystallin Alpha A	Protein Coding	44	GC21P043169	20.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRYAA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRYAA</a>
ACTB	Actin Beta	Protein Coding	49	GC07M005527	20.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTB</a>
PKLR	Pyruvate Kinase L/R	Protein Coding	47	GC01M155289	20.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKLR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKLR</a>
HSPD1	Heat Shock Protein Family D (Hsp60) Member 1	Protein Coding	47	GC02M197486	20.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPD1</a>
SCD	Stearoyl-CoA Desaturase	Protein Coding	48	GC10P100347	20.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCD</a>
BCL2	BCL2 Apoptosis Regulator	Protein Coding	51	GC18M063123	20.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCL2</a>
PTGS2	Prostaglandin-Endoperoxide Synthase 2	Protein Coding	48	GC01M186640	19.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTGS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTGS2</a>
TLR9	Toll Like Receptor 9	Protein Coding	45	GC03M052222	19.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR9</a>
SERPINA3	Serpin Family A Member 3	Protein Coding	43	GC14P094612	19.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA3</a>
ERN1	Endoplasmic Reticulum To Nucleus Signaling 1	Protein Coding	45	GC17M064039	19.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERN1</a>
C3	Complement C3	Protein Coding	47	GC19M006677	19.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C3</a>
TLR1	Toll Like Receptor 1	Protein Coding	47	GC04M038797	19.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR1</a>
SDHD	Succinate Dehydrogenase Complex Subunit D	Protein Coding	44	GC11P112087	19.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHD</a>
TGFB2	Transforming Growth Factor Beta Receptor 2	Protein Coding	51	GC03P030623	19.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFB2</a>
DRD2	Dopamine Receptor D2	Protein Coding	50	GC11M113409	19.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD2</a>
TLR6	Toll Like Receptor 6	Protein Coding	44	GC04M038828	19.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLR6</a>



NDUFS3	NADH:Ubiquinone Oxidoreductase Core Subunit S3	Protein Coding	46	GC11P047567	19.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS3</a>
CFH	Complement Factor H	Protein Coding	45	GC01P196621	19.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFH</a>
SLC6A3	Solute Carrier Family 6 Member 3	Protein Coding	49	GC05M001392	19.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A3</a>
TNFSF11	TNF Superfamily Member 11	Protein Coding	47	GC13P042562	19.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFSF11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFSF11</a>
ENPP1	Ectonucleotide Pyrophosphatase/Phosphodiesterase 1	Protein Coding	47	GC06P131808	19.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENPP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENPP1</a>
MIR146A	MicroRNA 146a	RNA Gene	22	GC05P160485	18.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR146A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR146A</a>
LIPE	Lipase E, Hormone Sensitive Type	Protein Coding	47	GC19M042401	18.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIPE</a>
UGT1A1	UDP Glucuronosyltransferase Family 1 Member A1	Protein Coding	48	GC02P233760	18.9	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A1</a>
FGF19	Fibroblast Growth Factor 19	Protein Coding	44	GC11M069699	18.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF19">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF19</a>
NDUFS2	NADH:Ubiquinone Oxidoreductase Core Subunit S2	Protein Coding	44	GC01P161197	18.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS2</a>
AGPAT2	1-Acylglycerol-3-Phosphate O-Acyltransferase 2	Protein Coding	45	GC09M136673	18.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGPAT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGPAT2</a>
MDM2	MDM2 Proto-Oncogene	Protein Coding	52	GC12P068808	18.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MDM2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MDM2</a>
CCL3	C-C Motif Chemokine Ligand 3	Protein Coding	39	GC17M036088	18.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL3</a>
ABCB7	ATP Binding Cassette Subfamily B Member 7	Protein Coding	43	GC0XM075053	18.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCB7</a>
DNMT1	DNA Methyltransferase 1	Protein Coding	50	GC19M010133	18.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNMT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNMT1</a>
NDUFB8	NADH:Ubiquinone Oxidoreductase Subunit B8	Protein Coding	43	GC10M100523	18.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB8</a>
DNAJB11	DnaJ Heat Shock Protein Family (Hsp40) Member B11	Protein Coding	40	GC03P186567	18.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJB11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJB11</a>
SDHC	Succinate Dehydrogenase Complex Subunit C	Protein Coding	44	GC01P161314	18.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHC</a>
CDK4	Cyclin Dependent Kinase 4	Protein Coding	54	GC12M057743	18.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDK4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDK4</a>
FLT1	Fms Related Receptor Tyrosine Kinase 1	Protein Coding	51	GC13M028300	18.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FLT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FLT1</a>
ASS1	Argininosuccinate Synthase 1	Protein Coding	48	GC09P130444	18.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ASS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ASS1</a>
LPA	Lipoprotein(A)	Protein Coding	41	GC06M160531	18.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPA</a>
SLC6A4	Solute Carrier Family 6 Member 4	Protein Coding	47	GC17M030194	18.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A4</a>
SDHA	Succinate Dehydrogenase Complex Flavoprotein Subu	Protein Coding	46	GC05P000208	18.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDHA</a>
FN1	Fibronectin 1	Protein Coding	50	GC02M215360	18.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FN1</a>
IFNA1	Interferon Alpha 1	Protein Coding	39	GC09P021494	17.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNA1</a>
PRKAB1	Protein Kinase AMP-Activated Non-Catalytic Subunit	Protein Coding	47	GC12P119632	17.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAB1</a>
PRKAA1	Protein Kinase AMP-Activated Catalytic Subunit Alph	Protein Coding	47	GC05M040759	17.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAA1</a>
NDUFV1	NADH:Ubiquinone Oxidoreductase Core Subunit V1	Protein Coding	45	GC11P067632	17.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV1</a>
NDUFS7	NADH:Ubiquinone Oxidoreductase Core Subunit S7	Protein Coding	46	GC19P001490	17.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS7</a>
CTSD	Cathepsin D	Protein Coding	52	GC11M001752	17.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSD</a>
CDKN3	Cyclin Dependent Kinase Inhibitor 3	Protein Coding	42	GC14P054398	17.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDKN3</a>
APOA5	Apolipoprotein A5	Protein Coding	44	GC11M116789	17.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA5</a>
IL17A	Interleukin 17A	Protein Coding	42	GC06P052186	17.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL17A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL17A</a>
TARDBP	TAR DNA Binding Protein	Protein Coding	45	GC01P011013	17.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TARDBP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TARDBP</a>
CYP7A1	Cytochrome P450 Family 7 Subfamily A Member 1	Protein Coding	42	GC08M058476	17.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP7A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP7A1</a>
GRN	Granulin Precursor	Protein Coding	47	GC17P044345	17.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRN</a>
AKT3	AKT Serine/Threonine Kinase 3	Protein Coding	52	GC01M243488	17.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKT3</a>
CASR	Calcium Sensing Receptor	Protein Coding	50	GC03P122183	17.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASR</a>

PLAU	Plasminogen Activator, Urokinase	Protein Coding	51	GC10P073909	17.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLAU">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLAU</a>
GCK	Glucokinase	Protein Coding	50	GC07M044145	17.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCK</a>
KRT8	Keratin 8	Protein Coding	47	GC12M052897	17.15	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT8</a>
ANO5	Anoctamin 5	Protein Coding	38	GC11P021799	17.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANO5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANO5</a>
TGFBR1	Transforming Growth Factor Beta Receptor 1	Protein Coding	52	GC09P099104	17.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFBR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGFBR1</a>
EZH2	Enhancer Of Zeste 2 Polycomb Repressive Complex 2	Protein Coding	54	GC07M148807	17.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EZH2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EZH2</a>
IFIH1	Interferon Induced With Helicase C Domain 1	Protein Coding	47	GC02M162267	16.93	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFIH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFIH1</a>
MT-CO2	Mitochondrially Encoded Cytochrome C Oxidase II	Protein Coding	32	GCMTTP007587	16.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO2</a>
PC	Pyruvate Carboxylase	Protein Coding	47	GC11M066848	16.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PC</a>
XDH	Xanthine Dehydrogenase	Protein Coding	47	GC02M031294	16.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XDH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XDH</a>
ALMS1	ALMS1 Centrosome And Basal Body Associated Prote	Protein Coding	41	GC02P073385	16.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALMS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALMS1</a>
MYD88	MYD88 Innate Immune Signal Transduction Adaptor	Protein Coding	50	GC03P038179	16.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYD88">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYD88</a>
GSR	Glutathione-Disulfide Reductase	Protein Coding	48	GC08M030678	16.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSR</a>
FABP2	Fatty Acid Binding Protein 2	Protein Coding	43	GC04M119317	16.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP2</a>
NDUFV2	NADH:Ubiquinone Oxidoreductase Core Subunit V2	Protein Coding	44	GC18P009092	16.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV2</a>
MIR195	MicroRNA 195	RNA Gene	19	GC17M007018	16.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR195">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR195</a>
GH1	Growth Hormone 1	Protein Coding	44	GC17M063917	16.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GH1</a>
MIR151A	MicroRNA 151a	RNA Gene	17	GC08M140733	16.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR151A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR151A</a>
CHUK	Component Of Inhibitor Of Nuclear Factor Kappa B K	Protein Coding	52	GC10M100188	16.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHUK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHUK</a>
HBB	Hemoglobin Subunit Beta	Protein Coding	45	GC11M005352	16.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HBB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HBB</a>
SMARCA4	SWI/SNF Related, Matrix Associated, Actin Depend	Protein Coding	50	GC19P010932	16.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMARCA4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMARCA4</a>
CYP1A1	Cytochrome P450 Family 1 Subfamily A Member 1	Protein Coding	47	GC15M074719	16.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1A1</a>
SIRT3	Sirtuin 3	Protein Coding	48	GC11M000215	16.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT3</a>
CCL4	C-C Motif Chemokine Ligand 4	Protein Coding	40	GC17P036103	16.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL4</a>
FOS	Fos Proto-Oncogene, AP-1 Transcription Factor Subun	Protein Coding	50	GC14P075278	16.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOS</a>
NDUFA13	NADH:Ubiquinone Oxidoreductase Subunit A13	Protein Coding	44	GC19P019515	16.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA13</a>
MEG3	Maternally Expressed 3	RNA Gene	29	GC14P104771	16.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MEG3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MEG3</a>
MIR20A	MicroRNA 20a	RNA Gene	19	GC13P091434	16.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR20A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR20A</a>
FGF23	Fibroblast Growth Factor 23	Protein Coding	45	GC12M004368	16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF23">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGF23</a>
EP300	E1A Binding Protein P300	Protein Coding	50	GC22P041091	15.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EP300">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EP300</a>
PIK3R2	Phosphoinositide-3-Kinase Regulatory Subunit 2	Protein Coding	49	GC19P018153	15.93	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R2</a>
NDUFA9	NADH:Ubiquinone Oxidoreductase Subunit A9	Protein Coding	43	GC12P004649	15.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA9</a>
NDUFB9	NADH:Ubiquinone Oxidoreductase Subunit B9	Protein Coding	44	GC08P124539	15.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB9</a>
MIR181A1	MicroRNA 181a-1	RNA Gene	18	GC01M198860	15.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR181A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR181A1</a>
NDUFA6	NADH:Ubiquinone Oxidoreductase Subunit A6	Protein Coding	44	GC22M042085	15.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA6</a>
VDR	Vitamin D Receptor	Protein Coding	51	GC12M047841	15.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VDR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VDR</a>
LOX	Lysyl Oxidase	Protein Coding	44	GC05M122063	15.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOX">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOX</a>
CTSB	Cathepsin B	Protein Coding	51	GC08M011842	15.81	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSB</a>
GSK3B	Glycogen Synthase Kinase 3 Beta	Protein Coding	50	GC03M119821	15.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSK3B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSK3B</a>

AKR1D1	Aldo-Keto Reductase Family 1 Member D1	Protein Coding	46	GC07P138003	15.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1D1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1D1</a>
IDH1	Isocitrate Dehydrogenase (NADP(+)) 1	Protein Coding	52	GC02M208236	15.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IDH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IDH1</a>
NR1H2	Nuclear Receptor Subfamily 1 Group H Member 2	Protein Coding	48	GC19P050329	15.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1H2</a>
MIR144	MicroRNA 144	RNA Gene	16	GC17M029965	15.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR144">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR144</a>
F3	Coagulation Factor III, Tissue Factor	Protein Coding	45	GC01M094530	15.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=F3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=F3</a>
MIR222	MicroRNA 222	RNA Gene	21	GC0XM045747	15.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR222">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR222</a>
RAC1	Rac Family Small GTPase 1	Protein Coding	49	GC07P006380	15.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAC1</a>
GARS1	Glycyl-TRNA Synthetase 1	Protein Coding	36	GC07P030595	15.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GARS1</a>
COX5A	Cytochrome C Oxidase Subunit 5A	Protein Coding	43	GC15M074919	15.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX5A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX5A</a>
MIR221	MicroRNA 221	RNA Gene	20	GC0XM045746	15.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR221">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR221</a>
APOA2	Apolipoprotein A2	Protein Coding	44	GC01M161222	15.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOA2</a>
NDUFA2	NADH:Ubiquinone Oxidoreductase Subunit A2	Protein Coding	42	GC05M140640	15.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA2</a>
MT-ND6	Mitochondrially Encoded NADH:Ubiquinone Oxidoreductase Core Subunit 6	Protein Coding	32	GCMTM014151	15.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-ND6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-ND6</a>
CDH2	Cadherin 2	Protein Coding	50	GC18M027950	15.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH2</a>
HTR2A	5-Hydroxytryptamine Receptor 2A	Protein Coding	47	GC13M046831	15.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HTR2A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HTR2A</a>
PLIN1	Perilipin 1	Protein Coding	44	GC15M089664	15.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN1</a>
CRAT	Carnitine O-Acetyltransferase	Protein Coding	44	GC09M129094	15.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRAT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRAT</a>
MT-CO3	Mitochondrially Encoded Cytochrome C Oxidase III	Protein Coding	30	GCMTMP009209	15.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-CO3</a>
PIK3CD	Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit	Protein Coding	53	GC01P009629	15.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CD</a>
TNFAIP3	TNF Alpha Induced Protein 3	Protein Coding	48	GC06P137866	15.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFAIP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFAIP3</a>
EIF2S1	Eukaryotic Translation Initiation Factor 2 Subunit Alpha	Protein Coding	44	GC14P067359	14.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2S1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2S1</a>
NDUFS8	NADH:Ubiquinone Oxidoreductase Core Subunit S8	Protein Coding	45	GC11P068030	14.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS8</a>
MIR214	MicroRNA 214	RNA Gene	20	GC01M172234	14.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR214">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR214</a>
CPOX	Coproporphyrinogen Oxidase	Protein Coding	43	GC03M098576	14.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPOX">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPOX</a>
MIR27B	MicroRNA 27b	RNA Gene	21	GC09P095097	14.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR27B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR27B</a>
CDC42	Cell Division Cycle 42	Protein Coding	51	GC01P022057	14.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDC42">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDC42</a>
SLC40A1	Solute Carrier Family 40 Member 1	Protein Coding	46	GC02M189560	14.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC40A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC40A1</a>
GSTM1	Glutathione S-Transferase Mu 1	Protein Coding	41	GC01P109687	14.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTM1</a>
CYP1A2	Cytochrome P450 Family 1 Subfamily A Member 2	Protein Coding	45	GC15P074748	14.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1A2</a>
GSTP1	Glutathione S-Transferase Pi 1	Protein Coding	50	GC11P067583	14.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTP1</a>
HIF1A	Hypoxia Inducible Factor 1 Subunit Alpha	Protein Coding	47	GC14P061695	14.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIF1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIF1A</a>
SPINK1	Serine Peptidase Inhibitor Kazal Type 1	Protein Coding	43	GC05M147825	14.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPINK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPINK1</a>
CCL5	C-C Motif Chemokine Ligand 5	Protein Coding	43	GC17M035871	14.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL5</a>
SUMF1	Sulfatase Modifying Factor 1	Protein Coding	43	GC03M003700	14.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUMF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUMF1</a>
NDUFA1	NADH:Ubiquinone Oxidoreductase Subunit A1	Protein Coding	44	GC0XP119871	14.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA1</a>
AGTR1	Angiotensin II Receptor Type 1	Protein Coding	51	GC03P148697	14.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGTR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGTR1</a>
CHI3L1	Chitinase 3 Like 1	Protein Coding	43	GC01M203148	14.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHI3L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHI3L1</a>
CYBB	Cytochrome B-245 Beta Chain	Protein Coding	47	GC0XP037780	14.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYBB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYBB</a>
NDUFB11	NADH:Ubiquinone Oxidoreductase Subunit B11	Protein Coding	39	GC0XM047142	14.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB11</a>

SMAD7	SMAD Family Member 7	Protein Coding	43	GC18M048919	14.34 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD7</a>
NDUFS6	NADH:Ubiquinone Oxidoreductase Subunit S6	Protein Coding	43	GC05P001801	14.3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS6</a>
COX6B1	Cytochrome C Oxidase Subunit 6B1	Protein Coding	43	GC19P038224	14.25 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6B1</a>
BGLAP	Bone Gamma-Carboxyglutamate Protein	Protein Coding	40	GC01P156242	14.23 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BGLAP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BGLAP</a>
CHIT1	Chitinase 1	Protein Coding	43	GC01M203181	14.22 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHIT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHIT1</a>
NFE2L2	Nuclear Factor, Erythroid 2 Like 2	Protein Coding	48	GC02M177227	14.2 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2L2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2L2</a>
MIR182	MicroRNA 182	RNA Gene	20	GC07M129770	14.19 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR182">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR182</a>
DGAT1	Diacylglycerol O-Acyltransferase 1	Protein Coding	47	GC08M144316	14.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGAT1</a>
KRT7	Keratin 7	Protein Coding	41	GC12P052232	14.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT7</a>
ELOVL6	ELOVL Fatty Acid Elongase 6	Protein Coding	40	GC04M110045	14.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELOVL6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELOVL6</a>
SERPINA6	Serpin Family A Member 6	Protein Coding	43	GC14M094341	14.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA6</a>
TFR2	Transferrin Receptor 2	Protein Coding	44	GC07M100620	14.02 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFR2</a>
CRH	Corticotropin Releasing Hormone	Protein Coding	44	GC08M066176	14 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRH</a>
RXRA	Retinoid X Receptor Alpha	Protein Coding	49	GC09P134317	13.99 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RXRA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RXRA</a>
BMPR1A	Bone Morphogenetic Protein Receptor Type 1A	Protein Coding	51	GC10P086756	13.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMPR1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMPR1A</a>
ERBB4	Erb-B2 Receptor Tyrosine Kinase 4	Protein Coding	55	GC02M211375	13.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERBB4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERBB4</a>
ALPP	Alkaline Phosphatase, Placental	Protein Coding	46	GC02P232378	13.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPP</a>
TNFRSF11B	TNF Receptor Superfamily Member 11b	Protein Coding	47	GC08M118923	13.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF11B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF11B</a>
CYP17A1	Cytochrome P450 Family 17 Subfamily A Member 1	Protein Coding	48	GC10M102830	13.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP17A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP17A1</a>
PLA2G4A	Phospholipase A2 Group IVA	Protein Coding	49	GC01P186798	13.82 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLA2G4A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLA2G4A</a>
NDUFB3	NADH:Ubiquinone Oxidoreductase Subunit B3	Protein Coding	42	GC02P201071	13.82 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB3</a>
VCAM1	Vascular Cell Adhesion Molecule 1	Protein Coding	45	GC01P100719	13.8 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VCAM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VCAM1</a>
LRP6	LDL Receptor Related Protein 6	Protein Coding	48	GC12M013893	13.8 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRP6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRP6</a>
SERPINF2	Serpin Family F Member 2	Protein Coding	44	GC17P001742	13.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINF2</a>
ETS1	ETS Proto-Oncogene 1, Transcription Factor	Protein Coding	49	GC11M128458	13.72 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ETS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ETS1</a>
HSD11B1	Hydroxysteroid 11-Beta Dehydrogenase 1	Protein Coding	49	GC01P209686	13.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD11B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD11B1</a>
FGFR4	Fibroblast Growth Factor Receptor 4	Protein Coding	51	GC05P177086	13.69 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGFR4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGFR4</a>
LCN2	Lipocalin 2	Protein Coding	43	GC09P128149	13.67 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCN2</a>
ADH1C	Alcohol Dehydrogenase 1C (Class I), Gamma Polypeptide	Protein Coding	42	GC04M099336	13.67 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1C</a>
ALPL	Alkaline Phosphatase, Biom mineralization Associated	Protein Coding	50	GC01P021508	13.66 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPL</a>
SHBG	Sex Hormone Binding Globulin	Protein Coding	40	GC17P007613	13.61 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHBG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHBG</a>
MYF5	Myogenic Factor 5	Protein Coding	40	GC12P080716	13.61 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYF5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYF5</a>
DSP	Desmoplakin	Protein Coding	49	GC06P007541	13.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DSP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DSP</a>
CA2	Carbonic Anhydrase 2	Protein Coding	51	GC08P085463	13.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CA2</a>
FABP3	Fatty Acid Binding Protein 3	Protein Coding	44	GC01M031365	13.59 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP3</a>
KRT19	Keratin 19	Protein Coding	45	GC17M041523	13.59 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT19">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT19</a>
CD55	CD55 Molecule (Cromer Blood Group)	Protein Coding	47	GC01P207321	13.52 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD55">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD55</a>
IFNA2	Interferon Alpha 2	Protein Coding	41	GC09M021384	13.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNA2</a>
MIR15B	MicroRNA 15b	RNA Gene	18	GC03P160404	13.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR15B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR15B</a>

SELE	Selectin E	Protein Coding	44	GC01M169722	13.41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SELE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SELE</a>
CNR1	Cannabinoid Receptor 1	Protein Coding	46	GC06M088139	13.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNR1</a>
MAPK10	Mitogen-Activated Protein Kinase 10	Protein Coding	51	GC04M085990	13.39 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK10</a>
HP	Haptoglobin	Protein Coding	44	GC16P072089	13.38 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HP</a>
ERCC2	ERCC Excision Repair 2, TFIIH Core Complex Helica	Protein Coding	47	GC19M045349	13.35 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERCC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERCC2</a>
HUWE1	HECT, UBA And WWE Domain Containing E3 Ubiquitin	Protein Coding	44	GC0XM053532	13.29 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HUWE1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HUWE1</a>
MAPK14	Mitogen-Activated Protein Kinase 14	Protein Coding	51	GC06P047451	13.27 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK14</a>
AGT	Angiotensinogen	Protein Coding	49	GC01M230702	13.23 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGT</a>
NDUFA10	NADH:Ubiquinone Oxidoreductase Subunit A10	Protein Coding	44	GC02M239893	13.16 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA10</a>
UQCRC2	Ubiquinol-Cytochrome C Reductase Core Protein 2	Protein Coding	46	GC16P021963	13.12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRC2</a>
NDUFA12	NADH:Ubiquinone Oxidoreductase Subunit A12	Protein Coding	44	GC12M094898	13.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA12</a>
CD44	CD44 Molecule (Indian Blood Group)	Protein Coding	47	GC11P035139	13.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD44">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD44</a>
IRF1	Interferon Regulatory Factor 1	Protein Coding	47	GC05M132481	13.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF1</a>
WNT3A	Wnt Family Member 3A	Protein Coding	47	GC01P228127	13.04 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=WNT3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=WNT3A</a>
GLUD1	Glutamate Dehydrogenase 1	Protein Coding	50	GC10M087050	13.02 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLUD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLUD1</a>
ALDH2	Aldehyde Dehydrogenase 2 Family Member	Protein Coding	50	GC12P111766	13.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALDH2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALDH2</a>
SELP	Selectin P	Protein Coding	45	GC01M169558	12.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SELP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SELP</a>
MIR154	MicroRNA 154	RNA Gene	18	GC14P104778	12.94 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR154">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR154</a>
HJV	Hemojuvelin BMP Co-Receptor	Protein Coding	35	GC01M146018	12.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HJV">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HJV</a>
SMAD3	SMAD Family Member 3	Protein Coding	49	GC15P067063	12.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMAD3</a>
PEMT	Phosphatidylethanolamine N-Methyltransferase	Protein Coding	41	GC17M017506	12.86 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEMT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEMT</a>
IL6R	Interleukin 6 Receptor	Protein Coding	48	GC01P154405	12.85 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6R">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6R</a>
TNFSF10	TNF Superfamily Member 10	Protein Coding	46	GC03M172505	12.81 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFSF10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFSF10</a>
ADH1B	Alcohol Dehydrogenase 1B (Class I), Beta Polypeptide	Protein Coding	43	GC04M099304	12.77 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1B</a>
MT-ND3	Mitochondrially Encoded NADH:Ubiquinone Oxidoreductase	Protein Coding	31	GCMTPO10061	12.75 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-ND3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MT-ND3</a>
CYP1B1	Cytochrome P450 Family 1 Subfamily B Member 1	Protein Coding	48	GC02M038034	12.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP1B1</a>
NPPB	Natriuretic Peptide B	Protein Coding	44	GC01M011858	12.66 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPPB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPPB</a>
MIR23B	MicroRNA 23b	RNA Gene	20	GC09P095085	12.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR23B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR23B</a>
AIFM1	Apoptosis Inducing Factor Mitochondria Associated 1	Protein Coding	49	GC0XM130129	12.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AIFM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AIFM1</a>
MYH9	Myosin Heavy Chain 9	Protein Coding	49	GC22M036281	12.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH9</a>
SLC27A1	Solute Carrier Family 27 Member 1	Protein Coding	41	GC19P023305	12.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC27A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC27A1</a>
CYC1	Cytochrome C1	Protein Coding	45	GC08P144095	12.48 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYC1</a>
LNCARSR	LncRNA Regulator Of Akt Signaling Associated With	RNA Gene	10	GC09M079507	12.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LNCARSR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LNCARSR</a>
FADS2	Fatty Acid Desaturase 2	Protein Coding	44	GC11P061792	12.44 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FADS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FADS2</a>
DRD3	Dopamine Receptor D3	Protein Coding	44	GC03M114128	12.44 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD3</a>
SCARB1	Scavenger Receptor Class B Member 1	Protein Coding	45	GC12M124776	12.43 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCARB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCARB1</a>
CEL	Carboxyl Ester Lipase	Protein Coding	46	GC09P133061	12.37 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEL</a>
UCP1	Uncoupling Protein 1	Protein Coding	44	GC04M140559	12.34 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP1</a>
MMP13	Matrix Metalloproteinase 13	Protein Coding	50	GC11M102942	12.29 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP13</a>

ADA2	Adenosine Deaminase 2	Protein Coding	34	GC22M017179	12.29 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADA2</a>
NR1I2	Nuclear Receptor Subfamily 1 Group I Member 2	Protein Coding	45	GC03P119780	12.16 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1I2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1I2</a>
LIVAR	Liver Cell Viability Associated LncRNA	RNA Gene	10	GC18M070336	12.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIVAR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LIVAR</a>
LRPPRC	Leucine Rich Pentatricopeptide Repeat Containing	Protein Coding	42	GC02M043850	12.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRPPRC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRPPRC</a>
HNRNPA1	Heterogeneous Nuclear Ribonucleoprotein A1	Protein Coding	45	GC12P054280	12.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA1</a>
PRKAA2	Protein Kinase AMP-Activated Catalytic Subunit Alpha	Protein Coding	50	GC01P056645	12.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAA2</a>
CPS1	Carbamoyl-Phosphate Synthase 1	Protein Coding	45	GC02P210477	12.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPS1</a>
TIMP2	TIMP Metalloproteinase Inhibitor 2	Protein Coding	44	GC17M078852	12.04 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TIMP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TIMP2</a>
PRSS1	Serine Protease 1	Protein Coding	45	GC07P144938	12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRSS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRSS1</a>
CYBA	Cytochrome B-245 Alpha Chain	Protein Coding	47	GC16M088643	11.98 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYBA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYBA</a>
IGFBP3	Insulin Like Growth Factor Binding Protein 3	Protein Coding	45	GC07M045912	11.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGFBP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGFBP3</a>
MIR95	MicroRNA 95	RNA Gene	16	GC04M008007	11.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR95">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR95</a>
CYP2A6	Cytochrome P450 Family 2 Subfamily A Member 6	Protein Coding	47	GC19M040843	11.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2A6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2A6</a>
ADRB3	Adrenoceptor Beta 3	Protein Coding	45	GC08M037962	11.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB3</a>
MIR187	MicroRNA 187	RNA Gene	17	GC18M035904	11.82 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR187">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR187</a>
NDUFA11	NADH:Ubiquinone Oxidoreductase Subunit A11	Protein Coding	37	GC19M005891	11.75 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA11</a>
FLI1	Fli-1 Proto-Oncogene, ETS Transcription Factor	Protein Coding	49	GC11P128686	11.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FLI1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FLI1</a>
SHH	Sonic Hedgehog Signaling Molecule	Protein Coding	50	GC07M155799	11.69 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHH</a>
HSP90AA1	Heat Shock Protein 90 Alpha Family Class A Member	Protein Coding	48	GC14M102080	11.63 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AA1</a>
PRL	Prolactin	Protein Coding	44	GC06M022230	11.62 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRL</a>
PARP1	Poly(ADP-Ribose) Polymerase 1	Protein Coding	49	GC01M226360	11.61 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PARP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PARP1</a>
UQCRCQ	Ubiquinol-Cytochrome C Reductase Complex III Subu	Protein Coding	41	GC05P132866	11.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRCQ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRCQ</a>
COX8A	Cytochrome C Oxidase Subunit 8A	Protein Coding	41	GC11P063977	11.57 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX8A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX8A</a>
FGA	Fibrinogen Alpha Chain	Protein Coding	47	GC04M154583	11.44 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGA</a>
HBA1	Hemoglobin Subunit Alpha 1	Protein Coding	42	GC16P001370	11.37 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HBA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HBA1</a>
SLC27A2	Solute Carrier Family 27 Member 2	Protein Coding	45	GC15P050182	11.34 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC27A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC27A2</a>
IL15	Interleukin 15	Protein Coding	40	GC04P141636	11.28 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL15">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL15</a>
LITAF	Lipopolysaccharide Induced TNF Factor	Protein Coding	44	GC16M011547	11.25 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LITAF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LITAF</a>
CSF1	Colony Stimulating Factor 1	Protein Coding	43	GC01P109911	11.22 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CSF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CSF1</a>
IL1R1	Interleukin 1 Receptor Type 1	Protein Coding	45	GC02P102136	11.19 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1R1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1R1</a>
GC	GC Vitamin D Binding Protein	Protein Coding	43	GC04M071741	11.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GC</a>
STAR	Steroidogenic Acute Regulatory Protein	Protein Coding	46	GC08M038145	11.13 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STAR</a>
NPY	Neuropeptide Y	Protein Coding	45	GC07P024290	11.13 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPY">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPY</a>
CES1	Carboxylesterase 1	Protein Coding	46	GC16M055836	11.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CES1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CES1</a>
COX4I1	Cytochrome C Oxidase Subunit 4I1	Protein Coding	44	GC16P085798	11.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX4I1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX4I1</a>
AHR	Aryl Hydrocarbon Receptor	Protein Coding	48	GC07P016916	11.09 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHR</a>
FABP12	Fatty Acid Binding Protein 12	Protein Coding	31	GC08M081524	11.09 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FABP12</a>
IFNL3	Interferon Lambda 3	Protein Coding	35	GC19M039243	11.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNL3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNL3</a>
CLU	Clusterin	Protein Coding	46	GC08M027596	11.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLU">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLU</a>

DDX3X	DEAD-Box Helicase 3 X-Linked	Protein Coding	47	GC0XP041333	11.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX3X">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX3X</a>
DKK1	Dickkopf WNT Signaling Pathway Inhibitor 1	Protein Coding	45	GC10P052314	11.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DKK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DKK1</a>
SLC10A1	Solute Carrier Family 10 Member 1	Protein Coding	43	GC14M069775	11.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC10A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC10A1</a>
CXCR3	C-X-C Motif Chemokine Receptor 3	Protein Coding	44	GC0XM071615	10.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR3</a>
CASP7	Caspase 7	Protein Coding	50	GC10P113679	10.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP7</a>
S100A9	S100 Calcium Binding Protein A9	Protein Coding	43	GC01P153357	10.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=S100A9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=S100A9</a>
CASP9	Caspase 9	Protein Coding	48	GC01M015491	10.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP9</a>
MIR29A	MicroRNA 29a	RNA Gene	21	GC07M130876	10.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29A</a>
TET2	Tet Methylcytosine Dioxygenase 2	Protein Coding	44	GC04P105145	10.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TET2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TET2</a>
RARS1	Arginyl-TRNA Synthetase 1	Protein Coding	35	GC05P168487	10.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RARS1</a>
BIRC5	Baculoviral IAP Repeat Containing 5	Protein Coding	47	GC17P078214	10.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC5</a>
HSPG2	Heparan Sulfate Proteoglycan 2	Protein Coding	45	GC01M021822	10.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPG2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPG2</a>
XRCC4	X-Ray Repair Cross Complementing 4	Protein Coding	43	GC05P083077	10.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC4</a>
CLCN2	Chloride Voltage-Gated Channel 2	Protein Coding	45	GC03M184346	10.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLCN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLCN2</a>
PIIG	Peptidylprolyl Isomerase G	Protein Coding	41	GC02P169584	10.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIIG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIIG</a>
SP1	Sp1 Transcription Factor	Protein Coding	44	GC12P053380	10.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SP1</a>
GHR	Growth Hormone Receptor	Protein Coding	47	GC05P042429	10.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GHR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GHR</a>
DNASE1	Deoxyribonuclease 1	Protein Coding	41	GC16P003611	10.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNASE1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNASE1</a>
IGFBP1	Insulin Like Growth Factor Binding Protein 1	Protein Coding	43	GC07P046552	10.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGFBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGFBP1</a>
GFER	Growth Factor, Augmenter Of Liver Regeneration	Protein Coding	45	GC16P001984	10.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GFER">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GFER</a>
TMPRSS6	Transmembrane Serine Protease 6	Protein Coding	44	GC22M037066	10.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMPRSS6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMPRSS6</a>
ADRB2	Adrenoceptor Beta 2	Protein Coding	48	GC05P148825	10.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB2</a>
FTL	Ferritin Light Chain	Protein Coding	47	GC19P048965	10.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FTL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FTL</a>
DGAT2	Diacylglycerol O-Acyltransferase 2	Protein Coding	43	GC11P075759	10.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGAT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGAT2</a>
HSPA5	Heat Shock Protein Family A (Hsp70) Member 5	Protein Coding	47	GC09M125234	10.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA5</a>
SPARC	Secreted Protein Acidic And Cysteine Rich	Protein Coding	50	GC05M151639	10.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPARC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPARC</a>
GAL	Galanin And GMAP Prepropeptide	Protein Coding	44	GC11P068684	10.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GAL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GAL</a>
NR0B2	Nuclear Receptor Subfamily 0 Group B Member 2	Protein Coding	43	GC01M026922	10.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR0B2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR0B2</a>
EPRS1	Glutamyl-Prolyl-TRNA Synthetase 1	Protein Coding	36	GC01M219969	10.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPRS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPRS1</a>
IL21	Interleukin 21	Protein Coding	43	GC04M122612	10.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL21">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL21</a>
KL	Klotho	Protein Coding	44	GC13P033016	10.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KL</a>
PTPN1	Protein Tyrosine Phosphatase Non-Receptor Type 1	Protein Coding	51	GC20P050510	10.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPN1</a>
MIR29B1	MicroRNA 29b-1	RNA Gene	21	GC07M130877	10.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR29B1</a>
MAOA	Monoamine Oxidase A	Protein Coding	50	GC0XP043654	10.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAOA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAOA</a>
FGB	Fibrinogen Beta Chain	Protein Coding	45	GC04P154564	10.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGB</a>
CCK	Cholecystokinin	Protein Coding	41	GC03M042274	10.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCK</a>
GDF15	Growth Differentiation Factor 15	Protein Coding	41	GC19P023329	10.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GDF15">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GDF15</a>
DRD1	Dopamine Receptor D1	Protein Coding	44	GC05M175440	10.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD1</a>
DNMT3A	DNA Methyltransferase 3 Alpha	Protein Coding	51	GC02M025228	10.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNMT3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNMT3A</a>

MIR149	MicroRNA 149	RNA Gene	21	GC02P240456	10.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR149">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR149</a>
EIF2AK4	Eukaryotic Translation Initiation Factor 2 Alpha Kinase	Protein Coding	44	GC15P039934	10.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK4</a>
GPX1	Glutathione Peroxidase 1	Protein Coding	48	GC03M049368	10.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPX1</a>
PIK3CB	Phosphatidylinositol-4,5-Bisphosphate 3-Kinase Catalytic Subunit	Protein Coding	47	GC03M138652	10.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3CB</a>
MIR33B	MicroRNA 33b	RNA Gene	18	GC17M017813	9.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR33B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR33B</a>
ITCH	Itchy E3 Ubiquitin Protein Ligase	Protein Coding	45	GC20P034363	9.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITCH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITCH</a>
MST1	Macrophage Stimulating 1	Protein Coding	44	GC03M049683	9.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MST1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MST1</a>
NQO1	NAD(P)H Quinone Dehydrogenase 1	Protein Coding	49	GC16M069706	9.89	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NQO1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NQO1</a>
HMGB1	High Mobility Group Box 1	Protein Coding	44	GC13M030456	9.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMGB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMGB1</a>
COL3A1	Collagen Type III Alpha 1 Chain	Protein Coding	47	GC02P188974	9.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL3A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL3A1</a>
LTBP3	Latent Transforming Growth Factor Beta Binding Protein 3	Protein Coding	41	GC11M065538	9.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LTBP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LTBP3</a>
PPARD	Peroxisome Proliferator Activated Receptor Delta	Protein Coding	47	GC06P047433	9.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPARD</a>
TPM2	Tropomyosin 2	Protein Coding	44	GC09M035672	9.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM2</a>
PIK3R3	Phosphoinositide-3-Kinase Regulatory Subunit 3	Protein Coding	43	GC01M046041	9.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIK3R3</a>
THBS1	Thrombospondin 1	Protein Coding	44	GC15P039581	9.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=THBS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=THBS1</a>
AKR1A1	Aldo-Keto Reductase Family 1 Member A1	Protein Coding	44	GC01P045550	9.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1A1</a>
MIR9-1	MicroRNA 9-1	RNA Gene	20	GC01M156420	9.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR9-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR9-1</a>
APPL1	Adaptor Protein, Phosphotyrosine Interacting With PH Domain	Protein Coding	45	GC03P057227	9.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APPL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APPL1</a>
RARRES2	Retinoic Acid Receptor Responder 2	Protein Coding	39	GC07M150333	9.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RARRES2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RARRES2</a>
SDCCAG8	SHH Signaling And Ciliogenesis Regulator SDCCAG8	Protein Coding	41	GC01P243255	9.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDCCAG8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDCCAG8</a>
AGER	Advanced Glycosylation End-Product Specific Receptor	Protein Coding	44	GC06M032180	9.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGER">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGER</a>
TMPO	Thymopoietin	Protein Coding	45	GC12P098515	9.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMPO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMPO</a>
EPAS1	Endothelial PAS Domain Protein 1	Protein Coding	48	GC02P046293	9.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPAS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPAS1</a>
IRF8	Interferon Regulatory Factor 8	Protein Coding	45	GC16P085898	9.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF8</a>
NR5A2	Nuclear Receptor Subfamily 5 Group A Member 2	Protein Coding	45	GC01P199996	9.53	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR5A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR5A2</a>
SLC25A22	Solute Carrier Family 25 Member 22	Protein Coding	41	GC11M000791	9.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A22">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A22</a>
CD163	CD163 Molecule	Protein Coding	42	GC12M007471	9.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD163">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD163</a>
SHC1	SHC Adaptor Protein 1	Protein Coding	45	GC01M154962	9.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SHC1</a>
UQCRB	Ubiquinol-Cytochrome C Reductase Binding Protein	Protein Coding	43	GC08M096225	9.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRB</a>
EIF4G1	Eukaryotic Translation Initiation Factor 4 Gamma 1	Protein Coding	45	GC03P184314	9.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4G1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4G1</a>
SI	Sucrase-Isomaltase	Protein Coding	43	GC03M164978	9.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SI">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SI</a>
RPS6KB1	Ribosomal Protein S6 Kinase B1	Protein Coding	49	GC17P059893	9.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS6KB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS6KB1</a>
PLAUR	Plasminogen Activator, Urokinase Receptor	Protein Coding	44	GC19M043646	9.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLAUR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLAUR</a>
PALLD	Palladin, Cytoskeletal Associated Protein	Protein Coding	42	GC04P168497	9.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PALLD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PALLD</a>
TPM1	Tropomyosin 1	Protein Coding	48	GC15P073930	9.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM1</a>
COX6A1	Cytochrome C Oxidase Subunit 6A1	Protein Coding	44	GC12P120439	9.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6A1</a>
USF1	Upstream Transcription Factor 1	Protein Coding	43	GC01M161039	9.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=USF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=USF1</a>
PEPD	Peptidase D	Protein Coding	45	GC19M033386	9.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEPD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEPD</a>
CD59	CD59 Molecule (CD59 Blood Group)	Protein Coding	46	GC11M033704	9.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD59">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD59</a>



CLRN1	Clarin 1	Protein Coding	35	GC03M150926	9.15 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLRN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLRN1</a>
ABCG1	ATP Binding Cassette Subfamily G Member 1	Protein Coding	43	GC21P042199	9.08 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCG1</a>
NAT2	N-Acetyltransferase 2	Protein Coding	43	GC08P018391	9.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAT2</a>
P4HB	Prolyl 4-Hydroxylase Subunit Beta	Protein Coding	49	GC17M081843	9.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=P4HB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=P4HB</a>
GOLM1	Golgi Membrane Protein 1	Protein Coding	39	GC09M086026	9.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOLM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOLM1</a>
MAPK9	Mitogen-Activated Protein Kinase 9	Protein Coding	48	GC05M180234	9.02 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK9</a>
LEPQTL1	Leptin, Serum Levels Of	Genetic Locus	3	GC02U903086	9.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEPQTL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEPQTL1</a>
CFLAR	CASP8 And FADD Like Apoptosis Regulator	Protein Coding	46	GC02P201117	9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFLAR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFLAR</a>
NPC1L1	NPC1 Like Intracellular Cholesterol Transporter 1	Protein Coding	44	GC07M044512	8.99 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPC1L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NPC1L1</a>
LGALS3	Galectin 3	Protein Coding	44	GC14P055124	8.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGALS3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGALS3</a>
CD14	CD14 Molecule	Protein Coding	44	GC05M140631	8.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD14</a>
IL17RA	Interleukin 17 Receptor A	Protein Coding	44	GC22P017086	8.89 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL17RA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL17RA</a>
NDUFAB1	NADH:Ubiquinone Oxidoreductase Subunit AB1	Protein Coding	40	GC16M023582	8.85 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFAB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFAB1</a>
AREG	Amphiregulin	Protein Coding	43	GC04P074445	8.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AREG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AREG</a>
FDFT1	Farnesyl-Diphosphate Farnesyltransferase 1	Protein Coding	44	GC08P011795	8.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FDFT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FDFT1</a>
DPM1	Dolichyl-Phosphate Mannosyltransferase Subunit 1, C	Protein Coding	44	GC20M050934	8.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DPM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DPM1</a>
NEAT1	Nuclear Paraspeckle Assembly Transcript 1	RNA Gene	23	GC11P065794	8.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NEAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NEAT1</a>
TPM3	Tropomyosin 3	Protein Coding	47	GC01M154127	8.69 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM3</a>
GABRG2	Gamma-Aminobutyric Acid Type A Receptor Subunit	Protein Coding	46	GC05P162000	8.67 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GABRG2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GABRG2</a>
DICER1	Dicer 1, Ribonuclease III	Protein Coding	47	GC14M095086	8.66 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DICER1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DICER1</a>
PLIN2	Perilipin 2	Protein Coding	43	GC09M019115	8.64 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN2</a>
NLRC4	NLR Family CARD Domain Containing 4	Protein Coding	44	GC02M032224	8.63 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRC4</a>
MERTK	MER Proto-Oncogene, Tyrosine Kinase	Protein Coding	50	GC02P111898	8.62 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MERTK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MERTK</a>
KEAP1	Kelch Like ECH Associated Protein 1	Protein Coding	48	GC19M010486	8.58 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KEAP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KEAP1</a>
ATP5F1E	ATP Synthase F1 Subunit Epsilon	Protein Coding	32	GC20M059026	8.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP5F1E">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP5F1E</a>
FOXF1	Forkhead Box F1	Protein Coding	41	GC16P086510	8.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXF1</a>
RPS27A	Ribosomal Protein S27a	Protein Coding	43	GC02P055231	8.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS27A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS27A</a>
DHCR24	24-Dehydrocholesterol Reductase	Protein Coding	45	GC01M054849	8.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHCR24">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHCR24</a>
BIRC3	Baculoviral IAP Repeat Containing 3	Protein Coding	46	GC11P102317	8.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC3</a>
ATF6	Activating Transcription Factor 6	Protein Coding	47	GC01P161766	8.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF6</a>
SLC25A12	Solute Carrier Family 25 Member 12	Protein Coding	46	GC02M171783	8.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A12</a>
SLC25A17	Solute Carrier Family 25 Member 17	Protein Coding	39	GC22M045405	8.39 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A17</a>
HDAC1	Histone Deacetylase 1	Protein Coding	49	GC01P032292	8.35 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC1</a>
UCP3	Uncoupling Protein 3	Protein Coding	43	GC11M074000	8.32 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UCP3</a>
FOXC2	Forkhead Box C2	Protein Coding	44	GC16P086567	8.32 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXC2</a>
GSTT1	Glutathione S-Transferase Theta 1	Protein Coding	32	GC22Mi00270	8.28 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTT1</a>
PLTP	Phospholipid Transfer Protein	Protein Coding	43	GC20M045898	8.24 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLTP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLTP</a>
OGG1	8-Oxoguanine DNA Glycosylase	Protein Coding	47	GC03P009751	8.24 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OGG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OGG1</a>
ALAD	Aminolevulinate Dehydratase	Protein Coding	46	GC09M113386	8.21 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALAD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALAD</a>

