

Supplementary Table S2. Genes whose induction (or repression) by E2 is inhibited (or re-repressed) by 1.

Genes upregulated by E2 >2-fold and downregulated by 1 >2-fold

SPINK4
ACOX2
OLFM1
SLC6A14
FLT4
GRIK3
FHL2
JPH2
MGP
RERG
HINT1
ACER3
AC034193.1
CLSTN2
APOD
MAPK9
OSGIN1
C9orf46
TAB1
ETNK2
AC005077.9
ACOT7
OLFML3
RP13-582O9.5
SERPINA1
VEPH1
EIF2B3
DDX10
WT1
TFF1
PDZK1P2
RP11-1018J8.2
DOK7
PDZK1P1
PDZK1
TFF3

MYEOV
SUSD3
AC126407.1
THSD4
U6.694
SERPINA6
RP11-206M11.7

Genes downregulated by E2 >2-fold and upregulated by 1 >2-fold

TGFB2
snoU13.267
5S_rRNA.486
NDRG1
hsa-mir-1977.1
J01415.10
AC114498.3
DUSP1
CALD1
BAMBI
TXNIP
IL1R1
HES1
PDP1
OSR2
AMIGO2
AC064874.2
SLC25A29
SELENBP1
TUFT1
TP53INP1
HIST1H3D
RP11-466C23.3
OPLAH
GPRC5A
MEGF6
SOX4

J01415.4
PSD4
AC022007.5
CCNG2
HIST2H4A
HIST2H4B
TMEM44
MB
ZNF251
AC010487.1
LYPD3
PNRC1
MTUS1
HIST1H2BD
LPIN3
MTRNR2L2
GABBR1
ABCC5
BX322557.10
KLHL24
CLK4
GABARAPL1
FAM193B
GRB7
RP5-857K21.14
AC044860.2
ANKRD10
C9orf3
SCARNA17
PLXNA1
JDP2
HDAC10
PABPC1L
AMOTL2
ZMIZ2
LZTR1
ESPN
RC3H1
J01415.19
TSPYL2
ENGASE

PPAPDC1B
J01415.24
AC005261.1
UPK2
AQP3
5_8S_rRNA.6
AL132988.3
RP11-383C5.4
RASL11B
CDC42EP3
ELF3
U6.1189
RP5-1174J21.1
snoU2_19.4
HIST1H2AD
snoU13.458
AC136698.1
RP11-539L10.3
ARRDC3
MTRNR2L9
J01415.1
AL593851.1
RALGDS
PTPRU
ATHL1
CC2D1B
CASP4