

Liste of Upregulated genes in common to SKBR3 and AU565

LBP
S100A7
TGM2
CP
S100A7A
SERPINA3
LCN2
MUC4
STEAP4
NNMT
CSF3R
ICAM1
PIGR
PDZK1IP1
SLC28A3
FAM83A
S100A8
CAMP
SOCS3
SAA1
CES1
RARRES3
PTGS1
C1S
CNDP1
LYPD5
SAA2
FGA
C2CD4A
C10orf10
PHLDB2
MUC20
PRDM1
IL22RA2
IFITM1
AKR1B10
GPR97
C1R
TMC5
A4GALT
B3GNT7
CASP10
LRG1
SORBS1
CYP4F11

PARP9
MAN1A1
PLEKHS1
APOL1
ELOVL3
CTSS
HPX
CASP1
PROM1
CHI3L1
BHLHE40
NFE2
LGALS9
UCA1
IL1R1
CD36
PLIN5
GDPD1
AKR1B15
IFITM3
GBP2
ABCA1
CD14
FMO3
APOL6
SLC7A2
UBE2L6
HCAR2
CLCA2
TNFRSF14
KLHDC7B
PARP14
MMP13
TRIM22
NLRC5
PTPRE
COL27A1
BST2
RASL11A
C19orf66
C1RL
HPGD
MRVI1
TEAD2
FGL1
A2M

SUSD3
GSDMC
NTN4
ITGB2-AS1
NFAM1
DTX3L
TRANK1
CASP14
CLEC7A
FAM78A
CHRD
TMEM173
CEBPD
UBA7
ACOX2
GBP3
STAT5A
LOC100133669
KCNK3
LOC284751
HAPLN3
ARL4D
LINC00673
PDGFRL
PRKAR2B
FUT2
TMPRSS4
WNT4
GPR110
VLDLR
TFPI2
HES2
GUCY1B3
GLYATL2
PDK4
SLC2A10
SLFN5
CSF1
C1QTNF1
TLR5
ERAP2
DHRS3
HSD17B14
PCSK6
GGT5
BATF2

DDX60
DTX4
SLC16A5
GBP1
CYP4Z1
FUT3
CARD6
NFKBIZ
VWA2
IRF1
FAM131B
SOX9
CASP4
GLRX
HERC6
FHL2
SGK1
EPHB2
ARAP3
TRIB1
DUSP27
DNAH17
SLC12A4
FTH1
BPIFB1
TAPBPL
ITGB6
KSR1
MXRA5
PPAP2C
RAC2
EYA2
ITGB2
STAC2
DAPK2
C1orf228
MCF2L
IL1R2
GPR37L1
SLC1A6
MSMB
ADM
IRF9
TCHHL1
ST6GAL1
PPP1R1B

NRG2
RORC
SERPINB1
NCOA7
GPRC5B
SLC43A2
SLC35C1
RIN3
INSR
CATSPERB
ST5
BCL6
FAM198A
SNAI1
PCDH20
SERPINA1
ACTBL2
TTC39B
ATP2B4
SLC6A6
PARP10
YPEL2
SEMA4B
NAALADL2
ZSWIM4
CCL2
CADPS2
UBASH3B
DHX58
LOC100129550
MDK
PSMB10
DLL4
VWA1
TMEM2
APOD
ABCC4
BTN3A1
RAPGEF3
ABCA4
HOMER3
DDR2
CSTA
ZNF117
ORAI2
DPYD

IFI35
DAB2
PGM2L1
TSKU
BMF
CEACAM6
SIPA1
TLE6
DDIT4
RCN1
BIN1
WDR91
LOXL2
GPRC5A
NINL
PANX2
SHROOM1
FGD3
PLEKHG7
MSRB1
INPP4B
TCHH
SH3TC1
SOX4
DUSP10
IL2RB
GYG2
PFKFB3
FOLR1
TUBB3
SUSD4
TLE2
C14orf182
MAP3K8
RHBDL2
PLA2G4F
TLCD2
ARHGDIB
CEBPB
TP53INP1
CD68
NPAS2
ELK3
PCDH1
MUC1
EPDR1

MZB1
DNAH5
LOC100506810
AFAP1L2
ERV3-1
MYLK
UGCG
PTGES
VWA5A
CYP4X1
CDRT4
ETV7
CTGF
SCCPDH
SNX33
ETV6
WISP1
ITPR1
SAMD9
HDAC7
KITLG
LRRC8C
TNFAIP8
RPGRIP1
MICAL1
ATHL1
ARRDC3
RNF24
MTHFR
TRIM38
ERP27
MVP
ALPK1
JUNB
SYTL2
AARD
TMEM45A
TPST1
B4GALT5
SAMD12
GADD45B
IFITM2
DDIT4L
IL15
PTPRH
CCDC146