GABRA2	Gamma-Aminobutyric Acid Type A Receptor Subunit	Protein Coding	45	GC04M046167	8.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GABRA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GABRA2</a>
SULT2A1	Sulfotransferase Family 2A Member 1	Protein Coding	44	GC19M047870	8.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SULT2A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SULT2A1</a>
DYSF	Dysferlin	Protein Coding	43	GC02P071453	8.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DYSF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DYSF</a>
KLF6	Kruppel Like Factor 6	Protein Coding	44	GC10M003779	8.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KLF6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KLF6</a>
POSTN	Periostin	Protein Coding	43	GC13M037562	8.15	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POSTN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POSTN</a>
IL1RAPL2	Interleukin 1 Receptor Accessory Protein Like 2	Protein Coding	37	GC0XP104566	8.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1RAPL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1RAPL2</a>
SDC1	Syndecan 1	Protein Coding	43	GC02M020200	8.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDC1</a>
SOST	Sclerostin	Protein Coding	44	GC17M043753	8.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOST">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOST</a>
PHB	Prohibitin	Protein Coding	47	GC17M049404	8.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHB</a>
TSPO	Translocator Protein	Protein Coding	43	GC22P043151	8.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSPO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSPO</a>
IRF3	Interferon Regulatory Factor 3	Protein Coding	47	GC19M049659	8.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRF3</a>
E2F1	E2F Transcription Factor 1	Protein Coding	43	GC20M033675	8.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=E2F1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=E2F1</a>
IFNAR1	Interferon Alpha And Beta Receptor Subunit 1	Protein Coding	45	GC21P033324	8.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNAR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNAR1</a>
PRKCQ	Protein Kinase C Theta	Protein Coding	49	GC10M006393	8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKCQ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKCQ</a>
MIR224	MicroRNA 224	RNA Gene	17	GC0XM151958	7.97	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR224">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR224</a>
EPHX1	Epoxide Hydrolase 1	Protein Coding	47	GC01P225810	7.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPHX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPHX1</a>
COX4I2	Cytochrome C Oxidase Subunit 4I2	Protein Coding	41	GC20P031637	7.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX4I2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX4I2</a>
NR1I3	Nuclear Receptor Subfamily 1 Group I Member 3	Protein Coding	44	GC01M161229	7.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1I3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NR1I3</a>
MIR423	MicroRNA 423	RNA Gene	18	GC17P030117	7.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR423">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR423</a>
COL1A1	Collagen Type I Alpha 1 Chain	Protein Coding	50	GC17M050183	7.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL1A1</a>
TFEB	Transcription Factor EB	Protein Coding	42	GC06M042295	7.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFEB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFEB</a>
GOT2	Glutamic-Oxaloacetic Transaminase 2	Protein Coding	45	GC16M058707	7.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOT2</a>
MLN	Motilin	Protein Coding	35	GC06M033794	7.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLN</a>
CD68	CD68 Molecule	Protein Coding	40	GC17P007579	7.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD68">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD68</a>
IL33	Interleukin 33	Protein Coding	40	GC09P006206	7.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL33">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL33</a>
RPS6KA3	Ribosomal Protein S6 Kinase A3	Protein Coding	52	GC0XM020149	7.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS6KA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS6KA3</a>
LPIN1	Lipin 1	Protein Coding	48	GC02P011649	7.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPIN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPIN1</a>
SFRP4	Secreted Frizzled Related Protein 4	Protein Coding	43	GC07M037912	7.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SFRP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SFRP4</a>
UQCRRFS1	Ubiquinol-Cytochrome C Reductase, Rieske Iron-Sulfu	Protein Coding	45	GC19M029205	7.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRRFS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRRFS1</a>
SERPINA7	Serpin Family A Member 7	Protein Coding	39	GC0XM106032	7.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA7</a>
TRAF3IP2	TRAF3 Interacting Protein 2	Protein Coding	43	GC06M111555	7.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF3IP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF3IP2</a>
AXL	AXL Receptor Tyrosine Kinase	Protein Coding	51	GC19P041219	7.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AXL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AXL</a>
ANXA2	Annexin A2	Protein Coding	48	GC15M060347	7.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANXA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANXA2</a>
CCR1	C-C Motif Chemokine Receptor 1	Protein Coding	45	GC03M046218	7.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCR1</a>
RPL5	Ribosomal Protein L5	Protein Coding	47	GC01P092832	7.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL5</a>
GGT2	Gamma-Glutamyltransferase 2	Protein Coding	31	GC22M021207	7.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT2</a>
BID	BH3 Interacting Domain Death Agonist	Protein Coding	45	GC22M017734	7.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BID">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BID</a>
IL18BP	Interleukin 18 Binding Protein	Protein Coding	39	GC11P071998	7.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18BP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18BP</a>
NTS	Neurotensin	Protein Coding	40	GC12P085876	7.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NTS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NTS</a>

ACACB	Acetyl-CoA Carboxylase Beta	Protein Coding	45	GC12P109116	7.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACACB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACACB</a>
GPC4	Glypican 4	Protein Coding	45	GC0XM133300	7.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPC4</a>
MAP3K11	Mitogen-Activated Protein Kinase Kinase Kinase 11	Protein Coding	46	GC11M065598	7.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K11</a>
SLC39A14	Solute Carrier Family 39 Member 14	Protein Coding	43	GC08P022367	7.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC39A14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC39A14</a>
CYP2B6	Cytochrome P450 Family 2 Subfamily B Member 6	Protein Coding	47	GC19P040991	7.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2B6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2B6</a>
CCL20	C-C Motif Chemokine Ligand 20	Protein Coding	43	GC02P227813	7.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL20">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL20</a>
SLC39A4	Solute Carrier Family 39 Member 4	Protein Coding	43	GC08M144409	7.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC39A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC39A4</a>
NDUFB10	NADH:Ubiquinone Oxidoreductase Subunit B10	Protein Coding	41	GC16P002430	7.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB10</a>
FTO	FTO Alpha-Ketoglutarate Dependent Dioxygenase	Protein Coding	44	GC16P053737	7.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FTO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FTO</a>
TYSND1	Trypsin Domain Containing 1	Protein Coding	34	GC10M070137	7.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TYSND1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TYSND1</a>
GFPT1	Glutamine--Fructose-6-Phosphate Transaminase 1	Protein Coding	46	GC02M069283	7.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GFPT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GFPT1</a>
CXCR5	C-X-C Motif Chemokine Receptor 5	Protein Coding	41	GC11P118898	7.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCR5</a>
ANGPTL8	Angiopoietin Like 8	Protein Coding	28	GC19P011238	7.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANGPTL8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANGPTL8</a>
CYP4A11	Cytochrome P450 Family 4 Subfamily A Member 11	Protein Coding	43	GC01M046929	7.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4A11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4A11</a>
IARS1	Isoleucyl-tRNA Synthetase 1	Protein Coding	35	GC09M092211	7.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IARS1</a>
ABCC3	ATP Binding Cassette Subfamily C Member 3	Protein Coding	45	GC17P050634	7.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ABCC3</a>
EIF2AK2	Eukaryotic Translation Initiation Factor 2 Alpha Kinase	Protein Coding	45	GC02M037099	7.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF2AK2</a>
DNAH11	Dynein Axonemal Heavy Chain 11	Protein Coding	41	GC07P021543	7.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAH11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAH11</a>
COX7B	Cytochrome C Oxidase Subunit 7B	Protein Coding	40	GC0XP077899	7.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7B</a>
BCL2L11	BCL2 Like 11	Protein Coding	45	GC02P111119	7.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCL2L11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCL2L11</a>
SAMM50	SAMM50 Sorting And Assembly Machinery Component	Protein Coding	37	GC22P043955	7.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAMM50">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAMM50</a>
ATP2A2	ATPase Sarcoplasmic/Endoplasmic Reticulum Ca2+ T	Protein Coding	51	GC12P110280	7.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP2A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP2A2</a>
PARVB	Parvin Beta	Protein Coding	39	GC22P043999	7.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PARVB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PARVB</a>
PHGDH	Phosphoglycerate Dehydrogenase	Protein Coding	49	GC01P119660	7.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHGDH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHGDH</a>
DARS1	Aspartyl-tRNA Synthetase 1	Protein Coding	36	GC02M135905	7.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DARS1</a>
EGR1	Early Growth Response 1	Protein Coding	44	GC05P138465	7.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGR1</a>
ENPP2	Ectonucleotide Pyrophosphatase/Phosphodiesterase 2	Protein Coding	44	GC08M119556	7.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENPP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENPP2</a>
UFM1	Ubiquitin Fold Modifier 1	Protein Coding	40	GC13P038349	7.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UFM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UFM1</a>
GLP1R	Glucagon Like Peptide 1 Receptor	Protein Coding	46	GC06P039048	7.06	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLP1R">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLP1R</a>
NDUFA4	NDUFA4 Mitochondrial Complex Associated	Protein Coding	42	GC07M010938	6.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA4</a>
TGM2	Transglutaminase 2	Protein Coding	48	GC20M038127	6.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGM2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TGM2</a>
IL6ST	Interleukin 6 Signal Transducer	Protein Coding	45	GC05M055935	6.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6ST">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL6ST</a>
TBP	TATA-Box Binding Protein	Protein Coding	48	GC06P170554	6.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TBP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TBP</a>
TRIB1	Tribbles Pseudokinase 1	Protein Coding	37	GC08P125430	6.94	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIB1</a>
COL12A1	Collagen Type XII Alpha 1 Chain	Protein Coding	41	GC06M075084	6.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL12A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL12A1</a>
CNR2	Cannabinoid Receptor 2	Protein Coding	45	GC01M023870	6.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNR2</a>
CANX	Calnexin	Protein Coding	44	GC05P179678	6.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CANX">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CANX</a>
MYH14	Myosin Heavy Chain 14	Protein Coding	45	GC19P050192	6.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH14</a>
LOXL2	Lysyl Oxidase Like 2	Protein Coding	44	GC08M023296	6.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOXL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOXL2</a>

AOC3	Amine Oxidase Copper Containing 3	Protein Coding	44	GC17P042851	6.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AOC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AOC3</a>
SAR1A	Secretion Associated Ras Related GTPase 1A	Protein Coding	41	GC10M070147	6.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAR1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAR1A</a>
ASCL1	Achaete-Scute Family BHLH Transcription Factor 1	Protein Coding	44	GC12P102957	6.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ASCL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ASCL1</a>
ACSM2B	Acyl-CoA Synthetase Medium Chain Family Member	Protein Coding	36	GC16M020547	6.76	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACSM2B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACSM2B</a>
RPS17	Ribosomal Protein S17	Protein Coding	42	GC15M082536	6.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS17</a>
DRD4	Dopamine Receptor D4	Protein Coding	46	GC11P000660	6.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DRD4</a>
CEBPB	CCAAT Enhancer Binding Protein Beta	Protein Coding	43	GC20P050190	6.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEBPB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CEBPB</a>
PTX3	Pentraxin 3	Protein Coding	41	GC03P157436	6.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTX3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTX3</a>
OPRM1	Opioid Receptor Mu 1	Protein Coding	48	GC06P154075	6.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OPRM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OPRM1</a>
OLR1	Oxidized Low Density Lipoprotein Receptor 1	Protein Coding	44	GC12M013864	6.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OLR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OLR1</a>
DCLK1	Doublecortin Like Kinase 1	Protein Coding	43	GC13M035768	6.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DCLK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DCLK1</a>
DBH	Dopamine Beta-Hydroxylase	Protein Coding	50	GC09P133636	6.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DBH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DBH</a>
POR	Cytochrome P450 Oxidoreductase	Protein Coding	48	GC07P075899	6.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POR</a>
GSK3A	Glycogen Synthase Kinase 3 Alpha	Protein Coding	48	GC19M042230	6.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSK3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSK3A</a>
HDAC9	Histone Deacetylase 9	Protein Coding	46	GC07P018086	6.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC9</a>
OGT	O-Linked N-Acetylglucosamine (GlcNAc) Transferase	Protein Coding	44	GC0XP071534	6.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OGT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OGT</a>
EPHX2	Epoxide Hydrolase 2	Protein Coding	47	GC08P027490	6.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPHX2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EPHX2</a>
STING1	Stimulator Of Interferon Response CGAMP Interactor	Protein Coding	34	GC05M139476	6.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STING1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STING1</a>
IGF2BP2	Insulin Like Growth Factor 2 mRNA Binding Protein	Protein Coding	44	GC03M185643	6.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF2BP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF2BP2</a>
SERPINB3	Serpin Family B Member 3	Protein Coding	42	GC18M063655	6.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINB3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINB3</a>
NCAN	Neurocan	Protein Coding	41	GC19P023336	6.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCAN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCAN</a>
FFAR4	Free Fatty Acid Receptor 4	Protein Coding	38	GC10P093566	6.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FFAR4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FFAR4</a>
SPTAN1	Spectrin Alpha, Non-Erythrocytic 1	Protein Coding	47	GC09P128552	6.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPTAN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SPTAN1</a>
MATN3	Matrilin 3	Protein Coding	43	GC02M019992	6.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MATN3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MATN3</a>
SRD5A2	Steroid 5 Alpha-Reductase 2	Protein Coding	43	GC02M031522	6.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRD5A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRD5A2</a>
ITGA8	Integrin Subunit Alpha 8	Protein Coding	42	GC10M015513	6.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITGA8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITGA8</a>
RPS3A	Ribosomal Protein S3A	Protein Coding	41	GC04P151099	6.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS3A</a>
SLC25A1	Solute Carrier Family 25 Member 1	Protein Coding	46	GC22M019176	6.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A1</a>
PTPRD	Protein Tyrosine Phosphatase Receptor Type D	Protein Coding	44	GC09M008307	6.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRD</a>
ALDH9A1	Aldehyde Dehydrogenase 9 Family Member A1	Protein Coding	41	GC01M165667	6.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALDH9A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALDH9A1</a>
PDXK	Pyridoxal Kinase	Protein Coding	47	GC21P043719	6.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDXK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDXK</a>
TXNRD2	Thioredoxin Reductase 2	Protein Coding	46	GC22M019863	6.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNRD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNRD2</a>
MATR3	Matrin 3	Protein Coding	41	GC05P139274	6.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MATR3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MATR3</a>
TXN	Thioredoxin	Protein Coding	45	GC09M110243	6.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXN</a>
SLC1A3	Solute Carrier Family 1 Member 3	Protein Coding	50	GC05P036606	6.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC1A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC1A3</a>
IL16	Interleukin 16	Protein Coding	42	GC15P081159	6.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL16">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL16</a>
SF3B1	Splicing Factor 3b Subunit 1	Protein Coding	44	GC02M197389	6.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SF3B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SF3B1</a>
TRAF2	TNF Receptor Associated Factor 2	Protein Coding	44	GC09P136881	6.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF2</a>
CPB2	Carboxypeptidase B2	Protein Coding	44	GC13M046053	6.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPB2</a>

ATP1A1	ATPase Na <sup>+</sup> /K <sup>+</sup> Transporting Subunit Alpha 1	Protein Coding	49	GC01P116372	6.16 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP1A1</a>
TKT	Transketolase	Protein Coding	46	GC03M053224	6.15 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TKT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TKT</a>
MBOAT7	Membrane Bound O-Acyltransferase Domain Containi	Protein Coding	40	GC19M054173	6.12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MBOAT7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MBOAT7</a>
COL13A1	Collagen Type XIII Alpha 1 Chain	Protein Coding	41	GC10P069801	6.12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL13A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COL13A1</a>
GCLC	Glutamate-Cysteine Ligase Catalytic Subunit	Protein Coding	43	GC06M053497	6.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCLC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCLC</a>
PDGFA	Platelet Derived Growth Factor Subunit A	Protein Coding	44	GC07M000497	6.09 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFA</a>
SCAP	SREBF Chaperone	Protein Coding	41	GC03M047413	6.08 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCAP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SCAP</a>
PKM	Pyruvate Kinase M1/2	Protein Coding	45	GC15M072199	6.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKM</a>
KHK	Ketohexokinase	Protein Coding	44	GC02P027086	6.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KHK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KHK</a>
RUNX3	RUNX Family Transcription Factor 3	Protein Coding	43	GC01M024899	6.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUNX3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUNX3</a>
ERLIN1	ER Lipid Raft Associated 1	Protein Coding	41	GC10M100150	6.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERLIN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERLIN1</a>
IMMT	Inner Membrane Mitochondrial Protein	Protein Coding	39	GC02M086144	6.04 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IMMT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IMMT</a>
A2M	Alpha-2-Macroglobulin	Protein Coding	45	GC12M009067	6.02 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=A2M">https://www.genecards.org/cgi-bin/carddisp.pl?gene=A2M</a>
ERLIN2	ER Lipid Raft Associated 2	Protein Coding	40	GC08P037736	6.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERLIN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ERLIN2</a>
FST	Follistatin	Protein Coding	46	GC05P053480	6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FST">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FST</a>
ALOX12	Arachidonate 12-Lipoxygenase, 12S Type	Protein Coding	43	GC17P006995	5.99 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALOX12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALOX12</a>
RB1CC1	RB1 Inducible Coiled-Coil 1	Protein Coding	42	GC08M052622	5.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RB1CC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RB1CC1</a>
IRGM	Immunity Related GTPase M	Protein Coding	38	GC05P150846	5.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRGM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IRGM</a>
CYP4F2	Cytochrome P450 Family 4 Subfamily F Member 2	Protein Coding	44	GC19M015878	5.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4F2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4F2</a>
UBD	Ubiquitin D	Protein Coding	39	GC06M029556	5.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBD</a>
CASP2	Caspase 2	Protein Coding	49	GC07P144979	5.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CASP2</a>
MIR331	MicroRNA 331	RNA Gene	18	GC12P095308	5.86 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR331">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR331</a>
SIK1	Salt Inducible Kinase 1	Protein Coding	46	GC21M043414	5.82 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIK1</a>
COX6A2	Cytochrome C Oxidase Subunit 6A2	Protein Coding	38	GC16M031439	5.81 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6A2</a>
FGL1	Fibrinogen Like 1	Protein Coding	40	GC08M017864	5.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FGL1</a>
ITPR2	Inositol 1,4,5-Trisphosphate Receptor Type 2	Protein Coding	45	GC12M026336	5.76 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITPR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITPR2</a>
UGT1A6	UDP Glucuronosyltransferase Family 1 Member A6	Protein Coding	40	GC02P233691	5.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A6</a>
HSPA1A	Heat Shock Protein Family A (Hsp70) Member 1A	Protein Coding	43	GC06P047326	5.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA1A</a>
PTPRG	Protein Tyrosine Phosphatase Receptor Type G	Protein Coding	41	GC03P061522	5.72 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRG</a>
PRKAG1	Protein Kinase AMP-Activated Non-Catalytic Subunit	Protein Coding	48	GC12M049002	5.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG1</a>
LBP	Lipopolysaccharide Binding Protein	Protein Coding	44	GC20P038346	5.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LBP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LBP</a>
VTN	Vitronectin	Protein Coding	44	GC17M029955	5.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VTN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VTN</a>
RDH5	Retinol Dehydrogenase 5	Protein Coding	46	GC12P055720	5.69 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RDH5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RDH5</a>
PIN1	Peptidylprolyl Cis/Trans Isomerase, NIMA-Interacting	Protein Coding	47	GC19P009835	5.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PIN1</a>
P2RX7	Purinergic Receptor P2X 7	Protein Coding	45	GC12P122829	5.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=P2RX7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=P2RX7</a>
XRCC5	X-Ray Repair Cross Complementing 5	Protein Coding	44	GC02P216107	5.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC5</a>
TRIM21	Tripartite Motif Containing 21	Protein Coding	42	GC11M004384	5.67 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM21">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM21</a>
CXCL11	C-X-C Motif Chemokine Ligand 11	Protein Coding	40	GC04M076033	5.66 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL11</a>
CCL19	C-C Motif Chemokine Ligand 19	Protein Coding	41	GC09M034692	5.64 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL19">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCL19</a>

MIR24-1	MicroRNA 24-1	RNA Gene	18	GC09P095086	5.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR24-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR24-1</a>
PRKAB2	Protein Kinase AMP-Activated Non-Catalytic Subunit	Protein Coding	46	GC01M147155	5.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAB2</a>
UGT1A9	UDP Glucuronosyltransferase Family 1 Member A9	Protein Coding	43	GC02P233671	5.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A9</a>
DMGDH	Dimethylglycine Dehydrogenase	Protein Coding	42	GC05M078997	5.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DMGDH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DMGDH</a>
UGT1A7	UDP Glucuronosyltransferase Family 1 Member A7	Protein Coding	39	GC02P233681	5.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A7</a>
GPNMB	Glycoprotein Nmb	Protein Coding	44	GC07P023238	5.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPNMB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPNMB</a>
CCR2	C-C Motif Chemokine Receptor 2	Protein Coding	45	GC03P046356	5.53	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCR2</a>
SNTA1	Syntrophin Alpha 1	Protein Coding	43	GC20M033407	5.53	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNTA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNTA1</a>
JAZF1	JAZF Zinc Finger 1	Protein Coding	39	GC07M027830	5.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=JAZF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=JAZF1</a>
H4-16	H4 Histone 16	Protein Coding	33	GC12M014768	5.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4-16">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4-16</a>
CYP4F3	Cytochrome P450 Family 4 Subfamily F Member 3	Protein Coding	42	GC19P015640	5.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4F3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP4F3</a>
CD82	CD82 Molecule	Protein Coding	43	GC11P044586	5.48	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD82">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD82</a>
CUL3	Cullin 3	Protein Coding	46	GC02M224470	5.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CUL3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CUL3</a>
ACSL3	Acyl-CoA Synthetase Long Chain Family Member 3	Protein Coding	40	GC02P222860	5.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACSL3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACSL3</a>
TNFRSF4	TNF Receptor Superfamily Member 4	Protein Coding	43	GC01M001211	5.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF4</a>
CDH4	Cadherin 4	Protein Coding	41	GC20P061252	5.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH4</a>
LECT2	Leukocyte Cell Derived Chemotaxin 2	Protein Coding	36	GC05M135922	5.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LECT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LECT2</a>
MIR30C1	MicroRNA 30c-1	RNA Gene	21	GC01P040757	5.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30C1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR30C1</a>
UGT1A8	UDP Glucuronosyltransferase Family 1 Member A8	Protein Coding	35	GC02P233618	5.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A8</a>
PRPF8	Pre-mRNA Processing Factor 8	Protein Coding	41	GC17M001650	5.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRPF8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRPF8</a>
MLX	MAX Dimerization Protein MLX	Protein Coding	43	GC17P042567	5.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLX">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLX</a>
ZNF365	Zinc Finger Protein 365	Protein Coding	37	GC10P062374	5.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF365">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF365</a>
FNDC5	Fibronectin Type III Domain Containing 5	Protein Coding	34	GC01M032864	5.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FNDC5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FNDC5</a>
NDUFA5	NADH:Ubiquinone Oxidoreductase Subunit A5	Protein Coding	41	GC07M123536	5.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA5</a>
FYN	FYN Proto-Oncogene, Src Family Tyrosine Kinase	Protein Coding	48	GC06M111660	5.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FYN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FYN</a>
CYLD	CYLD Lysine 63 Deubiquitinase	Protein Coding	48	GC16P050742	5.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYLD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYLD</a>
HYOU1	Hypoxia Up-Regulated 1	Protein Coding	43	GC11M119045	5.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HYOU1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HYOU1</a>
EEA1	Early Endosome Antigen 1	Protein Coding	43	GC12M092770	5.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEA1</a>
NOX4	NADPH Oxidase 4	Protein Coding	42	GC11M089324	5.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOX4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOX4</a>
FOXA1	Forkhead Box A1	Protein Coding	43	GC14M037589	5.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXA1</a>
NDUFS5	NADH:Ubiquinone Oxidoreductase Subunit S5	Protein Coding	40	GC01P039026	5.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFS5</a>
SERPINF1	Serpin Family F Member 1	Protein Coding	44	GC17P001761	5.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINF1</a>
PRDX1	Peroxiredoxin 1	Protein Coding	49	GC01M045511	5.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRDX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRDX1</a>
EFTUD2	Elongation Factor Tu GTP Binding Domain Containing	Protein Coding	42	GC17M044852	5.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EFTUD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EFTUD2</a>
YEATS2	YEATS Domain Containing 2	Protein Coding	36	GC03P183698	5.15	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YEATS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YEATS2</a>
LPCAT3	Lysophosphatidylcholine Acyltransferase 3	Protein Coding	36	GC12M006976	5.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPCAT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LPCAT3</a>
COX7A2	Cytochrome C Oxidase Subunit 7A2	Protein Coding	38	GC06M075237	5.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A2</a>
CCT5	Chaperonin Containing TCP1 Subunit 5	Protein Coding	43	GC05P010236	5.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT5</a>
CLDN2	Claudin 2	Protein Coding	41	GC0XP106900	5.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLDN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLDN2</a>

AFAP1-AS1	AFAP1 Antisense RNA 1	RNA Gene	17	GC04P007756	5.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AFAP1-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AFAP1-AS1</a>
NNMT	Nicotinamide N-Methyltransferase	Protein Coding	45	GC11P114257	5.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NNMT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NNMT</a>
YWHAЕ	Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxyge	Protein Coding	50	GC17M001346	5.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAЕ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAЕ</a>
COX6C	Cytochrome C Oxidase Subunit 6C	Protein Coding	39	GC08M099899	5.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6C</a>
COPA	COPI Coat Complex Subunit Alpha	Protein Coding	41	GC01M160288	5.01	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COPA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COPA</a>
TRAPPC9	Trafficking Protein Particle Complex 9	Protein Coding	39	GC08M139728	5.01	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAPPC9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAPPC9</a>
COMMD1	Copper Metabolism Domain Containing 1	Protein Coding	42	GC02P061888	5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COMMD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COMMD1</a>
NDUFA8	NADH:Ubiquinone Oxidoreductase Subunit A8	Protein Coding	41	GC09M122132	4.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA8</a>
HNRNPK	Heterogeneous Nuclear Ribonucleoprotein K	Protein Coding	45	GC09M084056	4.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPK</a>
SERPINA12	Serpin Family A Member 12	Protein Coding	38	GC14M094526	4.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA12</a>
GOT1	Glutamic-Oxaloacetic Transaminase 1	Protein Coding	47	GC10M099396	4.96	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GOT1</a>
DISC1	DISC1 Scaffold Protein	Protein Coding	43	GC01P231626	4.95	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DISC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DISC1</a>
NAT1	N-Acetyltransferase 1	Protein Coding	44	GC08P018179	4.94	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NAT1</a>
TRAF1	TNF Receptor Associated Factor 1	Protein Coding	43	GC09M120902	4.93	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF1</a>
XRCC6	X-Ray Repair Cross Complementing 6	Protein Coding	45	GC22P041622	4.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XRCC6</a>
PPP2CA	Protein Phosphatase 2 Catalytic Subunit Alpha	Protein Coding	48	GC05M134194	4.89	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP2CA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP2CA</a>
CES2	Carboxylesterase 2	Protein Coding	43	GC16P066934	4.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CES2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CES2</a>
NDUFC2	NADH:Ubiquinone Oxidoreductase Subunit C2	Protein Coding	39	GC11M078068	4.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC2</a>
NDUFB6	NADH:Ubiquinone Oxidoreductase Subunit B6	Protein Coding	40	GC09M032553	4.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB6</a>
UQCR11	Ubiquinol-Cytochrome C Reductase, Complex III Subu	Protein Coding	37	GC19M001597	4.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCR11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCR11</a>
CYP2J2	Cytochrome P450 Family 2 Subfamily J Member 2	Protein Coding	44	GC01M059893	4.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2J2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2J2</a>
UQCRC1	Ubiquinol-Cytochrome C Reductase Core Protein 1	Protein Coding	42	GC03M048598	4.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRC1</a>
TNC	Tenascin C	Protein Coding	48	GC09M115019	4.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNC</a>
CARS1	Cysteinyl-TRNA Synthetase 1	Protein Coding	32	GC11M003000	4.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CARS1</a>
TRAP1	TNF Receptor Associated Protein 1	Protein Coding	43	GC16M003652	4.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAP1</a>
RTN4	Reticulon 4	Protein Coding	44	GC02M054934	4.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTN4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTN4</a>
PRSS2	Serine Protease 2	Protein Coding	39	GC07P144959	4.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRSS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRSS2</a>
UGT1A4	UDP Glucuronosyltransferase Family 1 Member A4	Protein Coding	41	GC02P233718	4.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A4</a>
PDK4	Pyruvate Dehydrogenase Kinase 4	Protein Coding	45	GC07M095583	4.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDK4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDK4</a>
YY1	YY1 Transcription Factor	Protein Coding	48	GC14P100238	4.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YY1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YY1</a>
JCAD	Junctional Cadherin 5 Associated	Protein Coding	26	GC10M030012	4.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=JCAD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=JCAD</a>
SIRT6	Sirtuin 6	Protein Coding	45	GC19M004174	4.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT6</a>
PLIN5	Perilipin 5	Protein Coding	33	GC19M004522	4.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLIN5</a>
SNRNP200	Small Nuclear Ribonucleoprotein U5 Subunit 200	Protein Coding	41	GC02M096275	4.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRNP200">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRNP200</a>
MGAM	Maltase-Glucoamylase	Protein Coding	41	GC07P145052	4.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MGAM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MGAM</a>
CDH5	Cadherin 5	Protein Coding	47	GC16P066366	4.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDH5</a>
YBX1	Y-Box Binding Protein 1	Protein Coding	39	GC01P042682	4.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YBX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YBX1</a>
TP53BP1	Tumor Protein P53 Binding Protein 1	Protein Coding	44	GC15M043403	4.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53BP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53BP1</a>
NCOA3	Nuclear Receptor Coactivator 3	Protein Coding	45	GC20P047501	4.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCOA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCOA3</a>

RPL10	Ribosomal Protein L10	Protein Coding	45	GC0XP154389	4.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL10</a>
UGT1A3	UDP Glucuronosyltransferase Family 1 Member A3	Protein Coding	38	GC02P233729	4.59 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A3</a>
STUB1	STIP1 Homology And U-Box Containing Protein 1	Protein Coding	45	GC16P001405	4.57 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STUB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STUB1</a>
SOD3	Superoxide Dismutase 3	Protein Coding	40	GC04P024798	4.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOD3</a>
UBE2D2	Ubiquitin Conjugating Enzyme E2 D2	Protein Coding	44	GC05P139526	4.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBE2D2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBE2D2</a>
ROCK1	Rho Associated Coiled-Coil Containing Protein Kinase	Protein Coding	50	GC18M020946	4.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ROCK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ROCK1</a>
CACNA2D1	Calcium Voltage-Gated Channel Auxiliary Subunit A1	Protein Coding	45	GC07M081946	4.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CACNA2D1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CACNA2D1</a>
SLC34A2	Solute Carrier Family 34 Member 2	Protein Coding	45	GC04P025657	4.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC34A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC34A2</a>
AKR1B10	Aldo-Keto Reductase Family 1 Member B10	Protein Coding	43	GC07P134527	4.53 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1B10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AKR1B10</a>
H4C11	H4 Clustered Histone 11	Protein Coding	30	GC06P028800	4.52 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C11</a>
LGALS3BP	Galectin 3 Binding Protein	Protein Coding	41	GC17M078971	4.52 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGALS3BP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGALS3BP</a>
H4C1	H4 Clustered Histone 1	Protein Coding	31	GC06P026041	4.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C1</a>
SERPINH1	Serpin Family H Member 1	Protein Coding	45	GC11P075562	4.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINH1</a>
SLC25A11	Solute Carrier Family 25 Member 11	Protein Coding	43	GC17M004937	4.48 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A11</a>
IFNL4	Interferon Lambda 4 (Gene/Pseudogene)	Protein Coding	19	GC19M039246	4.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNL4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IFNL4</a>
IL36A	Interleukin 36 Alpha	Protein Coding	37	GC02P113005	4.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL36A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL36A</a>
ACE2	Angiotensin I Converting Enzyme 2	Protein Coding	48	GC0XM015562	4.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACE2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACE2</a>
TXNRD1	Thioredoxin Reductase 1	Protein Coding	47	GC12P104215	4.43 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNRD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNRD1</a>
HPS1	HPS1 Biogenesis Of Lysosomal Organelles Complex 3	Protein Coding	41	GC10M098416	4.43 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HPS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HPS1</a>
KHDRBS3	KH RNA Binding Domain Containing, Signal Transdu	Protein Coding	37	GC08P135457	4.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KHDRBS3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KHDRBS3</a>
CFD	Complement Factor D	Protein Coding	44	GC19P000859	4.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFD</a>
ITLN1	Intelectin 1	Protein Coding	39	GC01M160876	4.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITLN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ITLN1</a>
AMPH	Amphiphysin	Protein Coding	44	GC07M038666	4.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AMPH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AMPH</a>
AZGP1	Alpha-2-Glycoprotein 1, Zinc-Binding	Protein Coding	43	GC07M099967	4.38 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AZGP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AZGP1</a>
POMP	Proteasome Maturation Protein	Protein Coding	41	GC13P028659	4.35 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POMP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POMP</a>
SLC38A8	Solute Carrier Family 38 Member 8	Protein Coding	36	GC16M084009	4.33 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC38A8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC38A8</a>
MMP11	Matrix Metallopeptidase 11	Protein Coding	45	GC22P023768	4.32 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MMP11</a>
H4C8	H4 Clustered Histone 8	Protein Coding	31	GC06M027323	4.31 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C8</a>
PEG10	Paternally Expressed 10	Protein Coding	40	GC07P094656	4.31 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEG10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PEG10</a>
H4C13	H4 Clustered Histone 13	Protein Coding	29	GC06M028372	4.3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C13</a>
H4C9	H4 Clustered Histone 9	Protein Coding	31	GC06P028910	4.29 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C9</a>
NDUFA3	NADH:Ubiquinone Oxidoreductase Subunit A3	Protein Coding	39	GC19P054102	4.29 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA3</a>
PRKCE	Protein Kinase C Epsilon	Protein Coding	50	GC02P045651	4.28 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKCE">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKCE</a>
COX8C	Cytochrome C Oxidase Subunit 8C	Protein Coding	32	GC14P093348	4.27 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX8C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX8C</a>
H4C15	H4 Clustered Histone 15	Protein Coding	27	GC01M149964	4.27 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C15">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C15</a>
GSS	Glutathione Synthetase	Protein Coding	47	GC20M034928	4.26 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSS</a>
NDUFB7	NADH:Ubiquinone Oxidoreductase Subunit B7	Protein Coding	39	GC19M014566	4.25 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB7</a>
LCN1	Lipocalin 1	Protein Coding	39	GC09P135521	4.24 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCN1</a>
H4C4	H4 Clustered Histone 4	Protein Coding	28	GC06M027321	4.22 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C4</a>



H4C14	H4 Clustered Histone 14	Protein Coding	28	GC01P149832	4.22 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C14</a>
H4C12	H4 Clustered Histone 12	Protein Coding	29	GC06M028370	4.22 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C12</a>
IL18RAP	Interleukin 18 Receptor Accessory Protein	Protein Coding	39	GC02P102418	4.21 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18RAP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL18RAP</a>
H4C3	H4 Clustered Histone 3	Protein Coding	31	GC06P028681	4.21 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C3</a>
PRKAG3	Protein Kinase AMP-Activated Non-Catalytic Subunit	Protein Coding	43	GC02M218823	4.2 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKAG3</a>
DROSHA	Drosha Ribonuclease III	Protein Coding	41	GC05M031401	4.19 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DROSHA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DROSHA</a>
H4C6	H4 Clustered Histone 6	Protein Coding	29	GC06P028909	4.19 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C6</a>
H4C2	H4 Clustered Histone 2	Protein Coding	31	GC06M026026	4.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C2</a>
H4C5	H4 Clustered Histone 5	Protein Coding	28	GC06P028907	4.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H4C5</a>
HS3ST1	Heparan Sulfate-Glucosamine 3-Sulfotransferase 1	Protein Coding	42	GC04M011394	4.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HS3ST1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HS3ST1</a>
RPL6	Ribosomal Protein L6	Protein Coding	39	GC12M112320	4.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL6</a>
UGT1A10	UDP Glucuronosyltransferase Family 1 Member A10	Protein Coding	40	GC02P233636	4.15 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A10</a>
PCLO	Piccolo Presynaptic Cytomatrix Protein	Protein Coding	41	GC07M082754	4.14 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCLO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCLO</a>
NDUFB4	NADH:Ubiquinone Oxidoreductase Subunit B4	Protein Coding	40	GC03P120596	4.13 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB4</a>
NDUFB5	NADH:Ubiquinone Oxidoreductase Subunit B5	Protein Coding	36	GC03P179604	4.13 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB5</a>
CYP8B1	Cytochrome P450 Family 8 Subfamily B Member 1	Protein Coding	40	GC03M042856	4.12 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP8B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP8B1</a>
LCP1	Lymphocyte Cytosolic Protein 1	Protein Coding	41	GC13M046132	4.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LCP1</a>
SIPA1L2	Signal Induced Proliferation Associated 1 Like 2	Protein Coding	38	GC01M232397	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIPA1L2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIPA1L2</a>
PPP3CA	Protein Phosphatase 3 Catalytic Subunit Alpha	Protein Coding	52	GC04M101024	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP3CA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP3CA</a>
LOC110806262	Solute Carrier Family 6 Member 4 Gene Promoter	Biological Region	1	GC17P030235	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1108062">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1108062</a>
SIRT4	Sirtuin 4	Protein Coding	40	GC12P120291	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT4</a>
APLN	Apelin	Protein Coding	37	GC0XM129645	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APLN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APLN</a>
HIGD1A	HIG1 Hypoxia Inducible Domain Family Member 1A	Protein Coding	38	GC03M042782	4.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIGD1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIGD1A</a>
MAP3K7	Mitogen-Activated Protein Kinase Kinase Kinase 7	Protein Coding	51	GC06M090513	4.09 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K7</a>
NDUFB2	NADH:Ubiquinone Oxidoreductase Subunit B2	Protein Coding	39	GC07P140690	4.08 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB2</a>
PDGFC	Platelet Derived Growth Factor C	Protein Coding	43	GC04M156760	4.08 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDGFC</a>
RORA	RAR Related Orphan Receptor A	Protein Coding	48	GC15M060488	4.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RORA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RORA</a>
TPM4	Tropomyosin 4	Protein Coding	40	GC19P023264	4.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPM4</a>
COX5B	Cytochrome C Oxidase Subunit 5B	Protein Coding	41	GC02P097628	4.06 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX5B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX5B</a>
PRKDC	Protein Kinase, DNA-Activated, Catalytic Subunit	Protein Coding	49	GC08M047773	4.05 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKDC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRKDC</a>
SLC4A4	Solute Carrier Family 4 Member 4	Protein Coding	46	GC04P071063	4.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC4A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC4A4</a>
NDUFC1	NADH:Ubiquinone Oxidoreductase Subunit C1	Protein Coding	36	GC04M139267	4.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC1</a>
NDUFA7	NADH:Ubiquinone Oxidoreductase Subunit A7	Protein Coding	37	GC19M008308	4.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA7</a>
TFAP2B	Transcription Factor AP-2 Beta	Protein Coding	44	GC06P050894	4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFAP2B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TFAP2B</a>
UQCRL10	Ubiquinol-Cytochrome C Reductase, Complex III Subunit	Protein Coding	37	GC22P029767	3.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRL10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRL10</a>
UQCRH	Ubiquinol-Cytochrome C Reductase Hinge Protein	Protein Coding	39	GC01P046303	3.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRH</a>
NDUFB1	NADH:Ubiquinone Oxidoreductase Subunit B1	Protein Coding	37	GC14M092116	3.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFB1</a>
MIR363	MicroRNA 363	RNA Gene	15	GC0XM134205	3.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR363">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR363</a>
NDUFV3	NADH:Ubiquinone Oxidoreductase Subunit V3	Protein Coding	40	GC21P042879	3.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFV3</a>

