

Table S2. Androgen-responsive genes from ARGDB³⁸**Androgen-responsive gene**

ACO2
AP1B1
APOBEC3B
ARFGAP3
ARVCF
ATP6V1E1
ATXN10
CELSR1
CHCHD10
CLDN5
CPT1B
CRELD2
DDT
DGCR11
FAM118A
FBLN1
FBXO7
GAL3ST1
GAS2L1
GCAT
GGT1
GSTT1
GSTT2
H1F0
HMOX1
KDELR3
LGALS1
MAPK1
MB
MCHR1
MCM5
MFNG
MGAT3
MIF
MKL1

MMP11

MN1

MPST

NF2

NHP2L1

PACSIN2

PATZ1

PISD

PMM1

PPARA

PRAME

PRR5

PVALB

RBX1

RIBC2

RPL3

RRP7A

SEC14L2

SERHL2

SFI1

SLC25A1

SREBF2

ST13

SYNGR1

TIMP3

TNRC6B

TRABD

TSPO

TST

TTLL12

TUBGCP6

TUG1

UFD1L

XBP1

YPEL1

YWHAH

ZMAT5

ABCG1
ADAMTS1
ADAMTS5
ADARB1
AGPAT3
APP
ATP5O
BRWD1
BTG3
CBR1
CBS
CCT8
CLDN8
COL6A1
CSTB
DIP2A
DYRK1A
HSPA13
IL10RB
LSS
MORC3
MRPL39
MRPS6
NRIP1
PDE9A
PDXK
PFKL
PIGP
RIPK4
RUNX1
SIM2
SYNJ1
TFF1
TIAM1
TMEM50B
TMPRSS2
TRPM2

ACSS1
ACSS2
ADRA1D
ADRM1
AHCY
BCL2L1
BMP2
BMP7
CD40
CDC25B
CEPB
CRLS1
CSNK2A1
CST11
CST3
CST8
CTSZ
CYP24A1
DNNTIP1
DUSP15
EDEM2
EEF1A2
ELMO2
EYA2
GDF5
GGTLCl
GNRH2
HRH3
ID1
IDH3B
JAG1
LAMA5
MACROD2
MAFB
MMP9
NCOA3
NFATC2

NNAT
PAK7
PCK1
PCNA
PDYN
PLCB1
PMEPA1
PRNP
PSMA7
PTGIS
PXMP4
PYGB
RIN2
RNF114
RPN2
RPS21
RRBP1
SAMHD1
SDC4
SEC23B
SLC12A5
SLPI
SMOX
SNAI1
SNAP25
SNPH
SNTA1
SPINT4
SPTLC3
TGM2
THBD
UBE2C
VAPB
WISP2
ZBP1
ACP5
ACPT

AKT2
ANGPTL4
AP2S1
APOC1
APOE
ATP1A3
ATP5D
BAX
BCAM
BCAT2
BST2
C3
CACNA1A
CALR
CAPNS1
CARD8
CCDC97
CCNE1
CD37
CEACAM1
CEBPA
CFD
CHAF1A
CHERP
CKM
CLEC11A
COL5A3
CRB3
CRLF1
CSNK1G2
CXCL17
CYP4F12
CYP4F8
DAPK3
DBP
DPF1
ECH1

EGLN2
EIF3K
ELSPBP1
ERF
ETFB
F2RL3
FAM32A
FARSA
FCER2
FCGRT
FPR1
FTL
FUT3
FUT6
FXYD3
GADD45B
GAMT
GDF15
GIPR
GPX4
GRWD1
GSK3A
HMG20B
HSD17B14
ICAM1
ICAM3
IFI30
INSR
ISYNA1
JAK3
JUNB
KCNN4
KLK10
KLK11
KLK13
KLK14
KLK15

KLK2
KLK3
KLK4
KLK6
KLK7
KLKP1
LDLR
LGALS7
LHB
LIPE
LRG1
LSM4
MAP3K10
MAP4K1
MYBPC2
NCAN
NDUFA7
NFX1
NUCB1
NUDT19
PDCD5
PDE4C
PEG3
PIN1
PLD3
PLEKHJ1
PPAP2C
PRKACA
PRMT1
PSMC4
PSMD8
PTBP1
PTOV1
RAB3A
RAB4B
RAD23A
RANBP3