PLCL2
PLEKHG2
TRIM6
PLD1
MAPK13
ZCCHC24
PRSS22
TSPAN15
AUTS2
BCL3
CDH5
RUNX1
FAIM3
C9orf84
EFNA5
CCR7
ZNF703
XYLT1
IL13RA1
SLCO2A1
GALNT16
ELF3
CAPN13
MAST4
SDCBP
MYO18A
NCF4
CLINT1
GIPR
RIT1
C1orf226
RHOBTB1
ACPP
NRP1
STAT3
CNP
SIX5
TH
HIF1A
FNDC3B
FLJ45445
PLSCR1
GFOD2
IRF7
ITGAL
SLC16A4

ADORA1
TSPAN3
TCP11L2
DLGAP1-AS1
SLC34A3

Liste of Unaffected genes in common to SKBR3 and AU565

AAGAB
AAMP
AAR2
AARS
AARS2
AASDH
ABCD3
ABCF1
ABCF3
ABHD11
ABHD13
ABHD16A
ABHD3
ABHD5
ACAD10
ACAD11
ACADVL
ACAP2
ACIN1
ACOT13
ACOT9
ACP6
ACSF3
ACTR10
ACTR1A
ACTR1B
ACTR2
ACTR3
ACTR3B
ACTR6
ACVR1B
ACVR2A
ADAM3A
ADAM5
ADAMDEC1
ADAT1
ADCK1

ADCYAP1
ADD1
ADH1A
ADH5
ADNP
ADNP2
ADO
ADSS
AFG3L1P
AGAP11
AGER
AGGF1
AGL
AGO1
AGPAT6
AHCYL1
AHCYL2
AHI1
AHNAK
AIF1
AK3
AKAP10
AKAP11
AKAP8L
AKIRIN2
AKT2
ALAD
ALAS1
ALDH18A1
ALDH2
ALDH9A1
ALG1
ALG13
ALG1L2
ALG3
ALG5
ALG9
ALKBH4
ALKBH5
AMMECR1
AMY1B
AMZ2P1
ANAPC16
ANAPC2
ANGEL1
ANGEL2

ANKEF1
ANKFY1
ANKIB1
ANKLE2
ANKRD13C
ANKRD17
ANKRD20A1
ANKRD20A2
ANKRD20A3
ANKRD26
ANKRD40
ANKRD52
ANP32A
ANXA2P2
ANXA5
ANXA7
AP1AR
AP2M1
AP3M1
AP4B1
AP4E1
AP4M1
AP5M1
APBB2
APC
APEX2
APH1A
API5
APLP2
APOC4
APOM
APOOL
APPL1
AQR
ARAF
ARFGAP2
ARFIP1
ARFIP2
ARFRP1
ARHGAP1
ARHGAP8
ARHGEF2
ARHGEF7
ARHGEF9
ARID1B
ARID2

ARIH1
ARIH2
ARL16
ARL3
ARL5A
ARL6IP4
ARL6IP5
ARMC8
ARPC1A
ARPC2
ARPC4
ARPC5
ARPC5L
ARPP19
ASB1
ASB18
ASB8
ASCC2
ASIC3
ASNSD1
ASTE1
ASXL1
ATAD2B
ATAT1
ATE1
ATF1
ATF2
ATF5
ATF6B
ATG12
ATG2B
ATG4B
ATIC
ATP11B
ATP13A3
ATP1A1
ATP1B4
ATP2B1
ATP5SL
ATP6AP2
ATP6V1A
ATP6V1B2
ATP6V1D
ATP6V1G2
ATPAF2
ATXN10

ATXN1L
ATXN2
ATXN7
AUH
AUP1
AVEN
AVP
AZU1
B3GALT4
B4GALT3
BABAM1
BAG3
BAG5
BAG6
BAK1
BANF2
BAP1
BBS1
BBS10
BBS4
BBS9
BCAP29
BCAP31
BCAR3
BCAS2
BCKDK
BCL2L11
BCL2L13
BCL2L2
BCL7B
BCYRN1
BECN1
BIRC2
BLCAP
BLMH
BLOC1S5
BLOC1S6
BLVRB
BLZF1
BMPR1A
BMS1
BMX
BNIP2
BPGM
BRAP
BRCC3