NFIC	Nuclear Factor I C	Protein Coding	40	GC19P003314	3.92	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFIC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFIC</a>
PZP	PZP Alpha-2-Macroglobulin Like	Protein Coding	39	GC12M009148	3.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PZP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PZP</a>
CFL1	Cofilin 1	Protein Coding	45	GC11M065823	3.91	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CFL1</a>
YIPF1	Yip1 Domain Family Member 1	Protein Coding	36	GC01M053851	3.9	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YIPF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YIPF1</a>
COX7A1	Cytochrome C Oxidase Subunit 7A1	Protein Coding	37	GC19M042546	3.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A1</a>
HNRNPU	Heterogeneous Nuclear Ribonucleoprotein U	Protein Coding	42	GC01M244844	3.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPU">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPU</a>
PUF60	Poly(U) Binding Splicing Factor 60	Protein Coding	41	GC08M143816	3.88	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PUF60">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PUF60</a>
CXCL16	C-X-C Motif Chemokine Ligand 16	Protein Coding	40	GC17M004733	3.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL16">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CXCL16</a>
AQP9	Aquaporin 9	Protein Coding	43	GC15P058138	3.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP9</a>
HSPA6	Heat Shock Protein Family A (Hsp70) Member 6	Protein Coding	44	GC01P161524	3.87	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPA6</a>
SIRT5	Sirtuin 5	Protein Coding	45	GC06P013574	3.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT5</a>
COX7C	Cytochrome C Oxidase Subunit 7C	Protein Coding	38	GC05P086617	3.86	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7C</a>
ARRDC3	Arrestin Domain Containing 3	Protein Coding	37	GC05M091368	3.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARRDC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARRDC3</a>
PTPRU	Protein Tyrosine Phosphatase Receptor Type U	Protein Coding	41	GC01P029236	3.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRU">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTPRU</a>
COX7A2L	Cytochrome C Oxidase Subunit 7A2 Like	Protein Coding	40	GC02M042312	3.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A2L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7A2L</a>
LEMD2	LEM Domain Nuclear Envelope Protein 2	Protein Coding	39	GC06M033772	3.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEMD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LEMD2</a>
HTR1B	5-Hydroxytryptamine Receptor 1B	Protein Coding	45	GC06M077478	3.81	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HTR1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HTR1B</a>
AHNAK	AHNAK Nucleoprotein	Protein Coding	36	GC11M063360	3.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHNAK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHNAK</a>
CLTC	Clathrin Heavy Chain	Protein Coding	46	GC17P059619	3.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLTC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLTC</a>
SLC9A9	Solute Carrier Family 9 Member A9	Protein Coding	39	GC03M143265	3.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9</a>
ALPI	Alkaline Phosphatase, Intestinal	Protein Coding	43	GC02P232456	3.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPI">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ALPI</a>
NDUFA4L2	NDUFA4 Mitochondrial Complex Associated Like 2	Protein Coding	36	GC12M057234	3.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA4L2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFA4L2</a>
HSD17B13	Hydroxysteroid 17-Beta Dehydrogenase 13	Protein Coding	36	GC04M087303	3.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD17B13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD17B13</a>
HDAC8	Histone Deacetylase 8	Protein Coding	47	GC0XM072329	3.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDAC8</a>
RIPK3	Receptor Interacting Serine/Threonine Kinase 3	Protein Coding	43	GC14M024336	3.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RIPK3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RIPK3</a>
STEAP4	STEAP4 Metalloreductase	Protein Coding	40	GC07M088288	3.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STEAP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STEAP4</a>
EEF1A1	Eukaryotic Translation Elongation Factor 1 Alpha 1	Protein Coding	43	GC06M073515	3.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEF1A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEF1A1</a>
MACROD2	Mono-ADP Ribosylhydrolase 2	Protein Coding	35	GC20P013925	3.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MACROD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MACROD2</a>
SEMA5A	Semaphorin 5A	Protein Coding	41	GC05M009036	3.72	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEMA5A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEMA5A</a>
ADH5	Alcohol Dehydrogenase 5 (Class III), Chi Polypeptide	Protein Coding	45	GC04M099070	3.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH5</a>
MAPK12	Mitogen-Activated Protein Kinase 12	Protein Coding	48	GC22M050246	3.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK12</a>
CMKLR1	Chemerin Chemokine-Like Receptor 1	Protein Coding	40	GC12M108288	3.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CMKLR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CMKLR1</a>
IL34	Interleukin 34	Protein Coding	39	GC16P070613	3.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL34">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL34</a>
ADH1A	Alcohol Dehydrogenase 1A (Class I), Alpha Polypeptide	Protein Coding	42	GC04M099276	3.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADH1A</a>
CCAR2	Cell Cycle And Apoptosis Regulator 2	Protein Coding	36	GC08P022604	3.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCAR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCAR2</a>
CCT4	Chaperonin Containing TCP1 Subunit 4	Protein Coding	39	GC02M061868	3.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT4</a>
ESM1	Endothelial Cell Specific Molecule 1	Protein Coding	40	GC05M054977	3.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESM1</a>
PNPLA7	Patatin Like Phospholipase Domain Containing 7	Protein Coding	35	GC09M137459	3.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNPLA7</a>
ELK1	ETS Transcription Factor ELK1	Protein Coding	44	GC0XM047635	3.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ELK1</a>

EHBP1L1	EH Domain Binding Protein 1 Like 1	Protein Coding	32	GC11P065814	3.58 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EHBP1L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EHBP1L1</a>
LINC01016	Long Intergenic Non-Protein Coding RNA 1016	RNA Gene	13	GC06M042348	3.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01016">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01016</a>
KAT5	Lysine Acetyltransferase 5	Protein Coding	46	GC11P065711	3.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KAT5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KAT5</a>
PSMC2	Proteasome 26S Subunit, ATPase 2	Protein Coding	40	GC07P103344	3.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSMC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSMC2</a>
GRK2	G Protein-Coupled Receptor Kinase 2	Protein Coding	37	GC11P067266	3.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRK2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRK2</a>
RPL3	Ribosomal Protein L3	Protein Coding	41	GC22M045394	3.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL3</a>
CD5L	CD5 Molecule Like	Protein Coding	39	GC01M157800	3.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD5L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CD5L</a>
TNFRSF12A	TNF Receptor Superfamily Member 12A	Protein Coding	44	GC16P003018	3.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF12A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNFRSF12A</a>
COX7B2	Cytochrome C Oxidase Subunit 7B2	Protein Coding	32	GC04M046734	3.54 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7B2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX7B2</a>
CRACR2A	Calcium Release Activated Channel Regulator 2A	Protein Coding	31	GC12M004102	3.52 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRACR2A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRACR2A</a>
RPS15	Ribosomal Protein S15	Protein Coding	41	GC19P001438	3.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS15">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS15</a>
COX6B2	Cytochrome C Oxidase Subunit 6B2	Protein Coding	32	GC19M055350	3.51 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6B2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COX6B2</a>
NOS1AP	Nitric Oxide Synthase 1 Adaptor Protein	Protein Coding	37	GC01P162069	3.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOS1AP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NOS1AP</a>
SLC25A47	Solute Carrier Family 25 Member 47	Protein Coding	35	GC14P100323	3.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A47">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A47</a>
PRDX5	Peroxisredoxin 5	Protein Coding	46	GC11P064317	3.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRDX5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRDX5</a>
ATF3	Activating Transcription Factor 3	Protein Coding	44	GC01P212565	3.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATF3</a>
TRAF3	TNF Receptor Associated Factor 3	Protein Coding	47	GC14P104639	3.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRAF3</a>
USP7	Ubiquitin Specific Peptidase 7	Protein Coding	47	GC16M008892	3.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP7</a>
NGF-AS1	NGF Antisense RNA 1	RNA Gene	9	GC01P115287	3.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NGF-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NGF-AS1</a>
NDUFC2-KCTD14	NDUFC2-KCTD14 Readthrough	Protein Coding	21	GC11M078015	3.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC2-KC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDUFC2-KC</a>
MIR103A2	MicroRNA 103a-2	RNA Gene	18	GC20P003917	3.48 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103A2</a>
BIRC2	Baculoviral IAP Repeat Containing 2	Protein Coding	45	GC11P102347	3.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BIRC2</a>
IL1R2	Interleukin 1 Receptor Type 2	Protein Coding	45	GC02P101991	3.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1R2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL1R2</a>
FARP1	FERM, ARH/RhoGEF And Pleckstrin Domain Protein	Protein Coding	38	GC13P098142	3.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FARP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FARP1</a>
GPN1	GPN-Loop GTPase 1	Protein Coding	37	GC02P027628	3.46 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPN1</a>
NRG3	Neuregulin 3	Protein Coding	41	GC10P083672	3.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NRG3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NRG3</a>
CISD2	CDGSH Iron Sulfur Domain 2	Protein Coding	41	GC04P102868	3.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CISD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CISD2</a>
PCSK5	Proprotein Convertase Subtilisin/Kexin Type 5	Protein Coding	41	GC09P075890	3.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCSK5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCSK5</a>
UQCRHL	Ubiquinol-Cytochrome C Reductase Hinge Protein Lik	Protein Coding	23	GC01M015808	3.45 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRHL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UQCRHL</a>
MIR361	MicroRNA 361	RNA Gene	16	GC0XM085903	3.43 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR361">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR361</a>
SDC2	Syndecan 2	Protein Coding	45	GC08P096494	3.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDC2</a>
EGFL6	EGF Like Domain Multiple 6	Protein Coding	38	GC0XP013569	3.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGFL6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EGFL6</a>
SLC25A3	Solute Carrier Family 25 Member 3	Protein Coding	45	GC12P098593	3.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A3</a>
INHBA	Inhibin Subunit Beta A	Protein Coding	45	GC07M041668	3.41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=INHBA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=INHBA</a>
FAM166B	Family With Sequence Similarity 166 Member B	Protein Coding	30	GC09M035554	3.41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM166B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM166B</a>
ESRRG	Estrogen Related Receptor Gamma	Protein Coding	45	GC01M216503	3.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESRRG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ESRRG</a>
DDX60L	DExD/H-Box 60 Like	Protein Coding	33	GC04M168356	3.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX60L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX60L</a>
AQP7	Aquaporin 7	Protein Coding	44	GC09M033384	3.4 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP7</a>
HNMT	Histamine N-Methyltransferase	Protein Coding	45	GC02P137964	3.39 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNMT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNMT</a>

ADAMTS9	ADAM Metallopeptidase With Thrombospondin Type	Protein Coding	37	GC03M064501	3.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADAMTS9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADAMTS9</a>
DGCR8	DGCR8 Microprocessor Complex Subunit	Protein Coding	40	GC22P020080	3.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGCR8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DGCR8</a>
RPTOR	Regulatory Associated Protein Of MTOR Complex 1	Protein Coding	44	GC17P080544	3.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPTOR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPTOR</a>
IGHG1	Immunoglobulin Heavy Constant Gamma 1 (G1m Mar	Protein Coding	32	GC14M105736	3.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGHG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGHG1</a>
CAPSL	Calcyphosine Like	Protein Coding	34	GC05M035905	3.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAPSL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAPSL</a>
EDA	Ectodysplasin A	Protein Coding	41	GC0XP069618	3.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EDA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EDA</a>
MAP3K8	Mitogen-Activated Protein Kinase Kinase Kinase 8	Protein Coding	47	GC10P030458	3.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAP3K8</a>
MIR103A1	MicroRNA 103a-1	RNA Gene	17	GC05M168560	3.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103A1</a>
TAGLN	Transgelin	Protein Coding	43	GC11P117199	3.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TAGLN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TAGLN</a>
STX17	Syntaxin 17	Protein Coding	36	GC09P099906	3.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STX17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STX17</a>
TSHB	Thyroid Stimulating Hormone Subunit Beta	Protein Coding	42	GC01P115029	3.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSHB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSHB</a>
PSMD2	Proteasome 26S Subunit, Non-ATPase 2	Protein Coding	43	GC03P184298	3.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSMD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSMD2</a>
TP53BP2	Tumor Protein P53 Binding Protein 2	Protein Coding	42	GC01M223779	3.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53BP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TP53BP2</a>
UGDH	UDP-Glucose 6-Dehydrogenase	Protein Coding	45	GC04M039502	3.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGDH">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGDH</a>
LAPTM4A	Lysosomal Protein Transmembrane 4 Alpha	Protein Coding	38	GC02M020032	3.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LAPTM4A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LAPTM4A</a>
NMT2	N-Myristoyltransferase 2	Protein Coding	40	GC10M015144	3.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NMT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NMT2</a>
SOCS2	Suppressor Of Cytokine Signaling 2	Protein Coding	43	GC12P093569	3.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOCS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SOCS2</a>
PLPPR4	Phospholipid Phosphatase Related 4	Protein Coding	29	GC01P099262	3.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLPPR4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLPPR4</a>
CX3CL1	C-X3-C Motif Chemokine Ligand 1	Protein Coding	42	GC16P057372	3.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CX3CL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CX3CL1</a>
AGAP1	ArfGAP With GTPase Domain, Ankyrin Repeat And F	Protein Coding	39	GC02P235494	3.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGAP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGAP1</a>
RPL7	Ribosomal Protein L7	Protein Coding	41	GC08M073290	3.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL7</a>
MOGAT2	Monoacylglycerol O-Acyltransferase 2	Protein Coding	38	GC11P075717	3.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MOGAT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MOGAT2</a>
YWHAG	Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxyge	Protein Coding	49	GC07M076327	3.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAG</a>
GPLD1	Glycosylphosphatidylinositol Specific Phospholipase I	Protein Coding	41	GC06M024425	3.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPLD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPLD1</a>
CCRL2	C-C Motif Chemokine Receptor Like 2	Protein Coding	39	GC03P046407	3.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCRL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCRL2</a>
CTBP2	C-Terminal Binding Protein 2	Protein Coding	44	GC10M124984	3.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTBP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTBP2</a>
UGT1A5	UDP Glucuronosyltransferase Family 1 Member A5	Protein Coding	33	GC02P233712	3.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UGT1A5</a>
ARNT	Aryl Hydrocarbon Receptor Nuclear Translocator	Protein Coding	43	GC01M150809	3.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARNT">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARNT</a>
CDK8	Cyclin Dependent Kinase 8	Protein Coding	47	GC13P026254	3.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDK8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CDK8</a>
RPN1	Ribophorin I	Protein Coding	42	GC03M128619	3.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPN1</a>
GLO1	Glyoxalase I	Protein Coding	45	GC06M042239	3.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLO1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLO1</a>
ST8SIA1	ST8 Alpha-N-Acetyl-Neuraminide Alpha-2,8-Sialyltra	Protein Coding	41	GC12M022063	3.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ST8SIA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ST8SIA1</a>
CREB5	CAMP Responsive Element Binding Protein 5	Protein Coding	41	GC07P028305	3.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CREB5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CREB5</a>
YBX3	Y-Box Binding Protein 3	Protein Coding	39	GC12M013875	3.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YBX3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YBX3</a>
FAF2	Fas Associated Factor Family Member 2	Protein Coding	38	GC05P176447	3.15	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAF2</a>
MLXIP	MLX Interacting Protein	Protein Coding	33	GC12P122078	3.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLXIP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MLXIP</a>
AQP3	Aquaporin 3 (Gill Blood Group)	Protein Coding	47	GC09M033431	3.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AQP3</a>
CYGB	Cytoglobin	Protein Coding	38	GC17M076527	3.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYGB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYGB</a>
YWHAQ	Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxyge	Protein Coding	47	GC02M009583	3.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAQ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAQ</a>

SLC46A3	Solute Carrier Family 46 Member 3	Protein Coding	36	GC13M028700	3.11 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC46A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC46A3</a>
FRK	Fyn Related Src Family Tyrosine Kinase	Protein Coding	44	GC06M115931	3.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FRK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FRK</a>
CCN4	Cellular Communication Network Factor 4	Protein Coding	31	GC08P133192	3.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCN4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCN4</a>
FAP	Fibroblast Activation Protein Alpha	Protein Coding	42	GC02M162170	3.1 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAP</a>
OSBPL5	Oxysterol Binding Protein Like 5	Protein Coding	40	GC11M003088	3.09 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OSBPL5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OSBPL5</a>
TLCD4-RWDD3	TLCD4-RWDD3 Readthrough	Protein Coding	16	GC01P095119	3.07 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLCD4-RWC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLCD4-RWC</a>
SVIL	Supervillin	Protein Coding	39	GC10M030482	3.03 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SVIL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SVIL</a>
AATF	Apoptosis Antagonizing Transcription Factor	Protein Coding	40	GC17P036948	3.03 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AATF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AATF</a>
ANKK1	Ankyrin Repeat And Kinase Domain Containing 1	Protein Coding	37	GC11P113387	3.03 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANKK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANKK1</a>
CWF19L1	CWF19 Like Cell Cycle Control Factor 1	Protein Coding	39	GC10M100232	3.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CWF19L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CWF19L1</a>
CYP2A13	Cytochrome P450 Family 2 Subfamily A Member 13	Protein Coding	41	GC19P041088	3.01 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2A13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2A13</a>
HCFC1	Host Cell Factor C1	Protein Coding	46	GC0XM153947	3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HCFC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HCFC1</a>
MIR873	MicroRNA 873	RNA Gene	16	GC09M028880	3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR873">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR873</a>
CYP2F1	Cytochrome P450 Family 2 Subfamily F Member 1	Protein Coding	41	GC19P041114	3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2F1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CYP2F1</a>
CALD1	Caldesmon 1	Protein Coding	42	GC07P134744	3 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CALD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CALD1</a>
HSP90AB1	Heat Shock Protein 90 Alpha Family Class B Member	Protein Coding	45	GC06P044246	2.99 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AB1</a>
ZFP90	ZFP90 Zinc Finger Protein	Protein Coding	36	GC16P068530	2.98 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZFP90">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZFP90</a>
MYO6	Myosin VI	Protein Coding	45	GC06P075749	2.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO6</a>
ZNF512	Zinc Finger Protein 512	Protein Coding	32	GC02P027582	2.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF512">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF512</a>
PDIA2	Protein Disulfide Isomerase Family A Member 2	Protein Coding	38	GC16P001384	2.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDIA2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDIA2</a>
FETUB	Fetuin B	Protein Coding	36	GC03P186635	2.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FETUB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FETUB</a>
BCAT1	Branched Chain Amino Acid Transaminase 1	Protein Coding	46	GC12M024732	2.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BCAT1</a>
ADRB1	Adrenoceptor Beta 1	Protein Coding	48	GC10P114044	2.94 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADRB1</a>
PCNX3	Pecanex 3	Protein Coding	25	GC11P065830	2.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCNX3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCNX3</a>
SLC3A2	Solute Carrier Family 3 Member 2	Protein Coding	42	GC11P062856	2.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC3A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC3A2</a>
TNR	Tenascin R	Protein Coding	41	GC01M175291	2.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TNR</a>
AEBP1	AE Binding Protein 1	Protein Coding	39	GC07P044106	2.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AEBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AEBP1</a>
UBQLN4	Ubiquilin 4	Protein Coding	40	GC01M156033	2.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBQLN4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBQLN4</a>
SEL1L3	SEL1L Family Member 3	Protein Coding	33	GC04M025715	2.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEL1L3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEL1L3</a>
TTF2	Transcription Termination Factor 2	Protein Coding	39	GC01P117060	2.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TTF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TTF2</a>
FOXK1	Forkhead Box K1	Protein Coding	35	GC07P004682	2.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXK1</a>
ZP4	Zona Pellucida Glycoprotein 4	Protein Coding	31	GC01M237877	2.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZP4</a>
C2orf16	Chromosome 2 Open Reading Frame 16	Protein Coding	28	GC02P027546	2.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C2orf16">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C2orf16</a>
TEX36	Testis Expressed 36	Protein Coding	29	GC10M125576	2.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TEX36">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TEX36</a>
PPIB	Peptidylprolyl Isomerase B	Protein Coding	50	GC15M064155	2.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPIB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPIB</a>
RPL7A	Ribosomal Protein L7a	Protein Coding	42	GC09P133348	2.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL7A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL7A</a>
SORCS3	Sortilin Related VPS10 Domain Containing Receptor 3	Protein Coding	36	GC10P104642	2.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SORCS3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SORCS3</a>
SORCS2	Sortilin Related VPS10 Domain Containing Receptor 2	Protein Coding	36	GC04P007196	2.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SORCS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SORCS2</a>
ARL2BPP6	ADP Ribosylation Factor Like GTPase 2 Binding Protein Pseudogene	Pseudogene	6	GC05P175290	2.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARL2BPP6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARL2BPP6</a>

ATAD3A	ATPase Family AAA Domain Containing 3A	Protein Coding	39	GC01P001570	2.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATAD3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATAD3A</a>
CAD	Carbamoyl-Phosphate Synthetase 2, Aspartate Transca	Protein Coding	50	GC02P027217	2.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAD</a>
SLC30A6	Solute Carrier Family 30 Member 6	Protein Coding	38	GC02P032166	2.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC30A6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC30A6</a>
ADAMTS9-AS2	ADAMTS9 Antisense RNA 2	RNA Gene	16	GC03P064671	2.84	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADAMTS9-A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ADAMTS9-A</a>
NDRG2	NDRG Family Member 2	Protein Coding	38	GC14M021016	2.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDRG2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NDRG2</a>
VIL1	Villin 1	Protein Coding	39	GC02P218419	2.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=VIL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=VIL1</a>
DDX1	DEAD-Box Helicase 1	Protein Coding	43	GC02P015591	2.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX1</a>
NUCB2	Nucleobindin 2	Protein Coding	38	GC11P017221	2.82	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUCB2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUCB2</a>
CHST2	Carbohydrate Sulfotransferase 2	Protein Coding	37	GC03P143119	2.81	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHST2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CHST2</a>
GPT2	Glutamic--Pyruvic Transaminase 2	Protein Coding	46	GC16P046885	2.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GPT2</a>
MCM7	Minichromosome Maintenance Complex Component 7	Protein Coding	44	GC07M100092	2.8	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM7</a>
NFE2	Nuclear Factor, Erythroid 2	Protein Coding	40	GC12M054292	2.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2</a>
MIR6090	MicroRNA 6090	RNA Gene	10	GC11P128522	2.79	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR6090">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR6090</a>
APOF	Apolipoprotein F	Protein Coding	37	GC12M056361	2.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APOF</a>
CCNC	Cyclin C	Protein Coding	40	GC06M099542	2.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCNC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCNC</a>
MYO1B	Myosin IB	Protein Coding	37	GC02P191246	2.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1B</a>
PCBP1	Poly(RC) Binding Protein 1	Protein Coding	41	GC02P070087	2.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCBP1</a>
FAM171A1	Family With Sequence Similarity 171 Member A1	Protein Coding	33	GC10M015254	2.78	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM171A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM171A1</a>
PTBP1	Polypyrimidine Tract Binding Protein 1	Protein Coding	41	GC19P000797	2.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PTBP1</a>
LOC643339	Uncharacterized LOC643339	RNA Gene	9	GC12M093004	2.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC643339">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC643339</a>
RPL12	Ribosomal Protein L12	Protein Coding	41	GC09M127447	2.77	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL12</a>
NFE2L1	Nuclear Factor, Erythroid 2 Like 1	Protein Coding	43	GC17P048049	2.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NFE2L1</a>
BBC3	BCL2 Binding Component 3	Protein Coding	41	GC19M047220	2.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BBC3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BBC3</a>
MYH10	Myosin Heavy Chain 10	Protein Coding	46	GC17M008474	2.74	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYH10</a>
FAM107B	Family With Sequence Similarity 107 Member B	Protein Coding	35	GC10M014519	2.73	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM107B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM107B</a>
HSPH1	Heat Shock Protein Family H (Hsp110) Member 1	Protein Coding	43	GC13M031134	2.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSPH1</a>
IAH1	Isoamyl Acetate Hydrolyzing Esterase 1 (Putative)	Protein Coding	33	GC02P009473	2.71	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IAH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IAH1</a>
SFRP5	Secreted Frizzled Related Protein 5	Protein Coding	39	GC10M097766	2.7	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SFRP5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SFRP5</a>
RPL9	Ribosomal Protein L9	Protein Coding	41	GC04M039452	2.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL9</a>
TRIB3	Tribbles Pseudokinase 3	Protein Coding	43	GC20P000361	2.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIB3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIB3</a>
COLGALT1	Collagen Beta(1-O)Galactosyltransferase 1	Protein Coding	36	GC19P017555	2.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COLGALT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COLGALT1</a>
RNU6-53P	RNA, U6 Small Nuclear 53, Pseudogene	Pseudogene	8	GC13M028703	2.69	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-53P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-53P</a>
MIR372	MicroRNA 372	RNA Gene	16	GC19P054631	2.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR372">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR372</a>
RND3	Rho Family GTPase 3	Protein Coding	41	GC02M150468	2.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RND3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RND3</a>
ARPC1B	Actin Related Protein 2/3 Complex Subunit 1B	Protein Coding	43	GC07P099374	2.68	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC1B</a>
NCL	Nucleolin	Protein Coding	42	GC02M231453	2.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NCL</a>
KCNK7	Potassium Two Pore Domain Channel Subfamily K M	Protein Coding	37	GC11M065592	2.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KCNK7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KCNK7</a>
MACROH2A2	MacroH2A.2 Histone	Protein Coding	29	GC10P070053	2.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MACROH2A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MACROH2A</a>
PCBP2	Poly(RC) Binding Protein 2	Protein Coding	41	GC12P053452	2.67	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCBP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PCBP2</a>

DDX5	DEAD-Box Helicase 5	Protein Coding	46	GC17M064498	2.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX5</a>
TMBIM1	Transmembrane BAX Inhibitor Motif Containing 1	Protein Coding	35	GC02M218274	2.66	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMBIM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMBIM1</a>
HNRNPM	Heterogeneous Nuclear Ribonucleoprotein M	Protein Coding	39	GC19P008444	2.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPM</a>
DISC2	Disrupted In Schizophrenia 2	RNA Gene	18	GC01M231814	2.65	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DISC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DISC2</a>
SDK1	Sidekick Cell Adhesion Molecule 1	Protein Coding	36	GC07P003307	2.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDK1</a>
SLC9A4	Solute Carrier Family 9 Member A4	Protein Coding	36	GC02P102456	2.64	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A4</a>
ATXN2L	Ataxin 2 Like	Protein Coding	37	GC16P029016	2.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATXN2L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATXN2L</a>
PPP1CA	Protein Phosphatase 1 Catalytic Subunit Alpha	Protein Coding	48	GC11M067415	2.63	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP1CA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PPP1CA</a>
PFKFB3	6-Phosphofructo-2-Kinase/Fructose-2,6-Biphosphatase	Protein Coding	44	GC10P006144	2.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PFKFB3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PFKFB3</a>
POLR3H	RNA Polymerase III Subunit H	Protein Coding	37	GC22M041525	2.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POLR3H">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POLR3H</a>
ETS1-AS1	ETS1 Antisense RNA 1	RNA Gene	11	GC11P128527	2.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ETS1-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ETS1-AS1</a>
RPL27	Ribosomal Protein L27	Protein Coding	42	GC17P042998	2.62	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL27">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL27</a>
APPL2	Adaptor Protein, Phosphotyrosine Interacting With PH	Protein Coding	35	GC12M105173	2.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APPL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APPL2</a>
L13304-005		RNA Gene	4	GC11M065320	2.61	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=L13304-005">https://www.genecards.org/cgi-bin/carddisp.pl?gene=L13304-005</a>
KLHL6	Kelch Like Family Member 6	Protein Coding	37	GC03M183487	2.6	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KLHL6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KLHL6</a>
PSG1	Pregnancy Specific Beta-1-Glycoprotein 1	Protein Coding	39	GC19M042866	2.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSG1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSG1</a>
NRG4	Neuregulin 4	Protein Coding	39	GC15M075935	2.59	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NRG4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NRG4</a>
GRM4	Glutamate Metabotropic Receptor 4	Protein Coding	44	GC06M042205	2.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRM4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRM4</a>
RPL30	Ribosomal Protein L30	Protein Coding	40	GC08M098024	2.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL30">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL30</a>
SMIM20	Small Integral Membrane Protein 20	Protein Coding	29	GC04P025865	2.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMIM20">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMIM20</a>
HNRNPC	Heterogeneous Nuclear Ribonucleoprotein C	Protein Coding	41	GC14M021210	2.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPC">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPC</a>
MYO18A	Myosin XVIII A	Protein Coding	37	GC17M029968	2.57	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO18A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO18A</a>
SEN3	SUMO Specific Peptidase 3	Protein Coding	40	GC17P008040	2.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEN3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEN3</a>
CTSS	Cathepsin S	Protein Coding	45	GC01M150730	2.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSS">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTSS</a>
KRTAP5-5	Keratin Associated Protein 5-5	Protein Coding	27	GC11P001629	2.56	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRTAP5-5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRTAP5-5</a>
CNOT4	CCR4-NOT Transcription Complex Subunit 4	Protein Coding	40	GC07M135361	2.55	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNOT4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CNOT4</a>
KIF16B	Kinesin Family Member 16B	Protein Coding	37	GC20M016272	2.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KIF16B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KIF16B</a>
RPS4X	Ribosomal Protein S4 X-Linked	Protein Coding	39	GC0XM072255	2.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS4X">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS4X</a>
FOXN3	Forkhead Box N3	Protein Coding	38	GC14M094049	2.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXN3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FOXN3</a>
SERPINA4	Serpin Family A Member 4	Protein Coding	41	GC14P094561	2.54	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINA4</a>
AGR3	Anterior Gradient 3, Protein Disulphide Isomerase Family A	Protein Coding	37	GC07M016854	2.53	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGR3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AGR3</a>
GGT3P	Gamma-Glutamyltransferase 3 Pseudogene	Pseudogene	18	GC22M018773	2.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT3P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT3P</a>
MYL6B	Myosin Light Chain 6B	Protein Coding	39	GC12P056201	2.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYL6B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYL6B</a>
POLR2D	RNA Polymerase II Subunit D	Protein Coding	41	GC02M127981	2.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POLR2D">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POLR2D</a>
WWTR1	WW Domain Containing Transcription Regulator 1	Protein Coding	41	GC03M149517	2.52	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=WWTR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=WWTR1</a>
PDE7B	Phosphodiesterase 7B	Protein Coding	39	GC06P135795	2.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDE7B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDE7B</a>
DDX60	DEAD/H-Box Helicase 60	Protein Coding	35	GC04M168216	2.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX60">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX60</a>
DDX50	DEAD-Box Helicase 50	Protein Coding	39	GC10P068901	2.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX50">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX50</a>
SLC6A9	Solute Carrier Family 6 Member 9	Protein Coding	48	GC01M043991	2.51	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC6A9</a>

piR-37045		RNA Gene	2	GC22P044002	2.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37045">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37045</a>
lnc-PNPLA5-2		RNA Gene	2	GC22M045578	2.5	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-PNPLA5-2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-PNPLA5-2</a>
APLNR	Apelin Receptor	Protein Coding	43	GC11M057233	2.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=APLNR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=APLNR</a>
RUVBL2	RuvB Like AAA ATPase 2	Protein Coding	44	GC19P048993	2.49	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUVBL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUVBL2</a>
C1QTNF3	C1q And TNF Related 3	Protein Coding	38	GC05M034017	2.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF3</a>
AP2B1	Adaptor Related Protein Complex 2 Subunit Beta 1	Protein Coding	42	GC17P035578	2.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2B1</a>
ENSG00000253111		RNA Gene	7	GC08P125466	2.47	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253111">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253111</a>
LINC02694	Long Intergenic Non-Protein Coding RNA 2694	RNA Gene	24	GC15P038630	2.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02694">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02694</a>
MCM3	Minichromosome Maintenance Complex Component 3	Protein Coding	45	GC06M052264	2.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM3</a>
GCN1	GCN1 Activator Of EIF2AK4	Protein Coding	28	GC12M120128	2.46	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GCN1</a>
MRTFA	Myocardin Related Transcription Factor A	Protein Coding	34	GC22M045655	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MRTFA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MRTFA</a>
SIRT7	Sirtuin 7	Protein Coding	41	GC17M081911	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SIRT7</a>
YWHAB	Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase	Protein Coding	48	GC20P044885	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAB</a>
TUBA1C	Tubulin Alpha 1c	Protein Coding	41	GC12P049188	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TUBA1C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TUBA1C</a>
ONECUT2	One Cut Homeobox 2	Protein Coding	35	GC18P057436	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ONECUT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ONECUT2</a>
GATAD2A	GATA Zinc Finger Domain Containing 2A	Protein Coding	37	GC19P023337	2.45	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GATAD2A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GATAD2A</a>
SRSF6	Serine And Arginine Rich Splicing Factor 6	Protein Coding	39	GC20P043457	2.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF6</a>
PWWP3A	PWWP Domain Containing 3A, DNA Repair Factor	Protein Coding	20	GC19P001364	2.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PWWP3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PWWP3A</a>
MCM5	Minichromosome Maintenance Complex Component 5	Protein Coding	44	GC22P035400	2.44	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCM5</a>
WSPAR	WNT Signaling Pathway Activating Non-Coding RNA	RNA Gene	11	GC05P133914	2.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=WSPAR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=WSPAR</a>
ATP5F1B	ATP Synthase F1 Subunit Beta	Protein Coding	33	GC12M056639	2.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP5F1B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP5F1B</a>
RPL13	Ribosomal Protein L13	Protein Coding	41	GC16P089640	2.43	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL13</a>
CLRN1-AS1	CLRN1 Antisense RNA 1	RNA Gene	16	GC03P150852	2.42	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLRN1-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLRN1-AS1</a>
GSDMD	Gasdermin D	Protein Coding	39	GC08P143553	2.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSDMD">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSDMD</a>
CCT3	Chaperonin Containing TCP1 Subunit 3	Protein Coding	41	GC01M156308	2.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT3</a>
H1-4	H1.4 Linker Histone, Cluster Member	Protein Coding	33	GC06P028871	2.41	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H1-4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H1-4</a>
MCF2L2	MCF.2 Cell Line Derived Transforming Sequence-Like	Protein Coding	34	GC03M183183	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCF2L2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MCF2L2</a>
RPS2	Ribosomal Protein S2	Protein Coding	43	GC16M002198	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS2</a>
TMOD3	Tropomodulin 3	Protein Coding	39	GC15P051829	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMOD3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMOD3</a>
RPLP2	Ribosomal Protein Lateral Stalk Subunit P2	Protein Coding	41	GC11P000891	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPLP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPLP2</a>
MYO1C	Myosin IC	Protein Coding	43	GC17M001464	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1C</a>
SNHG18	Small Nucleolar RNA Host Gene 18	RNA Gene	14	GC05P009562	2.4	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNHG18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNHG18</a>
NUDT4	Nudix Hydrolase 4	Protein Coding	39	GC12P093392	2.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUDT4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUDT4</a>
IGF2BP1	Insulin Like Growth Factor 2 mRNA Binding Protein 1	Protein Coding	40	GC17P048997	2.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF2BP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGF2BP1</a>
ACTR5	Actin Related Protein 5	Protein Coding	35	GC20P038748	2.39	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR5</a>
YWHAZ	Tyrosine 3-Monooxygenase/Tryptophan 5-Monooxygenase	Protein Coding	48	GC08M100917	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAZ">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YWHAZ</a>
TSNAX-DISC1	TSNAX-DISC1 Readthrough (NMD Candidate)	RNA Gene	19	GC01P231528	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSNAX-DISC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TSNAX-DISC1</a>
CCT2	Chaperonin Containing TCP1 Subunit 2	Protein Coding	40	GC12P069585	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT2</a>
SLC25A10	Solute Carrier Family 25 Member 10	Protein Coding	42	GC17P081712	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A10</a>



RPS15A	Ribosomal Protein S15a	Protein Coding	41	GC16M018781	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS15A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS15A</a>
lnc-PUM2-3		RNA Gene	4	GC02M020202	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-PUM2-3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-PUM2-3</a>
lnc-RHOB-11		RNA Gene	4	GC02P020182	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-RHOB-11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-RHOB-11</a>
RPS23	Ribosomal Protein S23	Protein Coding	40	GC05M082273	2.38	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS23">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS23</a>
CILP2	Cartilage Intermediate Layer Protein 2	Protein Coding	35	GC19P019538	2.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CILP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CILP2</a>
LINC01679	Long Intergenic Non-Protein Coding RNA 1679	RNA Gene	9	GC21M043360	2.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01679">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01679</a>
RPS11	Ribosomal Protein S11	Protein Coding	39	GC19P049496	2.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS11</a>
RESF1	Retroelement Silencing Factor 1	Protein Coding	25	GC12P031982	2.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RESF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RESF1</a>
C16orf95	Chromosome 16 Open Reading Frame 95	Protein Coding	26	GC16M087119	2.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C16orf95">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C16orf95</a>
IP6K3	Inositol Hexakisphosphate Kinase 3	Protein Coding	39	GC06M033721	2.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IP6K3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IP6K3</a>
MIR1296	MicroRNA 1296	RNA Gene	16	GC10M063372	2.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR1296">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR1296</a>
XPO4	Exportin 4	Protein Coding	37	GC13M020777	2.36	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=XPO4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=XPO4</a>
ENSG00000287092		RNA Gene	5	GC06M155911	2.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287092">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287092</a>
LINC00917	Long Intergenic Non-Protein Coding RNA 917	RNA Gene	14	GC16M086366	2.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00917">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00917</a>
LINC00322	Long Intergenic Non-Protein Coding RNA 322	RNA Gene	17	GC21M043322	2.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00322">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00322</a>
RPL10A	Ribosomal Protein L10a	Protein Coding	41	GC06P047437	2.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL10A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL10A</a>
DNAJA1	DnaJ Heat Shock Protein Family (Hsp40) Member A1	Protein Coding	41	GC09P033025	2.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJA1</a>
SAT1	Spermidine/Spermine N1-Acetyltransferase 1	Protein Coding	45	GC0XP023784	2.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAT1</a>
ZNF101	Zinc Finger Protein 101	Protein Coding	34	GC19P023339	2.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF101">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF101</a>
QARS1	Glutamyl-tRNA Synthetase 1	Protein Coding	26	GC03M049240	2.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=QARS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=QARS1</a>
TCP1	T-Complex 1	Protein Coding	41	GC06M159778	2.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TCP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TCP1</a>
SLC30A9	Solute Carrier Family 30 Member 9	Protein Coding	41	GC04P041992	2.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC30A9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC30A9</a>
GRIK3	Glutamate Ionotropic Receptor Kainate Type Subunit 3	Protein Coding	43	GC01M036795	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRIK3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GRIK3</a>
SP4	Sp4 Transcription Factor	Protein Coding	41	GC07P021434	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SP4</a>
ENSG00000254599		RNA Gene	5	GC11P098676	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254599">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254599</a>
lnc-CRYAA-1		RNA Gene	4	GC21P043356	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-CRYAA-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-CRYAA-1</a>
lnc-JCAD-2		RNA Gene	4	GC10M030507	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-JCAD-2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-JCAD-2</a>
lnc-CRYAA-17		RNA Gene	3	GC21P043341	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-CRYAA-17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-CRYAA-17</a>
ENSG00000226026		Uncategorized	8	GC01M095162	2.32	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000226026">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000226026</a>
RPL4	Ribosomal Protein L4	Protein Coding	41	GC15M066498	2.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL4</a>
NUDT21	Nudix Hydrolase 21	Protein Coding	37	GC16M056429	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUDT21">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NUDT21</a>
MYO1D	Myosin ID	Protein Coding	40	GC17M032492	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1D">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYO1D</a>
STRA8	Stimulated By Retinoic Acid 8	Protein Coding	35	GC07P135231	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STRA8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STRA8</a>
MIR646HG	MIR646 Host Gene	RNA Gene	14	GC20P060088	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR646HG">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR646HG</a>
ENSG00000231487		RNA Gene	6	GC11M001683	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000231487">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000231487</a>
PLPP7	Phospholipid Phosphatase 7 (Inactive)	Protein Coding	28	GC09P131290	2.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLPP7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PLPP7</a>
A2MP1	Alpha-2-Macroglobulin Pseudogene 1	Pseudogene	12	GC12M009228	2.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=A2MP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=A2MP1</a>
EIF3L	Eukaryotic Translation Initiation Factor 3 Subunit L	Protein Coding	37	GC22P037848	2.29	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3L</a>
RNU6-961P	RNA, U6 Small Nuclear 961, Pseudogene	Pseudogene	8	GC02P020175	2.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-961P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-961P</a>

ARHGAP8	Rho GTPase Activating Protein 8	Protein Coding	34	GC22P044752	2.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARHGAP8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARHGAP8</a>
IL36B	Interleukin 36 Beta	Protein Coding	35	GC02M113022	2.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL36B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IL36B</a>
HNRNPF	Heterogeneous Nuclear Ribonucleoprotein F	Protein Coding	40	GC10M043385	2.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPF</a>
SRSF1	Serine And Arginine Rich Splicing Factor 1	Protein Coding	41	GC17M058000	2.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF1</a>
LOC389199	Uncharacterized LOC389199	Protein Coding	17	GC04P007939	2.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC389199">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC389199</a>
RAB37	RAB37, Member RAS Oncogene Family	Protein Coding	37	GC17P074671	2.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAB37">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAB37</a>
TRMT44	TRNA Methyltransferase 44 Homolog	Protein Coding	32	GC04P008439	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRMT44">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRMT44</a>
RPS9	Ribosomal Protein S9	Protein Coding	41	GC19P055552	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS9</a>
ENSG00000255046		RNA Gene	8	GC08M011885	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000255046">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000255046</a>
ENSG00000287292		RNA Gene	6	GC04P148445	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287292">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287292</a>
ENSG00000222042		RNA Gene	6	GC21M025169	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000222042">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000222042</a>
lnc-LTBP3-4		RNA Gene	5	GC11M065572	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-LTBP3-4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-LTBP3-4</a>
OTX2P1	OTX2 Pseudogene 1	Pseudogene	5	GC09M075724	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OTX2P1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OTX2P1</a>
ENSG00000237936		Pseudogene	4	GC10M029891	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000237936">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000237936</a>
MN309375		RNA Gene	2	GC11M065581	2.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MN309375">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MN309375</a>
BECN2	Beclin 2	Protein Coding	22	GC01P241957	2.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BECN2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BECN2</a>
INSIG2	Insulin Induced Gene 2	Protein Coding	40	GC02P118088	2.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=INSIG2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=INSIG2</a>
RPL8	Ribosomal Protein L8	Protein Coding	41	GC08M144790	2.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL8</a>
GSTK1	Glutathione S-Transferase Kappa 1	Protein Coding	40	GC07P144971	2.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTK1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GSTK1</a>
RPS18	Ribosomal Protein S18	Protein Coding	40	GC06P047372	2.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS18</a>
TLL1	Tolloid Like 1	Protein Coding	43	GC04P165873	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TLL1</a>
ENSG00000234389		RNA Gene	8	GC02P102438	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234389">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234389</a>
ENSG00000249631		RNA Gene	7	GC04P013496	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000249631">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000249631</a>
lnc-FLI1-5		RNA Gene	4	GC11P128414	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-FLI1-5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-FLI1-5</a>
ZNF267	Zinc Finger Protein 267	Protein Coding	36	GC16P031885	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF267">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF267</a>
G0S2	G0/G1 Switch 2	Protein Coding	32	GC01P209675	2.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=G0S2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=G0S2</a>
MIR1183	MicroRNA 1183	RNA Gene	14	GC07P021510	2.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR1183">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR1183</a>
HNRNPH1	Heterogeneous Nuclear Ribonucleoprotein H1	Protein Coding	38	GC05M179614	2.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPH1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPH1</a>
MIR449A	MicroRNA 449a	RNA Gene	20	GC05M055171	2.2	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR449A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR449A</a>
C1QTNF1	C1q And TNF Related 1	Protein Coding	39	GC17P079022	2.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF1</a>
LRRFIP2	LRR Binding FLII Interacting Protein 2	Protein Coding	38	GC03M037052	2.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRRFIP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LRRFIP2</a>
ANXA9	Annexin A9	Protein Coding	39	GC01P150982	2.19	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANXA9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ANXA9</a>
CRTC1	CREB Regulated Transcription Coactivator 1	Protein Coding	42	GC19P023333	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRTC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CRTC1</a>
SVIL-AS1	SVIL Antisense RNA 1	RNA Gene	12	GC10P029410	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SVIL-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SVIL-AS1</a>
SNRPD2	Small Nuclear Ribonucleoprotein D2 Polypeptide	Protein Coding	40	GC19M045688	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRPD2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRPD2</a>
SLC9A9-AS1	SLC9A9 Antisense RNA 1	RNA Gene	13	GC03P143342	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9-AS1</a>
TEX36-AS1	TEX36 Antisense RNA 1	RNA Gene	10	GC10P125574	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TEX36-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TEX36-AS1</a>
LOC100130331	POTE Ankyrin Domain Family, Member F Pseudogene	Pseudogene	9	GC01P237862	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC100130331">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC100130331</a>
SLC9A9-AS2	SLC9A9 Antisense RNA 2	RNA Gene	8	GC03P143381	2.18	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9-AS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC9A9-AS2</a>