RETN
RPL18A
RPL28
RPS28
RRAS
SCAF1
SCN1B
SEPW1
SGTA
SHANK1
SIN3B
SLC1A5
SLC25A23
SULT2A1
SYMPK
TBXA2R
TGFB1
TMED1
TMEM205
TNNT1
TNPO2
TRIM28
UBA52
USF2
VAV1
ZIK1
ZNF350
ZNF432
ZNF550
ZNF552
ZNF569
ZNF93
ADCYAP1
ATP5A1
B4GALT6
BCL2
CDH19

CDH2
CNDP2
COLEC12
CYB5A
DSC2
DSG2
GALR1
LIPG
LMAN1
LPIN2
MALT1
MAPRE2
MBP
NEDD4L
NPC1
PMAIP1
PTPRM
RNF125
ROCK1
SEC11C
SERPINB3
SERPINB4
SERPINB5
SIGLEC15
SMAD2
SMAD7
SMCHD1
SOCS6
SYT4
TXNL1
TYMS
VAPA
ABCA5
ABCC3
ACACA
ACADVL
ACBD4

ACE
ACLY
ADORA2B
AKAP1
AP2B1
APPBP2
ASGR1
ATP1B2
ATXN7L3
B3GNTL1
BAIAP2
BIRC5
BLMH
BRIP1
C17ORF80
CACNA1G
CACNG4
CCL16
CCL2
CCL3
CCL4
CCL5
CCL7
CDC6
CDK5R1
CLTC
CNP
COG1
COL1A1
COPS3
COX11
CPD
CRK
CSH2
CYB561
DDX5
DPH1

DUS1L
DYNLL2
EFNB3
EIF5A
EPN2
ERBB2
ERN1
FAM104A
FASN
FLOT2
FOXK2
FXR2
G6PC3
GALR2
GGNBP2
GOSR1
GPS1
GRN
HEATR6
HN1
HOXB13
HOXB2
HOXB6
HSD17B1
IGFBP4
INPP5K
JUP
KIF1C
KRT14
KRT15
KRT19
KRT37
LGALS3BP
LRRC59
MAFG
MAP2K4
MAPT

MIF4GD
MMD
MRPL27
MYH10
MYH2
MYH4
MYL4
MYO1C
NAGS
NCOR1
NME1
NME2
NOG
NPTX1
NR1D1
P2RX1
P4HB
PCTP
PDK2
PEMT
PFN1
PHB
PNMT
PPM1D
PSMB6
PSMC5
PSMD11
PYCR1
RARA
RASD1
RPL19
RPL27
RPRML
RPS6KB1
RUNDC3A
SIRT7
SLC16A3

SLC16A6
SLC25A10
SLC2A4
SLC35B1
SMTNL2
SOCS3
SOCS7
SOX9
SPHK1
SPNS2
SREBF1
ST6GALNAC2
STAT5A
SUPT6H
THRA
TIMP2
TLCD2
TNS4
TOB1
TOP2A
TP53
TRPV3
UBE2G1
UBTF
UNC119
WIPI1
WSB1
YWHAE
ZNHIT3
ABCC1
ACSM3
ADAMTS18
ALDOA
ARL6IP1
ATMIN
ATP2A1
BCAR1

BCKDK
BFAR
C16ORF3
CDH1
CDH3
CENPN
CES3
CFDP1
CREBBP
CRISPLD2
CX3CL1
CYB5B
CYLD
DNAH3
DPEP1
DPEP3
DYNC1LI2
EMP2
FBXL16
GCSH
GDE1
GOT2
GSPT1
HAGH
HCFC1R1
HERPUD1
HP
HSD11B2
HSD17B2
HSD3B7
IRX3
KIF22
KREMEN2
LITAF
MAF
MAPK3
MBTPS1

MC1R
MMP2
MT1X
MVD
NDUFB10
NQO1
NTAN1
NUDT16L1
NUTF2
OSGIN1
PAQR4
PDXDC1
PHKG2
PLLP
POLR2C
PRSS8
PSMB10
PYCARD
RBL2
RHBDL1
SLC7A5
SOX8
SULT1A1
SYT17
TAT
TCF25
TERF2IP
TGFB1I1
TMC5
TRAP1
TUBB3
UQCRC2
ZC3H7A
ZCCHC14
ABHD2
ACAN
ADAM10