BRD7
BRD9
BRF2
BRK1
BRPF1
BRWD1
BSG
BSPH1
BSX
BTAF1
BTBD9
BTNL2
C10orf32
C10orf35
C10orf53
C10orf76
C10orf88
C11orf30
C11orf40
C11orf49
C11orf57
C11orf58
C12orf29
C12orf39
C15orf40
C15orf43
C16orf92
C17orf105
C17orf50
C17orf80
C17orf85
C18orf21
C18orf25
C18orf8
C19orf52
C1orf112
C1orf146
C1orf172
C1orf27
C1orf43
C1orf50
C1orf52
C1orf74
C2
C21orf54
C22orf29

C22orf39
C2orf27B
C2orf42
C2orf47
C2orf68
C2orf80
C3orf17
C3orf38
C3orf62
C3orf79
C4A
C4B
C4orf29
C4orf51
C5orf22
C5orf24
C5orf51
C5orf52
C5orf55
C6orf10
C6orf106
C6orf120
C6orf132
C6orf136
C6orf15
C6orf211
C6orf25
C6orf47
C6orf48
C6orf89
C7orf13
C7orf26
C7orf66
C8orf33
C9orf156
C9orf69
CAAP1
CAB39
CABLES2
CABP5
CACTIN
CAMKK2
CAMLG
CAMSAP1
CAMSAP2
CAMTA1

CAPN10
CAPN5
CAPN7
CAPRIN1
CAPRIN2
CAPZA1
CAPZA2
CAPZB
CARM1
CARS
CASK
CBFB
CBLL1
CBX1
CBX7
CCAR1
CCDC117
CCDC12
CCDC132
CCDC137
CCDC167
CCDC174
CCDC23
CCDC25
CCDC47
CCDC6
CCL1
CCL11
CCL16
CCL18
CCL19
CCL21
CCL24
CCL3L3
CCL4L1
CCL7
CCND3
CCNE1
CCNG1
CCNI
CCNK
CCNT1
CCNT2
CCNYL1
CD151
CD164

CD2AP
CD2BP2
CD58
CD82
CDAN1
CDC16
CDC23
CDC27
CDC37
CDC37L1
CDC40
CDC5L
CDC73
CDK12
CDK16
CDK17
CDK7
CDK8
CDKN1B
CDSN
CDYL
CEBPG
CELF1
CEP135
CEP192
CEP41
CEP44
CEP57
CEP63
CEP85
CEPT1
CERCAM
CERS5
CFC1B
CFL1
CGB1
CGB2
CGB5
CGGBP1
CGRRF1
CHCHD2
CHD1
CHD4
CHERP
CHMP2B
CHMP3

CHMP4B
CHMP7
CHODL-AS1
CHRAC1
CHSY1
CHTF8
CHTOP
CHUK
CHURC1
CIRBP
CISD2
CLASP2
CLASRP
CLC
CLCC1
CLCN3
CLDN15
CLDN22
CLDN7
CLDND1
CLEC2A
CLEC4E
CLIC1
CLIP1
CLK4
CLN8
CLP1
CLPP
CLPTM1
CLPTM1L
CLPX
CLSTN1
CLTA
CLTC
CMAS
CMPK1
CNBP
CNEP1R1
CNNM3
CNOT1
CNOT11
CNOT2
CNOT4
CNOT6
CNOT7
CNPY2

CNPY3
COA3
COA4
COA5
COG1
COG2
COG5
COG7
COG8
COIL
COL11A2
COL4A3BP
COPG2
COPS2
COPS5
COPS6
COPS7B
COPZ1
COQ4
COX14
COX15
COX19
COX8C
CPEB3
CPLX3
CPNE1
CPNE3
CPSF2
CPSF3
CPSF4
CPSF6
CPSF7
CRCP
CREB1
CREBL2
CREBZF
CREM
CRK
CRLF3
CROCCP2
CRTAP
CRYGB
CRYZL1
CSAG1
CSDE1
CSGALNACT2

CSH1
CSN1S2BP
CSNK1A1
CSNK1D
CSNK2A1
CSNK2A2
CSNK2A3
CSNK2B
CST13P
CSTF1
CT45A1
CT45A6
CT47A1
CT47A6
CTBP1
CTCF
CTDNEP1
CTNNA1
CTR9
CTSL3P
CUL1
CUL2
CUL3
CUL4A
CUL4B
CUL5
CUTA
CWC22
CWC25
CXorf23
CXorf38
CXorf40A
CXorf40B
CXorf56
CXXC1
CYB561
CYHR1
CYMP
CYP20A1
CYP21A2
CYP2U1
DAAM1
DAD1
DAG1
DAGLB
DAP3