ENSG00000257322		RNA Gene	8	GC12M093003	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000257322">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000257322</a>
RNU6-908P	RNA, U6 Small Nuclear 908, Pseudogene	Pseudogene	7	GC10P029711	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-908P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-908P</a>
ENSG00000236501		RNA Gene	7	GC02M176990	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000236501">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000236501</a>
ENSG00000250541		RNA Gene	6	GC04P025771	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000250541">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000250541</a>
ENSG00000265994		RNA Gene	6	GC18P028638	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000265994">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000265994</a>
ENSG00000207171		RNA Gene	5	GC04P168471	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000207171">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000207171</a>
ENSG00000235464		RNA Gene	5	GC07M035496	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000235464">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000235464</a>
RNU1-35P	RNA, U1 Small Nuclear 35, Pseudogene	Pseudogene	5	GC08M135742	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU1-35P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU1-35P</a>
EEF1A1P20	Eukaryotic Translation Elongation Factor 1 Alpha 1 Ps	Pseudogene	5	GC05P099996	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEF1A1P20">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EEF1A1P20</a>
ENSG00000236389		RNA Gene	5	GC06M134706	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000236389">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000236389</a>
ENSG00000287032		RNA Gene	4	GC07M035614	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287032">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287032</a>
ENSG00000284676		RNA Gene	4	GC01P029755	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000284676">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000284676</a>
lnc-DDX60L-3		RNA Gene	4	GC04M168468	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-DDX60L-3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-DDX60L-3</a>
ENSG00000226973		Pseudogene	4	GC01P115471	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000226973">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000226973</a>
ENSG00000199378		RNA Gene	4	GC05P100021	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000199378">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000199378</a>
lnc-KCNK7-1		RNA Gene	4	GC11M065582	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-KCNK7-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-KCNK7-1</a>
HSALNG0076986		RNA Gene	4	GC10M030503	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0076986">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0076986</a>
ENSG00000276627		RNA Gene	4	GC20P060761	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000276627">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000276627</a>
piR-41195-080		RNA Gene	3	GC08M011894	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-41195-080">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-41195-080</a>
lnc-UBE2N-9		RNA Gene	3	GC12M093168	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-UBE2N-9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-UBE2N-9</a>
lnc-EDRF1-4		RNA Gene	3	GC10P125590	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-EDRF1-4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-EDRF1-4</a>
piR-59297-626		RNA Gene	3	GC08P011819	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59297-626">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59297-626</a>
LOC105372698	Uncharacterized LOC105372698	Protein Coding	3	GC20P060257	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105372698">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105372698</a>
piR-38051-198		RNA Gene	3	GC04M025834	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-38051-198">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-38051-198</a>
HSALNG0076987		RNA Gene	3	GC10P029810	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0076987">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0076987</a>
LOC107986198	Uncharacterized LOC107986198	RNA Gene	3	GC04M168488	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC107986198">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC107986198</a>
LOC102723733	Uncharacterized LOC102723733	RNA Gene	3	GC04P025862	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC102723733">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC102723733</a>
ENSG00000270927		Pseudogene	3	GC01M029904	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000270927">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000270927</a>
piR-57133-376		RNA Gene	2	GC20P060683	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-57133-376">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-57133-376</a>
AB372775		RNA Gene	2	GC10P069827	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AB372775">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AB372775</a>
RF00994-591		RNA Gene	2	GC20P060710	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00994-591">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00994-591</a>
piR-31109-001		RNA Gene	2	GC10P125633	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-31109-001">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-31109-001</a>
RF00017-1202		RNA Gene	2	GC12P093145	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00017-1202">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00017-1202</a>
lnc-AIFM2-3		RNA Gene	2	GC10M069839	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-AIFM2-3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-AIFM2-3</a>
ENSG000000283174		Pseudogene	1	GC01M237940	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000000283174">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000000283174</a>
ENSG00000213117		Pseudogene	1	GC06P134898	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000213117">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000213117</a>
ENSG00000254939		Pseudogene	1	GC11M098568	2.18 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254939">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254939</a>
RPL24	Ribosomal Protein L24	Protein Coding	39	GC03M101681	2.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL24">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL24</a>
RNU6-976P	RNA, U6 Small Nuclear 976, Pseudogene	Pseudogene	6	GC14P084739	2.17 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-976P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-976P</a>

ENSG00000283991		RNA Gene	4	GC07M004130	2.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000283991">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000283991</a>
lnc-TRIB1-7		RNA Gene	4	GC08P125495	2.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TRIB1-7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TRIB1-7</a>
LOC105375131	Uncharacterized LOC105375131	RNA Gene	4	GC07M004126	2.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105375131">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105375131</a>
ENSG00000268473		Pseudogene	2	GC16M086434	2.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000268473">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000268473</a>
STMP1	Short Transmembrane Mitochondrial Protein 1	Protein Coding	22	GC07P135663	2.17	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STMP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STMP1</a>
DHX9	DExH-Box Helicase 9	Protein Coding	40	GC01P182839	2.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHX9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHX9</a>
PSME2	Proteasome Activator Subunit 2	Protein Coding	43	GC14M024143	2.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSME2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSME2</a>
RBFOX1	RNA Binding Fox-1 Homolog 1	Protein Coding	37	GC16P005240	2.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBFOX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBFOX1</a>
THNSL2	Threonine Synthase Like 2	Protein Coding	33	GC02P088170	2.15	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=THNSL2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=THNSL2</a>
LINC00355	Long Intergenic Non-Protein Coding RNA 355	RNA Gene	14	GC13M063838	2.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00355">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00355</a>
AP2A2	Adaptor Related Protein Complex 2 Subunit Alpha 2	Protein Coding	37	GC11P000915	2.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2A2</a>
TUBA8	Tubulin Alpha 8	Protein Coding	45	GC22P018110	2.13	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TUBA8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TUBA8</a>
LOC101929710	Uncharacterized LOC101929710	RNA Gene	10	GC05P095962	2.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101929710">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101929710</a>
INPP4B	Inositol Polyphosphate-4-Phosphatase Type II B	Protein Coding	39	GC04M142023	2.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=INPP4B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=INPP4B</a>
PABPC1	Poly(A) Binding Protein Cytoplasmic 1	Protein Coding	41	GC08M100685	2.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PABPC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PABPC1</a>
POT1-AS1	POT1 Antisense RNA 1	RNA Gene	16	GC07P124929	2.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=POT1-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=POT1-AS1</a>
ST13P12	ST13, Hsp70 Interacting Protein Pseudogene 12	Pseudogene	6	GC05P082968	2.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ST13P12">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ST13P12</a>
NLRP2	NLR Family Pyrin Domain Containing 2	Protein Coding	41	GC19P054953	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NLRP2</a>
LINC02789	Long Intergenic Non-Protein Coding RNA 2789	RNA Gene	8	GC01P199149	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02789">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02789</a>
LINC01090	Long Intergenic Non-Protein Coding RNA 1090	RNA Gene	13	GC02M187712	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01090">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01090</a>
PSAPL1	Prosaposin Like 1	Protein Coding	32	GC04M007434	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSAPL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PSAPL1</a>
ENSG00000237596		Uncategorized	7	GC06M135991	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000237596">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000237596</a>
ENSG00000250001		RNA Gene	7	GC05M009519	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000250001">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000250001</a>
LOC105373944	Translation Initiation Factor IF-2-Like	Protein Coding	6	GC02M236161	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105373944">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC105373944</a>
ENSG00000248537		RNA Gene	6	GC05P009363	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000248537">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000248537</a>
HNRNPA1P58	Heterogeneous Nuclear Ribonucleoprotein A1 Pseudogene	Pseudogene	4	GC06P024003	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA1P58">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA1P58</a>
LOC101060035	DnaJ Homolog Subfamily C Member 24 Pseudogene	Pseudogene	4	GC05M133720	2.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101060035">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101060035</a>
SLC23A2	Solute Carrier Family 23 Member 2	Protein Coding	42	GC20M004852	2.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A2</a>
ACTR2	Actin Related Protein 2	Protein Coding	43	GC02P065227	2.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR2</a>
FECHP1	Ferrochelatase Pseudogene 1	Pseudogene	6	GC03P034873	2.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FECHP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FECHP1</a>
EIF4A3	Eukaryotic Translation Initiation Factor 4A3	Protein Coding	43	GC17M080135	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A3</a>
LOC101928135	Uncharacterized LOC101928135	RNA Gene	6	GC03M034875	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101928135">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC101928135</a>
KRT8P18	Keratin 8 Pseudogene 18	Pseudogene	5	GC03M035233	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT8P18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KRT8P18</a>
ACTR3	Actin Related Protein 3	Protein Coding	42	GC02P113889	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ACTR3</a>
PRR5-ARHGAP8	PRR5-ARHGAP8 Readthrough	Protein Coding	27	GC22P044702	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRR5-ARHGAP8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRR5-ARHGAP8</a>
PHF21B	PHD Finger Protein 21B	Protein Coding	35	GC22M044881	2.08	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF21B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF21B</a>
ENSG00000274121		RNA Gene	5	GC01P231814	2.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000274121">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000274121</a>
ENSG00000286071		RNA Gene	4	GC01M231767	2.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000286071">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000286071</a>
ATP6AP1L	ATPase H+ Transporting Accessory Protein 1 Like	Protein Coding	26	GC05P082279	2.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP6AP1L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ATP6AP1L</a>

SLC23A1	Solute Carrier Family 23 Member 1	Protein Coding	43	GC05M139377	2.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A1</a>
SRSF7	Serine And Arginine Rich Splicing Factor 7	Protein Coding	39	GC02M038709	2.07	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF7</a>
STARP1	Steroidogenic Acute Regulatory Protein Pseudogene 1	Pseudogene	7	GC13M065280	2.06	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STARP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STARP1</a>
LINC00888	Long Intergenic Non-Protein Coding RNA 888	RNA Gene	13	GC03P183447	2.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00888">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC00888</a>
PBX2P1	PBX Homeobox 2 Pseudogene 1	Pseudogene	11	GC03P143176	2.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PBX2P1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PBX2P1</a>
SERPINB4	Serpin Family B Member 4	Protein Coding	38	GC18M063637	2.05	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINB4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SERPINB4</a>
HNRNPA3	Heterogeneous Nuclear Ribonucleoprotein A3	Protein Coding	37	GC02P177212	2.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA3</a>
USP4	Ubiquitin Specific Peptidase 4	Protein Coding	43	GC03M049277	2.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP4</a>
TET1	Tet Methylcytosine Dioxygenase 1	Protein Coding	38	GC10P068560	2.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TET1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TET1</a>
TPI1P1	Triosephosphate Isomerase 1 Pseudogene 1	Pseudogene	7	GC01P076699	2.04	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPI1P1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TPI1P1</a>
LOC401864	Chloride Intracellular Channel 1 Pseudogene	Pseudogene	5	GC16M086468	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC401864">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC401864</a>
SLC23A4P	Solute Carrier Family 23 Member 4, Pseudogene	Pseudogene	5	GC07M135270	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A4P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC23A4P</a>
MIR378C	MicroRNA 378c	RNA Gene	13	GC10M130962	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR378C">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR378C</a>
MIR4772	MicroRNA 4772	RNA Gene	13	GC02P102432	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR4772">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR4772</a>
AP2A1	Adaptor Related Protein Complex 2 Subunit Alpha 1	Protein Coding	38	GC19P049766	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AP2A1</a>
CPB2-AS1	CPB2 Antisense RNA 1	RNA Gene	14	GC13P046052	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPB2-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CPB2-AS1</a>
HDHD5-AS1	HDHD5 Antisense RNA 1	RNA Gene	12	GC22P017160	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDHD5-AS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HDHD5-AS1</a>
LINC01029	Long Intergenic Non-Protein Coding RNA 1029	RNA Gene	12	GC18M077972	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01029">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01029</a>
SNORA63E	Small Nucleolar RNA, H/ACA Box 63E	RNA Gene	9	GC03P183457	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNORA63E">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNORA63E</a>
LINC02392	Long Intergenic Non-Protein Coding RNA 2392	RNA Gene	9	GC12P090282	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02392">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02392</a>
LINC02534	Long Intergenic Non-Protein Coding RNA 2534	RNA Gene	9	GC06M115635	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02534">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02534</a>
ENSG00000243273		RNA Gene	8	GC03P150890	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000243273">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000243273</a>
SNORA63D	Small Nucleolar RNA, H/ACA Box 63D	RNA Gene	8	GC03P183467	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNORA63D">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNORA63D</a>
LINC01818	Long Intergenic Non-Protein Coding RNA 1818	RNA Gene	8	GC02P150170	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01818">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01818</a>
ENSG00000260234		Protein Coding	8	GC03M150882	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000260234">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000260234</a>
ENSG00000259053		RNA Gene	7	GC14M094051	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000259053">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000259053</a>
ENSG00000251152		RNA Gene	7	GC04P013479	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000251152">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000251152</a>
RNU6-655P	RNA, U6 Small Nuclear 655, Pseudogene	Pseudogene	6	GC18P078036	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-655P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-655P</a>
RNU6-161P	RNA, U6 Small Nuclear 161, Pseudogene	Pseudogene	6	GC01P076753	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-161P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-161P</a>
ENSG00000241679		RNA Gene	6	GC03P143123	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000241679">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000241679</a>
RPL35AP33	Ribosomal Protein L35a Pseudogene 33	Pseudogene	6	GC16M068478	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL35AP33">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL35AP33</a>
ENSG00000232739		RNA Gene	6	GC10P015237	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000232739">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000232739</a>
ENSG00000234481		RNA Gene	6	GC01P036773	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234481">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234481</a>
ENSG00000252040		RNA Gene	6	GC16M068630	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000252040">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000252040</a>
ENSG00000253092		RNA Gene	6	GC03P183452	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253092">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253092</a>
ENSG00000249664		RNA Gene	6	GC05M083012	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000249664">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000249664</a>
LGMNP1	Legumain Pseudogene 1	Pseudogene	6	GC13M064957	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGMNP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LGMNP1</a>
ENSG00000253354		RNA Gene	6	GC08P040370	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253354">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000253354</a>
ENSG00000272479		RNA Gene	6	GC08M040519	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000272479">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000272479</a>

LINC02822	Long Intergenic Non-Protein Coding RNA 2822	RNA Gene	6	GC12P090577	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02822">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC02822</a>
HNRNPA3P5	Heterogeneous Nuclear Ribonucleoprotein A3 Pseudogene	Pseudogene	5	GC13M065787	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA3P5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPA3P5</a>
RNU6-1172P	RNA, U6 Small Nuclear 1172, Pseudogene	Pseudogene	5	GC08M096431	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-1172P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNU6-1172P</a>
MRPL45P1	Mitochondrial Ribosomal Protein L45 Pseudogene 1	Pseudogene	5	GC02M088402	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MRPL45P1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MRPL45P1</a>
ENSG00000197462		RNA Gene	5	GC07P125917	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000197462">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000197462</a>
ENSG00000235503		RNA Gene	5	GC07P083355	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000235503">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000235503</a>
ENSG00000234034		RNA Gene	5	GC21M022500	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234034">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000234034</a>
LOC107987158	Uncharacterized LOC107987158	Protein Coding	5	GC11M003142	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC107987158">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC107987158</a>
ENSG00000251730		RNA Gene	5	GC03P183454	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000251730">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000251730</a>
ENSG00000254171		RNA Gene	5	GC05P166128	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254171">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000254171</a>
RPL23AP20	Ribosomal Protein L23a Pseudogene 20	Pseudogene	5	GC01P241916	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL23AP20">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL23AP20</a>
ENSG00000259080		RNA Gene	5	GC02P027583	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000259080">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000259080</a>
lnc-SLC46A3-1		RNA Gene	4	GC13M028701	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-SLC46A3-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-SLC46A3-1</a>
ENSG00000288092		RNA Gene	4	GC12P103013	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000288092">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000288092</a>
lnc-TSNAX-2		RNA Gene	4	GC01P231693	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TSNAX-2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TSNAX-2</a>
SDR42E1P5	Short Chain Dehydrogenase/Reductase Family 42E, Member 1	Pseudogene	4	GC02P102412	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDR42E1P5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDR42E1P5</a>
lnc-MRGPRG-1		RNA Gene	4	GC11M003146	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-MRGPRG-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-MRGPRG-1</a>
ENSG00000233983		Pseudogene	4	GC01P099464	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000233983">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000233983</a>
MN309223		RNA Gene	4	GC11P003129	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MN309223">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MN309223</a>
ENSG00000271682		Pseudogene	4	GC03M183462	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000271682">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000271682</a>
ENSG00000287720		RNA Gene	3	GC03P003918	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287720">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000287720</a>
lnc-SLC22A18-7		RNA Gene	3	GC11P003146	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-SLC22A18-7">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-SLC22A18-7</a>
lnc-RASGRP1-1		RNA Gene	3	GC15M038754	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-RASGRP1-1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-RASGRP1-1</a>
lnc-WDR91-4		RNA Gene	3	GC07M135225	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-WDR91-4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-WDR91-4</a>
piR-50443-100		RNA Gene	3	GC13P046157	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-50443-100">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-50443-100</a>
ENSG00000229119		Pseudogene	3	GC05P166383	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000229119">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000229119</a>
ENSG00000225906		Pseudogene	3	GC21P022882	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000225906">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000225906</a>
HSALNG0113292		RNA Gene	3	GC16P086387	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0113292">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG0113292</a>
piR-61101-044		RNA Gene	3	GC10M015274	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61101-044">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61101-044</a>
ENSG00000231984		Pseudogene	3	GC01P199753	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000231984">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000231984</a>
piR-61861-018		RNA Gene	3	GC22P044789	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61861-018">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61861-018</a>
hsa-miR-5096-076		RNA Gene	3	GC07M004224	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=hsa-miR-5096-076">https://www.genecards.org/cgi-bin/carddisp.pl?gene=hsa-miR-5096-076</a>
ENSG00000275383		RNA Gene	3	GC16P068591	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000275383">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG00000275383</a>
piR-48470		RNA Gene	2	GC06M043135	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48470">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48470</a>
RF00026-283		RNA Gene	2	GC13M028704	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00026-283">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00026-283</a>
piR-40638		RNA Gene	2	GC06M042634	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-40638">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-40638</a>
piR-40663		RNA Gene	2	GC06M042635	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-40663">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-40663</a>
piR-49272		RNA Gene	2	GC06M043149	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49272">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49272</a>
piR-48794		RNA Gene	2	GC06M043141	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48794">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48794</a>

piR-48799-012	RNA Gene	2	GC10P015269	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48799-01">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48799-01</a>
piR-49129	RNA Gene	2	GC06M043147	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49129">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49129</a>
piR-39926	RNA Gene	2	GC06M042624	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39926">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39926</a>
piR-39858-368	RNA Gene	2	GC20M016549	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39858-36">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39858-36</a>
piR-56788	RNA Gene	2	GC06M043295	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-56788">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-56788</a>
piR-56842	RNA Gene	2	GC06M043296	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-56842">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-56842</a>
piR-32810-118	RNA Gene	2	GC07M021535	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32810-11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32810-11</a>
piR-33024	RNA Gene	2	GC06M042499	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-33024">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-33024</a>
piR-32825	RNA Gene	2	GC06M042490	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32825">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32825</a>
piR-32961	RNA Gene	2	GC06M042497	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32961">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32961</a>
ENSG00000285529	RNA Gene	2	GC10P130525	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG0000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG0000002</a>
piR-48131	RNA Gene	2	GC06M043131	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48131">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-48131</a>
piR-39137	RNA Gene	2	GC06M042608	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39137">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-39137</a>
piR-32153	RNA Gene	2	GC06M042468	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32153">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-32153</a>
piR-49710	RNA Gene	2	GC06M043154	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49710">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-49710</a>
piR-59496	RNA Gene	2	GC06M043336	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59496">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59496</a>
piR-43106-189	RNA Gene	2	GC07P135282	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-43106-18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-43106-18</a>
piR-34682	RNA Gene	2	GC06M042530	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-34682">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-34682</a>
piR-42506	RNA Gene	2	GC06M042681	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-42506">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-42506</a>
piR-42270	RNA Gene	2	GC06M042676	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-42270">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-42270</a>
lnc-TRIB1-8	RNA Gene	2	GC08P125497	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TRIB1-8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-TRIB1-8</a>
HSALNG0031159	RNA Gene	2	GC03P183480	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG003">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG003</a>
HSALNG0032693	RNA Gene	2	GC04M007714	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG003">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG003</a>
piR-43926-003	RNA Gene	2	GC06M043041	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-43926-00">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-43926-00</a>
piR-44231	RNA Gene	2	GC06M043046	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-44231">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-44231</a>
piR-59890	RNA Gene	2	GC06M043338	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59890">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-59890</a>
piR-35359	RNA Gene	2	GC06M042546	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-35359">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-35359</a>
piR-36491	RNA Gene	2	GC06M042566	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-36491">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-36491</a>
lnc-XRCC4-4	RNA Gene	2	GC05P083016	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-XRCC4-4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-XRCC4-4</a>
piR-54702	RNA Gene	2	GC06M043257	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-54702">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-54702</a>
LOC105373170 Uncharacterized LOC105373170	RNA Gene	2	GC01M231811	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053731">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053731</a>
piR-45773	RNA Gene	2	GC06M043079	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-45773">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-45773</a>
piR-55199	RNA Gene	2	GC06M043268	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55199">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55199</a>
piR-46362	RNA Gene	2	GC06M043091	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-46362">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-46362</a>
NONHSAG018421.2	RNA Gene	2	GC16P004337	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NONHSAG0">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NONHSAG0</a>
lnc-KLHL24-6	RNA Gene	2	GC03P183484	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-KLHL24-">https://www.genecards.org/cgi-bin/carddisp.pl?gene=lnc-KLHL24-</a>
piR-44286	RNA Gene	2	GC06M043047	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-44286">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-44286</a>
piR-37903	RNA Gene	2	GC06M042587	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37903">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37903</a>
piR-37780	RNA Gene	2	GC06M042585	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37780">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-37780</a>

piR-45939		RNA Gene	2	GC06M043081	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-45939">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-45939</a>
LOC105373943	Uncharacterized LOC105373943	RNA Gene	2	GC02M235676	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053739">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053739</a>
piR-61711		RNA Gene	2	GC06M043376	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61711">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-61711</a>
NONHSAG013110.2		RNA Gene	2	GC13P028704	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NONHSAG0">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NONHSAG0</a>
LOC105379051	Uncharacterized LOC105379051	RNA Gene	2	GC05M082913	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053790">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053790</a>
RF00017-1416		RNA Gene	2	GC13P046128	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00017-141">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RF00017-141</a>
LOC107986000	Uncharacterized LOC107986000	RNA Gene	2	GC02P235730	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1079860">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1079860</a>
ENSG00000258506		Pseudogene	2	GC14P084951	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
piR-30178		RNA Gene	2	GC06M042432	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30178">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30178</a>
piR-55631		RNA Gene	2	GC06M043276	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55631">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55631</a>
piR-30153		RNA Gene	2	GC06M042431	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30153">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30153</a>
piR-47596		RNA Gene	2	GC06M043104	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-47596">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-47596</a>
piR-30883		RNA Gene	2	GC06M042449	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30883">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-30883</a>
HSALNG0014027		RNA Gene	2	GC02M031425	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG001">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSALNG001</a>
piR-36047		RNA Gene	2	GC06M042559	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-36047">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-36047</a>
piR-55036-040		RNA Gene	2	GC02P031489	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55036-04">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-55036-04</a>
piR-46640		RNA Gene	2	GC06M043094	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-46640">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-46640</a>
ENSG00000276067		Pseudogene	2	GC07M135246	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
ENSG00000271078		Pseudogene	2	GC15M032251	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
piR-31534-137		RNA Gene	2	GC13M028707	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-31534-13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=piR-31534-13</a>
ENSG00000279912		Uncategorized	2	GC15P032182	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
ENSG00000280306		Uncategorized	2	GC16P020487	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
ENSG00000219736		Pseudogene	1	GC06M074850	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
ENSG00000220748		Pseudogene	1	GC06P023972	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENSG000002</a>
LOC102724253	Uncharacterized LOC102724253	RNA Gene	1	GC15M038755	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1027242">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1027242</a>
LOC107984123	Uncharacterized LOC107984123	RNA Gene	1	GC07M135263	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1079841">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1079841</a>
LOC105377705	Uncharacterized LOC105377705	RNA Gene	1	GC05M166230	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053777">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1053777</a>
RPL23A	Ribosomal Protein L23a	Protein Coding	41	GC17P028719	2.03	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL23A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL23A</a>
RUVBL1	RuvB Like AAA ATPase 1	Protein Coding	44	GC03M128064	2.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUVBL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUVBL1</a>
IBTK	Inhibitor Of Bruton Tyrosine Kinase	Protein Coding	39	GC06M082169	2.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IBTK">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IBTK</a>
AUP1	AUP1 Lipid Droplet Regulating VLDL Assembly Fact	Protein Coding	37	GC02M074526	2.02	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AUP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AUP1</a>
ILF3	Interleukin Enhancer Binding Factor 3	Protein Coding	38	GC19P010625	2.01	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ILF3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ILF3</a>
ARPC2	Actin Related Protein 2/3 Complex Subunit 2	Protein Coding	43	GC02P218217	1.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC2</a>
RRBP1	Ribosome Binding Protein 1	Protein Coding	39	GC20M017613	1.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RRBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RRBP1</a>
RTRAF	RNA Transcription, Translation And Transport Factor	Protein Coding	28	GC14P051992	1.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTRAF">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTRAF</a>
EIF4A1	Eukaryotic Translation Initiation Factor 4A1	Protein Coding	44	GC17P007572	1.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A1</a>
SRSF4	Serine And Arginine Rich Splicing Factor 4	Protein Coding	38	GC01M029147	1.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRSF4</a>
SUGP1	SURP And G-Patch Domain Containing 1	Protein Coding	35	GC19M019276	1.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUGP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUGP1</a>
LOC110366354	CYP3A4 5' Regulatory Region	Biological Region	1	GC07P099784	1.97	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1103663">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC1103663</a>



ENHO	Energy Homeostasis Associated	Protein Coding	30	GC09M034516	1.97 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENHO">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ENHO</a>
AHSA1	Activator Of HSP90 ATPase Activity 1	Protein Coding	39	GC14P077457	1.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHSA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=AHSA1</a>
RNF114	Ring Finger Protein 114	Protein Coding	40	GC20P049936	1.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNF114">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RNF114</a>
CTPS1	CTP Synthase 1	Protein Coding	44	GC01P040979	1.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTPS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTPS1</a>
SEC16A	SEC16 Homolog A, Endoplasmic Reticulum Export Fa	Protein Coding	36	GC09M136440	1.96 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEC16A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEC16A</a>
RPS8	Ribosomal Protein S8	Protein Coding	39	GC01P044775	1.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPS8</a>
TRIM33	Tripartite Motif Containing 33	Protein Coding	44	GC01M114392	1.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM33">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM33</a>
TMSB4X	Thymosin Beta 4 X-Linked	Protein Coding	40	GC0XP012975	1.95 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMSB4X">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMSB4X</a>
SRRM1	Serine And Arginine Repetitive Matrix 1	Protein Coding	37	GC01P024631	1.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRRM1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRRM1</a>
DUSP26	Dual Specificity Phosphatase 26	Protein Coding	36	GC08M033591	1.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DUSP26">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DUSP26</a>
EIF3E	Eukaryotic Translation Initiation Factor 3 Subunit E	Protein Coding	38	GC08M108201	1.93 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3E">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3E</a>
DDX17	DEAD-Box Helicase 17	Protein Coding	40	GC22M038483	1.92 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX17">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX17</a>
CCT8	Chaperonin Containing TCP1 Subunit 8	Protein Coding	37	GC21M029055	1.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CCT8</a>
CAMKK2	Calcium/Calmodulin Dependent Protein Kinase Kinase	Protein Coding	45	GC12M121309	1.91 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAMKK2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAMKK2</a>
EDC4	Enhancer Of mRNA Decapping 4	Protein Coding	38	GC16P067873	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EDC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EDC4</a>
EIF3B	Eukaryotic Translation Initiation Factor 3 Subunit B	Protein Coding	38	GC07P002354	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3B</a>
HKDC1	Hexokinase Domain Containing 1	Protein Coding	40	GC10P069220	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HKDC1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HKDC1</a>
CKAP4	Cytoskeleton Associated Protein 4	Protein Coding	37	GC12M106237	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CKAP4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CKAP4</a>
HNRNPUL1	Heterogeneous Nuclear Ribonucleoprotein U Like 1	Protein Coding	37	GC19P041262	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPUL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPUL1</a>
MAPK13	Mitogen-Activated Protein Kinase 13	Protein Coding	48	GC06P047452	1.9 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK13">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAPK13</a>
EIF3F	Eukaryotic Translation Initiation Factor 3 Subunit F	Protein Coding	42	GC11P007966	1.89 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3F">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF3F</a>
RBM14	RNA Binding Motif Protein 14	Protein Coding	36	GC11P066631	1.89 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBM14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RBM14</a>
UBE2D3	Ubiquitin Conjugating Enzyme E2 D3	Protein Coding	47	GC04M102794	1.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBE2D3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBE2D3</a>
FARSA	Phenylalanyl-TRNA Synthetase Subunit Alpha	Protein Coding	40	GC19M012922	1.88 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FARSA">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FARSA</a>
HSD17B11	Hydroxysteroid 17-Beta Dehydrogenase 11	Protein Coding	40	GC04M087336	1.87 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD17B11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSD17B11</a>
PDIA4	Protein Disulfide Isomerase Family A Member 4	Protein Coding	42	GC07M149003	1.86 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDIA4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PDIA4</a>
PGAM5	PGAM Family Member 5, Mitochondrial Serine/Threo	Protein Coding	34	GC12P132710	1.86 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PGAM5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PGAM5</a>
FAM3A	FAM3 Metabolism Regulating Signaling Molecule A	Protein Coding	35	GC0XM154506	1.85 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM3A</a>
SLC25A48	Solute Carrier Family 25 Member 48	Protein Coding	32	GC05P135579	1.84 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A48">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC25A48</a>
PKNOX1	PBX/Knotted 1 Homeobox 1	Protein Coding	40	GC21P042974	1.84 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKNOX1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PKNOX1</a>
TMEM97	Transmembrane Protein 97	Protein Coding	35	GC17P028319	1.83 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMEM97">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMEM97</a>
PABPC4	Poly(A) Binding Protein Cytoplasmic 4	Protein Coding	41	GC01M039560	1.83 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PABPC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PABPC4</a>
SF3B3	Splicing Factor 3b Subunit 3	Protein Coding	39	GC16P070523	1.83 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SF3B3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SF3B3</a>
C1QTNF9	C1q And TNF Related 9	Protein Coding	33	GC13P024307	1.82 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF9">https://www.genecards.org/cgi-bin/carddisp.pl?gene=C1QTNF9</a>
MIR190B	MicroRNA 190b	RNA Gene	14	GC01M154193	1.8 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR190B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR190B</a>
CAND1	Cullin Associated And Neddylation Dissociated 1	Protein Coding	37	GC12P067270	1.8 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAND1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CAND1</a>
MYBBP1A	MYB Binding Protein 1a	Protein Coding	39	GC17M004538	1.79 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYBBP1A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MYBBP1A</a>
USP48	Ubiquitin Specific Peptidase 48	Protein Coding	39	GC01M021678	1.79 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP48">https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP48</a>
TMC4	Transmembrane Channel Like 4	Protein Coding	35	GC19M054160	1.79 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMC4</a>

TXNL1	Thioredoxin Like 1	Protein Coding	39	GC18M056597	1.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNL1</a>
HNRNPL	Heterogeneous Nuclear Ribonucleoprotein L	Protein Coding	39	GC19M038836	1.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HNRNPL</a>
DEFA1	Defensin Alpha 1	Protein Coding	40	GC08M006977	1.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DEFA1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DEFA1</a>
EIF4A2	Eukaryotic Translation Initiation Factor 4A2	Protein Coding	45	GC03P186783	1.78 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EIF4A2</a>
LAMP3	Lysosomal Associated Membrane Protein 3	Protein Coding	39	GC03M183122	1.77 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LAMP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LAMP3</a>
DHX15	DEAH-Box Helicase 15	Protein Coding	38	GC04M024519	1.76 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHX15">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DHX15</a>
SUB1	SUB1 Regulator Of Transcription	Protein Coding	37	GC05P032533	1.76 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUB1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUB1</a>
TMBIM6	Transmembrane BAX Inhibitor Motif Containing 6	Protein Coding	36	GC12P049707	1.76 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMBIM6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TMBIM6</a>
ILF2	Interleukin Enhancer Binding Factor 2	Protein Coding	38	GC01M153661	1.74 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ILF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ILF2</a>
SRRM2	Serine/Arginine Repetitive Matrix 2	Protein Coding	33	GC16P004234	1.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRRM2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SRRM2</a>
FAM3B	FAM3 Metabolism Regulating Signaling Molecule B	Protein Coding	39	GC21P041304	1.73 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM3B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM3B</a>
RTCB	RNA 2',3'-Cyclic Phosphate And 5'-OH Ligase	Protein Coding	35	GC22M032387	1.72 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTCB">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RTCB</a>
OPRD1	Opioid Receptor Delta 1	Protein Coding	44	GC01P028812	1.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=OPRD1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=OPRD1</a>
GLT8D2	Glycosyltransferase 8 Domain Containing 2	Protein Coding	36	GC12M103988	1.71 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLT8D2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GLT8D2</a>
EBNA1BP2	EBNA1 Binding Protein 2	Protein Coding	37	GC01M043165	1.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=EBNA1BP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=EBNA1BP2</a>
LATS2	Large Tumor Suppressor Kinase 2	Protein Coding	44	GC13M020973	1.7 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LATS2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LATS2</a>
GGT5	Gamma-Glutamyltransferase 5	Protein Coding	39	GC22M024219	1.68 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=GGT5</a>
HMCEs	5-Hydroxymethylcytosine Binding, ES Cell Specific	Protein Coding	32	GC03P129278	1.63 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMCEs">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HMCEs</a>
SMOC2	SPARC Related Modular Calcium Binding 2	Protein Coding	41	GC06P168441	1.62 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMOC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SMOC2</a>
PHF2	PHD Finger Protein 2	Protein Coding	39	GC09P093576	1.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF2</a>
SNRNP40	Small Nuclear Ribonucleoprotein U5 Subunit 40	Protein Coding	36	GC01M031259	1.6 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRNP40">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SNRNP40</a>
FAT1	FAT Atypical Cadherin 1	Protein Coding	39	GC04M186587	1.59 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAT1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAT1</a>
DDX46	DEAD-Box Helicase 46	Protein Coding	39	GC05P134758	1.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX46">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DDX46</a>
PHF5A	PHD Finger Protein 5A	Protein Coding	36	GC22M041459	1.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF5A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHF5A</a>
KDM4B	Lysine Demethylase 4B	Protein Coding	43	GC19P004969	1.56 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=KDM4B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=KDM4B</a>
ARPC4	Actin Related Protein 2/3 Complex Subunit 4	Protein Coding	38	GC03P009792	1.55 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ARPC4</a>
NMBR	Neuromedin B Receptor	Protein Coding	42	GC06M142059	1.53 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=NMBR">https://www.genecards.org/cgi-bin/carddisp.pl?gene=NMBR</a>
UBXN1	UBX Domain Protein 1	Protein Coding	36	GC11M063437	1.53 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBXN1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=UBXN1</a>
SLC2A8	Solute Carrier Family 2 Member 8	Protein Coding	39	GC09P127398	1.53 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A8">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SLC2A8</a>
RGS4	Regulator Of G Protein Signaling 4	Protein Coding	43	GC01P163038	1.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RGS4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RGS4</a>
FAIM	Fas Apoptotic Inhibitory Molecule	Protein Coding	39	GC03P138608	1.5 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAIM">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAIM</a>
USP10	Ubiquitin Specific Peptidase 10	Protein Coding	44	GC16P084734	1.49 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=USP10</a>
CLGN	Calmegin	Protein Coding	37	GC04M140388	1.47 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLGN">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CLGN</a>
LYPLAL1	Lysophospholipase Like 1	Protein Coding	37	GC01P219173	1.43 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LYPLAL1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LYPLAL1</a>
SH3BP5	SH3 Domain Binding Protein 5	Protein Coding	40	GC03M015805	1.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SH3BP5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SH3BP5</a>
STK24	Serine/Threonine Kinase 24	Protein Coding	44	GC13M098445	1.42 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=STK24">https://www.genecards.org/cgi-bin/carddisp.pl?gene=STK24</a>
IGHG4	Immunoglobulin Heavy Constant Gamma 4 (G4m Mar	Protein Coding	26	GC14M109516	1.41 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGHG4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGHG4</a>
DUSP14	Dual Specificity Phosphatase 14	Protein Coding	37	GC17P037489	1.38 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DUSP14">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DUSP14</a>
SEC16B	SEC16 Homolog B, Endoplasmic Reticulum Export Fa	Protein Coding	37	GC01M177923	1.38 <a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEC16B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SEC16B</a>

DNAJC10	DnaJ Heat Shock Protein Family (Hsp40) Member C1	Protein Coding	37	GC02P182716	1.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJC10">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJC10</a>
RANGAP1	Ran GTPase Activating Protein 1	Protein Coding	41	GC22M041244	1.37	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RANGAP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RANGAP1</a>
H2BC18	H2B Clustered Histone 18	Protein Coding	27	GC01M149955	1.35	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H2BC18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H2BC18</a>
HSP90AA2P	Heat Shock Protein 90 Alpha Family Class A Member	Pseudogene	20	GC11M027888	1.34	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AA2P">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HSP90AA2P</a>
COP1	COP1 E3 Ubiquitin Ligase	Protein Coding	33	GC01M175944	1.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=COP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=COP1</a>
H2BC11	H2B Clustered Histone 11	Protein Coding	27	GC06M027291	1.31	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=H2BC11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=H2BC11</a>
RAB32	RAB32, Member RAS Oncogene Family	Protein Coding	37	GC06P146543	1.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAB32">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAB32</a>
PNLIPRP2	Pancreatic Lipase Related Protein 2 (Gene/Pseudogene)	Protein Coding	37	GC10P116620	1.3	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNLIPRP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PNLIPRP2</a>
RAMP3	Receptor Activity Modifying Protein 3	Protein Coding	40	GC07P045163	1.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAMP3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RAMP3</a>
TRIM47	Tripartite Motif Containing 47	Protein Coding	34	GC17M075874	1.28	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM47">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRIM47</a>
TRPC4AP	Transient Receptor Potential Cation Channel Subfamily	Protein Coding	37	GC20M035002	1.27	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRPC4AP">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TRPC4AP</a>
ZNF300	Zinc Finger Protein 300	Protein Coding	36	GC05M150894	1.26	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF300">https://www.genecards.org/cgi-bin/carddisp.pl?gene=ZNF300</a>
SDF2L1	Stromal Cell Derived Factor 2 Like 1	Protein Coding	35	GC22P024225	1.25	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDF2L1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SDF2L1</a>
BMP8B	Bone Morphogenetic Protein 8b	Protein Coding	39	GC01M039757	1.24	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMP8B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=BMP8B</a>
FNDC3B	Fibronectin Type III Domain Containing 3B	Protein Coding	36	GC03P172039	1.23	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FNDC3B">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FNDC3B</a>
DNAJC11	DnaJ Heat Shock Protein Family (Hsp40) Member C11	Protein Coding	35	GC01M006634	1.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJC11">https://www.genecards.org/cgi-bin/carddisp.pl?gene=DNAJC11</a>
FUNDC2	FUN14 Domain Containing 2	Protein Coding	33	GC0XP155025	1.22	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FUNDC2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FUNDC2</a>
HIF3A	Hypoxia Inducible Factor 3 Subunit Alpha	Protein Coding	39	GC19P046297	1.21	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIF3A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HIF3A</a>
IGKV2D-23	Immunoglobulin Kappa Variable 2D-23 (Pseudogene)	Pseudogene	5	GC02P090495	1.16	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGKV2D-23">https://www.genecards.org/cgi-bin/carddisp.pl?gene=IGKV2D-23</a>
RUBCNL	Rubicon Like Autophagy Enhancer	Protein Coding	25	GC13M046343	1.14	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUBCNL">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RUBCNL</a>
LOC109279247	FGF21/FUT1 Promoter Region	Biological Region	1	GC19P048768	1.12	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC109279247">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LOC109279247</a>
LINC01684	Long Intergenic Non-Protein Coding RNA 1684	RNA Gene	9	GC21P024306	1.11	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01684">https://www.genecards.org/cgi-bin/carddisp.pl?gene=LINC01684</a>
TXNDC5	Thioredoxin Domain Containing 5	Protein Coding	39	GC06M007893	1.1	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNDC5">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TXNDC5</a>
RPL17-C18orf32	RPL17-C18orf32 Readthrough	Protein Coding	21	GC18M049481	1.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL17-C18orf32">https://www.genecards.org/cgi-bin/carddisp.pl?gene=RPL17-C18orf32</a>
PHLPP2	PH Domain And Leucine Rich Repeat Protein Phosphatase	Protein Coding	41	GC16M071637	1.09	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHLPP2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PHLPP2</a>
MIR103B2	MicroRNA 103b-2	RNA Gene	9	GC20M003899	1.06	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103B2">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103B2</a>
MIR103B1	MicroRNA 103b-1	RNA Gene	8	GC05P168560	1.06	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103B1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR103B1</a>
SAP18	Sin3A Associated Protein 18	Protein Coding	39	GC13P021140	0.99	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAP18">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SAP18</a>
MAS1	MAS1 Proto-Oncogene, G Protein-Coupled Receptor	Protein Coding	40	GC06P159906	0.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAS1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MAS1</a>
CTDNBP1	CTD Nuclear Envelope Phosphatase 1	Protein Coding	35	GC17M007243	0.98	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTDNBP1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CTDNBP1</a>
YIPF6	Yip1 Domain Family Member 6	Protein Coding	34	GC0XP068498	0.97	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=YIPF6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=YIPF6</a>
CARD6	Caspase Recruitment Domain Family Member 6	Protein Coding	38	GC05P040841	0.94	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CARD6">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CARD6</a>
SUCNR1	Succinate Receptor 1	Protein Coding	40	GC03P151873	0.93	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUCNR1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=SUCNR1</a>
PRMT3	Protein Arginine Methyltransferase 3	Protein Coding	41	GC11P020409	0.9	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRMT3">https://www.genecards.org/cgi-bin/carddisp.pl?gene=PRMT3</a>
HERC4	HECT And RLD Domain Containing E3 Ubiquitin Protein	Protein Coding	36	GC10M067921	0.85	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=HERC4">https://www.genecards.org/cgi-bin/carddisp.pl?gene=HERC4</a>
CR1L	Complement C3b/C4b Receptor 1 Like	Protein Coding	34	GC01P207646	0.83	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=CR1L">https://www.genecards.org/cgi-bin/carddisp.pl?gene=CR1L</a>
FAM174A	Family With Sequence Similarity 174 Member A	Protein Coding	32	GC05P100535	0.75	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM174A">https://www.genecards.org/cgi-bin/carddisp.pl?gene=FAM174A</a>
MIR4668	MicroRNA 4668	RNA Gene	12	GC09P111932	0.58	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR4668">https://www.genecards.org/cgi-bin/carddisp.pl?gene=MIR4668</a>
TM6SF1	Transmembrane 6 Superfamily Member 1	Protein Coding	32	GC15P083244	0.33	<a href="https://www.genecards.org/cgi-bin/carddisp.pl?gene=TM6SF1">https://www.genecards.org/cgi-bin/carddisp.pl?gene=TM6SF1</a>