AEN
AKAP13
ALDH1A2
ALDH1A3
ANXA2
AP3B2
AQP9
ARRDC4
B2M
C15ORF61
CA12
CATSPER2
CCNB2
CHAC1
CHRNA3
CHRNA5
CKMT1B
CORO2B
COX5A
CYP19A1
ETFA
FAM103A1
FAM174B
FES
FGF7
FURIN
GCHFR
GNB5
GRAMD2
GREM1
HERC1
HOMER2
IDH2
IGF1R
ISG20
LIPC
LPCAT4

LRRC28
MAN2A2
MAP2K1
MAPK6
MEF2A
MESP2
NEDD4
NMB
NOX5
NTRK3
PDIA3
PIAS1
PML
PPIB
PTPN9
RAB27A
RASGRP1
RCCD1
RHCG
SEMA4B
SLC12A1
SLC27A2
SLCO3A1
SMAD3
SMAD6
SNAPC5
SNX1
SORD
THBS1
TLE3
TSPAN3
ZFYVE19
ZNF770
ACOT1
ACTN1
ADAM20
AHSA1

AKAP5
AKAP6
ANG
AP1G2
AP4S1
ARG2
ATXN3
BMP4
BRF1
CALM1
CKB
CPNE6
DACT1
DAD1
DHRS7
DIO2
DLST
EIF2S1
EIF5
ERO1L
ESR2
EVL
FAM177A1
FNTB
FOS
GCH1
HSP90AA1
HSPA2
KIAA0247
LGALS3
LTB4R
MGAT2
MNAT1
MTA1
MTHFD1
NEDD8
NFKBIA

NID2
NPC2
PAX9
PELI2
PGF
PLEKHG3
PPM1A
PRKCH
PRKD1
PSEN1
PSMA3
PSMA6
PSMB5
PSME1
PTPN21
PYGL
RAB15
RDH11
REM2
RNASE9
RPS29
RTN1
SCFD1
SEL1L
SERPINA12
SERPINA5
SIPA1L1
STON2
SYNE2
TEP1
THTPA
TMED10
ZFP36L1
ABCC4
ADPRHL1
AKAP11
ALOX5AP

ATP11A

ATXN8OS

BRCA2

CCDC70

CDK8

COL4A1

DCLK1

DNAJC15

DNAJC3

EFNB2

EPSTI1

FARP1

FOXO1

FREM2

GAS6

GTF2F2

HSPH1

IRS2

ITM2B

LCP1

NDFIP2

NUPL1

PDS5B

POLR1D

POSTN

SPATA13

SUGT1

TM9SF2

TPP2

TPT1

TSC22D1

UBL3

UFM1

ZC3H13

ZIC2

A2M

A2ML1

ABCB9
ABCD2
ADIPORE2
ALDH2
AMIGO2
ANAPC5
AQP5
ARF3
ARHGDIIB
ARL1
ARPC3
ASCL1
ATF7
ATP2A2
ATP2B1
ATP5B
ATP6V0A2
AVPR1A
B4GALNT1
BCAT1
BCL7A
BTG1
CACNA1C
CACNB3
CAMKK2
CCND2
CCT2
CD63
CD9
CDK2
CDK4
CDKN1B
CHD4
CHPT1
COPS7A
CPSF6
CUX2

DAZAP2

DCN

DNM1L

DTX3

DUSP6

ELK3

EMP1

ENO2

EPS8

EPYC

ERGIC2

ERP29

FAR2

FBXO21

FGD4

FKBP11

GAPDH

GNB3

GOLT1B

GPD1

GPRC5A

GRIP1

GTF2H3

GUCY2C

HOXC5

HOXC6

HSP90B1

IGF1

KCNA5

KIF21A

KLRD1

KRAS

KRT1

KRT18

KRT5

KRT6A

KRT71

KRT73
KRT8
LHX5
LIMA1
LRP1
LRP6
LTBR
LUM
MARS
MDM2
MED13L
MFAP5
MGP
MGST1
MPHOSPH9
MRPL51
MSRB3
MVK
MYBPC1
MYL2
NOC4L
NOS1
NR4A1
NUDT4
OAS2
OLR1
PA2G4
PAWR
PEX5
PHC1
PHLDA1
PPP1R12A
PRKAG1
PTGES3
PTHlh
PTPRO
PXMP2