DAPK3
DARS
DAZAP1
DBT
DCAF10
DCAF11
DCAF15
DCAF4
DCAF7
DCAF8
DCD
DCP2
DCTD
DCTN2
DCTN4
DCTN5
DCTN6
DCUN1D1
DDA1
DDAH2
DDB1
DDHD1
DDR1
DDRKG1
DDX19B
DDX23
DDX24
DDX28
DDX39B
DDX42
DDX47
DDX5
DDX59
DDX6
DECR1
DEFA10P
DEFA1B
DEFA3
DEFA4
DEFA6
DEFB104B
DEFB105A
DEFB108B
DEFB113
DEFB115
DEFB116

DEFB122
DEFB123
DEFB124
DEFB131
DEFB133
DEFB134
DEFB135
DEFB136
DENND1B
DENND1C
DENND5A
DENND6A
DERA
DET1
DEXI
DGAT1
DGAT2L6
DGCR8
DGUOK
DHPS
DHX16
DHX29
DHX37
DHX38
DHX40
DIABLO
DIAPH1
DICER1
DIP2A
DIP2B
DIS3
DKFZp434L192
DKFZp566F0947
DKFZP586I1420
DLG1
DMAP1
DNAI2
DNAJA1
DNAJA2
DNAJB12
DNAJB4
DNAJC13
DNAJC15
DNAJC25
DNAJC27
DNAJC4

DNAJC5G
DNAJC8
DNAL4
DNASE1
DND1
DNPEP
DOCK3
DOCK9
DPAGT1
DPCR1
DPF2
DPM2
DPM3
DPY19L3
DPY19L4
DPY30
DRG2
DROSHA
DSCR3
DSP
DST
DSTYK
DTNB
DUSP11
DUSP12
DUSP3
DVL3
DYNC1LI1
DYNLL2
DYNLRB1
DYNLT1
DYRK1A
E2F4
E2F6
EAF1
EAPP
EBPL
ECI1
EDC3
EDF1
EED
EFCAB1
EFCAB2
EFCAB7
EFHD2
EFR3B

EFTUD2
EGFL8
EHBP1
EHF
EHMT1
EHMT2
EIF1AD
EIF1B
EIF2A
EIF2AK1
EIF2AK4
EIF2B5
EIF3A
EIF3G
EIF3I
EIF4A1
EIF4A2
EIF4E2
EIF4EBP2
EIF4ENIF1
EIF4G1
EIF4G2
EIF4H
EIF5
EIF5B
ELAC1
ELAVL1
ELF2
ELK1
ELMOD2
ELP3
ELP4
ELP5
ELSPBP1
EMC1
EMC3
EMC4
EMX2OS
ENTPD6
EPB41L5
EPCAM
EPHB3
EPM2AIP1
EPN2
EPS15
EPS8L1

EPS8L2
ERCC1
ERCC3
ERCC6
ERGIC3
ESCO1
ESRP1
ESYT2
ETAA1
ETF1
ETNK1
EWSR1
EXOC1
EXOC2
EXOC5
EXOC8
EXOSC1
EXT2
EXTL3
EYA3
F11R
FABP9
FADD
FAHD1
FAM104A
FAM114A2
FAM115A
FAM117B
FAM118A
FAM120A
FAM120B
FAM124A
FAM134A
FAM135A
FAM138B
FAM13B
FAM149B1
FAM153B
FAM159A
FAM160A2
FAM163B
FAM173B
FAM175B
FAM178A
FAM189B
FAM193A

FAM195B
FAM197Y2
FAM199X
FAM19A1
FAM206A
FAM208A
FAM217B
FAM219B
FAM32A
FAM49B
FAM50A
FAM53C
FAM73A
FAM76B
FAM83H
FAM8A1
FAM96A
FAM98A
FAM99A
FASTK
FASTKD3
FASTKD5
FBRSL1
FBXL17
FBXO11
FBXO18
FBXO21
FBXO22
FBXO3
FBXO30
FBXO31
FBXO33
FBXO38
FBXO42
FBXO7
FBXW4
FBXW7
FEM1C
FERMT3
FGF16
FHDC1
FIP1L1
FKBP14
FKBPL
FLII
FLJ10038