Information of Disgenet											
Disease	Disease_id	Gene	Gene_id	UniProt	Gene_Full_Name	Protein_Class	diseases	DSI_g	DPI_g	pLI	Score_gda
Non-alcoholic Fatty	C0400966	TM6SF2	53345	Q9BZW4	transmembrane 6 superfamily class I member 2		51	0.638	0.462	3.61E-05	0.6
Non-alcoholic Fatty	C0400966	PNPLA3	80339	Q9NST1	patatin like domain containing 3	Enzyme	132	0.556	0.692	5.74E-08	0.5
Non-alcoholic Fatty	C0400966	CYP2E1	1571	P05181	cytochrome P450 family 2 subfamily E member 1		306	0.459	0.885	8.07E-09	0.4
Non-alcoholic Fatty	C0400966	SIRT1	23411	Q96EB6	sirtuin 1	Epigenetic	675	0.378	0.885	0.087326	0.4
Non-alcoholic Fatty	C0400966	FGF21	26291	Q9NSA1	fibroblast growth factor 21	Signaling	236	0.485	0.769	0.029439	0.4
Non-alcoholic Fatty	C0400966	LEP	3952	P41159	leptin		931	0.349	0.846	0.46491	0.4
Non-alcoholic Fatty	C0400966	NFE2L2	4780	Q16236	nuclear factor erythroid 2-like 2	Enzyme	823	0.357	0.885	0.003572	0.4
Non-alcoholic Fatty	C0400966	PPARA	5465	Q07869	peroxisomal membrane protein 1	Nuclear receptor	408	0.432	0.885	0.030182	0.4
Non-alcoholic Fatty	C0400966	ADIPOQ	9370	Q15848	adiponectin	C1Q and collagen binding	679	0.376	0.885	4.64E-09	0.4
Non-alcoholic Fatty	C0400966	NR1H4	9971	Q96RI1	nuclear receptor subfamily 1 group H member 4	Nuclear receptor	187	0.513	0.808	0.000939	0.4
Non-alcoholic Fatty	C0400966	PPARD	5467	Q03181	peroxisomal membrane protein 2	Nuclear receptor	197	0.513	0.846	0.99497	0.38
Non-alcoholic Fatty	C0400966	SREBF1	6720	P36956	sterol regulatory element binding protein 1		159	0.518	0.808	0.014708	0.38
Non-alcoholic Fatty	C0400966	LDLR	3949	P01130	low density lipoprotein receptor		336	0.449	0.885	9.84E-24	0.37
Non-alcoholic Fatty	C0400966	XBPI	7494	P17861	X-box binding protein 1		234	0.477	0.846	0.032014	0.37
Non-alcoholic Fatty	C0400966	CAT	847	P04040	catalase	Enzyme	794	0.359	0.962	1.63E-10	0.37
Non-alcoholic Fatty	C0400966	FAS	355	P25445	Fas cell surface death receptor		754	0.372	0.923	0.8117	0.36
Non-alcoholic Fatty	C0400966	GNMT	27232	Q14749	glycine N-methyltransferase		57	0.626	0.462	0.002815	0.35
Non-alcoholic Fatty	C0400966	PEMT	10400	Q9UBM1	phosphatidylethanolamine N-methyltransferase		43	0.653	0.538	0.23456	0.34
Non-alcoholic Fatty	C0400966	CPT1A	1374	P50416	carnitine palmitoyltransferase 1A	Enzyme	143	0.555	0.808	5.11E-09	0.34
Non-alcoholic Fatty	C0400966	NR5A2	2494	O00482	nuclear receptor subfamily 5 group A member 2	Nuclear receptor	116	0.563	0.731	0.23807	0.34
Non-alcoholic Fatty	C0400966	TGFB1	7040	P01137	transforming growth factor beta 1	Signaling	1558	0.287	0.962	0.03685	0.34
Non-alcoholic Fatty	C0400966	AHR	196	P35869	aryl hydrocarbon receptor	Transcription factor	532	0.41	0.923	0.99999	0.33
Non-alcoholic Fatty	C0400966	GSTM1	2944	P09488	glutathione S-transferase mu 1		627	0.38	0.923	0.002064	0.33
Non-alcoholic Fatty	C0400966	GSTP1	2950	P09211	glutathione S-transferase pi 1		610	0.383	0.923	0.014155	0.33
Non-alcoholic Fatty	C0400966	IL1A	3552	P01583	interleukin 1 alpha		1002	0.333	0.962	0.00016	0.33
Non-alcoholic Fatty	C0400966	JAK2	3717	O60674	Janus kinase 2	Kinase	644	0.385	0.885	0.65372	0.33
Non-alcoholic Fatty	C0400966	PRKCA	5578	P17252	protein kinase C alpha	Kinase	368	0.44	0.846	0.3677	0.33
Non-alcoholic Fatty	C0400966	ABCC2	1244	Q92887	ATP binding cassette subfamily C member 2	Transporter	254	0.483	0.808	5.2E-47	0.32
Non-alcoholic Fatty	C0400966	KLB	#####	Q86Z14	klotho beta	Enzyme	53	0.647	0.5	0.036433	0.32
Non-alcoholic Fatty	C0400966	ACE	1636	P12821	angiotensin converting enzyme	Enzyme	1082	0.328	0.923	1.03E-37	0.32
Non-alcoholic Fatty	C0400966	ALDH2	217	P05091	aldehyde dehydrogenase 2	Enzyme	337	0.457	0.885	3.4E-10	0.32
Non-alcoholic Fatty	C0400966	GSTT1	2952	P30711	glutathione S-transferase theta 1		541	0.393	0.923	0.000148	0.32
Non-alcoholic Fatty	C0400966	PTEN	5728	P60484	phosphatase and tensin homolog	Enzyme	1349	0.305	0.923	0.25651	0.32
Non-alcoholic Fatty	C0400966	CD14	929	P08571	CD14 molecule		551	0.392	0.885	4.88E-05	0.32
Non-alcoholic Fatty	C0400966	NQO1	1728	P15559	NAD(P)H quinone dehydrogenase 1		368	0.434	0.885	1.19E-09	0.31
Non-alcoholic Fatty	C0400966	FOLR2	2350	P14207	folate receptor beta		105	0.559	0.654	5.48E-06	0.31

Non-alcoholic Fatty C0400966	GSTA1	2938 P08263	glutathione S-transferase	108	0.561	0.731	1.73E-06	0.31
Non-alcoholic Fatty C0400966	IL4	3565 P05112	interleukin 4	996	0.332	0.962	0.004737	0.31
Non-alcoholic Fatty C0400966	LIF	3976 P15018	LIF interle Signaling	236	0.483	0.769	0.5242	0.31
Non-alcoholic Fatty C0400966	PDK4	5166 Q16654	pyruvate dehydrogenase Kinase	85	0.578	0.577	9.14E-12	0.31
Non-alcoholic Fatty C0400966	PRKCD	5580 Q05655	protein kinase C	287	0.48	0.846	0.99995	0.31
Non-alcoholic Fatty C0400966	PRKCE	5581 Q02156	protein kinase C	112	0.597	0.692	0.99988	0.31
Non-alcoholic Fatty C0400966	VLDLR	7436 P98155	very low density lipoprotein receptor	143	0.558	0.692	1.96E-11	0.31
Non-alcoholic Fatty C0400966	ADH1A	124 P07327	alcohol dehydrogenase	50	0.647	0.577	1.71E-11	0.3
Non-alcoholic Fatty C0400966	ADH1B	125 P00325	alcohol dehydrogenase	224	0.502	0.846	9.93E-07	0.3
Non-alcoholic Fatty C0400966	ADH4	127 P08319	alcohol dehydrogenase	53	0.641	0.462	8.07E-07	0.3
Non-alcoholic Fatty C0400966	CSF2	1437 P04141	colony stimulating factor	1028	0.33	0.962	0.83468	0.3
Non-alcoholic Fatty C0400966	CYP1A2	1544 P05177	cytochrome P450	218	0.494	0.923	2.48E-10	0.3
Non-alcoholic Fatty C0400966	CYP17A1	1586 P05093	cytochrome P450	326	0.462	0.769	0.000263	0.3
Non-alcoholic Fatty C0400966	AHCY	191 P23526	adenosylhomocysteine	107	0.582	0.692	0.035922	0.3
Non-alcoholic Fatty C0400966	F2	2147 P00734	coagulation factor	490	0.415	0.885	0.001112	0.3
Non-alcoholic Fatty C0400966	ALDH1A1	216 P00352	aldehyde dehydrogenase	270	0.46	0.846	0.95448	0.3
Non-alcoholic Fatty C0400966	ALDH1B1	219 P30837	aldehyde dehydrogenase	31	0.691	0.462	2.7E-06	0.3
Non-alcoholic Fatty C0400966	B3GAT1	27087 Q9P2W7	beta-1,3-glucosyltransferase	199	0.494	0.769	0.13521	0.3
Non-alcoholic Fatty C0400966	EIF2AK1	27102 Q9BQI3	eukaryotic translation	56	0.633	0.577	7.01E-07	0.3
Non-alcoholic Fatty C0400966	LAMA1	##### P25391	laminin subunit alpha	107	0.582	0.808	3.22E-32	0.3
Non-alcoholic Fatty C0400966	IL3	3562 P08700	interleukin 3	211	0.489	0.731	2.59E-09	0.3
Non-alcoholic Fatty C0400966	MMP1	4312 P03956	matrix metalloproteinase	589	0.385	0.885	7.72E-18	0.3
Non-alcoholic Fatty C0400966	SERPINF1	5055 P05120	serpin family F member 1	183	0.502	0.808	6.38E-12	0.3
Non-alcoholic Fatty C0400966	ABCB4	5244 P21439	ATP binding cassette	157	0.529	0.615	2.21E-07	0.3
Non-alcoholic Fatty C0400966	PRF1	5551 P14222	perforin 1	163	0.54	0.692	5.49E-06	0.3
Non-alcoholic Fatty C0400966	PRKACA	5566 P17612	protein kinase C	88	0.606	0.692	0.97142	0.3
Non-alcoholic Fatty C0400966	TRIB3	57761 Q96RU7	tribbles protein	104	0.573	0.692	1.16E-13	0.3
Non-alcoholic Fatty C0400966	RAG2	5897 P55895	recombination activating	207	0.507	0.769	0.020287	0.3
Non-alcoholic Fatty C0400966	RDX	5962 P35241	radixin	80	0.593	0.615	0.85245	0.3
Non-alcoholic Fatty C0400966	TNFRSF1B	7133 P20333	TNF receptor superfamily	417	0.425	0.885	0.50201	0.3
Non-alcoholic Fatty C0400966	IKBKKG	8517 Q9Y6K9	inhibitor of kinase	252	0.493	0.769	0.084853	0.3
Non-alcoholic Fatty C0400966	STC2	8614 O76061	stanniocalcin	88	0.573	0.692	0.26588	0.3
Non-alcoholic Fatty C0400966	ALDH4A1	8659 P30038	aldehyde dehydrogenase	12	0.792	0.231	1.37E-05	0.3
Non-alcoholic Fatty C0400966	SCARB1	949 Q8WTV0	scavenger receptor	116	0.559	0.731	0.066228	0.3
Non-alcoholic Fatty C0400966	GCKR	2646 Q14397	glucokinase regulator	136	0.604	0.615	8.54E-19	0.2
Non-alcoholic Fatty C0400966	ATP5F1B	506 P06576	ATP synthase	62	0.626	0.654	0.97679	0.2
Non-alcoholic Fatty C0400966	NCAN	1463 O14594	neurocan	44	0.67	0.5	0.068	0.18
Non-alcoholic Fatty C0400966	PARVB	29780 Q9HBI1	parvin beta	25	0.736	0.385	2.38E-13	0.14
Non-alcoholic Fatty C0400966	SAMM50	25813 Q9Y512	SAMM50 sorting and	14	0.78	0.269	4.88E-09	0.13

Non-alcoholic Fatty C0400966	FDFT1	2222 P37268	farnesyl-diphosphate 1	62	0.621	0.615	4.1E-15	0.12
Non-alcoholic Fatty C0400966	PTPRD	5789 P23468	protein tyr Enzyme	93	0.584	0.731	1	0.11
Non-alcoholic Fatty C0400966	ZGLP1	##### P0C6A0	zinc finger GATA like	186	0.512	0.808	0.3868	0.1
Non-alcoholic Fatty C0400966	PPARGC1A	10891 Q9UBK2	PPARG cc Transcripti	350	0.453	0.885	0.9973	0.1
Non-alcoholic Fatty C0400966	NLRP3	##### Q96P20	NLR family pyrin don	805	0.361	0.962	0.000811	0.1
Non-alcoholic Fatty C0400966	OSBPL5	##### Q9H0X9	oxysterol binding prot	14	0.792	0.346	4.65E-06	0.1
Non-alcoholic Fatty C0400966	COL13A1	1305 Q5TAT6	collagen type XIII alp	139	0.608	0.654	3.74E-14	0.1
Non-alcoholic Fatty C0400966	CRP	1401 P02741	C-reactive protein	1483	0.299	0.962	0.003697	0.1
Non-alcoholic Fatty C0400966	DPP4	1803 P27487	dipeptidyl Enzyme	451	0.42	0.808	7.28E-09	0.1
Non-alcoholic Fatty C0400966	ERBB4	2066 Q15303	erb-b2 rec Kinase	317	0.455	0.846	0.99912	0.1
Non-alcoholic Fatty C0400966	FBL	2091 P22087	fibrillarin Enzyme	94	0.572	0.654	0.99319	0.1
Non-alcoholic Fatty C0400966	ALB	213 P02768	albumin Transporte	1198	0.317	0.962	0.64329	0.1
Non-alcoholic Fatty C0400966	EHBP1L1	##### Q8N3D4	EH domain binding p	12	0.89	0.115	7.12E-13	0.1
Non-alcoholic Fatty C0400966	GCG	2641 P01275	glucagon	441	0.431	0.885	0.034814	0.1
Non-alcoholic Fatty C0400966	SLC17A5	26503 Q9NRA2	solute carri Transporte	252	0.491	0.808	6.85E-10	0.1
Non-alcoholic Fatty C0400966	GGT1	2678 P19440	gamma-gl Enzyme	209	0.496	0.885	7.53E-05	0.1
Non-alcoholic Fatty C0400966	GLP1R	2740 P43220	glucagon li G-protein c	288	0.471	0.846	0.29347	0.1
Non-alcoholic Fatty C0400966	GPT	2875 P24298	glutamic-- Enzyme	511	0.403	0.923	3.59E-19	0.1
Non-alcoholic Fatty C0400966	HFE	3077 Q30201	homeostatic iron regul	415	0.436	0.846	2.56E-08	0.1
Non-alcoholic Fatty C0400966	APOC3	345 P02656	apolipoprotein C3	153	0.531	0.731	0.010024	0.1
Non-alcoholic Fatty C0400966	IGF1	3479 P05019	insulin like growth fac	1206	0.318	0.885	0.2716	0.1
Non-alcoholic Fatty C0400966	IL1B	3553 P01584	interleukin 1 beta	1801	0.276	0.962	0.13005	0.1
Non-alcoholic Fatty C0400966	IL6	3569 P05231	interleukin 6	2367	0.248	0.962	0.31536	0.1
Non-alcoholic Fatty C0400966	KRT18	3875 P05783	keratin 18	151	0.53	0.692	0.73477	0.1
Non-alcoholic Fatty C0400966	LEPR	3953 P48357	leptin rece Signaling	416	0.433	0.808	0.99475	0.1
Non-alcoholic Fatty C0400966	LIPA	3988 P38571	lipase A, ly Enzyme	130	0.564	0.654	5.53E-07	0.1
Non-alcoholic Fatty C0400966	MIR122	#####	microRNA 122	250	0.468	0.808		0.1
Non-alcoholic Fatty C0400966	MIR21	#####	microRNA 21	726	0.363	0.846		0.1
Non-alcoholic Fatty C0400966	MIR34A	#####	microRNA 34a	428	0.421	0.846		0.1
Non-alcoholic Fatty C0400966	MTTP	4547 P55157	microsoma Transporte	209	0.505	0.846	1.04E-05	0.1
Non-alcoholic Fatty C0400966	PIK3CA	5290 P42336	phosphatid Kinase	1511	0.292	0.923	1	0.1
Non-alcoholic Fatty C0400966	PIK3CB	5291 P42338	phosphatid Kinase	1083	0.322	0.885	0.99964	0.1
Non-alcoholic Fatty C0400966	PIK3CD	5293 O00329	phosphatid Kinase	1119	0.319	0.885	0.99999	0.1
Non-alcoholic Fatty C0400966	PIK3CG	5294 P48736	phosphatid Kinase	1101	0.32	0.885	1.41E-06	0.1
Non-alcoholic Fatty C0400966	PPARG	5468 P37231	peroxisom Nuclear re	877	0.358	0.885	0.029194	0.1
Non-alcoholic Fatty C0400966	GATAD2A	54815 Q86YP4	GATA zin Nucleic ac	19	0.792	0.231	0.99957	0.1
Non-alcoholic Fatty C0400966	PRKAA1	5562 Q13131	protein kin Kinase	325	0.453	0.846	0.13725	0.1
Non-alcoholic Fatty C0400966	PRKAA2	5563 P54646	protein kin Kinase	317	0.456	0.846	3.53E-08	0.1
Non-alcoholic Fatty C0400966	PRKAB1	5564 Q9Y478	protein kin Kinase	296	0.46	0.846	0.005257	0.1

Non-alcoholic Fatty C0400966	RBP4	5950 P02753	retinol bindi	Transporte	217	0.493	0.808	0.51951	0.1
Non-alcoholic Fatty C0400966	SCD	6319 O00767	stearoyl-CoA desaturase		225	0.49	0.808	0.96968	0.1
Non-alcoholic Fatty C0400966	SHBG	6462 P04278	sex hormone binding globulin		368	0.438	0.808	1.25E-06	0.1
Non-alcoholic Fatty C0400966	SLC5A2	6524 P31639	solute carrier family 5 member 2	Transporte	214	0.499	0.769	4.92E-14	0.1
Non-alcoholic Fatty C0400966	GGTLC5P	#####	gamma-glutamyltransferase 5		165	0.513	0.846		0.1
Non-alcoholic Fatty C0400966	SP4	6671 Q02446	Sp4 transcription factor	Nucleic acid	30	0.711	0.423	0.99288	0.1
Non-alcoholic Fatty C0400966	SREBF2	6721 Q12772	sterol regulatory element binding factor 2		112	0.566	0.577	0.20734	0.1
Non-alcoholic Fatty C0400966	TLR4	7099 O00206	toll like receptor 4		1174	0.321	0.962	4.61E-09	0.1
Non-alcoholic Fatty C0400966	TNF	7124 P01375	tumor necrosis factor	Signaling	2724	0.231	0.962	0.8033	0.1
Non-alcoholic Fatty C0400966	GGTLC3	##### B5MD39	gamma-glutamyltransferase 3		165	0.513	0.846		0.1
Non-alcoholic Fatty C0400966	GGT2	##### P36268	gamma-glutamyltransferase 2		165	0.513	0.846	0.00013	0.1
Non-alcoholic Fatty C0400966	GGTLC4P	#####	gamma-glutamyltransferase 4		165	0.513	0.846		0.1
Non-alcoholic Fatty C0400966	CNBP	7555 P62633	CCHC-type zinc finger protein		125	0.556	0.692	0.95994	0.1
Non-alcoholic Fatty C0400966	MBOAT7	79143 Q96N66	membrane bound oligosaccharide transferase 7	Enzyme	83	0.612	0.5	0.113	0.1
Non-alcoholic Fatty C0400966	EHMT1	79813 Q9H9B1	euchromatin histone methyltransferase 1	Epigenetic	371	0.46	0.808	1	0.1
Non-alcoholic Fatty C0400966	ACTR5	79913 Q9H9F9	actin related protein 5	Cellular structure	2	0.931	0.077	1.14E-09	0.1
Non-alcoholic Fatty C0400966	ZNF512	84450 Q96ME7	zinc finger protein 512		15	0.839	0.192	0.9765	0.1
Non-alcoholic Fatty C0400966	CRACR2A	84766 Q9BSW2	calcium release activated calcium channel subunit 2A		9	0.792	0.231	7.43E-12	0.1
Non-alcoholic Fatty C0400966	PLPP7	84814 Q8NBV4	phospholipid transfer protein 7	Enzyme	1	1	0.038	0.007998	0.1
Non-alcoholic Fatty C0400966	PWWP3A	84939 Q2TAK8	PWWP domain containing protein 3A		49	0.636	0.385	0.002152	0.1
Non-alcoholic Fatty C0400966	TP63	8626 Q9H3D4	tumor protein 63	Transcription	816	0.362	0.769	0.99728	0.1
Non-alcoholic Fatty C0400966	DDX60L	91351 Q5H9U9	DEAD/H-box 60 like		4	0.861	0.115	1.07E-38	0.1
Non-alcoholic Fatty C0400966	XPR1	9213 Q9UBH6	xenotropic retrovirus receptor 1	Transporte	217	0.488	0.731	0.99999	0.1
Non-alcoholic Fatty C0400966	CD36	948 P16671	CD36 molecule	Receptor	351	0.446	0.846	1.09E-60	0.1
Non-alcoholic Fatty C0400966	CREB5	9586 Q02930	cAMP response element binding protein 5	Transcription	48	0.682	0.538	0.22337	0.1
Non-alcoholic Fatty C0400966	FGF19	9965 O95750	fibroblast growth factor 19	Signaling	123	0.548	0.615	0.57022	0.1
Non-alcoholic Fatty C0400966	AHSG	197 P02765	alpha 2-HS glycoprotein	Enzyme	204	0.506	0.846	3.21E-10	0.09
Non-alcoholic Fatty C0400966	FASN	2194 P49327	fatty acid synthase	Enzyme	245	0.474	0.846	1	0.09
Non-alcoholic Fatty C0400966	GABPA	2551 Q06546	GA binding protein A	Transcription	632	0.379	0.885	0.99812	0.09
Non-alcoholic Fatty C0400966	GH1	2688 P01241	growth hormone	Signaling	686	0.373	0.923	0.030057	0.09
Non-alcoholic Fatty C0400966	LBP	3929 P18428	lipopolysaccharide binding protein		156	0.525	0.808	4.19E-15	0.09
Non-alcoholic Fatty C0400966	LGALS3BP	3959 Q08380	galectin 3 binding protein		127	0.546	0.769	2.68E-07	0.09
Non-alcoholic Fatty C0400966	HAMP	57817 P81172	hepcidin antimicrobial peptide		377	0.433	0.846	0.00818	0.09
Non-alcoholic Fatty C0400966	REN	5972 P00797	renin	Enzyme	721	0.37	0.923	2.43E-07	0.09
Non-alcoholic Fatty C0400966	NR1H3	10062 Q13133	nuclear receptor 1H3	Nuclear receptor	102	0.566	0.692	0.90374	0.08
Non-alcoholic Fatty C0400966	CYP3A4	1576 P08684	cytochrome P450 3A4	Enzyme	291	0.462	0.885	5.8E-11	0.08
Non-alcoholic Fatty C0400966	FABP1	2168 P07148	fatty acid binding protein 1		85	0.588	0.692	9.8E-07	0.08
Non-alcoholic Fatty C0400966	SIRT3	23410 Q9NTG7	sirtuin 3	Epigenetic	227	0.488	0.731	0.000163	0.08
Non-alcoholic Fatty C0400966	HNF4A	3172 P41235	hepatocyte nuclear factor 4A	Nuclear receptor	340	0.461	0.808	0.15285	0.08

Non-alcoholic Fatty C0400966	HSD17B13	##### Q7Z5P4	hydroxysteroid 17-beta	58	0.623	0.538	2.74E-05	0.08
Non-alcoholic Fatty C0400966	IL17A	3605 Q16552	interleukin 17A	1074	0.324	0.923	0.043049	0.08
Non-alcoholic Fatty C0400966	MLXIPL	51085 Q9NP71	MLX interacting protein	165	0.554	0.731	0.047771	0.08
Non-alcoholic Fatty C0400966	CCL2	6347 P13500	C-C motif Signaling	1157	0.321	0.962	0.60786	0.08
Non-alcoholic Fatty C0400966	LOC102724197	#####	inactive glutathione hydrolase	105	0.559	0.731		0.07
Non-alcoholic Fatty C0400966	AGTR1	185 P30556	angiotensin II G-protein coupled	440	0.423	0.846	0.000532	0.07
Non-alcoholic Fatty C0400966	MTOR	2475 P42345	mechanistic Target of Rapamycin Kinase	960	0.343	0.885	1	0.07
Non-alcoholic Fatty C0400966	FETUB	26998 Q9UGM5	fetuin B Enzyme	38	0.686	0.308	8.88E-08	0.07
Non-alcoholic Fatty C0400966	APOE	348 P02649	apolipoprotein E	1049	0.338	0.962	0.001869	0.07
Non-alcoholic Fatty C0400966	PON1	5444 P27169	paraoxonase 1	496	0.409	0.885	9.81E-11	0.07
Non-alcoholic Fatty C0400966	RETN	56729 Q9HD89	resistin	302	0.454	0.808	0.036545	0.07
Non-alcoholic Fatty C0400966	RARRES2	5919 Q99969	retinoic acid receptor related 2	180	0.519	0.731	2.72E-05	0.07
Non-alcoholic Fatty C0400966	UCP2	7351 P55851	uncoupling Transporter 2	235	0.493	0.808	1.55E-10	0.07
Non-alcoholic Fatty C0400966	NR0B2	8431 Q15466	nuclear receptor subfamily 0B class 2 member 2	251	0.474	0.808	8.34E-06	0.07
Non-alcoholic Fatty C0400966	GGTLC1	92086 Q9BX51	gamma-glutamyl transaminase 1	105	0.559	0.731	3.34E-05	0.07
Non-alcoholic Fatty C0400966	DECR1	1666 Q16698	2,4-dienoyl-CoA hydratase	399	0.426	0.885	4.47E-14	0.06
Non-alcoholic Fatty C0400966	PCSK9	##### Q8NBP7	proprotein convertase subtilisin/kexin type 9	257	0.482	0.808	2.71E-17	0.06
Non-alcoholic Fatty C0400966	ACACA	31 Q13085	acetyl-CoA carboxylase alpha	241	0.48	0.846	1	0.06
Non-alcoholic Fatty C0400966	HMGB1	3146 P09429	high mobility group box 1	724	0.368	0.923	0.82035	0.06
Non-alcoholic Fatty C0400966	APOB	338 P04114	apolipoprotein B	339	0.453	0.808	1.92E-16	0.06
Non-alcoholic Fatty C0400966	IL10	3586 P22301	interleukin 10	1679	0.281	0.923	0.005887	0.06
Non-alcoholic Fatty C0400966	LPL	4023 P06858	lipoprotein lipase	290	0.474	0.808	1.27E-09	0.06
Non-alcoholic Fatty C0400966	MIR192	#####	microRNA 192	173	0.503	0.846		0.06
Non-alcoholic Fatty C0400966	MTHFR	4524 P42898	methylenetetrahydrofolate dehydrogenase	985	0.337	0.885	3.21E-10	0.06
Non-alcoholic Fatty C0400966	SERPINE1	5054 P05121	serpin family E member 1	770	0.359	0.885	0.043609	0.06
Non-alcoholic Fatty C0400966	ANGPTL8	55908 Q6UXH0	angiopoietin-like 8	54	0.65	0.577	6.88E-12	0.06
Non-alcoholic Fatty C0400966	SOD1	6647 P00441	superoxide dismutase 1	689	0.379	0.962	0.1773	0.06
Non-alcoholic Fatty C0400966	TP53	7157 P04637	tumor protein p53	2494	0.236	0.962	0.53235	0.06
Non-alcoholic Fatty C0400966	VDR	7421 P11473	vitamin D receptor	852	0.352	0.885	1.68E-05	0.06
Non-alcoholic Fatty C0400966	IRS2	8660 Q9Y4H2	insulin receptor substrate 2	152	0.535	0.654	0.99032	0.06
Non-alcoholic Fatty C0400966	TRIB1	10221 Q96RU8	tribbles protein 1	61	0.617	0.577	0.83343	0.05
Non-alcoholic Fatty C0400966	TXNIP	10628 Q9H3M7	thioredoxin interacting protein	208	0.49	0.731	0.15918	0.05
Non-alcoholic Fatty C0400966	PLIN2	123 Q99541	perilipin 2	100	0.564	0.692	7.53E-09	0.05
Non-alcoholic Fatty C0400966	CNR1	1268 P21554	cannabinoid receptor 1	393	0.446	0.808	0.50652	0.05
Non-alcoholic Fatty C0400966	CYBB	1536 P04839	cytochrome b-245 beta chain	343	0.452	0.885	0.99904	0.05
Non-alcoholic Fatty C0400966	AKT1	207 P31749	AKT serine/threonine kinase	1250	0.311	0.962	0.9759	0.05
Non-alcoholic Fatty C0400966	ABCD1	215 P33897	ATP binding cassette subfamily 1 member 1	154	0.563	0.731	0.99896	0.05
Non-alcoholic Fatty C0400966	FOXO1	2308 Q12778	forkhead box O1	380	0.433	0.846	0.99725	0.05
Non-alcoholic Fatty C0400966	GOLGA6A	##### Q9NYA3	golgin A6 family member 1	90	0.592	0.654	1.61E-05	0.05



Non-alcoholic Fatty C0400966	APRT	353 P07741	adenine phosphoribos	384	0.423	0.846	5.45E-13	0.05
Non-alcoholic Fatty C0400966	IRS1	3667 P35568	insulin receptor substr	233	0.488	0.769	0.023645	0.05
Non-alcoholic Fatty C0400966	MIR33A	#####	microRNA 33a	100	0.56	0.654		0.05
Non-alcoholic Fatty C0400966	MFAP1	4236 P55081	microfibril Extracellul	357	0.431	0.846	0.79602	0.05
Non-alcoholic Fatty C0400966	NR3C2	4306 P08235	nuclear rec Nuclear re	287	0.469	0.846	0.83739	0.05
Non-alcoholic Fatty C0400966	SERPINA1	5265 P01009	serpin fam Enzyme m	482	0.41	0.923	6.85E-08	0.05
Non-alcoholic Fatty C0400966	RCBTB1	55213 Q8NDN9	RCC1 and Enzyme m	112	0.572	0.692	1.56E-06	0.05
Non-alcoholic Fatty C0400966	PNPLA2	57104 Q96AD5	patatin like Enzyme	199	0.511	0.846	0.004107	0.05
Non-alcoholic Fatty C0400966	SELENOP	6414 P49908	selenoprot Extracellul	138	0.545	0.769	8.29E-07	0.05
Non-alcoholic Fatty C0400966	SOD2	6648 P04179	superoxide Enzyme	668	0.379	0.923	0.15499	0.05
Non-alcoholic Fatty C0400966	STAT3	6774 P40763	signal tran Nucleic ac	1193	0.32	0.923	1	0.05
Non-alcoholic Fatty C0400966	PPP1R3B	79660 Q86XI6	protein phc Enzyme m	31	0.686	0.462	0.065025	0.05
Non-alcoholic Fatty C0400966	NR1I2	8856 O75469	nuclear rec Nuclear re	462	0.418	0.846	7.27E-09	0.05
Non-alcoholic Fatty C0400966	FADS2	9415 O95864	fatty acid desaturase 2	140	0.575	0.692	0.99815	0.05
Non-alcoholic Fatty C0400966	CEBPA	1050 P49715	CCAAT ei Transcripti	201	0.496	0.692	0.55365	0.04
Non-alcoholic Fatty C0400966	CETP	1071 P11597	cholesteryl ester trans	188	0.512	0.731	1.19E-23	0.04
Non-alcoholic Fatty C0400966	SLC27A5	10998 Q9Y2P5	solute carri Transporte	111	0.563	0.769	8.37E-15	0.04
Non-alcoholic Fatty C0400966	APOA5	##### Q6Q788	apolipoprotein A5	107	0.587	0.615	5.58E-10	0.04
Non-alcoholic Fatty C0400966	COL1A1	1277 P02452	collagen type I alpha 1	487	0.43	0.808	1	0.04
Non-alcoholic Fatty C0400966	KLF6	1316 Q99612	Kruppel lii Nucleic ac	204	0.501	0.846	0.97946	0.04
Non-alcoholic Fatty C0400966	NRG4	##### Q8WWG1	neuregulin Signaling	71	0.623	0.654	0.027981	0.04
Non-alcoholic Fatty C0400966	TMC4	##### Q7Z404	transmemb Ion channe	12	0.805	0.192	1.72E-13	0.04
Non-alcoholic Fatty C0400966	EGFR	1956 P00533	epidermal Kinase	1394	0.295	0.885	0.36837	0.04
Non-alcoholic Fatty C0400966	EPAS1	2034 Q99814	endothelial Transcripti	293	0.454	0.731	0.5961	0.04
Non-alcoholic Fatty C0400966	FABP4	2167 P15090	fatty acid binding prot	194	0.5	0.808	5.18E-05	0.04
Non-alcoholic Fatty C0400966	FGL1	2267 Q08830	fibrinogen Signaling	53	0.638	0.692	1.68E-25	0.04
Non-alcoholic Fatty C0400966	FLII	2314 Q13045	FLII actin remodeling	198	0.52	0.808	5.53E-12	0.04
Non-alcoholic Fatty C0400966	GCK	2645 P35557	glucokinas Kinase	210	0.523	0.808	0.63464	0.04
Non-alcoholic Fatty C0400966	IFNL3	##### Q8IZI9	interferon lambda 3	175	0.506	0.808	2.42E-08	0.04
Non-alcoholic Fatty C0400966	HIF1A	3091 Q16665	hypoxia in Transcripti	1044	0.327	0.923	0.9777	0.04
Non-alcoholic Fatty C0400966	HP	3240 P00738	haptoglobi Enzyme	464	0.412	0.885	1.74E-05	0.04
Non-alcoholic Fatty C0400966	HSD11B1	3290 P28845	hydroxysteroid 11-bet	163	0.52	0.731	0.41696	0.04
Non-alcoholic Fatty C0400966	IFNG	3458 P01579	interferon gamma	1519	0.288	0.962	0.47156	0.04
Non-alcoholic Fatty C0400966	APP	351 P05067	amyloid be Enzyme m	485	0.422	0.846	0.046544	0.04
Non-alcoholic Fatty C0400966	IL18	3606 Q14116	interleukin 18	750	0.365	0.923	0.030717	0.04
Non-alcoholic Fatty C0400966	INSR	3643 P06213	insulin rec Kinase	452	0.432	0.846	3.61E-05	0.04
Non-alcoholic Fatty C0400966	MIR29A	#####	microRNA 29a	278	0.459	0.808		0.04
Non-alcoholic Fatty C0400966	MAP3K5	4217 Q99683	mitogen-ac Kinase	170	0.513	0.808	0.51964	0.04
Non-alcoholic Fatty C0400966	CHPT1	56994 Q8WUD6	choline phc Enzyme	253	0.474	0.846	0.000243	0.04

Non-alcoholic Fatty C0400966	BGLAP	632 P02818	bone gamma-carboxy	274	0.462	0.846	4.62E-08	0.04
Non-alcoholic Fatty C0400966	SPP1	6696 P10451	secreted phosphoprote	824	0.353	0.885	2.15E-06	0.04
Non-alcoholic Fatty C0400966	TLR2	7097 O60603	toll like receptor 2	749	0.361	0.923	1.02E-06	0.04
Non-alcoholic Fatty C0400966	CCR2	##### P41597	C-C motif chemokine	436	0.418	0.846	0.023412	0.04
Non-alcoholic Fatty C0400966	VEGFA	7422 P15692	vascular er Signaling	1899	0.266	0.923	2.41E-05	0.04
Non-alcoholic Fatty C0400966	FTO	79068 Q9C0B1	FTO alpha-ketoglutar	286	0.486	0.885	8.36E-08	0.04
Non-alcoholic Fatty C0400966	CASP1	834 P29466	caspase 1 Enzyme	444	0.413	0.885	3.52E-05	0.04
Non-alcoholic Fatty C0400966	ABCB11	8647 O95342	ATP bindi Transpor	126	0.566	0.654	1.56E-12	0.04
Non-alcoholic Fatty C0400966	TNFSF10	8743 P50591	TNF super Signaling	445	0.413	0.885	0.13495	0.04
Non-alcoholic Fatty C0400966	NAMPT	10135 P43490	nicotinami Signaling	199	0.502	0.808	0.97914	0.03
Non-alcoholic Fatty C0400966	FST	10468 P19883	follistatin Enzyme m	182	0.513	0.731	0.98014	0.03
Non-alcoholic Fatty C0400966	PRRT2	##### Q7Z6L0	proline rich transmem	353	0.448	0.808	0.57919	0.03
Non-alcoholic Fatty C0400966	CMKLR1	1240 Q99788	chemerin c G-protein c	75	0.612	0.692	0.010767	0.03
Non-alcoholic Fatty C0400966	CPT2	1376 P23786	carnitine p Enzyme	187	0.542	0.769	4.6E-10	0.03
Non-alcoholic Fatty C0400966	PARP1	142 P09874	poly(ADP-ribose) pol	565	0.389	0.923	0.000334	0.03
Non-alcoholic Fatty C0400966	CTNNB1	1499 P35222	catenin beta 1	1368	0.303	0.885	0.99999	0.03
Non-alcoholic Fatty C0400966	GPBAR1	##### Q8TDU6	G protein-c G-protein c	122	0.548	0.731	1.36E-09	0.03
Non-alcoholic Fatty C0400966	CYP7A1	1581 P22680	cytochrom Enzyme	91	0.576	0.615	0.000245	0.03
Non-alcoholic Fatty C0400966	DLAT	1737 P10515	dihydrolipoamide S-ac	93	0.576	0.731	2.3E-08	0.03
Non-alcoholic Fatty C0400966	AFP	174 P02771	alpha fetop Transpor	392	0.429	0.885	1.14E-11	0.03
Non-alcoholic Fatty C0400966	AGER	177 Q15109	advanced g Receptor	450	0.42	0.885	6.35E-16	0.03
Non-alcoholic Fatty C0400966	AGT	183 P01019	angiotensin Enzyme m	765	0.367	0.923	4.97E-08	0.03
Non-alcoholic Fatty C0400966	ABCA1	19 O95477	ATP bindi Transpor	291	0.467	0.846	1.45E-13	0.03
Non-alcoholic Fatty C0400966	FGFR4	2264 P22455	fibroblast g Kinase	220	0.49	0.769	7.19E-13	0.03
Non-alcoholic Fatty C0400966	SMUG1	23583 Q53HV7	single-strand-selective	1034	0.322	0.923	0.000452	0.03
Non-alcoholic Fatty C0400966	GIP	2695 P09681	gastric inhibitory poly	110	0.57	0.654	0.27108	0.03
Non-alcoholic Fatty C0400966	HPGDS	27306 O60760	hematopoietic prostag	570	0.388	0.923	1.81E-06	0.03
Non-alcoholic Fatty C0400966	GOT2	2806 P00505	glutamic-oxaloacetic t	148	0.529	0.731	0.014233	0.03
Non-alcoholic Fatty C0400966	NEAT1	#####	nuclear paraspeckle as	179	0.502	0.769		0.03
Non-alcoholic Fatty C0400966	OR10A4	##### Q9H209	olfactory r G-protein c	128	0.54	0.808	1.68E-05	0.03
Non-alcoholic Fatty C0400966	GPX1	2876 P07203	glutathione Enzyme	290	0.458	0.923	3.85E-05	0.03
Non-alcoholic Fatty C0400966	ANPEP	290 P15144	alanyl amin Enzyme	280	0.462	0.769	3.75E-09	0.03
Non-alcoholic Fatty C0400966	NPC1L1	29881 Q9UHC9	NPC1 like Transpor	40	0.656	0.423	2.31E-20	0.03
Non-alcoholic Fatty C0400966	HMOX1	3162 P09601	heme oxygenase 1	666	0.381	0.923	0.009682	0.03
Non-alcoholic Fatty C0400966	CXCL10	3627 P02778	C-X-C m Signaling	631	0.378	0.885	0.36865	0.03
Non-alcoholic Fatty C0400966	CYP4F3	4051 Q08477	cytochrom Enzyme	114	0.551	0.808	3.54E-16	0.03
Non-alcoholic Fatty C0400966	ARNTL	406 O00327	aryl hydroc Transcripti	200	0.51	0.885	0.99444	0.03
Non-alcoholic Fatty C0400966	MIR140	#####	microRNA 140	144	0.522	0.769		0.03
Non-alcoholic Fatty C0400966	MIR155	#####	microRNA 155	584	0.384	0.885		0.03

Non-alcoholic Fatty C0400966	MMP2	4313 P08253	matrix met Enzyme	1021	0.333	0.923	0.83878	0.03
Non-alcoholic Fatty C0400966	MT1B	4490 P07438	metallothionein 1B	89	0.585	0.731	0.005378	0.03
Non-alcoholic Fatty C0400966	ACLY	47 P53396	ATP citrat Enzyme	109	0.563	0.692	0.083556	0.03
Non-alcoholic Fatty C0400966	NTS	4922 P30990	neurotensin	184	0.517	0.769	3.85E-05	0.03
Non-alcoholic Fatty C0400966	MIR378A	#####	microRNA 378a	127	0.532	0.808		0.03
Non-alcoholic Fatty C0400966	BCO1	53630 Q9HAY6	beta-carote Enzyme	29	0.705	0.462	5.5E-12	0.03
Non-alcoholic Fatty C0400966	PRKCB	5579 P05771	protein kin Kinase	317	0.453	0.885	1	0.03
Non-alcoholic Fatty C0400966	MAPK8	5599 P45983	mitogen-ac Kinase	520	0.397	0.885	0.99823	0.03
Non-alcoholic Fatty C0400966	PRL	5617 P01236	prolactin Signaling	506	0.406	0.885	2.9E-07	0.03
Non-alcoholic Fatty C0400966	MIR451A	#####	microRNA 451a	177	0.505	0.769		0.03
Non-alcoholic Fatty C0400966	CXCL16	58191 Q9H2A7	C-X-C mo Signaling	178	0.502	0.769	3.45E-05	0.03
Non-alcoholic Fatty C0400966	ACE2	59272 Q9BYF1	angiotensin Enzyme	253	0.477	0.769	0.99769	0.03
Non-alcoholic Fatty C0400966	BCL2	596 P10415	BCL2 apo Signaling	1456	0.291	0.885	0.55903	0.03
Non-alcoholic Fatty C0400966	BCL2A1	597 Q16548	BCL2 relat Signaling	150	0.529	0.731	0.20785	0.03
Non-alcoholic Fatty C0400966	SAV1	60485 Q9H4B6	salvador family WW c	42	0.659	0.5	0.000904	0.03
Non-alcoholic Fatty C0400966	SLC10A2	6555 Q12908	solute carri Transporte	66	0.621	0.538	9.58E-17	0.03
Non-alcoholic Fatty C0400966	SMN1	6606 Q16637	survival of Epigenetic	317	0.454	0.769	0.015829	0.03
Non-alcoholic Fatty C0400966	SMN2	6607 Q16637	survival of motor neur	299	0.459	0.769	0.10337	0.03
Non-alcoholic Fatty C0400966	BNIP3	664 Q12983	BCL2 interacting prot	158	0.52	0.731	1.97E-05	0.03
Non-alcoholic Fatty C0400966	TERT	7015 O14746	telomerase Enzyme	703	0.374	0.846	0.99046	0.03
Non-alcoholic Fatty C0400966	TIMP1	7076 P01033	TIMP met Enzyme m	603	0.38	0.885	0.4993	0.03
Non-alcoholic Fatty C0400966	TIMP2	7077 P16035	TIMP met Enzyme m	404	0.425	0.846	0.78893	0.03
Non-alcoholic Fatty C0400966	ADIPOR2	79602 Q86V24	adiponectin Receptor	103	0.564	0.731	0.36218	0.03
Non-alcoholic Fatty C0400966	BCO2	83875 Q9BYV7	beta-carotene oxygena	19	0.78	0.231	3.78E-18	0.03
Non-alcoholic Fatty C0400966	CAV1	857 Q03135	caveolin 1 Enzyme m	633	0.388	0.885	0.008274	0.03
Non-alcoholic Fatty C0400966	GDF15	9518 Q99988	growth dif Signaling	389	0.429	0.808	3.01E-07	0.03
Non-alcoholic Fatty C0400966	BMS1	9790 Q14692	BMS1 ribosome bioge	192	0.499	0.846	0.000175	0.03
Non-alcoholic Fatty C0400966	NR1I3	9970 Q14994	nuclear rec Nuclear re	318	0.448	0.846	3.53E-08	0.03
Non-alcoholic Fatty C0400966	FAS-AS1	#####	FAS antisense RNA 1	29	0.695	0.538		0.02
Non-alcoholic Fatty C0400966	LINC01672	#####	long intergenic non-pr	268	0.462	0.846		0.02
Non-alcoholic Fatty C0400966	PSC	#####	Cholangitis, primary s	67	0.603	0.731		0.02
Non-alcoholic Fatty C0400966	TLR6	10333 Q9Y2C9	toll like receptor 6	106	0.556	0.769	2.25E-05	0.02
Non-alcoholic Fatty C0400966	YAP1	10413 P46937	Yes associ Enzyme m	374	0.432	0.808	0.99918	0.02
Non-alcoholic Fatty C0400966	POSTN	10631 Q15063	periostin Signaling	378	0.428	0.885	1.07E-09	0.02
Non-alcoholic Fatty C0400966	CES1	1066 P23141	carboxyles Enzyme	80	0.59	0.692	3.32E-15	0.02
Non-alcoholic Fatty C0400966	CORIN	10699 Q9Y5Q5	corin, serine peptidase	55	0.695	0.538	6.51E-35	0.02
Non-alcoholic Fatty C0400966	CCL27	10850 Q9Y4X3	C-C motif Signaling	185	0.502	0.846	0.013511	0.02
Non-alcoholic Fatty C0400966	MTMR11	10903 A4FU01	myotubular Enzyme	32	0.691	0.538	4.77E-23	0.02
Non-alcoholic Fatty C0400966	CHIT1	1118 Q13231	chitinase 1	142	0.525	0.692	7.17E-16	0.02