RAB3IP
RAN
RAPGEF3
RARG
RASAL1
RASSF9
RND1
RPLP0
RPS26
SCARB1
SCNN1A
SENP1
SETD8
SHMT2
SLC16A7
SLC2A3
SLC38A1
SLC38A2
SLC38A4
SLCO1B1
SMARCD1
SOAT2
SOCS2
SP1
SPPL3
STRAP
SUOX
TBK1
TMED2
TMEM106C
TNFRSF1A
TPI1
TRAFD1
TSPAN8
TUBA1A
TUBA1B
UBC

ULK1
VDR
XPOT
YEATS4
ACAT1
ACTN3
ADM
AHNAK
AMOTL1
AP2A2
APOA1
ARCN1
ASRGL1
ATM
BANF1
BDNF
BIRC2
BIRC3
CASP12
CAT
CCND1
CD151
CD3E
CD44
CD5
CDK2AP2
CDKN1C
CFL1
CHRM1
CHST1
COPB1
COX8A
CPT1A
CRYAB
CSRP3
CST6
CTSC

CTSD
DDX6
DKK3
DRD4
DTX4
E2F8
EI24
EIF3M
ELF5
EML3
ENDOD1
EPS8L2
ESRRA
F2
FADD
FADS1
FAU
FDX1
FKBP2
FOLH1
FOLR2
FOSL1
FSHB
FTH1
FUT4
FZD4
GSTP1
H19
HBB
HRAS
HSD17B12
HSPA8
HYOU1
IFITM1
IFITM2
IFITM3
IGF2

IL18
IRF7
JRKL
KCNE3
LDHA
LYVE1
MAP3K11
MCAM
MDK
MICAL2
MMP1
MMP12
MMP3
MMP7
MTA2
MUC6
MYOD1
NAP1L4
NCAPD3
NDUFS3
NOX4
NUCB2
NUP160
OR8D4
PANX1
PCF11
PCNXL3
PDE3B
PEX16
PGA3
PGM2L1
PGR
PHLDA2
PICALM
PIK3C2A
PLA2G16
PLEKHA7

PLEKHB1

POLD4

PPP2R5B

PRDX5

PRSS23

PSMA1

PSMC3

PTPMT1

PTS

RAD9A

ROM1

RPLP2

RRM1

SCGB2A1

SCGB2A2

SDHD

SERPING1

SERPINH1

SLC17A6

SLC35F2

SLC37A2

SLC37A4

SLC3A2

SMPD1

SOX6

SPCS2

SPON1

SSRP1

ST5

STARD10

STIM1

STIP1

STT3A

SYTL2

TALDO1

TBRG1

TH

THRSP
THYN1
TIGD3
TMEM123
TNNI2
TNNT3
TRPM5
TSKU
TTC12
UCP2
UCP3
WNT11
YIF1A
ZBTB16
ZDHHC13
ABCC2
ABLIM1
ACADSB
ADD3
ADK
ADRA2A
AKR1C1
AKR1C2
AKR1C3
ANKRD1
ANXA7
AP3M1
ARID5B
ASB13
ATE1
BAG3
BAMBI
BMPR1A
BNIP3
CAMK2G
CASP7
CISD1

CPXM2
CREM
CUZD1
CYP17A1
DCLRE1A
DDIT4
DDX21
DKK1
DNMBP
DUSP5
EIF4EBP2
ELOVL3
ENTPD1
FAS
FGF8
FGFR2
FRAT1
GATA3
GLRX3
GLUD1
GOT1
GSTO1
HELLS
IDI1
IFIT1
INPP5A
ITGB1
JMJD1C
KIAA1217
KIF5B
LDB3
LIPA
MBL2
MGEA5
MINPP1
MSMB
MXI1