FLJ31306
FLJ46361
FLOT1
FMR1
FNBP1L
FNBP4
FNTA
FOXJ2
FOXK2
FOXN3-AS2
FPGS
FRAT2
FRG1B
FRG2
FRG2C
FRS2
FRYL
FTO
FUBP3
FUCA2
FUK
FUNDC1
FUNDC2
FUT1
FUZ
FXR1
FYCO1
FYTTD1
FZD3
G3BP1
G3BP2
GABBR1
GABPA
GAGE10
GAGE12G
GAGE2A
GAGE2C
GAGE2D
GAGE2E
GAGE5
GALE
GALK2
GALNT3
GALT
GAN
GAPDH

GAPVD1
GAS2L1
GATAD2A
GATAD2B
GATC
GBE1
GCA
GCDH
GCH1
GCLC
GDI1
GEMIN7
GFER
GFM2
GGA1
GGA2
GGH
GGNBP2
GGPS1
GHDC
GHITM
GHRH
GID8
GIGYF2
GIN1
GINM1
GIP
GIT2
GK5
GLA
GLTSCR1L
GLUL
GLYR1
GMPR2
GNA12
GNA13
GNAI3
GNB1
GNB2L1
GNG5
GNG8
GNL1
GNL3
GOLGA4
GOLGA7
GOPC

GORASP1
GOSR1
GPANK1
GPATCH1
GPATCH3
GPATCH8
GPBP1
GPBP1L1
GPD1L
GPI
GPKOW
GPR180
GPSM3
GPT2
GPX5
GRB2
GRP
GRSF1
GSC2
GSE1
GSK3A
GSPT1
GSS
GSTO1
GSTTP2
GTF2E2
GTF2H1
GTF2H3
GTF2H4
GTF3C2
GTF3C4
GUCA2B
GXYLT1
GYG1
GYPB
GYS1
GZF1
GZMK
H3F3B
HACE1
HAGH
HAR1B
HARS
HARS2
HAUS6
HCG18

HCG22
HCG26
HCG27
HCG4
HCG9
HCP5
HDAC1
HDAC3
HDAC8
HDHD2
HEATR3
HEATR5B
HEATR6
HEBP2
HECTD1
HELQ
HERC2
HES3
HEXB
HHATL
HIATL1
HIF1AN
HIGD1A
HIGD1C
HIGD2A
HIPK1
HIRA
HIST2H2AA3
HKR1
HLA-DMB
HLA-DOA
HLA-DOB
HLA-DPA1
HLA-DPB1
HLA-DPB2
HLA-DQA2
HLA-DQB2
HLA-DRA
HLA-DRB6
HLA-F
HLA-G
HLA-J
HLA-L
HLCS
HMGXB4
HNRNPA0

HNRNPF
HNRNPK
HNRNPUL1
HOOK3
HOXD11
HP1BP3
HPS4
HPS6
HPVC1
HPYR1
HS2ST1
HSBP1
HSD17B12
HSD17B8
HSF1
HSFX2
HSPA1A
HSPA1L
HTATSF1
HTN3
HTRA2
HTT
HUS1
HYALP1
IDE
IDH3G
IER3IP1
IFFO2
IFI30
IFIH1
IFITM4P
IFT20
IFT52
IFT80
IFT81
IFT88
IK
IKZF5
IL22
IL26
IL36B
IL9
ILF2
ILF3
IMPAD1
ING1

ING3
INPP4A
INPP5E
INPP5K
INTS10
INTS4
INTS5
INTS7
INTS8
INVS
IP6K1
IQCB1
IQCG
IREB2
ISCA2
ISOC2
IST1
ITCH
ITFG2
ITFG3
ITGAV
ITPA
JKAMP
JMJD7
JMJD8
JOSD1
KANSL1L
KANSL2
KANSL3
KAT2A
KAT5
KAT7
KAT8
KATNB1
KATNBL1
KBTBD2
KBTBD7
KCMF1
KCNJ14
KCNN4
KCNQ1DN
KCTD18
KCTD2
KDM1A
KDM2A
KEAP1

KHDRBS1
KHDRBS2
KHSRP
KIAA0040
KIAA0100
KIAA0141
KIAA0196
KIAA0368
KIAA0895L
KIAA1033
KIAA1147
KIAA1191
KIAA1279
KIAA1324L
KIAA1467
KIAA1598
KIAA1715
KIAA1841
KIAA2013
KIDINS220
KIF16B
KIF3B
KIF5B
KIFAP3
KIFC1
KIFC2
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