Non-alcoholic Fatty C0400966	ECD	11319	O95905	ecdysoneless cell cycl	40	0.656	0.538	2.34E-12	0.02
Non-alcoholic Fatty C0400966	C1QTNF1	#####	Q9BXJ1	C1q and TNF related	27	0.7	0.346	0.000424	0.02
Non-alcoholic Fatty C0400966	LYPLAL1	#####	Q5VWZ2	lysophospholipase like	8	0.821	0.192	2.64E-05	0.02
Non-alcoholic Fatty C0400966	BHLHE23	#####	Q8NDY6	basic helix Enzyme	22	0.722	0.385	0.19596	0.02
Non-alcoholic Fatty C0400966	MAP3K8	1326	P41279	mitogen-ac Kinase	168	0.516	0.846	0.96825	0.02
Non-alcoholic Fatty C0400966	COX8A	1351	P10176	cytochrome Enzyme	526	0.4	0.846	0.11606	0.02
Non-alcoholic Fatty C0400966	GPR119	#####	Q8TDV5	G protein-α G-protein α	27	0.695	0.346	0.008618	0.02
Non-alcoholic Fatty C0400966	CYBA	1535	P13498	cytochrome b-245 alpl	177	0.52	0.769	8.87E-06	0.02
Non-alcoholic Fatty C0400966	CYP1A1	1543	P04798	cytochrome Enzyme	379	0.436	0.846	1.06E-17	0.02
Non-alcoholic Fatty C0400966	GRK2	156	P25098	G protein-α Kinase	159	0.532	0.654	0.99998	0.02
Non-alcoholic Fatty C0400966	CYP2D6	1565	P10635	cytochrome P450 fam	432	0.437	0.885	1.08E-25	0.02
Non-alcoholic Fatty C0400966	ATN1	1822	P54259	atrophin 1	499	0.409	0.885	0.99992	0.02
Non-alcoholic Fatty C0400966	MLKL	#####	Q8NB16	mixed line Kinase	93	0.57	0.731	2.09E-14	0.02
Non-alcoholic Fatty C0400966	ELANE	1991	P08246	elastase, n Enzyme	346	0.447	0.846	0.001227	0.02
Non-alcoholic Fatty C0400966	ELAVL2	1993	Q12926	ELAV like RNA bind	199	0.486	0.808	0.99514	0.02
Non-alcoholic Fatty C0400966	ESR1	2099	P03372	estrogen re Nuclear re	1101	0.324	0.962	0.9992	0.02
Non-alcoholic Fatty C0400966	ESRRA	2101	P11474	estrogen re Nuclear re	112	0.548	0.654	0.59696	0.02
Non-alcoholic Fatty C0400966	ACSL4	2182	O60488	acyl-CoA α Enzyme	136	0.561	0.769	0.98103	0.02
Non-alcoholic Fatty C0400966	FAT1	2195	Q14517	FAT atypical cadherin	178	0.508	0.808	1.2E-12	0.02
Non-alcoholic Fatty C0400966	FCGR2B	2213	P31994	Fc fragmer Cell adhes	155	0.522	0.846	0.45637	0.02
Non-alcoholic Fatty C0400966	SIRT2	22933	Q8IXJ6	sirtuin 2 Epigenetic	172	0.51	0.769	2.33E-08	0.02
Non-alcoholic Fatty C0400966	FOXO3	2309	O43524	forkhead box O3	381	0.431	0.808	0.98806	0.02
Non-alcoholic Fatty C0400966	LPIN1	23175	Q14693	lipin 1	86	0.601	0.692	6.45E-13	0.02
Non-alcoholic Fatty C0400966	MLYCD	23417	O95822	malonyl-CoA decarbo	79	0.617	0.769	0.000648	0.02
Non-alcoholic Fatty C0400966	FOS	2353	P01100	Fos proto-α Transcripti	528	0.411	0.885	0.26176	0.02
Non-alcoholic Fatty C0400966	ALOX12	239	P18054	arachidona Enzyme	119	0.558	0.692	1.44E-15	0.02
Non-alcoholic Fatty C0400966	ALOX5	240	P09917	arachidona Enzyme	342	0.447	0.885	1.21E-06	0.02
Non-alcoholic Fatty C0400966	ALOX15	246	P16050	arachidona Enzyme	205	0.502	0.846	1.14E-23	0.02
Non-alcoholic Fatty C0400966	ALPP	250	P05187	alkaline ph Enzyme	209	0.487	0.808	1.81E-13	0.02
Non-alcoholic Fatty C0400966	FNDC5	#####	Q8NAU1	fibronectin type III do	61	0.631	0.538	0.5458	0.02
Non-alcoholic Fatty C0400966	ATRNL1	26033	Q5VV63	attractin like Enzyme m	117	0.546	0.769	0.99915	0.02
Non-alcoholic Fatty C0400966	GC	2638	P02774	GC vitamin Transporte	219	0.489	0.885	2.73E-11	0.02
Non-alcoholic Fatty C0400966	GCGR	2642	P47871	glucagon r G-protein α	47	0.656	0.308	2.22E-06	0.02
Non-alcoholic Fatty C0400966	PDLIM3	27295	Q53GG5	PDZ and L Cellular st	118	0.547	0.769	3.03E-07	0.02
Non-alcoholic Fatty C0400966	GLUL	2752	P15104	glutamate- Enzyme	200	0.513	0.731	0.9957	0.02
Non-alcoholic Fatty C0400966	SLC13A5	#####	Q86YT5	solute carri Transporte	106	0.608	0.577	0.000506	0.02
Non-alcoholic Fatty C0400966	GRN	2896	P28799	granulin precursor	412	0.435	0.846	0.069666	0.02
Non-alcoholic Fatty C0400966	SETD2	29072	Q9BYW2	SET doma Epigenetic	447	0.424	0.846	1	0.02
Non-alcoholic Fatty C0400966	NR3C1	2908	P04150	nuclear rec Nuclear re	590	0.393	0.885	0.96958	0.02

Non-alcoholic Fatty C0400966	TBK1	29110 Q9UHD2	TANK bin Kinase	207	0.513	0.846	0.075174	0.02
Non-alcoholic Fatty C0400966	PDIA3	2923 P30101	protein disulfide isom	100	0.566	0.769	0.99608	0.02
Non-alcoholic Fatty C0400966	FOXA1	3169 P55317	forkhead b Transcrip	138	0.522	0.731	0.22227	0.02
Non-alcoholic Fatty C0400966	ACACB	32 O00763	acetyl-CoA carboxyla	49	0.644	0.654	7.65E-47	0.02
Non-alcoholic Fatty C0400966	HSPA1A	3303 P0DMV8;P0DMV	heat shock protein fan	229	0.486	0.769	0.030228	0.02
Non-alcoholic Fatty C0400966	HSPA1B	3304 P0DMV8;P0DMV	heat shock protein fan	251	0.474	0.808	0.005346	0.02
Non-alcoholic Fatty C0400966	HSP90AA1	3320 P07900	heat shock Chaperone	455	0.411	0.923	0.86025	0.02
Non-alcoholic Fatty C0400966	FFAR4	##### Q5NUL3	free fatty acid recepto	67	0.621	0.577	1.36E-05	0.02
Non-alcoholic Fatty C0400966	IDH2	3418 P48735	isocitrate dehydrogen	380	0.434	0.808	0.88271	0.02
Non-alcoholic Fatty C0400966	IRGM	##### A1A4Y4	immunity related GTF	57	0.617	0.538		0.02
Non-alcoholic Fatty C0400966	IGFALS	3483 P35858	insulin like Receptor	203	0.511	0.846	5.44E-11	0.02
Non-alcoholic Fatty C0400966	CXCL8	3576 P10145	C-X-C mo' Signaling	1254	0.31	0.962	0.000274	0.02
Non-alcoholic Fatty C0400966	INS	3630 P01308	insulin	405	0.445	0.923	0.30091	0.02
Non-alcoholic Fatty C0400966	AQP9	366 O43315	aquaporin ' Ion channe	100	0.565	0.808	0.24027	0.02
Non-alcoholic Fatty C0400966	AR	367 P10275	androgen r Nuclear re	854	0.351	0.846	0.98837	0.02
Non-alcoholic Fatty C0400966	ENHO	##### Q6UWT2	energy homeostasis as	71	0.599	0.769	0.10526	0.02
Non-alcoholic Fatty C0400966	LCN2	3934 P80188	lipocalin 2 Enzyme	497	0.405	0.885	1.14E-09	0.02
Non-alcoholic Fatty C0400966	LECT2	3950 O14960	leukocyte c' Signaling	47	0.653	0.5	0.001481	0.02
Non-alcoholic Fatty C0400966	MIR126	#####	microRNA 126	305	0.447	0.846		0.02
Non-alcoholic Fatty C0400966	MIR149	#####	microRNA 149	140	0.524	0.769		0.02
Non-alcoholic Fatty C0400966	MIR20A	#####	microRNA 20a	180	0.498	0.769		0.02
Non-alcoholic Fatty C0400966	MIR200C	#####	microRNA 200c	202	0.486	0.846		0.02
Non-alcoholic Fatty C0400966	MIR222	#####	microRNA 222	210	0.486	0.808		0.02
Non-alcoholic Fatty C0400966	MAS1	4142 P04201	MAS1 pro G-protein c	142	0.533	0.769	8.25E-05	0.02
Non-alcoholic Fatty C0400966	MC4R	4160 P32245	melanocort G-protein c	149	0.535	0.692	0.000917	0.02
Non-alcoholic Fatty C0400966	MMP13	4322 P45452	matrix met Enzyme	328	0.452	0.923	7.88E-18	0.02
Non-alcoholic Fatty C0400966	PLIN5	##### Q00G26	perilipin 5	27	0.695	0.346	1.05E-11	0.02
Non-alcoholic Fatty C0400966	MUC1	4582 P15941	mucin 1, cell surface c	594	0.384	0.885	0.018774	0.02
Non-alcoholic Fatty C0400966	ATF3	467 P18847	activating ' Transcrip	228	0.494	0.885	0.089296	0.02
Non-alcoholic Fatty C0400966	ATHS	470	atherosclerosis suscep	112	0.551	0.769		0.02
Non-alcoholic Fatty C0400966	CCN3	4856 P48745	cellular co' Signaling	117	0.554	0.615	0.006644	0.02
Non-alcoholic Fatty C0400966	MIR375	#####	microRNA 375	226	0.476	0.769		0.02
Non-alcoholic Fatty C0400966	TNFRSF11B	4982 O00300	TNF receptor superfam	443	0.422	0.808	0.16171	0.02
Non-alcoholic Fatty C0400966	IL22	50616 Q9GZX6	interleukin 22	551	0.393	0.885	0.000188	0.02
Non-alcoholic Fatty C0400966	ACOX1	51 Q15067	acyl-CoA c' Enzyme	95	0.61	0.731	0.062095	0.02
Non-alcoholic Fatty C0400966	ADIPOR1	51094 Q96A54	adiponectin Receptor	148	0.529	0.808	0.6584	0.02
Non-alcoholic Fatty C0400966	CRNKL1	51340 Q9BZJ0	crooked ne Nucleic ac	24	0.711	0.385	2.72E-06	0.02
Non-alcoholic Fatty C0400966	HSD17B7	51478 P56937	hydroxysteroid 17-bet	81	0.582	0.5	6.65E-06	0.02
Non-alcoholic Fatty C0400966	GDE1	51573 Q9NZC3	glycerophosphodiester	228	0.481	0.808	6.12E-06	0.02

Non-alcoholic Fatty C0400966	ENPP1	5167 P22413	ectonucleo Enzyme	247	0.498	0.808	4.99E-08	0.02
Non-alcoholic Fatty C0400966	LUC7L3	51747 O95232	LUC7 like 3 pre-mRN	26	0.691	0.5	0.99999	0.02
Non-alcoholic Fatty C0400966	FAM3B	54097 P58499	FAM3 metabolism re	38	0.682	0.385	2.43E-08	0.02
Non-alcoholic Fatty C0400966	UGT1A1	54658 P22309	UDP glucuronosyltrar	302	0.464	0.769	3.26E-06	0.02
Non-alcoholic Fatty C0400966	ELOVL2	54898 Q9NXB9	ELOVL fa Enzyme	26	0.722	0.423	8.37E-10	0.02
Non-alcoholic Fatty C0400966	AVP	551 P01185	arginine v $\alpha$ Signaling	454	0.437	0.846	0.074413	0.02
Non-alcoholic Fatty C0400966	NAT10	55226 Q9H0A0	N-acetyltransferase 10	133	0.536	0.769	4.12E-22	0.02
Non-alcoholic Fatty C0400966	PTPA	5524 Q15257	protein ph $\alpha$ Enzyme m	245	0.48	0.846	0.99057	0.02
Non-alcoholic Fatty C0400966	MEG3	55384	maternally expressed	239	0.471	0.846		0.02
Non-alcoholic Fatty C0400966	MAPK1	5594 P28482	mitogen-ac Kinase	1059	0.33	0.923	0.99698	0.02
Non-alcoholic Fatty C0400966	MYDGF	56005 Q969H8	myeloid derived grow	295	0.451	0.846	3.49E-06	0.02
Non-alcoholic Fatty C0400966	AZGP1	563 P25311	alpha-2-glycoprotein	101	0.566	0.769	4.15E-06	0.02
Non-alcoholic Fatty C0400966	PRTN3	5657 P24158	proteinase Enzyme	215	0.503	0.808	3.8E-05	0.02
Non-alcoholic Fatty C0400966	PTGS1	5742 P23219	prostaglan $\alpha$ Enzyme	318	0.46	0.885	6.24E-07	0.02
Non-alcoholic Fatty C0400966	MIR146B	#####	microRNA 146b	187	0.496	0.769		0.02
Non-alcoholic Fatty C0400966	PTPN1	5770 P18031	protein tyrosine phosp	169	0.523	0.731	0.81293	0.02
Non-alcoholic Fatty C0400966	NLRC4	58484 Q9NPP4	NLR family CARD do	145	0.556	0.769	9.87E-12	0.02
Non-alcoholic Fatty C0400966	BCAT1	586 P54687	branched c Enzyme	62	0.606	0.538	3.8E-08	0.02
Non-alcoholic Fatty C0400966	MOK	5891 Q9UQ07	MOK prot $\alpha$ Kinase	251	0.476	0.769	8.84E-22	0.02
Non-alcoholic Fatty C0400966	FAM3A	60343 P98173	FAM3 metabolism re	8	0.805	0.269	0.66899	0.02
Non-alcoholic Fatty C0400966	ROCK1	6093 Q13464	Rho associ Kinase	157	0.513	0.731	1	0.02
Non-alcoholic Fatty C0400966	HCC	#####	thyroid carcinoma, Hu	45	0.644	0.423		0.02
Non-alcoholic Fatty C0400966	S100A8	6279 P05109	S100 calci $\alpha$ Calcium-b	369	0.43	0.962	0.13761	0.02
Non-alcoholic Fatty C0400966	CEACAM1	634 P13688	CEA cell adhesion mc	167	0.525	0.731	0.000788	0.02
Non-alcoholic Fatty C0400966	SCP2	6342 P22307	sterol carrier protein 2	50	0.644	0.5	8.75E-07	0.02
Non-alcoholic Fatty C0400966	CCL20	6364 P78556	C-C motif Signaling	242	0.474	0.846	0.000242	0.02
Non-alcoholic Fatty C0400966	SELPLG	6404 Q14242	selectin P ligand	113	0.564	0.692	0.1768	0.02
Non-alcoholic Fatty C0400966	ABCG5	64240 Q9H222	ATP bindi $\alpha$ Transporte	108	0.592	0.577	3.08E-21	0.02
Non-alcoholic Fatty C0400966	IL25	64806 Q9H293	interleukin 25	139	0.529	0.846	0.000923	0.02
Non-alcoholic Fatty C0400966	SLC2A1	6513 P11166	solute carri Transporte	687	0.388	0.808	0.9941	0.02
Non-alcoholic Fatty C0400966	SLC2A2	6514 P11168	solute carri Transporte	123	0.572	0.692	3.43E-08	0.02
Non-alcoholic Fatty C0400966	NCF1	##### P14598	neutrophil cytosolic fa	170	0.521	0.808	2.83E-05	0.02
Non-alcoholic Fatty C0400966	SLPI	6590 P03973	secretory l $\alpha$ Enzyme m	310	0.449	0.846	0.000897	0.02
Non-alcoholic Fatty C0400966	SPARC	6678 P09486	secreted pr Signaling	344	0.445	0.846	0.89148	0.02
Non-alcoholic Fatty C0400966	SPINK1	6690 P00995	serine peptidase inhib	216	0.492	0.808	0.31476	0.02
Non-alcoholic Fatty C0400966	SPTBN1	6711 Q01082	spectrin beta, non-eryt	76	0.619	0.538	1	0.02
Non-alcoholic Fatty C0400966	STAT5A	6776 P42229	signal tran: Nucleic ac	318	0.445	0.808	0.99994	0.02
Non-alcoholic Fatty C0400966	STAT5B	6777 P51692	signal tran: Nucleic ac	357	0.442	0.808	0.99988	0.02
Non-alcoholic Fatty C0400966	TEK	7010 Q02763	TEK recep Kinase	300	0.462	0.692	1	0.02

Non-alcoholic Fatty C0400966	TRPV1	7442 Q8NER1	transient re Ion channe	404	0.446	0.885	1.01E-16	0.02
Non-alcoholic Fatty C0400966	DHRS11	79154 Q6UWP2	dehydroge Enzyme	43	0.653	0.423	2.24E-06	0.02
Non-alcoholic Fatty C0400966	STEAP4	79689 Q687X5	STEAP4 metalloreduc	34	0.686	0.462	1.2E-07	0.02
Non-alcoholic Fatty C0400966	CALCR	799 P30988	calcitonin 1 G-protein c	282	0.464	0.846	3.12E-09	0.02
Non-alcoholic Fatty C0400966	ASRGL1	80150 Q7L266	asparagina Enzyme	205	0.494	0.808	2.76E-05	0.02
Non-alcoholic Fatty C0400966	CASP3	836 P42574	caspase 3 Enzyme	819	0.351	0.923	0.10017	0.02
Non-alcoholic Fatty C0400966	CASP8	841 Q14790	caspase 8 Enzyme	480	0.404	0.923	3.72E-06	0.02
Non-alcoholic Fatty C0400966	ORAI1	84876 Q96D31	ORAI calc Ion channe	195	0.52	0.808	1.91E-05	0.02
Non-alcoholic Fatty C0400966	TNFSF11	8600 O14788	TNF super Signaling	327	0.453	0.846	0.004916	0.02
Non-alcoholic Fatty C0400966	SOCS1	8651 O15524	suppressor Enzyme m	315	0.445	0.808	0.58544	0.02
Non-alcoholic Fatty C0400966	CBR1	873 P16152	carbonyl reductase 1	100	0.572	0.654	6.28E-05	0.02
Non-alcoholic Fatty C0400966	RIPK1	8737 Q13546	receptor in Kinase	250	0.479	0.769	0.007944	0.02
Non-alcoholic Fatty C0400966	CCN4	8840 O95388	cellular co Signaling	114	0.554	0.692	6.39E-07	0.02
Non-alcoholic Fatty C0400966	APLN	8862 Q9ULZ1	apelin	226	0.497	0.769	0.45897	0.02
Non-alcoholic Fatty C0400966	SELENBP1	8991 Q13228	selenium b Immune re	214	0.493	0.846	3.23E-16	0.02
Non-alcoholic Fatty C0400966	SOCS3	9021 O14543	suppressor Enzyme m	375	0.434	0.808	0.74613	0.02
Non-alcoholic Fatty C0400966	USP10	9100 Q14694	ubiquitin s Enzyme	40	0.663	0.462	0.99411	0.02
Non-alcoholic Fatty C0400966	CD5L	922 O43866	CD5 mole Enzyme	78	0.593	0.846	4.23E-17	0.02
Non-alcoholic Fatty C0400966	CD163	9332 Q86VB7	CD163 mo Enzyme	369	0.427	0.846	0.000834	0.02
Non-alcoholic Fatty C0400966	PPIG	9360 Q13427	peptidylprolyl isomerz	203	0.497	0.846	0.96292	0.02
Non-alcoholic Fatty C0400966	CD68	968 P34810	CD68 mol Transporte	452	0.408	0.808	1.41E-06	0.02
Non-alcoholic Fatty C0400966	MIR873	#####	microRNA 873	67	0.601	0.538		0.01
Non-alcoholic Fatty C0400966	MIR190B	#####	microRNA 190b	22	0.722	0.385		0.01
Non-alcoholic Fatty C0400966	CD24	##### P25063	CD24 molecule	244	0.472	0.769		0.01
Non-alcoholic Fatty C0400966	MIR1224	#####	microRNA 1224	36	0.666	0.385		0.01
Non-alcoholic Fatty C0400966	PARP2	10038 Q9UGN5	poly(ADP-ribose) pol	40	0.663	0.538	2.33E-13	0.01
Non-alcoholic Fatty C0400966	LOC100505909	#####	histidine-rich glycopro	17	0.722	0.385		0.01
Non-alcoholic Fatty C0400966	OCLN	##### Q16625	occludin	195	0.507	0.846	8.56E-07	0.01
Non-alcoholic Fatty C0400966	DNM1L	10059 O00429	dynamin 1 Enzyme m	273	0.475	0.808	0.000568	0.01
Non-alcoholic Fatty C0400966	ERVK-2	#####	endogenous retrovirus	37	0.674	0.423		0.01
Non-alcoholic Fatty C0400966	PARTICL	#####	promoter of MAT2A i	9	0.792	0.269		0.01
Non-alcoholic Fatty C0400966	PPIF	10105 P30405	peptidylprolyl isomerz	78	0.593	0.692	0.001992	0.01
Non-alcoholic Fatty C0400966	IFNL4	##### K9M1U5	interferon lambda 4 (g	39	0.67	0.577		0.01
Non-alcoholic Fatty C0400966	LRPPRC	10128 P42704	leucine rich pentatricc	220	0.493	0.769	2.3E-10	0.01
Non-alcoholic Fatty C0400966	SLC25A13	10165 Q9UJS0	solute carri Transporte	109	0.617	0.5	1.28E-24	0.01
Non-alcoholic Fatty C0400966	CDK4	1019 P11802	cyclin dep Kinase	433	0.412	0.808	0.062909	0.01
Non-alcoholic Fatty C0400966	B4GALT1-AS1	#####	B4GALT1 antisense I	13	0.792	0.192		0.01
Non-alcoholic Fatty C0400966	PRMT3	10196 O60678	protein arg Epigenetic	17	0.743	0.423	4.9E-25	0.01
Non-alcoholic Fatty C0400966	PLIN3	10226 O60664	perilipin 3 Transporte	14	0.736	0.423	1.18E-07	0.01

Non-alcoholic Fatty C0400966	CDK8	1024 P49336	cyclin dependent Kinase	82	0.597	0.654	0.40964	0.01
Non-alcoholic Fatty C0400966	FSTL3	10272 O95633	follicle-stimulating hormone-like Enzyme	33	0.695	0.423	0.68658	0.01
Non-alcoholic Fatty C0400966	CDKN2A	1029 P42771;Q8N726	cyclin dependent kinase	1314	0.3	0.885	0.39474	0.01
Non-alcoholic Fatty C0400966	ZNF267	10308 Q14586	zinc finger protein 267	15	0.769	0.192	0.017108	0.01
Non-alcoholic Fatty C0400966	AKR1A1	10327 P14550	aldo-keto reductase Enzyme	185	0.51	0.846	6.66E-07	0.01
Non-alcoholic Fatty C0400966	MERTK	10461 Q12866	MER proto-oncogene Kinase	154	0.531	0.692	2.66E-11	0.01
Non-alcoholic Fatty C0400966	CAP1	10487 Q01518	cyclase associated Cellular stress	149	0.529	0.808	0.019817	0.01
Non-alcoholic Fatty C0400966	STK25	10494 O00506	serine/threonine Kinase	29	0.7	0.346	0.051875	0.01
Non-alcoholic Fatty C0400966	NCOA2	10499 Q15596	nuclear coactivator Enzyme	95	0.575	0.615	1	0.01
Non-alcoholic Fatty C0400966	ATG7	10533 O95352	autophagy Enzyme	179	0.505	0.769	7.38E-12	0.01
Non-alcoholic Fatty C0400966	LINC01684	#####	long intergenic non-protein coding RNA	2	1	0.038		0.01
Non-alcoholic Fatty C0400966	PRDX4	10549 Q13162	peroxiredoxin Enzyme	59	0.619	0.692	0.026755	0.01
Non-alcoholic Fatty C0400966	CEL	1056 P19835	carboxyl ester lipase	172	0.514	0.808	1.54E-06	0.01
Non-alcoholic Fatty C0400966	SORBS1	10580 Q9BX66	sorbin and SH3 domain containing protein	124	0.554	0.769	1.53E-12	0.01
Non-alcoholic Fatty C0400966	AHSA1	10598 O95433	activator of HSP90 family class B member	526	0.396	0.923	0.99896	0.01
Non-alcoholic Fatty C0400966	ERLIN1	10613 O75477	ER lipid raft associated protein	33	0.736	0.308	0.17751	0.01
Non-alcoholic Fatty C0400966	CAMKK2	10645 Q96RR4	calcium/calmodulin dependent Kinase	62	0.617	0.654	0.091625	0.01
Non-alcoholic Fatty C0400966	CXCR6	10663 O00574	C-X-C motif containing G-protein coupled receptor	325	0.448	0.885	5.72E-05	0.01
Non-alcoholic Fatty C0400966	SIRT1-AS	#####	SIRT1 antisense RNA	44	0.67	0.615		0.01
Non-alcoholic Fatty C0400966	TNFSF13B	10673 Q9Y275	TNF superfamily member 13B	282	0.46	0.731	0.98193	0.01
Non-alcoholic Fatty C0400966	EBP	10682 Q15125	EBP cholesteryl Enzyme	243	0.494	0.846	0.93645	0.01
Non-alcoholic Fatty C0400966	YME1L1	10730 Q96TA2	YME1 like Enzyme	60	0.633	0.654	0.028988	0.01
Non-alcoholic Fatty C0400966	PLK4	10733 O00444	polo like kinase Kinase	135	0.551	0.731	7.08E-06	0.01
Non-alcoholic Fatty C0400966	HPSE	10855 Q9Y251	heparanase Enzyme	393	0.425	0.808	2.27E-14	0.01
Non-alcoholic Fatty C0400966	PGRMC1	10857 O00264	progesterone dependent Signaling	79	0.588	0.654	0.6711	0.01
Non-alcoholic Fatty C0400966	NMU	10874 P48645	neuromedin U	68	0.61	0.808	0.000415	0.01
Non-alcoholic Fatty C0400966	TMED2	10959 Q15363	transmembrane Transporter	73	0.61	0.692	0.89231	0.01
Non-alcoholic Fatty C0400966	SLC27A2	11001 O14975	solute carrier Transporter	27	0.7	0.462	6.36E-09	0.01
Non-alcoholic Fatty C0400966	LILRB4	11006 Q8NHJ6	leukocyte inhibitory Receptor	46	0.659	0.423	4.71E-13	0.01
Non-alcoholic Fatty C0400966	RIPK3	11035 Q9Y572	receptor interacting protein Kinase	196	0.497	0.885	1.19E-14	0.01
Non-alcoholic Fatty C0400966	LOC110806263	#####	TERT 5' regulatory region	245	0.464	0.731		0.01
Non-alcoholic Fatty C0400966	ADAMTS13	11093 Q76LX8	ADAM metalloprotease Enzyme	229	0.496	0.769	5.14E-15	0.01
Non-alcoholic Fatty C0400966	TREH	11181 O43280	trehalase	42	0.67	0.654	8.96E-15	0.01
Non-alcoholic Fatty C0400966	LNCARSR	#####	lncRNA regulator of transcription	19	0.722	0.269		0.01
Non-alcoholic Fatty C0400966	DUSP12	11266 Q9UNI6	dual specificity phosphatase	17	0.78	0.269	0.000139	0.01
Non-alcoholic Fatty C0400966	CHRM3	1131 P20309	cholinergic G-protein coupled receptor	284	0.464	0.885	0.99253	0.01
Non-alcoholic Fatty C0400966	VSIG4	11326 Q9Y279	V-set and immunoglobulin domain containing	51	0.628	0.615	1.5E-09	0.01
Non-alcoholic Fatty C0400966	MGLL	11343 Q99685	monoglyceride Enzyme	125	0.564	0.731	0.020016	0.01
Non-alcoholic Fatty C0400966	TXNRD3	##### Q86VQ6	thioredoxin Enzyme	37	0.653	0.615	8.34E-08	0.01



Non-alcoholic Fatty C0400966	CHUK	1147 O15111	component Kinase	125	0.556	0.731	0.99403	0.01
Non-alcoholic Fatty C0400966	C1QTNF3	##### Q9BXJ4	C1q and TNF related	26	0.695	0.577	1.81E-07	0.01
Non-alcoholic Fatty C0400966	CIDEA	1149 O60543	cell death inducing DI	16	0.751	0.269	5.58E-06	0.01
Non-alcoholic Fatty C0400966	H3P10	#####	H3 histone pseudogen	769	0.35	0.846		0.01
Non-alcoholic Fatty C0400966	TWIST2	##### Q8WVJ9	twist famil Transcripti	198	0.518	0.731	0.56004	0.01
Non-alcoholic Fatty C0400966	CLCN2	1181 P51788	chloride vc Ion channe	67	0.626	0.462	5.55E-12	0.01
Non-alcoholic Fatty C0400966	IFTAP	##### Q86VG3	intraflagellar transport	2	0.931	0.154	7.61E-06	0.01
Non-alcoholic Fatty C0400966	CYP2R1	##### Q6VVX0	cytochrome P450 fam	139	0.563	0.731	3.79E-10	0.01
Non-alcoholic Fatty C0400966	CPT1C	##### Q8TCG5	carnitine p Enzyme	51	0.691	0.5	2.19E-09	0.01
Non-alcoholic Fatty C0400966	CNR2	1269 P34972	cannabinoid G-protein c	197	0.509	0.846	6.54E-06	0.01
Non-alcoholic Fatty C0400966	COL3A1	1281 P02461	collagen type III alpha	301	0.477	0.808	1	0.01
Non-alcoholic Fatty C0400966	SLC31A1	1317 O15431	solute carrier Transporte	71	0.612	0.577	0.065398	0.01
Non-alcoholic Fatty C0400966	ADM	133 P35318	adrenomed Signaling	405	0.436	0.808	0.040831	0.01
Non-alcoholic Fatty C0400966	PPARGC1B	##### Q86YN6	PPARG co Transcripti	102	0.569	0.731	0.50321	0.01
Non-alcoholic Fatty C0400966	NADK2	##### Q4G0N4	NAD kinase Kinase	42	0.691	0.346	0.065215	0.01
Non-alcoholic Fatty C0400966	CP	1356 P00450	ceruloplasmin Enzyme	283	0.466	0.846	4.2E-10	0.01
Non-alcoholic Fatty C0400966	CPN1	1369 P15169	carboxypeptidase N su	31	0.729	0.423	8.7E-08	0.01
Non-alcoholic Fatty C0400966	CPOX	1371 P36551	coproporph Enzyme	246	0.488	0.846	0.17152	0.01
Non-alcoholic Fatty C0400966	CPS1	1373 P31327	carbamoyl- Enzyme	133	0.59	0.615	1.09E-09	0.01
Non-alcoholic Fatty C0400966	CREB1	1385 P16220	cAMP responsive eler	294	0.463	0.885	0.99673	0.01
Non-alcoholic Fatty C0400966	ATF2	1386 P15336	activating 1 Transcripti	122	0.551	0.808	0.99131	0.01
Non-alcoholic Fatty C0400966	CREBBP	1387 Q92793	CREB binding proteir	438	0.428	0.808	1	0.01
Non-alcoholic Fatty C0400966	CRK	1398 P46108	CRK proto-oncogene,	544	0.394	0.923	0.95936	0.01
Non-alcoholic Fatty C0400966	CRMP1	1400 Q14194	collapsin r Enzyme	148	0.525	0.808	0.99173	0.01
Non-alcoholic Fatty C0400966	MAPK14	1432 Q16539	mitogen-ac Kinase	626	0.379	0.923	0.37466	0.01
Non-alcoholic Fatty C0400966	FGFBP3	##### Q8TAT2	fibroblast growth fact	8	0.821	0.154	0.001028	0.01
Non-alcoholic Fatty C0400966	CSF3	1440 P09919	colony stimulating fac	687	0.377	0.885	0.38046	0.01
Non-alcoholic Fatty C0400966	CSF3R	1441 Q99062	colony stim Signaling	120	0.55	0.692	1.52E-10	0.01
Non-alcoholic Fatty C0400966	SLC38A8	##### A6NNN8	solute carrier Transporte	19	0.743	0.269	3.32E-24	0.01
Non-alcoholic Fatty C0400966	ZFP90	##### Q8TF47	ZFP90 zinc Transcripti	13	0.78	0.231	0.031662	0.01
Non-alcoholic Fatty C0400966	CILP2	##### Q8IUL8	cartilage intermediate	15	0.76	0.346	8.03E-08	0.01
Non-alcoholic Fatty C0400966	CTAA1	1483	cataract, anterior pola	106	0.568	0.731		0.01
Non-alcoholic Fatty C0400966	HJV	##### Q6ZVN8	hemojuvelin BMP co-	71	0.621	0.654	0.004236	0.01
Non-alcoholic Fatty C0400966	CTF1	1489 Q16619	cardiotrophin 1	60	0.636	0.423	0.041899	0.01
Non-alcoholic Fatty C0400966	CCN2	1490 P29279	cellular co Signaling	518	0.399	0.846	0.000502	0.01
Non-alcoholic Fatty C0400966	PDIK1L	##### Q8N165	PDLIM1 in Kinase	138	0.534	0.769	0.26436	0.01
Non-alcoholic Fatty C0400966	CTNNA1	1495 P35221	catenin alp Cellular st	82	0.584	0.538	0.96962	0.01
Non-alcoholic Fatty C0400966	SIK1	##### A0A0B4J2F2;P57	salt inducib Kinase	157	0.544	0.731	0.93716	0.01
Non-alcoholic Fatty C0400966	HORMAD2	##### Q8N7B1	HORMA domain cont	22	0.716	0.385	7.14E-05	0.01

Non-alcoholic Fatty C0400966	CTRL	1506 P40313	chymotryp Enzyme	76	0.599	0.846	1.1E-09	0.01
Non-alcoholic Fatty C0400966	CTSB	1508 P07858	cathepsin I Enzyme	304	0.457	0.846	5.88E-11	0.01
Non-alcoholic Fatty C0400966	CTSD	1509 P07339	cathepsin I Enzyme	242	0.478	0.846	0.000917	0.01
Non-alcoholic Fatty C0400966	CTSG	1511 P08311	cathepsin I Enzyme	95	0.563	0.731	9.56E-06	0.01
Non-alcoholic Fatty C0400966	CTSS	1520 P25774	cathepsin I Enzyme	131	0.539	0.731	0.34178	0.01
Non-alcoholic Fatty C0400966	ADRB2	154 P07550	adrenocept G-protein c	387	0.442	0.923	0.52545	0.01
Non-alcoholic Fatty C0400966	SLC2A12	##### Q8TD20	solute carri Transporte	26	0.729	0.5	5.55E-05	0.01
Non-alcoholic Fatty C0400966	CYP2A6	1548 P11509	cytochrome P450 fam	133	0.556	0.731	5.4E-09	0.01
Non-alcoholic Fatty C0400966	CYP2B6	1555 P20813	cytochrome P450 fam	388	0.428	0.846	1.93E-10	0.01
Non-alcoholic Fatty C0400966	CYP2B7P	1556	cytochrome P450 fam	16	0.76	0.385		0.01
Non-alcoholic Fatty C0400966	CYP2D7	1564 A0A087X1C5	cytochrome P450 fam	42	0.659	0.577		0.01
Non-alcoholic Fatty C0400966	CYP2J2	1573 P51589	cytochrome P450 fam	65	0.628	0.615	1.62E-15	0.01
Non-alcoholic Fatty C0400966	CYP4A11	1579 Q02928	cytochrom Enzyme	34	0.695	0.462	1.09E-24	0.01
Non-alcoholic Fatty C0400966	CYP8B1	1582 Q9UNU6	cytochrome P450 fam	32	0.711	0.269	2.06E-05	0.01
Non-alcoholic Fatty C0400966	CYP19A1	1588 P11511	cytochrom Enzyme	519	0.41	0.885	1.7E-05	0.01
Non-alcoholic Fatty C0400966	CYP27B1	1594 O15528	cytochrom Enzyme	229	0.502	0.769	1.92E-07	0.01
Non-alcoholic Fatty C0400966	CYP51A1	1595 Q16850	cytochrom Enzyme	42	0.653	0.615	1.46E-07	0.01
Non-alcoholic Fatty C0400966	DBP	1628 Q10586	D-box bind Nucleic ac	105	0.556	0.731	0.23376	0.01
Non-alcoholic Fatty C0400966	TMPRSS6	##### Q8IU80	transmemb Enzyme	113	0.584	0.654	4.14E-10	0.01
Non-alcoholic Fatty C0400966	AEBP1	165 Q8IUX7	AE binding protein 1	69	0.631	0.654	7.35E-11	0.01
Non-alcoholic Fatty C0400966	DDOST	1650 P39656	dolichyl-di Enzyme	65	0.644	0.692	0.000614	0.01
Non-alcoholic Fatty C0400966	TIMM8A	1678 O60220	translocase of inner m	200	0.51	0.846	0.65195	0.01
Non-alcoholic Fatty C0400966	DHCR7	1717 Q9UBM7	7-dehydro Enzyme	266	0.5	0.846	3.95E-13	0.01
Non-alcoholic Fatty C0400966	DIO3	1735 P55073	iodothyronine deiodin	80	0.593	0.731	0.62331	0.01
Non-alcoholic Fatty C0400966	DMD	1756 P11532	dystrophin	484	0.423	0.923	1	0.01
Non-alcoholic Fatty C0400966	DPYSL3	1809 Q14195	dihydropyr Enzyme	52	0.628	0.462	0.99887	0.01
Non-alcoholic Fatty C0400966	SLC26A3	1811 P40879	solute carri Transporte	128	0.554	0.692	1.37E-13	0.01
Non-alcoholic Fatty C0400966	JAG1	182 P78504	jagged canonical Notc	420	0.429	0.808	1	0.01
Non-alcoholic Fatty C0400966	DSPP	1834 Q9NZW4	dentin sialophosphopr	114	0.556	0.769	1.12E-07	0.01
Non-alcoholic Fatty C0400966	DUSP9	1852 Q99956	dual specificity phosp	26	0.705	0.308	0.81981	0.01
Non-alcoholic Fatty C0400966	EDA	1896 Q92838	ectodysplasin A	150	0.553	0.808	0.97391	0.01
Non-alcoholic Fatty C0400966	S1PR1	1901 P21453	sphingosin G-protein c	126	0.546	0.769	0.73269	0.01
Non-alcoholic Fatty C0400966	EEF1A1	1915 P68104	eukaryotic Enzyme	88	0.584	0.654	0.97863	0.01
Non-alcoholic Fatty C0400966	EGF	1950 P01133	epidermal growth fact	774	0.357	0.923	8.53E-17	0.01
Non-alcoholic Fatty C0400966	EGR1	1958 P18146	early grow Nucleic ac	378	0.433	0.923	0.3509	0.01
Non-alcoholic Fatty C0400966	EIF4E	1977 P06730	eukaryotic Nucleic ac	317	0.448	0.846	0.94133	0.01
Non-alcoholic Fatty C0400966	A2M	2 P01023	alpha-2-mac Enzyme m	147	0.529	0.769	4.52E-11	0.01
Non-alcoholic Fatty C0400966	LINC01554	##### Q52M75	long intergenic non-pr	4	0.931	0.077	0.076951	0.01
Non-alcoholic Fatty C0400966	ENO3	2027 P13929	enolase 3 Enzyme	24	0.769	0.308	1.57E-19	0.01

Non-alcoholic Fatty C0400966	EPHB2	2048 P29323	EPH recep Kinase	649	0.374	0.846	0.99997	0.01
Non-alcoholic Fatty C0400966	EPHB6	2051 O15197	EPH recep Kinase	60	0.619	0.538	1.2E-07	0.01
Non-alcoholic Fatty C0400966	EPO	2056 P01588	erythropoietin	646	0.381	0.885	0.01125	0.01
Non-alcoholic Fatty C0400966	AKT2	208 P31751	AKT serin Kinase	264	0.474	0.769	0.64432	0.01
Non-alcoholic Fatty C0400966	ERN1	2081 O75460	endoplasm Kinase	163	0.513	0.808	0.99027	0.01
Non-alcoholic Fatty C0400966	ESRRB	2103 O95718	estrogen re Nuclear re	102	0.565	0.846	0.12609	0.01
Non-alcoholic Fatty C0400966	EZH2	2146 Q15910	enhancer o Epigenetic	653	0.376	0.885	1	0.01
Non-alcoholic Fatty C0400966	F2RL1	2150 P55085	F2R like tr G-protein c	256	0.48	0.769	0.000148	0.01
Non-alcoholic Fatty C0400966	FABP2	2169 P12104	fatty acid binding prot	65	0.608	0.654	0.004981	0.01
Non-alcoholic Fatty C0400966	FABP5	2171 Q01469	fatty acid binding prot	85	0.585	0.731	0.047008	0.01
Non-alcoholic Fatty C0400966	ACSL1	2180 P33121	acyl-CoA s Enzyme	68	0.617	0.577	0.001532	0.01
Non-alcoholic Fatty C0400966	PTK2B	2185 Q14289	protein tyr Kinase	319	0.448	0.808	0.93536	0.01
Non-alcoholic Fatty C0400966	UNC5B	##### Q8IZJ1	unc-5 netri Receptor	38	0.682	0.462	2.69E-07	0.01
Non-alcoholic Fatty C0400966	FBN1	2200 P35555	fibrillin 1 Calcium-b	552	0.417	0.846	1	0.01
Non-alcoholic Fatty C0400966	MARCHF8	##### Q5T0T0	membrane associated	87	0.59	0.692	5.87E-07	0.01
Non-alcoholic Fatty C0400966	FCGR3A	2214 P08637	Fc fragmet Cell adhes	352	0.432	0.962	3.7E-06	0.01
Non-alcoholic Fatty C0400966	FCGR3B	2215 O75015	Fc fragmet Cell adhes	291	0.452	0.962	3.03E-07	0.01
Non-alcoholic Fatty C0400966	JAZF1	##### Q86VZ6	JAZF zinc finger 1	102	0.582	0.654	0.89582	0.01
Non-alcoholic Fatty C0400966	GPC4	2239 O75487	glypican 4	181	0.547	0.769	0.92613	0.01
Non-alcoholic Fatty C0400966	FGF1	2246 P05230	fibroblast s Signaling	184	0.507	0.846	0.44406	0.01
Non-alcoholic Fatty C0400966	FGR	2268 P09769	FGR proto Kinase	56	0.647	0.615	0.48408	0.01
Non-alcoholic Fatty C0400966	MLXIP	22877 Q9HAP2	MLX interacting protc	70	0.597	0.692	0.98932	0.01
Non-alcoholic Fatty C0400966	ZHX2	22882 Q9Y6X8	zinc finger Transcripti	172	0.51	0.654	0.03372	0.01
Non-alcoholic Fatty C0400966	ALDOB	229 P05062	aldolase, fructose-bisq	80	0.623	0.538	7.88E-07	0.01
Non-alcoholic Fatty C0400966	DKK1	22943 O94907	dickkopf WNT signal	372	0.439	0.885	0.17423	0.01
Non-alcoholic Fatty C0400966	PHLPP2	23035 Q6ZVD8	PH domain and leucin	45	0.641	0.346	1.21E-06	0.01
Non-alcoholic Fatty C0400966	SARM1	23098 Q6SZW1	sterile alpha and TIR	40	0.682	0.346	1.7E-10	0.01
Non-alcoholic Fatty C0400966	AKR1B1	231 P15121	aldo-keto r Enzyme	220	0.491	0.885	2.02E-05	0.01
Non-alcoholic Fatty C0400966	MPRIIP	23164 Q6WCQ1	myosin ph Enzyme m	113	0.556	0.885	0.98078	0.01
Non-alcoholic Fatty C0400966	MCF2L	23263 O15068	MCF.2 cel Signaling	124	0.559	0.769	2.72E-07	0.01
Non-alcoholic Fatty C0400966	CRTC1	23373 Q6UUV9	CREB regn Transcripti	115	0.565	0.692	0.531	0.01
Non-alcoholic Fatty C0400966	SIRT4	23409 Q9Y6E7	sirtuin 4 Epigenetic	74	0.603	0.654	6.86E-10	0.01
Non-alcoholic Fatty C0400966	ANGPTL2	23452 Q9UKU9	angiopoiet Signaling	125	0.545	0.731	0.001471	0.01
Non-alcoholic Fatty C0400966	BRD4	23476 O60885	bromodom Epigenetic	335	0.446	0.885	1	0.01
Non-alcoholic Fatty C0400966	SRRM2	23524 Q9UQ35	serine/arginine repetit	101	0.564	0.692	1	0.01
Non-alcoholic Fatty C0400966	MMD	23531 Q15546	monocyte t Receptor	58	0.647	0.577	0.000134	0.01
Non-alcoholic Fatty C0400966	FOSB	2354 P53539	FosB protc Transcripti	278	0.463	0.846	0.97553	0.01
Non-alcoholic Fatty C0400966	FOSL2	2355 P15408	FOS like 2 Transcripti	83	0.595	0.692	0.98293	0.01
Non-alcoholic Fatty C0400966	DDAH1	23576 O94760	dimethylar Enzyme	73	0.604	0.615	0.002797	0.01