NCOA4

NET1

NRP1

OAT

P4HA1

PCBD1

PDLIM1

PDSS1

PFKFB3

PFKP

PGAM1

PHYH

PIK3AP1

PLAU

PLEKHA1

PNLIPRP1

PPA1

PSAP

PTEN

RBP4

RGS10

RPS24

RRP12

RSU1

SCD

SEC61A2

SFMBT2

SGMS1

SGPL1

SLC29A3

SVIL

TFAM

TIMM23

TM9SF3

USP54

VCL

VDAC2

ZDHHC6
ZEB1
ZMIZ1
ZWINT
ABCA1
ACO1
AGPAT2
AK3
ALDH1A1
ALG2
ANGPTL2
ANXA1
AQP3
ATP6V1G1
B4GALT1
BICD2
BNC2
CBWD1
CD274
CDC14B
CDKN2A
CHMP5
CLTA
CRAT
CTSL
DBH
DCTN3
DDX31
DNAJA1
DNM1
ENDOG
EPB41L4B
EXOSC2
GADD45G
GALT
GLDC
GNE

GOLM1
GSN
HEMGN
HSD17B3
HSDL2
HSPA5
IFNA1
IFNA13
INSL6
INVS
KLF4
LCN2
LPAR1
LRRC8A
MTAP
NANS
NFIB
NFIL3
NOTCH1
NPR2
NR4A3
NR6A1
OMD
ORM1
ORM2
PALM2-AKAP2
PAPPA
PDCL
PLAA
PMPCA
POLR1E
PPP6C
PSAT1
PSMD5
PTCH1
PTGDS
PTGR1

PTGS1
RAB14
RALGPS1
RFK
RGS3
RLN2
RMRP
RPL12
RRAGA
SEC61B
SLC1A1
SLC25A25
SLC27A4
SLC31A1
SLC44A1
SNAPC3
STOM
STXBP1
SURF4
SYK
TEK
TMEM141
TNC
TPM2
TRAF2
UBE2R2
UBQLN1
UCK1
UGCG
UNC13B
VCP
XPA
ZBTB26
ZBTB43
ZCCHC6
ZFAND5
ZNF189

ADAM7
ADAM9
ADCY8
ADHFE1
ADRA1A
ADRB3
AGPAT5
ANGPT1
ANK1
ASAHI
ASPH
ATAD2
ATP6V1B2
ATP6V1H
AZIN1
BNIP3L
BRF2
C8ORF76
CA2
CALB1
CCNE2
CEBD
CLU
COX6C
CRH
CTSB
CYC1
CYP7B1
DEFB1
DGAT1
DOCK5
DPYSL2
DUSP4
EGR3
EIF4EBP1
ENPP2
EPHX2

EPPK1
FABP4
FABP5
FAM110B
FAM84B
FDFT1
FGFR1
FZD6
GNRH1
GPR20
GRINA
GSR
GTF2E2
INTS10
KCNU1
KCNV1
KHDRBS3
KLF10
LACTB2
LEPROTL1
LONRF1
LPL
LY6E
MATN2
MCM4
MMP16
MTMR9
MYC
MYOM2
NACAP1
NAT1
NAT2
NCALD
NCOA2
NDRG1
NDUFB9
NKX3-1

NUDT18
OSR2
PABPC1
PAG1
PLAT
PNOC
POLR3D
POP1
PPAPDC1B
PPP2CB
PPP2R2A
PSCA
PUF60
RAB11FIP1
RAB2A
RAD21
RAD54B
RECQL4
RIMS2
RPL30
RPL8
RPS20
SDCBP
SFRP1
SFTPC
SGK3
SNAI2
SPAG11B
SQLE
ST3GAL1
STAR
STK3
TCEB1
TERF1
TMEM65
TNFRSF11B
TPD52

TRAM1
TRIB1
TRPS1
TSTA3
TTPA
UBXN8
YWHAZ
ZBTB10
ZC3H3
ZFHX4
ZNF395
ABCB4
ACHE
ACTB
ACTR3B
AGR2
AHR
AKAP9
AKR1D1
AQP1
ARPC1B
ASB10
ATXN7L1
AZGP1
BET1
C7ORF43
CALCR
CALD1
CALU
CAPZA2
CASP2
CAV2
CD36
CDK6
CHCHD2
CLCN1
CLDN12

CLDN3

COBL

COL1A2

CPA4

CREB3L2

CRHR2

CROT

CUX1

CYCS

CYP3A5

DDC

DLD

DNAJB9

DOCK4

DPP6

EGFR

ELN

ETV1

FAM115A

FASTK

FIS1

FSCN1

FZD1

GAL3ST4

GLI3

GPNMB

GRB10

GUSB

HIBADH

HIPK2

HOXA10

HOXA13

HOXA2

HOXA5

HOXA9

HSPB1

IFRD1

IGFBP1
IGFBP3
IL6
INHBA
INMT
INSIG1
ITGB8
KDELR2
LEP
LIMK1
LRCH4
MCM7
MDH2
MET
MGC27345
MKLN1
MRPS33
NAMPT
NDUFA5
NDUFB2
NPY
NRF1
PCOLCE
PDIA4
PEG10
PIP
PON1
PPIA
PRKAR2B
PTN
PURB
RAC1
RAMP3
RPA3
SEC61G
SEMA3C
SERPINE1

SFRP4
SHH
SKAP2
SLC4A2
SMARCD3
SND1
ST7
STAG3
STEAP2
STEAP4
TARP
TBRG4
TES
TFPI2
TMED4
TRA2A
TRPV6
TWIST1
WBSCR28
WIPF3
XRCC2
YWHAG
ZNF117
ZNF273
ZNF680
ZNF862
ZNRF2
ACAT2
AIM1
AKAP12
AMD1
ANKRD6
ATXN1
BACH2
BAK1
BCKDHB
C6ORF201

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CDYL
CITED2
CRIP3
CRISP1
CRISP3
CTGF
DEF6
DLL1
DOPEY1
DSE
DSP
DST
DYNLT1
ECHDC1
EDN1
EEF1A1
EEF1E1
ELOVL5
ENPP1
ENPP5
EPB41L2
ESR1
EZR
F13A1
FABP7
FANCE
FKBP5
FKBPL
FOXC1
FOXQ1
GLO1
GMDS
GPR115
GPR126
GSTA3

GTF3C6
GTPBP2
HEBP2
HIST1H1C
HIST1H3J
HLA-C
HSP90AB1
ID4
IFNGR1
ITPR3
LAMA4
MAP7
MAPK14
MARCKS
MAS1
ME1
MOCS1
MRPL14
NRN1
NT5DC1
NT5E
PBOV1
PDCD2
PEX6
PGC
PGM3
PIM1
PKIB
PLA2G7
PLAGL1
PNRC1
PPARD
PREP
PRL
PSMB1
PTP4A1
SEC63

SERINC1
SESN1
SGK1
SLC22A2
SLC22A3
SLC22A7
SLC29A1
SLC35F1
SNAP91
SOD2
SPDEF
SSR1
STX7
TBC1D22B
TDRG1
TJAP1
TNFAIP3
TPD52L1
TPMT
TRDN
TUBB2A
TUBB2B
TULP4
UBE2J1
UST
VEGFA
VTA1
ZDHHC14
ABLIM3
ADRA1B
ADRB2
ANKH
ANXA6
AP3S1
ARHGAP26
ARRDC3
CANX

CARTPT

CAST

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CCNG1

CCNO

CD14

CD180

CD74

CDO1

CLTB

CNOT8

COX7C

CPEB4

CRHBP

CSNK1A1

CTNND2

CYFIP2

DHFR

DNAH5

DUSP1

EFNA5

EGR1

ELL2

ELOVL7

EPB41L4A

ERCC8

F2R

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FBXL7

FGF1

FGF10

FGF18

FST

FYB

GABRA1

GFRA3

GHR

GM2A
GOLPH3
GPX3
GPX8
GRIA1
GZMA
HARS2
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HMGCS1
HMMR
HOMER1
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HSPA9
HTR1A
IL12B
IL5
IQGAP2
IRF1
ISOC1
ITGA2
KCNN2
KIAA0141
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LMAN2
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MXD3
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NR3C1
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PLK2
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PPIC
PPP2CA
PRLR
PTGER4
PTTG1
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RAD50
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REEP5
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SEMA5A
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SLC26A2
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SSBP2
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TICAM2
TMEM173
TNFAIP8
TRIM23
TRIO
UBE2B
UBLCP1
VCAN
WWC1
ZCCHC9
ZFR
ABCE1
ACSL1
ADRA2C
AFF1
ALB
ANAPC10
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ANTXR2
ANXA3
AREG
ART3
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BMPR1B