Non-alcoholic Fatty C0400966	DAPK2	23604	Q9UIK4	death associ Kinase	130	0.536	0.692	5.01E-10	0.01
Non-alcoholic Fatty C0400966	MKRN1	23608	Q9UHC7	makorin rib Enzyme	13	0.805	0.269	0.99421	0.01
Non-alcoholic Fatty C0400966	TMEFF2	23671	Q9UIK5	transmemb Enzyme m	63	0.619	0.5	7.39E-05	0.01
Non-alcoholic Fatty C0400966	IL17RA	23765	Q96F46	interleukin 17 recepto	159	0.529	0.808	0.000356	0.01
Non-alcoholic Fatty C0400966	ZBTB38	#####	Q8NAP3	zinc finger Transcripti	60	0.663	0.615	0.99949	0.01
Non-alcoholic Fatty C0400966	G6PC	2538	P35575	glucose-6-phosphatas	132	0.56	0.692	1.84E-05	0.01
Non-alcoholic Fatty C0400966	PRDX5	25824	P30044	peroxiredoxin 5	153	0.522	0.808	0.000179	0.01
Non-alcoholic Fatty C0400966	GALR1	2587	P47211	galanin rec G-protein c	44	0.656	0.5	0.000532	0.01
Non-alcoholic Fatty C0400966	RNF19A	25897	Q9NV58	ring finger Enzyme	523	0.397	0.923	0.025305	0.01
Non-alcoholic Fatty C0400966	WWTR1	25937	Q9GZV5	WW doma Enzyme m	134	0.529	0.615	0.93914	0.01
Non-alcoholic Fatty C0400966	TIPARP	25976	Q7Z3E1	TCDD inducible poly	25	0.711	0.346	0.99991	0.01
Non-alcoholic Fatty C0400966	OSBPL3	26031	Q9H4L5	oxysterol binding prot	10	0.839	0.192	1.59E-06	0.01
Non-alcoholic Fatty C0400966	APPL1	26060	Q9UKG1	adaptor protein, phosp	63	0.626	0.5	0.7952	0.01
Non-alcoholic Fatty C0400966	POLDIP2	26073	Q9Y2S7	DNA polymerase delt	530	0.396	0.923	0.41407	0.01
Non-alcoholic Fatty C0400966	TOR1AIP1	26092	Q5JTV8	torsin 1A interacting p	39	0.729	0.346	1.27E-09	0.01
Non-alcoholic Fatty C0400966	PRPF31	26121	Q8WWY3	pre-mRNA Nucleic ac	150	0.531	0.731	0.98313	0.01
Non-alcoholic Fatty C0400966	TRPC4AP	26133	Q8TEL6	transient receptor pote	19	0.76	0.231	0.55209	0.01
Non-alcoholic Fatty C0400966	AMD1	262	P17707	adenosylm Enzyme	84	0.593	0.577	0.98227	0.01
Non-alcoholic Fatty C0400966	FGF20	26281	Q9NP95	fibroblast s Signaling	45	0.663	0.577	0.81379	0.01
Non-alcoholic Fatty C0400966	AMD1P2	263		adenosylmethionine d	71	0.608	0.538		0.01
Non-alcoholic Fatty C0400966	LATS2	26524	Q9NRM7	large tumo Kinase	106	0.554	0.654	0.98807	0.01
Non-alcoholic Fatty C0400966	AATF	26574	Q9NY61	apoptosis s Transcripti	44	0.641	0.731	2.6E-12	0.01
Non-alcoholic Fatty C0400966	GNDF	2668	P39905	glial cell d Signaling	409	0.434	0.885	0.2035	0.01
Non-alcoholic Fatty C0400966	NOX1	27035	Q9Y5S8	NADPH oxidase 1	142	0.536	0.808	8.66E-08	0.01
Non-alcoholic Fatty C0400966	SIGLEC7	27036	Q9Y286	sialic acid Receptor	137	0.535	0.846	2.39E-07	0.01
Non-alcoholic Fatty C0400966	INTU	27152	Q9ULD6	inturned planar cell pc	134	0.555	0.769	7.7E-10	0.01
Non-alcoholic Fatty C0400966	NAAA	27163	Q02083	N-acyletha Enzyme	90	0.579	0.692	2.07E-10	0.01
Non-alcoholic Fatty C0400966	IL37	27178	Q9NZH6	interleukin 37	280	0.459	0.846	0.000123	0.01
Non-alcoholic Fatty C0400966	GPC3	2719	P51654	glypican 3	311	0.466	0.808	0.9982	0.01
Non-alcoholic Fatty C0400966	GLB1	2720	P16278	galactosid s Enzyme	385	0.448	0.808	7.92E-10	0.01
Non-alcoholic Fatty C0400966	GCLC	2729	P48506	glutamate- Enzyme	198	0.509	0.885	0.42718	0.01
Non-alcoholic Fatty C0400966	RBMS3	27303	Q6XE24	RNA binding motif si	116	0.553	0.692	0.2128	0.01
Non-alcoholic Fatty C0400966	GLI2	2736	P10070	GLI family zinc finge	351	0.446	0.846	0.97303	0.01
Non-alcoholic Fatty C0400966	MAT2B	27430	Q9NZL9	methionine adenosyltr	48	0.644	0.5	0.046226	0.01
Non-alcoholic Fatty C0400966	GLRX	2745	P35754	glutaredoxin	65	0.619	0.577	5.67E-07	0.01
Non-alcoholic Fatty C0400966	GNAI2	2768	Q03113	G protein s Enzyme m	130	0.547	0.769	0.96994	0.01
Non-alcoholic Fatty C0400966	GNAI3	2773	P08754	G protein s Enzyme m	75	0.653	0.615	0.038287	0.01
Non-alcoholic Fatty C0400966	GNAO1	2775	P09471	G protein s Enzyme m	188	0.523	0.808	0.98963	0.01
Non-alcoholic Fatty C0400966	ABO	28	P16442	ABO, alph Enzyme	443	0.427	0.885		0.01

Non-alcoholic Fatty C0400966	GPI	2821	P06744	glucose-6- $\gamma$ Enzyme	218	0.491	0.769	2.84E-06	0.01
Non-alcoholic Fatty C0400966	ANGPT1	284	Q15389	angiopoietin Signaling	340	0.446	0.808	0.95208	0.01
Non-alcoholic Fatty C0400966	BTBD8	#####	Q5XKL5	BTB domain containi	125	0.547	0.692	6.08E-07	0.01
Non-alcoholic Fatty C0400966	ANGPT2	285	O15123	angiopoietin Signaling	457	0.41	0.846	0.83208	0.01
Non-alcoholic Fatty C0400966	GPR31	2853	O00270	G protein-coupled G-protein c	7	0.839	0.115	0.020514	0.01
Non-alcoholic Fatty C0400966	FFAR2	2867	O15552	free fatty acid G-protein c	45	0.686	0.462	0.009424	0.01
Non-alcoholic Fatty C0400966	GPS2	2874	Q13227	G protein $\gamma$ Enzyme m	25	0.691	0.346	0.053179	0.01
Non-alcoholic Fatty C0400966	MYLIP	29116	Q8WY64	myosin regulatory light	79	0.582	0.692	0.18431	0.01
Non-alcoholic Fatty C0400966	CTNNA3	29119	Q9UI47	catenin alpha Cellular st	73	0.612	0.692	1.02E-12	0.01
Non-alcoholic Fatty C0400966	GSK3B	2932	P49841	glycogen synthase Kinase	393	0.43	0.846	0.95571	0.01
Non-alcoholic Fatty C0400966	GSTM2	2946	P28161	glutathione S-transferase	195	0.488	0.808	3.39E-07	0.01
Non-alcoholic Fatty C0400966	REPIN1	29803	Q9BWE0	replication Transcripti	13	0.792	0.231	0.09473	0.01
Non-alcoholic Fatty C0400966	CERS2	29956	Q96G23	ceramide synthase 2	40	0.691	0.5	0.47978	0.01
Non-alcoholic Fatty C0400966	DMGDH	29958	Q9UI17	dimethylglycine Enzyme	15	0.89	0.154	2.05E-24	0.01
Non-alcoholic Fatty C0400966	SLC2A8	29988	Q9NY64	solute carrier Transporte	10	0.821	0.346	8.02E-07	0.01
Non-alcoholic Fatty C0400966	SLC40A1	30061	Q9NP59	solute carrier Transporte	101	0.57	0.731	0.98835	0.01
Non-alcoholic Fatty C0400966	H2AX	3014	P16104	H2A.X variant Nucleic ac	212	0.484	0.808	0.17652	0.01
Non-alcoholic Fatty C0400966	HADHB	3032	P55084	hydroxyacyl-CoA Enzyme	101	0.619	0.692	1.52E-11	0.01
Non-alcoholic Fatty C0400966	HADH	3033	Q16836	hydroxyacyl-CoA dehyd	72	0.65	0.538	6.56E-05	0.01
Non-alcoholic Fatty C0400966	HCFC1	3054	P51610	host cell factor C1	100	0.601	0.692	1	0.01
Non-alcoholic Fatty C0400966	HLA-A	3105	P04439	major histocompatibil	672	0.37	0.846	0.00133	0.01
Non-alcoholic Fatty C0400966	HLA-C	3107	P10321	major histocompatibil	435	0.415	0.846	1.57E-06	0.01
Non-alcoholic Fatty C0400966	HLA-DQA1	3117	P01909	major histocompatibil	427	0.416	0.846	0.023947	0.01
Non-alcoholic Fatty C0400966	HLA-DQB1	3119	P01920	major histocompatibil	504	0.407	0.885	0.008926	0.01
Non-alcoholic Fatty C0400966	HLA-DQB2	3120	P05538	major histocompatibil	91	0.573	0.731	0.042679	0.01
Non-alcoholic Fatty C0400966	HLA-DRB1	3123	P01911	major histocompatibil	1018	0.333	0.923	0.0011	0.01
Non-alcoholic Fatty C0400966	AOX1	316	Q06278	aldehyde oxidase Enzyme	26	0.716	0.308	1.17E-31	0.01
Non-alcoholic Fatty C0400966	NR4A1	3164	P22736	nuclear receptor Nuclear re	216	0.49	0.731	0.37074	0.01
Non-alcoholic Fatty C0400966	FOXA2	3170	Q9Y261	forkhead box b Transcrip	143	0.528	0.769	0.74225	0.01
Non-alcoholic Fatty C0400966	BPIFA4P	#####	Q86YQ2	BPI fold containing fa	32	0.711	0.654		0.01
Non-alcoholic Fatty C0400966	APOF	319	Q13790	apolipoprotein F	9	0.805	0.231	0.010295	0.01
Non-alcoholic Fatty C0400966	HOXD13	3239	P35453	homeobox D13	259	0.483	0.808	0.008606	0.01
Non-alcoholic Fatty C0400966	AIRE	326	O43918	autoimmune regulator	175	0.516	0.808	4.05E-12	0.01
Non-alcoholic Fatty C0400966	HRG	3273	P04196	histidine rich Enzyme m	72	0.603	0.577	5.89E-14	0.01
Non-alcoholic Fatty C0400966	PRMT1	3276	Q99873	protein arginine Epigenetic	110	0.552	0.808	0.99907	0.01
Non-alcoholic Fatty C0400966	HSPA4	3308	P34932	heat shock protein fan	550	0.394	0.923	0.99954	0.01
Non-alcoholic Fatty C0400966	HSPA5	3309	P11021	heat shock protein fan	350	0.434	0.885	0.77341	0.01
Non-alcoholic Fatty C0400966	XIAP	331	P98170	X-linked inhibitor Enzyme m	321	0.447	0.808	0.91837	0.01
Non-alcoholic Fatty C0400966	HSPA8	3312	P11142	heat shock protein fan	124	0.553	0.808	0.99863	0.01

Non-alcoholic Fatty C0400966	HSPG2	3339 P98160	heparan su Enzyme m	405	0.438	0.885	1.04E-19	0.01
Non-alcoholic Fatty C0400966	APOA1	335 P02647	apolipoprotein A1	416	0.429	0.885	0.000549	0.01
Non-alcoholic Fatty C0400966	HTR2A	3356 P28223	5-hydroxyt G-protein c	289	0.473	0.846	0.51124	0.01
Non-alcoholic Fatty C0400966	APOA2	336 P02652	apolipopro Transporte	77	0.582	0.769	0.0448	0.01
Non-alcoholic Fatty C0400966	TNC	3371 P24821	tenascin C	369	0.433	0.846	1.26E-07	0.01
Non-alcoholic Fatty C0400966	HCAR2	##### Q8TDS4	hydroxycarboxylic aci	65	0.631	0.692	0.000189	0.01
Non-alcoholic Fatty C0400966	C1QTNF9	##### P0C862	C1q and TNF related '	30	0.695	0.385	1.14E-05	0.01
Non-alcoholic Fatty C0400966	STING1	##### Q86WV6	stimulator of interfero	159	0.522	0.769	0.001207	0.01
Non-alcoholic Fatty C0400966	CPP	#####	ceruloplasmin pseudo	55	0.631	0.731		0.01
Non-alcoholic Fatty C0400966	IFNA1	3439 P01562	interferon alpha 1	662	0.371	0.923		0.01
Non-alcoholic Fatty C0400966	IFNA2	3440 P01563	interferon alpha 2	355	0.442	0.885		0.01
Non-alcoholic Fatty C0400966	IFNA13	3447 P01562	interferon alpha 13	646	0.374	0.923		0.01
Non-alcoholic Fatty C0400966	MOGAT3	##### Q86VF5	monoacylglycerol O-a	2	0.931	0.115	1.84E-12	0.01
Non-alcoholic Fatty C0400966	IGF2	3481 P01344	insulin like growth fac	604	0.39	0.885	0.044127	0.01
Non-alcoholic Fatty C0400966	IGFBP1	3484 P08833	insulin like Enzyme m	191	0.502	0.808	0.000947	0.01
Non-alcoholic Fatty C0400966	IGFBP2	3485 P18065	insulin like Enzyme m	241	0.478	0.769	0.11898	0.01
Non-alcoholic Fatty C0400966	IGFBP4	3487 P22692	insulin like Enzyme m	94	0.572	0.731	0.023057	0.01
Non-alcoholic Fatty C0400966	IGFBP7	3490 Q16270	insulin like growth fac	241	0.476	0.769	0.001287	0.01
Non-alcoholic Fatty C0400966	KLK3	354 P07288	kallikrein 1 Enzyme	358	0.443	0.885	4.43E-06	0.01
Non-alcoholic Fatty C0400966	IKBKB	3551 O14920	inhibitor of Kinase	191	0.506	0.846	0.99192	0.01
Non-alcoholic Fatty C0400966	IL2	3558 P60568	interleukin 2	950	0.336	0.885	0.47968	0.01
Non-alcoholic Fatty C0400966	CXCR2	3579 P25025	C-X-C mo' G-protein c	335	0.445	0.923	0.013736	0.01
Non-alcoholic Fatty C0400966	IRF2BP2	##### Q7Z5L9	interferon regulatory f	72	0.641	0.5	0.84558	0.01
Non-alcoholic Fatty C0400966	INPP5D	3635 Q92835	inositol polyphosphate	109	0.558	0.731	0.97198	0.01
Non-alcoholic Fatty C0400966	INSIG1	3638 O15503	insulin induced gene 1	29	0.695	0.5	0.001283	0.01
Non-alcoholic Fatty C0400966	AQP7	364 O14520	aquaporin 1 Ion channe	34	0.67	0.462	4.05E-16	0.01
Non-alcoholic Fatty C0400966	IRF3	3661 Q14653	interferon 1 Transcripti	174	0.517	0.808	0.000116	0.01
Non-alcoholic Fatty C0400966	ITGAM	3684 P11215	integrin subunit alpha	343	0.443	0.808	3.31E-11	0.01
Non-alcoholic Fatty C0400966	ITGB1	3688 P05556	integrin su Receptor	210	0.496	0.808	0.98208	0.01
Non-alcoholic Fatty C0400966	ITIH4	3700 Q14624	inter-alpha Enzyme m	129	0.559	0.769	6.44E-13	0.01
Non-alcoholic Fatty C0400966	ITPR2	3709 Q14571	inositol 1,4 Ion channe	55	0.631	0.654	5.71E-29	0.01
Non-alcoholic Fatty C0400966	JAK1	3716 P23458	Janus kina Kinase	239	0.474	0.769	0.99998	0.01
Non-alcoholic Fatty C0400966	JUN	3725 P05412	Jun proto-c Transcripti	344	0.442	0.885	0.05962	0.01
Non-alcoholic Fatty C0400966	JUNB	3726 P17275	JunB proto Transcripti	264	0.467	0.769	0.86299	0.01
Non-alcoholic Fatty C0400966	JUND	3727 P17535	JunD protc Transcripti	242	0.475	0.808	0.70054	0.01
Non-alcoholic Fatty C0400966	CD82	3732 P27701	CD82 molecule	172	0.507	0.731	1.27E-08	0.01
Non-alcoholic Fatty C0400966	AREG	374 P15514	amphiregu Signaling	221	0.487	0.769	0.35407	0.01
Non-alcoholic Fatty C0400966	ACAT1	38 P24752	acetyl-CoA Enzyme	176	0.538	0.692	9.85E-08	0.01
Non-alcoholic Fatty C0400966	ARG2	384 P78540	arginase 2 Enzyme	103	0.569	0.731	0.000182	0.01

Non-alcoholic Fatty C0400966	KRT8	3856 P05787	keratin 8	166	0.517	0.654	2.36E-08	0.01
Non-alcoholic Fatty C0400966	RTL1	##### A6NKG5	retrotransposon Gag li	119	0.554	0.808	0.005614	0.01
Non-alcoholic Fatty C0400966	C1QL3	##### Q5VWW1	complement C1q like	27	0.705	0.423	0.51567	0.01
Non-alcoholic Fatty C0400966	LCAT	3931 P04180	lecithin-ch Enzyme	94	0.588	0.654	0.08102	0.01
Non-alcoholic Fatty C0400966	LCPI	3936 P13796	lymphocyte Cellular st	44	0.663	0.654	0.55261	0.01
Non-alcoholic Fatty C0400966	LGALS3	3958 P17931	galectin 3 Signaling	557	0.392	0.846	2.32E-05	0.01
Non-alcoholic Fatty C0400966	LIPE	3991 Q05469	lipase E, hormone sen	85	0.599	0.5	9.75E-12	0.01
Non-alcoholic Fatty C0400966	FADS1	3992 O60427	fatty acid desaturase 1	125	0.582	0.769	0.37384	0.01
Non-alcoholic Fatty C0400966	LNPEP	4012 Q9UIQ6	leucyl and Enzyme	174	0.514	0.731	0.99957	0.01
Non-alcoholic Fatty C0400966	LOXL2	4017 Q9Y4K0	lysyl oxidase like 2	149	0.527	0.731	3.38E-07	0.01
Non-alcoholic Fatty C0400966	LRP6	4040 O75581	LDL receptor related j	134	0.536	0.808	0.69664	0.01
Non-alcoholic Fatty C0400966	LINC01194	#####	long intergenic non-pi	249	0.47	0.769		0.01
Non-alcoholic Fatty C0400966	ARNT	405 P27540	aryl hydroc Transcripti	104	0.575	0.692	0.99581	0.01
Non-alcoholic Fatty C0400966	LTF	4057 P02788	lactotransf Enzyme	133	0.543	0.846	1.27E-21	0.01
Non-alcoholic Fatty C0400966	LUM	4060 P51884	lumican	123	0.543	0.731	0.07696	0.01
Non-alcoholic Fatty C0400966	MIR130A	#####	microRNA 130a	141	0.522	0.808		0.01
Non-alcoholic Fatty C0400966	MIR132	#####	microRNA 132	222	0.485	0.846		0.01
Non-alcoholic Fatty C0400966	MIR136	#####	microRNA 136	79	0.584	0.731		0.01
Non-alcoholic Fatty C0400966	MIR141	#####	microRNA 141	179	0.497	0.808		0.01
Non-alcoholic Fatty C0400966	MIR142	#####	microRNA 142	220	0.48	0.846		0.01
Non-alcoholic Fatty C0400966	MIR143	#####	microRNA 143	267	0.462	0.885		0.01
Non-alcoholic Fatty C0400966	MIR144	#####	microRNA 144	175	0.5	0.769		0.01
Non-alcoholic Fatty C0400966	MIR146A	#####	microRNA 146a	505	0.398	0.885		0.01
Non-alcoholic Fatty C0400966	MIR150	#####	microRNA 150	282	0.455	0.808		0.01
Non-alcoholic Fatty C0400966	MIR15B	#####	microRNA 15b	134	0.532	0.769		0.01
Non-alcoholic Fatty C0400966	MIR17	#####	microRNA 17	270	0.459	0.846		0.01
Non-alcoholic Fatty C0400966	MIR185	#####	microRNA 185	106	0.551	0.808		0.01
Non-alcoholic Fatty C0400966	MIR200B	#####	microRNA 200b	180	0.5	0.769		0.01
Non-alcoholic Fatty C0400966	MIR205	#####	microRNA 205	210	0.482	0.846		0.01
Non-alcoholic Fatty C0400966	MIR206	#####	microRNA 206	226	0.477	0.846		0.01
Non-alcoholic Fatty C0400966	MIR212	#####	microRNA 212	126	0.535	0.808		0.01
Non-alcoholic Fatty C0400966	MIR223	#####	microRNA 223	348	0.433	0.808		0.01
Non-alcoholic Fatty C0400966	MIR23B	#####	microRNA 23b	137	0.523	0.808		0.01
Non-alcoholic Fatty C0400966	MIR24-1	#####	microRNA 24-1	74	0.584	0.731		0.01
Non-alcoholic Fatty C0400966	MIR27A	#####	microRNA 27a	248	0.466	0.846		0.01
Non-alcoholic Fatty C0400966	MIR27B	#####	microRNA 27b	141	0.529	0.769		0.01
Non-alcoholic Fatty C0400966	MIR29B1	#####	microRNA 29b-1	212	0.485	0.846		0.01
Non-alcoholic Fatty C0400966	MIR29B2	#####	microRNA 29b-2	214	0.484	0.885		0.01
Non-alcoholic Fatty C0400966	MIR29C	#####	microRNA 29c	183	0.496	0.808		0.01

Non-alcoholic Fatty C0400966	MIR30B	#####	microRNA 30b	109	0.555	0.808	0.01
Non-alcoholic Fatty C0400966	MIR30C1	#####	microRNA 30c-1	109	0.552	0.769	0.01
Non-alcoholic Fatty C0400966	MIR30C2	#####	microRNA 30c-2	115	0.546	0.769	0.01
Non-alcoholic Fatty C0400966	ARRB1	408 P49407	arrestin bel Enzyme m	92	0.588	0.846 0.99394	0.01
Non-alcoholic Fatty C0400966	SMAD7	4092 O15105	SMAD far Transcripti	269	0.47	0.769 0.54854	0.01
Non-alcoholic Fatty C0400966	MAT1A	4143 Q00266	methionine Enzyme	103	0.582	0.577 0.00081	0.01
Non-alcoholic Fatty C0400966	DNAJB9	4189 Q9UBS3	DnaJ heat shock prote	27	0.7	0.385 0.36507	0.01
Non-alcoholic Fatty C0400966	MEFV	4210 O15553	MEFV innate immunity	410	0.44	0.885 1.02E-14	0.01
Non-alcoholic Fatty C0400966	MET	4233 P08581	MET protc Kinase	594	0.38	0.846 0.96998	0.01
Non-alcoholic Fatty C0400966	MIF	4282 P14174	macrophage migrator	455	0.412	0.885 0.012262	0.01
Non-alcoholic Fatty C0400966	CXCL9	4283 Q07325	C-X-C mo Signaling	269	0.462	0.808 0.00293	0.01
Non-alcoholic Fatty C0400966	MMP9	4318 P14780	matrix met Enzyme	1337	0.305	0.923 1.89E-17	0.01
Non-alcoholic Fatty C0400966	MPI	4351 P34949	mannose p Enzyme	101	0.585	0.654 1.17E-07	0.01
Non-alcoholic Fatty C0400966	MPO	4353 P05164	myelopero Enzyme	653	0.377	0.923 7.11E-15	0.01
Non-alcoholic Fatty C0400966	MPST	4357 P25325	mercaptopy Enzyme	81	0.588	0.654 3.47E-05	0.01
Non-alcoholic Fatty C0400966	MRC1	4360 P22897	mannose receptor C-ty	431	0.413	0.846 0.94335	0.01
Non-alcoholic Fatty C0400966	ASNS	440 P08243	asparagine Enzyme	90	0.595	0.692 9.36E-06	0.01
Non-alcoholic Fatty C0400966	EIF2AK4	##### Q9P2K8	eukaryotic translation	89	0.603	0.577 1.24E-15	0.01
Non-alcoholic Fatty C0400966	MIR330	#####	microRNA 330	81	0.584	0.692	0.01
Non-alcoholic Fatty C0400966	MIR331	#####	microRNA 331	63	0.612	0.615	0.01
Non-alcoholic Fatty C0400966	MIR367	#####	microRNA 367	71	0.59	0.654	0.01
Non-alcoholic Fatty C0400966	MST1	4485 P26927	macrophag Enzyme	281	0.465	0.885 4.78E-19	0.01
Non-alcoholic Fatty C0400966	ND6	4541 P03923	NADH dehydrogenase	224	0.544	0.808	0.01
Non-alcoholic Fatty C0400966	MYC	4609 P01106	MYC protc Transcripti	821	0.344	0.923 0.99801	0.01
Non-alcoholic Fatty C0400966	MYD88	4615 Q99836	MYD88 in Enzyme m	480	0.414	0.923 0.12443	0.01
Non-alcoholic Fatty C0400966	HNRNPM	4670 P52272	heterogene Nucleic ac	26	0.729	0.346 0.99999	0.01
Non-alcoholic Fatty C0400966	ATF4	468 P18848	activating transcriptio	178	0.507	0.769 0.015659	0.01
Non-alcoholic Fatty C0400966	NBN	4683 O60934	nibrin Nucleic ac	291	0.467	0.808 2.18E-16	0.01
Non-alcoholic Fatty C0400966	NEU1	4758 Q99519	neuraminic Enzyme	207	0.513	0.769 7.34E-05	0.01
Non-alcoholic Fatty C0400966	NHS	4810 Q6T4R5	NHS actin remodeling	295	0.466	0.846 0.99999	0.01
Non-alcoholic Fatty C0400966	NNMT	4837 P40261	nicotinami Enzyme	103	0.559	0.654 5.28E-08	0.01
Non-alcoholic Fatty C0400966	NOS2	4843 P35228	nitric oxide synthase 2	783	0.364	0.923 4.03E-15	0.01
Non-alcoholic Fatty C0400966	NOS3	4846 P29474	nitric oxide synthase 3	706	0.378	0.885 6.72E-07	0.01
Non-alcoholic Fatty C0400966	NOTCH1	4851 P46531	notch receptor 1	693	0.369	0.885 1	0.01
Non-alcoholic Fatty C0400966	NRF1	4899 Q16656	nuclear respiratory fac	74	0.603	0.808 0.99922	0.01
Non-alcoholic Fatty C0400966	NUCB2	4925 P80303	nucleobind Calcium-b	140	0.54	0.731 2E-10	0.01
Non-alcoholic Fatty C0400966	CISD2	##### Q8N5K1	CDGSH iron sulfur dc	106	0.59	0.692 0.41583	0.01
Non-alcoholic Fatty C0400966	MIR361	#####	microRNA 361	79	0.578	0.654	0.01
Non-alcoholic Fatty C0400966	MIR423	#####	microRNA 423	91	0.566	0.769	0.01



Non-alcoholic Fatty C0400966	P2RX5	5026 Q93086	purinergic Ion channel	132	0.548	0.769	2.85E-13	0.01
Non-alcoholic Fatty C0400966	P4HA1	5033 P13674	prolyl 4-hydroxylase	27	0.736	0.385	0.93166	0.01
Non-alcoholic Fatty C0400966	DUOX2	50506 Q9NRD8	dual oxidase Enzyme	150	0.533	0.769	4.5E-56	0.01
Non-alcoholic Fatty C0400966	NOX4	50507 Q9NPH5	NADPH oxidase Enzyme	260	0.471	0.885	5.76E-20	0.01
Non-alcoholic Fatty C0400966	IL20	50604 Q9NYY1	interleukin 20	111	0.556	0.769	1.34E-06	0.01
Non-alcoholic Fatty C0400966	PAPPA	5069 Q13219	pappalysin 1	125	0.558	0.692	0.1613	0.01
Non-alcoholic Fatty C0400966	PC	5091 P11498	pyruvate carboxylase Enzyme	183	0.515	0.808	0.013834	0.01
Non-alcoholic Fatty C0400966	SOST	50964 Q9BQB4	sclerostin	270	0.474	0.808	0.86731	0.01
Non-alcoholic Fatty C0400966	PCK1	5105 P35558	phosphoenolpyruvate Kinase	73	0.608	0.538	8.75E-15	0.01
Non-alcoholic Fatty C0400966	ABHD5	51099 Q8WTS1	abhydrolase domain containing	76	0.641	0.538	6.42E-07	0.01
Non-alcoholic Fatty C0400966	INSIG2	51141 Q9Y5U4	insulin induced gene 2	45	0.653	0.5	0.059986	0.01
Non-alcoholic Fatty C0400966	MBTPS2	51360 O43462	membrane type 2 protease	205	0.513	0.769	0.99752	0.01
Non-alcoholic Fatty C0400966	ISYNA1	51477 Q9NPH2	inositol-3-phosphatase	168	0.51	0.769	2.49E-05	0.01
Non-alcoholic Fatty C0400966	SIRT6	51548 Q8N6T7	sirtuin 6 Epigenetic	195	0.496	0.846	0.039119	0.01
Non-alcoholic Fatty C0400966	PDGFRB	5159 P09619	platelet derived growth factor receptor kinase	492	0.416	0.846	0.9041	0.01
Non-alcoholic Fatty C0400966	ARID4B	51742 Q4LE39	AT-rich interaction domain	62	0.631	0.615	1	0.01
Non-alcoholic Fatty C0400966	SERPINA4	5267 P29622	serpin family A member 4	45	0.641	0.654	9.73E-09	0.01
Non-alcoholic Fatty C0400966	SERPINB6	5269 P35237	serpin family B member 6	128	0.547	0.769	0.00011	0.01
Non-alcoholic Fatty C0400966	PIGR	5284 P01833	polymeric immunoglobulin receptor	71	0.615	0.808	0.81331	0.01
Non-alcoholic Fatty C0400966	PITX3	5309 O75364	paired like homeodomain	93	0.585	0.692	0.81276	0.01
Non-alcoholic Fatty C0400966	PKM	5315 P14618	pyruvate kinase	237	0.482	0.808	0.8549	0.01
Non-alcoholic Fatty C0400966	PKNOX1	5316 P55347	PBX/knottin domain	34	0.674	0.538	0.99401	0.01
Non-alcoholic Fatty C0400966	PLCG1	5335 P19174	phospholipase C	116	0.564	0.692	7.93E-05	0.01
Non-alcoholic Fatty C0400966	PLG	5340 P00747	plasminogen activator	586	0.389	0.923	0.010345	0.01
Non-alcoholic Fatty C0400966	PLTP	5360 P55058	phospholipid transfer protein	62	0.633	0.654	9E-09	0.01
Non-alcoholic Fatty C0400966	PMCH	5367 P20382	pro-melanin concentrating hormone	57	0.615	0.808	0.11486	0.01
Non-alcoholic Fatty C0400966	DUOX1	53905 Q9NRD9	dual oxidase Enzyme	97	0.57	0.692	6.22E-33	0.01
Non-alcoholic Fatty C0400966	TREM1	54210 Q9NP99	triggering receptor expressed on myeloid cells	172	0.515	0.808	0.006278	0.01
Non-alcoholic Fatty C0400966	CCHCR1	54535 Q8TD31	coiled-coil alpha-helical	193	0.505	0.808	1.01E-16	0.01
Non-alcoholic Fatty C0400966	UGT1A10	54575 Q9HAW8	UDP glucuronosyltransferase	88	0.588	0.615	4.59E-19	0.01
Non-alcoholic Fatty C0400966	UGT1A8	54576 Q9HAW9	UDP glucuronosyltransferase	90	0.588	0.654	1.31E-09	0.01
Non-alcoholic Fatty C0400966	UGT1A7	54577 Q9HAW7	UDP glucuronosyltransferase	125	0.55	0.692	8.66E-14	0.01
Non-alcoholic Fatty C0400966	UGT1A6	54578 P19224	UDP glucuronosyltransferase	115	0.56	0.654	3.05E-07	0.01
Non-alcoholic Fatty C0400966	EGLN1	54583 Q9GZT9	egl-9 family hypoxia inducible	130	0.54	0.731	0.97403	0.01
Non-alcoholic Fatty C0400966	UGT1A4	54657 P22310	UDP glucuronosyltransferase	84	0.595	0.654	5.98E-07	0.01
Non-alcoholic Fatty C0400966	CROT	54677 Q9UKG9	carnitine C transferase	11	0.805	0.346	4.43E-25	0.01
Non-alcoholic Fatty C0400966	TET2	54790 Q6N021	tet methylcytosine dioxygenase	362	0.458	0.808	4.33E-54	0.01
Non-alcoholic Fatty C0400966	SLC52A1	55065 Q9NWF4	solute carrier family 52 member 1	160	0.526	0.769	3.52E-06	0.01
Non-alcoholic Fatty C0400966	PPP1R3C	5507 Q9UQK1	protein phosphatase 1 regulatory subunit	25	0.711	0.5	0.00264	0.01

Non-alcoholic Fatty C0400966	PIWIL2	55124 Q8TC59	piwi like RNA-medi	65	0.612	0.577	2.71E-08	0.01
Non-alcoholic Fatty C0400966	NUDT11	55190 Q96G61	nudix hydr Enzyme	37	0.647	0.615	0.10316	0.01
Non-alcoholic Fatty C0400966	APPL2	55198 Q8NEU8	adaptor protein, phosp	36	0.7	0.423	1.16E-18	0.01
Non-alcoholic Fatty C0400966	SLC47A1	55244 Q96FL8	solute carri Transporte	28	0.729	0.462	1.96E-14	0.01
Non-alcoholic Fatty C0400966	CWF19L1	55280 Q69YN2	CWF19 like cell cycle	51	0.691	0.346	1.44E-15	0.01
Non-alcoholic Fatty C0400966	FBXW7	55294 Q969H0	F-box and Enzyme m	257	0.465	0.808	0.99949	0.01
Non-alcoholic Fatty C0400966	CHDH	55349 Q8NE62	choline del Enzyme	158	0.529	0.769	1.69E-06	0.01
Non-alcoholic Fatty C0400966	NLRP2	55655 Q9NX02	NLR family pyrin don	155	0.515	0.731	1.42E-38	0.01
Non-alcoholic Fatty C0400966	TRERF1	55809 Q96PN7	transcriptional regulat	22	0.729	0.346	1	0.01
Non-alcoholic Fatty C0400966	ALLC	55821 Q8N6M5	allantoicase	28	0.695	0.385	4.23E-16	0.01
Non-alcoholic Fatty C0400966	PAG1	55824 Q9NWQ8	phosphoprotein memb	174	0.505	0.808	0.017764	0.01
Non-alcoholic Fatty C0400966	ACOT13	55856 Q9NPJ3	acyl-CoA thioesterase	17	0.729	0.423	3.13E-06	0.01
Non-alcoholic Fatty C0400966	PRKDC	5591 P78527	protein kin Kinase	131	0.54	0.808	1	0.01
Non-alcoholic Fatty C0400966	ERBIN	55914 Q96RT1	erbb2 interacting prot	31	0.7	0.231	0.99402	0.01
Non-alcoholic Fatty C0400966	MAPK3	5595 P27361	mitogen-ac Kinase	647	0.379	0.885	0.036884	0.01
Non-alcoholic Fatty C0400966	MAP2K7	5609 O14733	mitogen-ac Kinase	408	0.419	0.808	0.99552	0.01
Non-alcoholic Fatty C0400966	PRLR	5618 P16471	prolactin r Signaling	110	0.572	0.692	0.98732	0.01
Non-alcoholic Fatty C0400966	LGALS14	56891 Q8TCE9	galectin 14 Signaling	35	0.695	0.423	0.000275	0.01
Non-alcoholic Fatty C0400966	UBQLN4	56893 Q9NRR5	ubiquilin 4	11	0.805	0.308	0.98252	0.01
Non-alcoholic Fatty C0400966	PNO1	56902 Q9NRX1	partner of NOB1 hom	99	0.564	0.615	0.22652	0.01
Non-alcoholic Fatty C0400966	ADAMTS9	56999 Q9P2N4	ADAM m Enzyme	53	0.633	0.692	1E-06	0.01
Non-alcoholic Fatty C0400966	BAAT	570 Q14032	bile acid-CoA:amino	98	0.578	0.654	7.87E-08	0.01
Non-alcoholic Fatty C0400966	PCBP4	57060 P57723	poly(rC) bi Enzyme	147	0.523	0.808	0.002371	0.01
Non-alcoholic Fatty C0400966	SMURF1	57154 Q9HCE7	SMAD sp Enzyme	70	0.595	0.615	0.6118	0.01
Non-alcoholic Fatty C0400966	PTBP1	5725 P26599	polypyrimidine tract b	172	0.517	0.769	0.99961	0.01
Non-alcoholic Fatty C0400966	PTGFRN	5738 Q9P2B2	prostaglandin F2 rece	14	0.76	0.269	0.000476	0.01
Non-alcoholic Fatty C0400966	MIR20B	#####	microRNA 20b	84	0.581	0.615		0.01
Non-alcoholic Fatty C0400966	MIR193B	#####	microRNA 193b	117	0.536	0.808		0.01
Non-alcoholic Fatty C0400966	LRRC7	57554 Q96NW7	leucine rich repeat coi	26	0.722	0.462	1	0.01
Non-alcoholic Fatty C0400966	SEMA6A	57556 Q9H2E6	semaphorin Signaling	211	0.486	0.808	0.99976	0.01
Non-alcoholic Fatty C0400966	ARRDC3	57561 Q96B67	arrestin domain contai	24	0.711	0.308	0.98715	0.01
Non-alcoholic Fatty C0400966	PTPN6	5777 P29350	protein tyrosine phosp	218	0.485	0.769	0.99999	0.01
Non-alcoholic Fatty C0400966	PTPRC	5788 P08575	protein tyr Enzyme	366	0.435	0.808	1	0.01
Non-alcoholic Fatty C0400966	PTX3	5806 P26022	pentraxin 3	296	0.457	0.808	6.98E-05	0.01
Non-alcoholic Fatty C0400966	BAX	581 Q07812	BCL2 assc Signaling	420	0.417	0.885	0.31746	0.01
Non-alcoholic Fatty C0400966	PGAP6	58986 Q9HCN3	post-glyco Cell adhes	3	1	0.038	4.37E-10	0.01
Non-alcoholic Fatty C0400966	BCHE	590 P06276	butyrylcholinesterase	392	0.447	0.923	1.06E-13	0.01
Non-alcoholic Fatty C0400966	RARA	5914 P10276	retinoic aci Nuclear re	274	0.47	0.846	0.96305	0.01
Non-alcoholic Fatty C0400966	TRPV4	59341 Q9HBA0	transient re Ion channe	422	0.457	0.808	2.24E-16	0.01

Non-alcoholic Fatty C0400966	OPN1LW	5956 P04000	opsin 1, long G-protein coupled	197	0.497	0.808	0.97535	0.01
Non-alcoholic Fatty C0400966	RELA	5970 Q04206	RELA protein Transcription factor	483	0.406	0.885	0.99948	0.01
Non-alcoholic Fatty C0400966	ACTB	60 P60709	actin beta Cellular structure	1110	0.325	0.923	0.98564	0.01
Non-alcoholic Fatty C0400966	RLN2	6019 P04090	relaxin 2 Signaling	54	0.626	0.615	0.0009	0.01
Non-alcoholic Fatty C0400966	BRD2	6046 P25440	bromodomain Epigenetic	303	0.45	0.808	0.99957	0.01
Non-alcoholic Fatty C0400966	RPS6KB1	6198 P23443	ribosomal protein S6 Kinase	169	0.511	0.731	0.97285	0.01
Non-alcoholic Fatty C0400966	SORT1	6272 Q99523	sortilin 1 Transporter	111	0.573	0.615	0.99987	0.01
Non-alcoholic Fatty C0400966	S100A4	6275 P26447	S100 calcium-binding protein	308	0.448	0.769	0.006184	0.01
Non-alcoholic Fatty C0400966	CCL5	6352 P13501	C-C motif Signaling	514	0.403	0.885	0.001752	0.01
Non-alcoholic Fatty C0400966	CCL17	6361 Q92583	C-C motif Signaling	162	0.518	0.808	0.000139	0.01
Non-alcoholic Fatty C0400966	CCL19	6363 Q99731	C-C motif Signaling	126	0.542	0.692	0.31691	0.01
Non-alcoholic Fatty C0400966	CXCL5	6374 P42830	C-X-C motif Signaling	160	0.519	0.769	5.04E-06	0.01
Non-alcoholic Fatty C0400966	CIDEA	63924 Q96AQ7	cell death inducing Drosophila	43	0.666	0.462	0.008966	0.01
Non-alcoholic Fatty C0400966	SELL	6402 P14151	selectin L	171	0.505	0.846	4.96E-07	0.01
Non-alcoholic Fatty C0400966	SELP	6403 P16109	selectin P	293	0.46	0.769	5.04E-32	0.01
Non-alcoholic Fatty C0400966	SMOC2	64094 Q9H3U7	SPARC related Calcium-binding	42	0.67	0.462	0.002528	0.01
Non-alcoholic Fatty C0400966	TMBIM1	64114 Q969X1	transmembrane BAX inhibitor	30	0.711	0.154	1.36E-08	0.01
Non-alcoholic Fatty C0400966	SETMAR	6419 Q53H47	SET domain Epigenetic	61	0.617	0.692	0.000102	0.01
Non-alcoholic Fatty C0400966	SFRP4	6424 Q6FHJ7	secreted frizzled related	155	0.524	0.654	9.26E-05	0.01
Non-alcoholic Fatty C0400966	ABCG8	64241 Q9H221	ATP binding Transporter	116	0.573	0.538	2.38E-20	0.01
Non-alcoholic Fatty C0400966	SFRP5	6425 Q5T4F7	secreted frizzled related	106	0.559	0.692	5.18E-06	0.01
Non-alcoholic Fatty C0400966	SRSF3	6428 P84103	serine and Nucleic acid	60	0.619	0.615	0.96323	0.01
Non-alcoholic Fatty C0400966	NSD1	64324 Q96L73	nuclear receptor Epigenetic	247	0.505	0.769	1	0.01
Non-alcoholic Fatty C0400966	XPO4	64328 Q9C0E2	exportin 4 Transporter	17	0.751	0.192	1	0.01
Non-alcoholic Fatty C0400966	BLVRA	644 P53004	biliverdin reductase Enzyme	34	0.663	0.423	0.000348	0.01
Non-alcoholic Fatty C0400966	GORASP1	64689 Q9BQQ3	golgi reassembly staphylococcal	369	0.428	0.846	0.019543	0.01
Non-alcoholic Fatty C0400966	ARV1	64801 Q9H2C2	ARV1 homolog, fatty acid	57	0.691	0.423	3.59E-06	0.01
Non-alcoholic Fatty C0400966	ST3GAL4	6484 Q11206	ST3 beta-galactoside 4-epimerase	115	0.588	0.692	0.039802	0.01
Non-alcoholic Fatty C0400966	WNK1	65125 Q9H4A3	WNK lysine Kinase	460	0.416	0.846	1	0.01
Non-alcoholic Fatty C0400966	SLC2A4	6517 P14672	solute carrier Transporter	158	0.528	0.769	4.71E-05	0.01
Non-alcoholic Fatty C0400966	BMP4	652 P12644	bone morphogenetic Signaling	423	0.422	0.808	0.9564	0.01
Non-alcoholic Fatty C0400966	SLC3A2	6520 P08195	solute carrier Transporter	108	0.565	0.731	4.22E-08	0.01
Non-alcoholic Fatty C0400966	FRTS1	65211	Fanconi renal tubular syndrome	69	0.599	0.654		0.01
Non-alcoholic Fatty C0400966	SLC6A2	6530 P23975	solute carrier Transporter	238	0.49	0.846	0.081524	0.01
Non-alcoholic Fatty C0400966	SNHG20	#####	small nucleolar RNA host	41	0.65	0.346		0.01
Non-alcoholic Fatty C0400966	SLC10A1	6554 Q14973	solute carrier Transporter	54	0.626	0.462	4.79E-16	0.01
Non-alcoholic Fatty C0400966	BMP8B	656 P34820	bone morphogenetic Signaling	12	0.792	0.192	0.00019	0.01
Non-alcoholic Fatty C0400966	SLC13A1	6561 Q9BZW2	solute carrier Transporter	7	0.861	0.269	1.23E-17	0.01
Non-alcoholic Fatty C0400966	AACS	65985 Q86V21	acetoacetyl CoA Synthetase Enzyme	12	0.751	0.308	9.13E-17	0.01

Non-alcoholic Fatty C0400966	SMPD1	6609 P17405	sphingomy Enzyme	247	0.499	0.885	3.89E-10	0.01
Non-alcoholic Fatty C0400966	SIGLEC1	6614 Q9BZZ2	sialic acid binding Ig l	75	0.597	0.654	5.33E-46	0.01
Non-alcoholic Fatty C0400966	SNAI1	6615 O95863	snail family transcript	243	0.474	0.808	0.21754	0.01
Non-alcoholic Fatty C0400966	SORD	6652 Q00796	sorbitol de Enzyme	113	0.552	0.769	4.49E-08	0.01
Non-alcoholic Fatty C0400966	SP1	6667 P08047	Sp1 trans Nucleic ac	209	0.493	0.769	0.99997	0.01
Non-alcoholic Fatty C0400966	SPRR2A	6700 P35326	small proline rich prot	67	0.612	0.731		0.01
Non-alcoholic Fatty C0400966	SQLE	6713 Q14534	squalene e Enzyme	36	0.674	0.577	0.97594	0.01
Non-alcoholic Fatty C0400966	AKR1D1	6718 P51857	aldo-keto r Enzyme	40	0.711	0.385	1.72E-07	0.01
Non-alcoholic Fatty C0400966	STAR	6770 P49675	steroidogenic acute re	177	0.513	0.808	8.77E-11	0.01
Non-alcoholic Fatty C0400966	STAT1	6772 P42224	signal tran Nucleic ac	531	0.399	0.885	0.99999	0.01
Non-alcoholic Fatty C0400966	STAT6	6778 P42226	signal tran Nucleic ac	281	0.475	0.808	0.98849	0.01
Non-alcoholic Fatty C0400966	SULT1E1	6783 P49888	sulfotransferase famil	171	0.508	0.808	1.97E-07	0.01
Non-alcoholic Fatty C0400966	STK11	6794 Q15831	serine/thre Kinase	372	0.435	0.808	0.9934	0.01
Non-alcoholic Fatty C0400966	SYT1	6857 P21579	synaptotag Transporte	460	0.412	0.846	0.60038	0.01
Non-alcoholic Fatty C0400966	ADAM17	6868 P78536	ADAM metallopeptid	316	0.453	0.808	0.99528	0.01
Non-alcoholic Fatty C0400966	MAP3K7	6885 O43318	mitogen-ac Kinase	273	0.477	0.808	0.99971	0.01
Non-alcoholic Fatty C0400966	TAZ	6901 Q16635	tafazzin Enzyme	252	0.477	0.808	0.72591	0.01
Non-alcoholic Fatty C0400966	MIR33B	#####	microRNA 33b	61	0.601	0.615		0.01
Non-alcoholic Fatty C0400966	MIR590	#####	microRNA 590	99	0.553	0.692		0.01
Non-alcoholic Fatty C0400966	TCF7L2	6934 Q9NQB0	transcription factor 7 l	257	0.485	0.846	0.99537	0.01
Non-alcoholic Fatty C0400966	TFAM	7019 Q00059	transcription factor A,	147	0.529	0.731	0.17259	0.01
Non-alcoholic Fatty C0400966	TFF3	7033 Q07654	trefoil fact Signaling	163	0.518	0.885	0.01591	0.01
Non-alcoholic Fatty C0400966	TG	7038 P01266	thyroglobu Enzyme m	240	0.48	0.808	2.88E-59	0.01
Non-alcoholic Fatty C0400966	TGFB1I1	7041 O43294	transformin Cellular st	47	0.638	0.423	0.027032	0.01
Non-alcoholic Fatty C0400966	TSPO	706 P30536	translocator protein	341	0.444	0.885	0.000274	0.01
Non-alcoholic Fatty C0400966	THRSP	7069 Q92748	thyroid hormone respc	33	0.695	0.462	0.002924	0.01
Non-alcoholic Fatty C0400966	TIMP3	7078 P35625	TIMP met Enzyme m	325	0.445	0.923	0.63037	0.01
Non-alcoholic Fatty C0400966	TLL1	7092 O43897	tolloid like 1	24	0.716	0.5	0.17306	0.01
Non-alcoholic Fatty C0400966	TLR1	7096 Q15399	toll like receptor 1	198	0.496	0.808	5.87E-23	0.01
Non-alcoholic Fatty C0400966	NR2E1	7101 Q9Y466	nuclear rec Nuclear re	57	0.628	0.538	0.99864	0.01
Non-alcoholic Fatty C0400966	TM7SF2	7108 O76062	transmemb Enzyme	217	0.486	0.808	1.37E-07	0.01
Non-alcoholic Fatty C0400966	TMPO	7112 P42166;P42167	thymopoie Signaling	58	0.631	0.577	1.55E-07	0.01
Non-alcoholic Fatty C0400966	TNFAIP3	7128 P21580	TNF alpha Enzyme	212	0.481	0.808	0.99972	0.01
Non-alcoholic Fatty C0400966	TNFRSF1A	7132 P19438	TNF receptor superfai	487	0.409	0.923	0.9949	0.01
Non-alcoholic Fatty C0400966	TP53BP1	7158 Q12888	tumor prot Epigenetic	158	0.52	0.731	0.99985	0.01
Non-alcoholic Fatty C0400966	TPO	7173 P07202	thyroid per Enzyme	306	0.455	0.846	1.82E-21	0.01
Non-alcoholic Fatty C0400966	C3	718 P01024	compleme Enzyme m	343	0.445	0.885	0.90421	0.01
Non-alcoholic Fatty C0400966	TRAF3	7187 Q13114	TNF recep Signaling	129	0.541	0.769	0.99869	0.01
Non-alcoholic Fatty C0400966	DNLZ	##### Q5SXM8	DNL-type zinc finger	43	0.663	0.538	0.000247	0.01

Non-alcoholic Fatty C0400966	HULC	#####	hepatocellular carcino	72	0.606	0.538		0.01
Non-alcoholic Fatty C0400966	UCP1	7350 P25874	uncoupling Transporte	124	0.545	0.769	1.69E-11	0.01
Non-alcoholic Fatty C0400966	UCP3	7352 P55916	uncoupling Transporte	66	0.619	0.577	9.55E-10	0.01
Non-alcoholic Fatty C0400966	SLC35A2	7355 P78381	solute carri Transporte	197	0.525	0.808	0.71792	0.01
Non-alcoholic Fatty C0400966	UGT1A	7361	UDP glucuronosyltrar	117	0.54	0.654		0.01
Non-alcoholic Fatty C0400966	UGT2B4	7363 P06133	UDP glucuronosyltrar	16	0.751	0.231	4.38E-09	0.01
Non-alcoholic Fatty C0400966	USP4	7375 Q13107	ubiquitin s Enzyme	40	0.686	0.308	1.61E-09	0.01
Non-alcoholic Fatty C0400966	UROD	7389 P06132	uroporphyrinogen dec	166	0.521	0.769	1.26E-08	0.01
Non-alcoholic Fatty C0400966	UTRN	7402 P46939	utrophin	152	0.525	0.692	1E-19	0.01
Non-alcoholic Fatty C0400966	VCAM1	7412 P19320	vascular cell adhesion	406	0.422	0.808	0.79791	0.01
Non-alcoholic Fatty C0400966	VEGFC	7424 P49767	vascular er Signaling	291	0.459	0.769	0.49565	0.01
Non-alcoholic Fatty C0400966	VIP	7432 P01282	vasoactive Signaling	376	0.437	0.846	0.00042	0.01
Non-alcoholic Fatty C0400966	BEST1	7439 O76090	bestrophin Ion channe	292	0.465	0.885	1.82E-12	0.01
Non-alcoholic Fatty C0400966	YY1	7528 P25490	YY1 trans( Transcripti	245	0.481	0.808	0.9938	0.01
Non-alcoholic Fatty C0400966	ZBTB16	7704 Q05516	zinc finger Transcripti	154	0.545	0.808	0.99907	0.01
Non-alcoholic Fatty C0400966	DUSP26	78986 Q9BV47	dual specificity phosp	35	0.682	0.346	0.00023	0.01
Non-alcoholic Fatty C0400966	ELOVL6	79071 Q9H5J4	ELOVL fa Enzyme	51	0.623	0.731	0.96581	0.01
Non-alcoholic Fatty C0400966	APOO	79135 Q9BUR5	apolipoprotein O	6	0.839	0.192	0.60201	0.01
Non-alcoholic Fatty C0400966	LAP	7939	Laryngeal adductor pe	50	0.619	0.731		0.01
Non-alcoholic Fatty C0400966	PLA2G7	7941 Q13093	phospholip Enzyme	136	0.537	0.769	5.33E-22	0.01
Non-alcoholic Fatty C0400966	TFEB	7942 P19484	transcription factor EI	150	0.527	0.731	0.89931	0.01
Non-alcoholic Fatty C0400966	CALCA	796 P01258;P06881	calcitonin i Signaling	467	0.416	0.923	0.015562	0.01
Non-alcoholic Fatty C0400966	AIMP2	7965 Q13155	aminoacyl tRNA synt	555	0.393	0.923	0.008024	0.01
Non-alcoholic Fatty C0400966	NLRX1	79671 Q86UT6	NLR famil Enzyme	51	0.641	0.654	7.73E-31	0.01
Non-alcoholic Fatty C0400966	KCTD17	79734 Q8N5Z5	potassium channel tet	22	0.743	0.308	0.017683	0.01
Non-alcoholic Fatty C0400966	GSDMD	79792 P57764	gasdermin D	50	0.641	0.692	1.08E-13	0.01
Non-alcoholic Fatty C0400966	DHDDS	79947 Q86SQ9	dehydrodo Enzyme	308	0.468	0.885	0.24533	0.01
Non-alcoholic Fatty C0400966	HKDC1	80201 Q2TB90	hexokinase Kinase	26	0.743	0.269	1.62E-14	0.01
Non-alcoholic Fatty C0400966	STAM	8027 Q92783	signal transducing ad	20	0.736	0.269	0.85048	0.01
Non-alcoholic Fatty C0400966	CPEB4	80315 Q17RY0	cytoplasmic Nucleic ac	70	0.621	0.462	0.98555	0.01
Non-alcoholic Fatty C0400966	COASY	80347 Q13057	Coenzyme Enzyme	125	0.551	0.654	8.09E-10	0.01
Non-alcoholic Fatty C0400966	FOSL1	8061 P15407	FOS like 1 Transcripti	150	0.519	0.846	0.15849	0.01
Non-alcoholic Fatty C0400966	FGF23	8074 Q9GZV9	fibroblast i Signaling	305	0.46	0.731	0.031014	0.01
Non-alcoholic Fatty C0400966	SPX	80763 Q9BT56	spexin hormone	33	0.695	0.462	0.00011	0.01
Non-alcoholic Fatty C0400966	SLC7A5	8140 Q01650	solute carri Transporte	173	0.513	0.808	0.23505	0.01
Non-alcoholic Fatty C0400966	BAS	8213	Beta-adrenergic stimu	29	0.711	0.346		0.01
Non-alcoholic Fatty C0400966	SESN2	83667 P58004	sestrin 2 Enzyme	169	0.508	0.808	4.19E-07	0.01
Non-alcoholic Fatty C0400966	TRAPPC9	83696 Q96Q05	trafficking protein par	111	0.603	0.577	2.29E-14	0.01
Non-alcoholic Fatty C0400966	ITCH	83737 Q96J02	itchy E3 ut Enzyme	123	0.556	0.769	0.99997	0.01

Non-alcoholic Fatty C0400966	ANGPTL6	83854 Q8NI99	angiopoietin Signaling	48	0.656	0.462	2.37E-08	0.01
Non-alcoholic Fatty C0400966	PLA2G6	8398 O60733	phospholipid Enzyme m	350	0.476	0.846	2.48E-10	0.01
Non-alcoholic Fatty C0400966	CHCHD6	84303 Q9BRQ6	coiled-coil-helix-coile	7	0.839	0.269	5.57E-09	0.01
Non-alcoholic Fatty C0400966	MAK16	84549 Q9BXY0	MAK16 homolog	96	0.566	0.615	0.96452	0.01
Non-alcoholic Fatty C0400966	DGAT2	84649 Q96PD7	diacylglycerol Enzyme	41	0.686	0.423	8.36E-12	0.01
Non-alcoholic Fatty C0400966	CARD6	84674 Q9BX69	caspase recruitment d	6	0.861	0.115	3.39E-13	0.01
Non-alcoholic Fatty C0400966	FAM83A	84985 Q86UY5	family with sequence	20	0.76	0.192	3.03E-07	0.01
Non-alcoholic Fatty C0400966	PIK3R3	8503 Q92569	phosphoinositide Enzyme m	101	0.556	0.692	3.36E-10	0.01
Non-alcoholic Fatty C0400966	CYP4F2	8529 P78329	cytochrome Enzyme	44	0.674	0.308	7.58E-17	0.01
Non-alcoholic Fatty C0400966	DENR	8562 O43583	density regulation Enzyme	121	0.543	0.692	0.87514	0.01
Non-alcoholic Fatty C0400966	RUNX2	860 Q13950	RUNX family Transcription	405	0.437	0.846	0.94884	0.01
Non-alcoholic Fatty C0400966	RTCA	8634 O00442	RNA 3'-terminal Enzyme	22	0.736	0.385	3.09E-09	0.01
Non-alcoholic Fatty C0400966	DGAT1	8694 O75907	diacylglycerol Enzyme	64	0.621	0.615	1.41E-17	0.01
Non-alcoholic Fatty C0400966	ABCC3	8714 O15438	ATP binding Transmembrane	160	0.517	0.769	1.21E-26	0.01
Non-alcoholic Fatty C0400966	MBTPS1	8720 Q14703	membrane Enzyme	148	0.532	0.692	7.59E-09	0.01
Non-alcoholic Fatty C0400966	TNFSF14	8740 O43557	TNF superfamily Signaling	143	0.529	0.769	0.051663	0.01
Non-alcoholic Fatty C0400966	DLK1	8788 P80370	delta like 1 Signaling	144	0.527	0.692	0.034576	0.01
Non-alcoholic Fatty C0400966	TRIM24	8805 O15164	tripartite motif containing	79	0.581	0.615	1	0.01
Non-alcoholic Fatty C0400966	CES2	8824 O00748	carboxylesterase Enzyme	87	0.584	0.731	3.58E-16	0.01
Non-alcoholic Fatty C0400966	HDAC3	8841 O15379	histone deacetylase Epigenetic	179	0.511	0.731	0.56737	0.01
Non-alcoholic Fatty C0400966	SQSTM1	8878 Q13501	sequestosome 1	470	0.428	0.885	0.00086	0.01
Non-alcoholic Fatty C0400966	CCNC	892 P24863	cyclin C Enzyme m	24	0.695	0.462	0.99914	0.01
Non-alcoholic Fatty C0400966	MBD2	8932 Q9UBB5	methyldomains Epigenetic	256	0.466	0.846	0.34957	0.01
Non-alcoholic Fatty C0400966	WNT3A	89780 P56704	Wnt family Signaling	141	0.532	0.769	0.96491	0.01
Non-alcoholic Fatty C0400966	CCRL2	9034 O00421	C-C motif G-protein coupled	59	0.621	0.654	0.36861	0.01
Non-alcoholic Fatty C0400966	TBL1Y	90665 Q9BQ87	transducin beta like 1	22	0.705	0.385	4.03E-13	0.01
Non-alcoholic Fatty C0400966	MYOM2	9172 P54296	myomesin 2	103	0.57	0.692	7.01E-85	0.01
Non-alcoholic Fatty C0400966	TIMD4	91937 Q96H15	T cell immunoglobulin	49	0.644	0.654	2.64E-10	0.01
Non-alcoholic Fatty C0400966	ZNF300	91975 Q96RE9	zinc finger protein 300	16	0.76	0.115	1.12E-05	0.01
Non-alcoholic Fatty C0400966	HACD1	9200 B0YJ81	3-hydroxyacyl-CoA dehydratase	160	0.539	0.846	1.29E-09	0.01
Non-alcoholic Fatty C0400966	NOG	9241 Q13253	noggin	206	0.518	0.731	0.89026	0.01
Non-alcoholic Fatty C0400966	GLP2R	9340 O95838	glucagon like G-protein coupled	28	0.705	0.269	2.64E-11	0.01
Non-alcoholic Fatty C0400966	COX5A	9377 P20674	cytochrome c oxidase Enzyme	171	0.515	0.846	0.49407	0.01
Non-alcoholic Fatty C0400966	GRAP2	9402 O75791	GRB2 related adaptor	538	0.394	0.923	0.000153	0.01
Non-alcoholic Fatty C0400966	TMPRSS11D	9407 O60235	transmembrane Enzyme	48	0.636	0.538	1.2E-05	0.01
Non-alcoholic Fatty C0400966	EIF2AK3	9451 Q9NZJ5	eukaryotic Kinase	231	0.501	0.808	0.00276	0.01
Non-alcoholic Fatty C0400966	GGPS1	9453 O95749	geranylgeranyl diphosphate synthase	44	0.647	0.577	0.26866	0.01
Non-alcoholic Fatty C0400966	ATG5	9474 Q9H1Y0	autophagy Transmembrane	282	0.462	0.885	0.97758	0.01
Non-alcoholic Fatty C0400966	LITAF	9516 Q99732	lipopolysaccharide Transcription	59	0.65	0.462	0.030752	0.01

Non-alcoholic Fatty C0400966	CLOCK	9575 O15516	clock circadian regula	309	0.463	0.885	0.99957	0.01
Non-alcoholic Fatty C0400966	CD44	960 P16070	CD44 molecule (India	711	0.363	0.962	2.45E-07	0.01
Non-alcoholic Fatty C0400966	ABCG1	9619 P45844	ATP bindi Transporte	118	0.56	0.692	0.11182	0.01
Non-alcoholic Fatty C0400966	KEAP1	9817 Q14145	kelch like ECH associ	251	0.475	0.808	0.000388	0.01
Non-alcoholic Fatty C0400966	PLPPR4	9890 Q7Z2D5	phospholip Enzyme	10	0.839	0.154	0.86104	0.01
Non-alcoholic Fatty C0400966	MFN2	9927 O95140	mitofusin 2 Enzyme	334	0.471	0.846	0.99415	0.01
Non-alcoholic Fatty C0400966	CDC42	998 P60953	cell divisio Enzyme m	327	0.458	0.846	0.78728	0.01
Non-alcoholic Fatty C0400966	CDH1	999 P12830	cadherin 1	508	0.401	0.808	0.14631	0.01

#### Information of OMIM

OMIM Search - 'non-alcoholic fatty liver '

Downloaded: Dec 14, 2020

Copyright (c) 1966-2020 Johns Hopkins University OMIM, data are provided for research purposes only.

MIM Number	Title	Included Titles	Cytoge Genomic Coordin Entrez Gene ID
%613282	FATTY LIVER DISEASE, NONALCOHOLIC, SUSCLIVER DISEASE,		22q13.22:37200000-508 100380876
%613387	FATTY LIVER DISEASE, NONALCOHOLIC, SUSCL		11q23.11:110600000-12 100462725
#603471	CITRULLINEMIA, TYPE II, ADULT-ONSET; CTLN		7q21.3
*601739	MEIS HOMEODOMAIN 1; MEIS1		2p14.2:66435124-6657 4211
%228100	VISCERAL STEATOSIS, CONGENITAL		
*107720	APOLIPOPROTEIN C-III; APOC3	APOC3/APOA1 FC	11q23.11:116829906-11 345
*134650	FATTY ACID-BINDING PROTEIN 1; FABP1		2p11.2:2:88122981-8812 2168
*603030	TOLL-LIKE RECEPTOR 4; TLR4		9q33.19:117704402-117 7099
*138030	GLUCAGON; GCG	GLUCAGON-LIKI	2q24.22:162142881-162 2641
*600953	INTERLEUKIN 18; IL18		11q23.11:112143250-11 3606
*609567	PATATIN-LIKE PHOSPHOLIPASE DOMAIN-CON		22q13.22:43923804-439 80339
*603598	TUMOR NECROSIS FACTOR LIGAND SUPERFAM		3q26.33:172505507-172 8743
%612364	ALANINE AMINOTRANSFERASE, PLASMA LEV		
*147265	INOSITOL 1,4,5-TRIPHOSPHATE RECEPTOR, TY		3p26.13:4493347-48475 3708
*613524	SEROLOGICALLY DEFINED COLON CANCER AI		1q43-q1:243255417-243 10806
#144250	HYPERLIPIDEMIA, FAMILIAL COMBINED, 3; FC		8p21.3
#615993	BARDET-BIEDL SYNDROME 16; BBS16		1q43-q
%604499	HYPERLIPIDEMIA, FAMILIAL COMBINED, 2; FC		11p 28515
*134651	FATTY ACID-BINDING PROTEIN 3; FABP3		1p35.21:31359594-3137 2170
*600691	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR		19p13.19:17468744-175 376497
*603247	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR		15q21.15:50182195-502 11001
*605168	FATTY ACID-BINDING PROTEIN 5; FABP5		8q21.18:81280535-8128 2171
*611026	FATTY ACID 2-HYDROXYLASE; FA2H		16q23.16:74712954-747 79152
*611546	ELONGATION OF VERY LONG CHAIN FATTY A		4q25.4:110045845-110 79071

#240600	GLYCOGEN STORAGE DISEASE 0, LIVER; GSD0	12p12.
#270200	SJOGREN-LARSSON SYNDROME; SLS	17p11.
*173510	CD36 ANTIGEN; CD36	7q21.1 7:80602206-8067 948
*134640	FATTY ACID-BINDING PROTEIN 2; FABP2	4q26 4:119317249-119 2169
*600422	FATTY ACID-BINDING PROTEIN 6; FABP6	5q33.3 5:160187380-160 2172
*600434	FATTY ACID-BINDING PROTEIN 4; FABP4	8q21.1 8:81478418-8148 2167
*600976	FAT ATYPICAL CADHERIN 1; FAT1	4q35.2 4:186587788-186 2195
*602965	FATTY ACID-BINDING PROTEIN 7; FABP7	6q22.3 6:122749200-122 2173
*603314	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR.	19q13. 19:58498332-585 10998
*604193	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR.	1q21.3 1:153775406-153 11000
*604194	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR.	9q34.1 9:128340515-128 10999
*604196	SOLUTE CARRIER FAMILY 27 (FATTY ACID TR.	28965
*604269	FAT ATYPICAL CADHERIN 2; FAT2	5q33.1 5:151504091-151 2196
*152425	ACYL-CoA SYNTHETASE LONG CHAIN FAMILY	4q35.1 4:184755594-184 2180
*612028	FAT STORAGE-INDUCING TRANSMEMBRANE F	14q12 14:24130658-241 161247
*612029	FAT STORAGE-INDUCING TRANSMEMBRANE F	20q13. 20:44302839-443 128486
*612411	FAT ATYPICAL CADHERIN 4; FAT4	4q28.1 4:125314917-125 79633
*612483	FAT ATYPICAL CADHERIN 3; FAT3	11q14. 11:92224635-928 120114
*614451	ELONGATION OF VERY LONG CHAIN FATTY A	5q12.1 5:60751790-6084 79993
#114550	HEPATOCELLULAR CARCINOMA	HEPATOBLASTO 2q33.1
#306000	GLYCOGEN STORAGE DISEASE IXa1; GSD9A1	GLYCOGEN STOI Xp22.1
#261750	GLYCOGEN STORAGE DISEASE IXb; GSD9B	16q12.
#615486	INTERSTITIAL LUNG AND LIVER DISEASE; ILLI	12q13.
*171760	ALKALINE PHOSPHATASE, LIVER; ALPL	1p36.1 1:21508983-2157 249
*171860	PHOSPHOFRUCTOKINASE, LIVER TYPE; PFKL	21q22. 21:44300039-443 5211
*138571	GLYCOGEN SYNTHASE 2; GYS2	12p12. 12:21531526-216 2998
*189965	CCAAT/ENHANCER-BINDING PROTEIN, BETA; C	20q13. 20:50190582-501 1051
*600528	CARNITINE PALMITOYLTRANSFERASE I, LIVER	11q13. 11:68754619-688 1374
*604426	CYTOCHROME P450, FAMILY 4, SUBFAMILY F,	19p13. 19:15878022-158 8529
*609712	PYRUVATE KINASE, LIVER AND RED BLOOD C	1q22 1:155289292-155 5313
*613009	O-PHOSPHOSERINE tRNA-SELENOCYSTEINE tR	4p15.2 4:25120013-2516 51091
#144650	HYPERLIPOPROTEINEMIA, TYPE V	11q23.
#221770	POLYCYSTIC LIPOMEMBRANOUS OSTEODYSP	19q13.
#275630	CHANARIN-DORFMAN SYNDROME; CDS	3p21.3
#612319	SPASTIC PARAPLEGIA 35, AUTOSOMAL RECES	16q23.
#616154	PEROXISOMAL FATTY ACYL-CoA REDUCTASE	11p15.
%612795	POLYUNSATURATED FATTY ACIDS PLASMA L	11q12- 11:55800000-661 100302559
138920	GRANDDAD SYNDROME	
603376	LONG CHAIN FATTY ACIDS, DEFECT IN TRANS	



*134660	GLUTATHIONE S-TRANSFERASE, PI; GSTP1	GLUTATHIONE S	11q13.11:67583811-675 2950
*600212	FATTY ACID SYNTHASE; FASN		17q25.17:82078337-820 2194
*601310	CYTOCHROME P450, SUBFAMILY IVA, POLYPE		1p33 1:46929176-4694 1579
*602281	MILK FAT GLOBULE-EGF FACTOR 8; MFGE8	MEDIN, INCLUDE	15q26.15:88898682-889 4240
*602371	ACYL-CoA SYNTHETASE LONG CHAIN FAMILY		2q36.12:222861035-222 2181
*602935	FATTY ACID AMIDE HYDROLASE; FAAH		1p33 1:46394316-4641 2166
*300072	UBIQUITIN-SPECIFIC PROTEASE 9, X-LINKED; U		Xp11.4 X:41085419-4123 8239
*300157	ACYL-CoA SYNTHETASE LONG CHAIN FAMILY		Xq23 X:109641334-109 2182
*300654	FATTY ACID AMIDE HYDROLASE 2; FAAH2		Xp11.2 X:57121860-5748 158584
*400005	UBIQUITIN-SPECIFIC PROTEASE 9, Y CHROMO		Yq11.2 Y:12701230-1286 8287
*603820	FREE FATTY ACID RECEPTOR 1; FFAR1		19q13.19:35351541-353 2864
*603821	FREE FATTY ACID RECEPTOR 3; FFAR3		19q13.19:35358105-353 2865
*603823	FREE FATTY ACID RECEPTOR 2; FFAR2		19q13.19:35448256-354 2867
*604443	ACYL-CoA SYNTHETASE LONG CHAIN FAMILY	ACS2/ETV6 FUSI	5q31.1 5:131949972-132 23305
*605512	ELONGATION OF VERY LONG CHAIN FATTY A		6q14.1 6:79914813-7994 6785
*605677	ACYL-CoA SYNTHETASE LONG CHAIN FAMILY		10q25.10:112374115-11 51703
*606148	FATTY ACID DESATURASE 1; FADS1		11q12.11:61799626-618 3992
*606149	FATTY ACID DESATURASE 2; FADS2		11q12.11:61816202-618 9415
*606150	FATTY ACID DESATURASE 3; FADS3		11q12.11:61873525-618 3995
*606803	ACYL-CoA THIOESTERASE 11; ACOT11	BFIT1, INCLUDE	1p32.3 1:54548227-5463 26027
*609044	FREE FATTY ACID RECEPTOR 4; FFAR4		10q23.10:93566177-935 338557
*609196	MELANOCORTIN 2 RECEPTOR ACCESSORY PR		21q22.21:32291812-323 56246
*609523	ALDEHYDE DEHYDROGENASE, FAMILY 3, SUB		17p11.17:19648135-196 224
*610966	FTO ALPHA-KETOGLUTARATE-DEPENDENT DI		16q12.16:53703962-541 79068
*611647	ARV1 HOMOLOG, FATTY ACID HOMEOSTASIS		1q42.2 1:230979081-231 64801
*611805	ELONGATION OF VERY LONG CHAIN FATTY A		6p12.1 6:53267403-5334 60481
*611813	ELONGATION OF VERY LONG CHAIN FATTY A		1p34.2 1:43363400-4336 64834
*611814	ELONGATION OF VERY LONG CHAIN FATTY A		6p24.2 6:10980758-1104 54898
*611815	ELONGATION OF VERY LONG CHAIN FATTY A		10q24.10:102224766-10 83401
*612120	CELL DEATH-INDUCING DFFA-LIKE EFFECTOR		3p25.3 3:9866709-98802 63924
*613409	LACCASE (MULTICOPPER REDUCTASE) DOMA		13q14.13:43879177-438 144811
*614359	ACYL-CoA SYNTHETASE MEDIUM CHAIN FAM		16p12.16:20536225-205 348158
*616107	FATTY ACYL CoA REDUCTASE 1; FAR1		11p15.11:13668665-137 84188
*616156	FATTY ACYL CoA REDUCTASE 2; FAR2		12p11.12:29149100-293 55711
*618375	FATTY ACID AMIDE HYDROLASE PSEUDOGEN		1p33 1:46433826-4644 729041
*618923	FATTY ACID-BINDING PROTEIN 12; FABP12		8q21.1 8:81524672-8159 646486
+100650	ALDEHYDE DEHYDROGENASE 2 FAMILY; ALD	SUBLINGUAL NI	12q24.12:111766932-11 217
+142830	MAJOR HISTOCOMPATIBILITY COMPLEX, CLA	ABACAVIR HYPE	6p21.3 6:31353874-3135 3106
#173900	POLYCYSTIC KIDNEY DISEASE 1 WITH OR WIT		16p13.

#174050	POLYCYSTIC LIVER DISEASE 1 WITH OR WITHO	19p13.
#142330	HEPATIC ADENOMAS, FAMILIAL	12q24.
#203700	MITOCHONDRIAL DNA DEPLETION SYNDROM	15q26.
#600666	POLYCYSTIC KIDNEY DISEASE 3 WITH OR WIT	11q12.
#232700	GLYCOGEN STORAGE DISEASE VI; GSD6	14q22.
#253250	MULIBREY NANISM	17q22
#263200	POLYCYSTIC KIDNEY DISEASE 4 WITH OR WIT HEPATIC FIBROS	6p12.3
#613070	LIVER FAILURE, INFANTILE, TRANSIENT; LFT	22q13.
#613095	POLYCYSTIC KIDNEY DISEASE 2 WITH OR WIT	4q22.1
#613658	RAJAB INTERSTITIAL LUNG DISEASE WITH BR	2q36.1
#615438	INFANTILE LIVER FAILURE SYNDROME 1; ILFS	5q32
#616483	INFANTILE LIVER FAILURE SYNDROME 2; ILFS	2p24.3
#616719	SPINOCEREBELLAR ATAXIA, AUTOSOMAL RE	11q13.
#617004	POLYCYSTIC LIVER DISEASE 2 WITH OR WITHO	6q21
#617874	POLYCYSTIC LIVER DISEASE 3 WITH OR WITHO	11q14.
#617875	POLYCYSTIC LIVER DISEASE 4 WITH OR WITHO	11q13.
#618061	POLYCYSTIC KIDNEY DISEASE 6 WITH OR WIT	3q27.3
#618641	INFANTILE LIVER FAILURE SYNDROME 3; ILFS	7q22.3
% 189800	PREECLAMPSIA/ECLAMPSIA 1; PEE1	HYPERTENSION, 2p13 2:68400000-7480 5177
123997	CYTOCHROME c OXIDASE, SUBUNIT 7A2, PSEU	1348
602114	NEPHROPATHY, PROGRESSIVE TUBULOINTER;	
605944	LIVER FIBROCYSTIC DISEASE AND POLYDACT	
*100640	ALDEHYDE DEHYDROGENASE 1 FAMILY, MEM	9q21.1 9:72900670-7295 216
*114835	CARBOXYLESTERASE 1; CES1	16q12. 16:55802850-558 1066
*123996	CYTOCHROME c OXIDASE, SUBUNIT 7A2; COX	6q14.1 6:75237674-7525 1347
*601394	CHEMOKINE, CC MOTIF, LIGAND 16; CCL16	17q12 17:35976492-359 6360
*165320	LIVER CANCER ONCOGENE; LCO	2q14-q 2:112200000-136
*172471	PHOSPHORYLASE KINASE, TESTIS/LIVER, GAM	16p11. 16:30748424-307 5261
*136130	FLAVIN-CONTAINING MONOOXYGENASE 1; FM	1q24.3 1:171248472-171 2326
*136131	FLAVIN-CONTAINING MONOOXYGENASE 4; FM	1q24.3 1:171314130-171 2329
*138079	GLUCOKINASE; GCK	7p13 7:44143212-4418 2645
*138160	SOLUTE CARRIER FAMILY 2 (FACILITATED GL	3q26.2 3:170996340-171 6514
*138200	GLUTAMATE PYRUVATE TRANSAMINASE; GP	8q24.3 8:144503067-144 2875
*138350	GLUTATHIONE S-TRANSFERASE, MU-1; GSTM1	1p13.3 1:109687816-109 2944
*138360	GLUTATHIONE S-TRANSFERASE, ALPHA-2; GS	6p12.2 6:52750086-5276 2939
*182790	SPECTRIN, BETA, NONERYTHROCYTIC, 1; SPT	2p16.2 2:54456326-5467 6711
*189907	HNF1 HOMEBOX B; HNF1B	17q12 17:37686430-377 6928
*192090	CADHERIN 1; CDH1	16q22. 16:68737291-688 999
*600043	SULFOTRANSFERASE FAMILY 1E, ESTROGEN-F	ARYL SULFOTR 4q13.3 4:69841211-6986 6783

*600924	GROWTH FACTOR, ERV1-LIKE; GFER	16p13.16:1984192-1987 2671
*601584	PROTEIN-TYROSINE PHOSPHATASE, TYPE 4A, 1	1p35.2.1:31906420-3193 8073
*601585	PROTEIN-TYROSINE PHOSPHATASE, TYPE 4A, 1	6q12.6:63516439-6358 7803
*602072	CYTOCHROME c OXIDASE, SUBUNIT 6A1; COX6A1	12q24.12:120438112-12 1337
*602131	PLECKSTRIN HOMOLOGY-LIKE DOMAIN, FAMILY 1	11p15.11:2928272-2929 7262
*602423	NUCLEAR RECEPTOR SUBFAMILY 1, GROUP H, 1	11p11.11:47248299-472 10062
*602587	ACYL-CoA THIOESTERASE 7; ACOT7	1p36.3.1:6264271-63937 11332
*603017	CADHERIN 17; CDH17	8q22.18:94127161-9421 1015
*300151	SOLUTE CARRIER FAMILY 25 (MITOCHONDRIA)	Xp22.2.X:1386151-13921293
*300689	START DOMAIN-CONTAINING PROTEIN 8; STARD8	Xq13.1X:68647665-6872 9754
*300798	PHOSPHORYLASE KINASE, LIVER, ALPHA-2 SUBUNIT	Xp22.1X:18892297-1898 5256
*304040	GAP JUNCTION PROTEIN, BETA-1; GJB1	Xq13.1X:71215238-7122 2705
*311790	6-PHOSPHOFRUCTO-2-KINASE/FRUCTOSE-2,6-BISPHOSPHATASE	Xp11.2X:54932960-5500 5207
*604258	DLC1 RHO GTPase ACTIVATING PROTEIN; DLC1	8p22.8:13083360-1360 10395
*604453	NUCLEAR RECEPTOR SUBFAMILY 5, GROUP A, 1	1q32.1.1:200027709-200 2494
*604843	SOLUTE CARRIER ORGANIC ANION TRANSPORTER 1	12p12.12:21131193-212 10599
*605872	C-TYPE LECTIN DOMAIN FAMILY 4, MEMBER 1	19p13.19:7763242-7769 10332
*606365	GLUTAMINASE 2; GLS2	12q13.12:56470951-564 27165
*606464	HEPCIDIN ANTIMICROBIAL PEPTIDE; HAMP	19q13.19:35282527-352 57817
*606567	TRANSMEMBRANE 4 SUPERFAMILY, MEMBER 1	3q25.1.3:149474696-149 7104
*607620	COLLECTIN 10; COLEC10	8q24.1.8:118952232-119 10584
*608313	ARGINASE 1; ARG1	6q23.2.6:131573225-131 383
*608603	GLIOMEDIN; GLDN	15q21.15:51341654-514 342035
*609330	ONCOPROTEIN-INDUCED TRANSCRIPT 3, MOUSE	10q22.10:72893738-729 170392
*609866	START DOMAIN-CONTAINING PROTEIN 13; STARD13	13q13.13:33103136-336 90627
*610160	ZINC FINGER PROTEIN 367; ZNF367	9q22.3.9:96385940-9641 195828
*610541	PROTEIN PHOSPHATASE 1, REGULATORY SUBUNIT 1	8p23.1.8:9136254-91515 79660
*610550	METHIONINE ADENOSYLTRANSFERASE I, ALPHEA	10q22.10:80271819-802 4143
*611327	DNAJ/HSP40 HOMOLOG, SUBFAMILY B, MEMBER 1	1p31.1.1:77979174-7801 11080
*611373	LIVER-EXPRESSED ANTIMICROBIAL PEPTIDE 2	5q31.1.5:132873667-132 116842
*611570	FRUCTOSE-1,6-BISPHOSPHATASE 1; FBP1	9q22.3.9:94603132-9464 2203
*612203	NUCLEOSOME ASSEMBLY PROTEIN 1-LIKE 5; NUP133	4q22.1.4:88695912-8869 266812
*612210	HIGHLY UPREGULATED IN LIVER CANCER; HULC	6p24.3.6:8652208-86538 728655
*613039	CHROMODOMAIN HELICASE DNA-BINDING PROTEIN	1q21.1.1:147172746-147 9557
*613741	GLYCOGEN PHOSPHORYLASE, LIVER; PYGL	14q22.14:50905216-509 5836
*616065	PILR-ALPHA-ASSOCIATED NEURAL PROTEIN; PILRA	12p13.12:6689704-6700 196500
*616256	C-TYPE LECTIN DOMAIN FAMILY 4, MEMBER C	19p13.19:7728956-7732 339390
*616594	ARF GTPase-ACTIVATING PROTEIN WITH SH3 DOMAIN	1p36.1.1:23428562-2348 55616
*617084	TRANSMEMBRANE PROTEIN 59; TMEM59	1p32.3.1:54026680-5405 9528

*103720	ALCOHOL DEHYDROGENASE 1B, CLASS I, BET.	4q23	4:99304970-9932 125
*608759	CYTOGLOBIN; CYGB	17q25.17	76527355-765 114757
#167800	PANCREATITIS, HEREDITARY; PCTT	PANCREATITIS, C	1p36.2
*601728	PHOSPHATASE AND TENSIN HOMOLOG; PTEN	10q23.10	87863624-879 5728
*103730	ALCOHOL DEHYDROGENASE 1C, GAMMA POL	4q23	4:99336496-9935 126
*601532	CASPASE 6, APOPTOSIS-RELATED CYSTEINE PI	4q25	4:109688627-109 839
#239850	CANTU SYNDROME	12p12.	
%277730	WERNICKE-KORSAKOFF SYNDROME		
*601487	PEROXISOME PROLIFERATOR-ACTIVATED RECP	PPARG1, INCLUD	3p25.2 3:12287367-1243 5468
+170998	PEROXISOME PROLIFERATOR-ACTIVATED RECH	HYPERAPOBETA	22q13.22:46150525-462 5465
*164160	LEPTIN; LEP	7q32.1 7	128241200-128 3952
*604517	PEROXISOME PROLIFERATOR-ACTIVATED RECP	4p15.2 4	:23792020-2447 10891
#609016	LONG-CHAIN 3-HYDROXYACYL-CoA DEHYDR	2p23.3	
#103780	ALCOHOL DEPENDENCE	ALCOHOL DEPE	4p12, 4
#188890	TOBACCO ADDICTION, SUSCEPTIBILITY TO	5p15.3	
*126450	DOPAMINE RECEPTOR D2; DRD2	11q23.11	:113409604-11 1813
*600890	HYDROXYACYL-CoA DEHYDROGENASE/3-KET	2p23.3 2	:26190634-2624 3030
*601860	17-BETA-HYDROXYSTEROID DEHYDROGENAS	5q23.1 5	:119452496-119 3295
#231680	MULTIPLE ACYL-CoA DEHYDROGENASE DEFIC	GLUTARIC ACID	4q32.1
#214100	PEROXISOME BIOGENESIS DISORDER 1A (ZELI	PEROXISOME BI	7q21.2

This search returned 6,302 entries which exceeded the maximum of 200 so the results were truncated

You can register for MIMmatch ( <https://omim.org/mimmatch/> ) to raise this limit to 1,000

You can register for downloads ( <https://omim.org/downloads> ) and/or the API ( <https://omim.org/api> ) for more search/download options