C4ORF19

CASP3

CASP6

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CCNG2

CCNI

CISD2

CLCN3

CORIN

CPE

CTBP1

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CXCL10

CXCL2

CXCL3

CYP2U1

DKK2

EGF

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EPGN

EREG

FAM184B

FBXW7

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FGFR3

FGG

FHDC1

FIP1L1

G3BP2

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GRSF1

GUCY1A3

H2AFZ

HERC3

HERC6

HOPX
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INPP4B
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LAP3
LEF1
LIMCH1
LNX1
LRBA
LSM6
MAP9
MED28
MRFAP1
MTNR1A
MYOZ2
NFKB1
NMU
NPY1R
PALLD
PDE5A
PDGFRA
PDLIM5
PF4
PGM2
PKD2
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PLK4
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RAB33B
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SNX25
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SULT1E1
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TLR2
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TMEM33
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UGT2B11
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UGT2B28
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USP38
VEGFC
WDR19
WWC2
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ACAA1
ACPP

ACY1
ADIPOQ
AGTR1
AHSG
ALAS1
ALCAM
ANAPC13
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ARHGEF3
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ATP1B3
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BDH1
BTD
C3ORF58
CACNA1D
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CAV3
CCDC80
CCNL1
CD86
CDC25A
CEP70
CHL1
CHST2
CIDE C
CLDN11
CLEC3B
CNOT10
COX17
CPOX
CSPG5
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DCBLD2

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EIF4G1
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GNAI2
GNAT1
GPX1
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IL1RAP
IMPDH2
ITPR1
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KPNA1
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LRRFIP2
LRRN1
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MLF1
MME
MUSTN1
NAT6
NGLY1
NISCH

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PDIA5
PDZRN3
PFN2
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PLXND1
PPARG
PRKCD
PSMD6
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PTPRG
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RPSA
RYBP
SCAP
SEC13
SEC22C
SEC61A1
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SEMA3G

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SERPINI1

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SLC33A1

SLC41A3

SLCO2A1

SMARCC1

SNRK

SPINK8

SRPRB

SSR3

SST

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TGM4

THRB

TIMP4

TIPARP

TKT

TM4SF1

TNK2

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TRAIP

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UBA5

UBE2E1

VIPR1

XPC

ACADL

ACSL3

ACTG2

ACTR2

ACTR3

ACVR1

ACYP2

ADI1

AGPS

ALPI
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ANO7
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ARL4C
ARPC2
ASAP2
ATAD2B
BARD1
BIN1
BZW1
CAD
CASP10
CASP8
CCNT2
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CFLAR
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COL5A2
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COQ10B
CREB1
CYBRD1
CYP27A1
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DNAJC10
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EPAS1
EPHA4

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GPD2

GPR1

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GREB1

GRHL1

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HOXD13

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IGFBP5

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IL1B

IL1R1

IL1R2

INHBB

INPP1

IRS1

ITGAV

KHK

KIF3C

KIF5C

KRCC1

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LCT

LHCGR

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MBOAT2
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MCM6
MERTK
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MRPL30
MRPL33
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MTHFD2
MYL1
MYO1B
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NCOA1
NEU2
NR4A2
NRP2
OBSL1
ODC1
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PDIA6
PHOSPHO2
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PLEKHB2
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REEP1
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SLC9A2
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SP140
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SUCLG1
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UPP2
XIRP2
XPO1
ZEB2
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ACOT7
ACP6
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ACTN2
ADIPOR1
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AGTRAP
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ALPL
AMPD1
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ANXA9
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ARNT
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ATP1B1

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CAPZB
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CDC42
CDKN2C
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CHI3L1
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CLK2
CLSTN1
CNKSR1
CPT2
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CREB3L4
CSF3R
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CTSK
CYP4B1
CYR61
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LRRC39
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MTX1
MUC1
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MYOG
NAV1
NBL1
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NCF2
NDUFS2
NENF
NFIA
NGF
NID1
NMNAT2
NPR1
NUDC
OBSCN
OMA1
PAQR7
PARK7

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PMVK
POU2F1
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PRELP
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PROK1
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PSMB2
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PTGS2
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REG4
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RGS5

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S100A9
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SNX7
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UQCRH
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VTCN1
WNT4
XCL1
YARS
YRDC
ZBTB7B