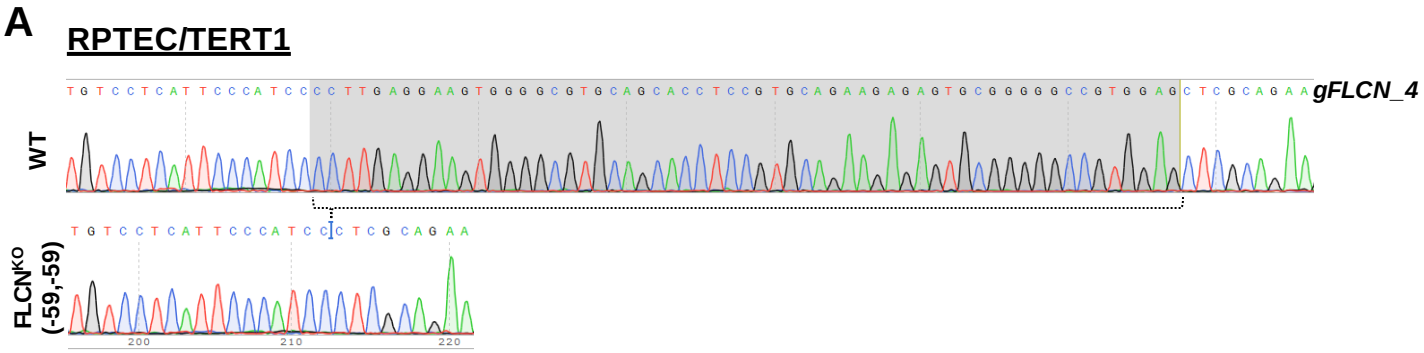
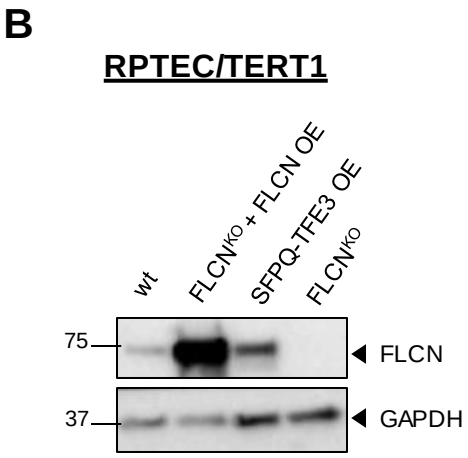
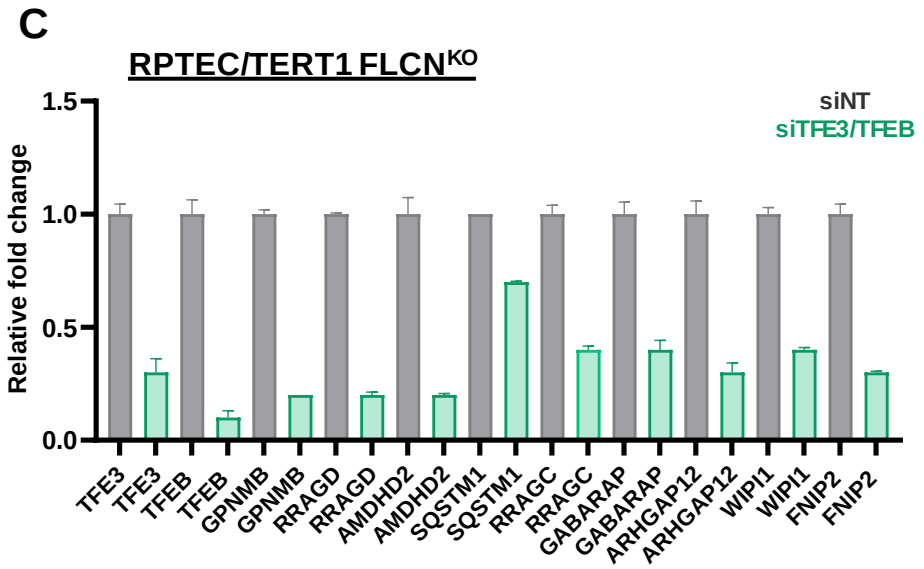
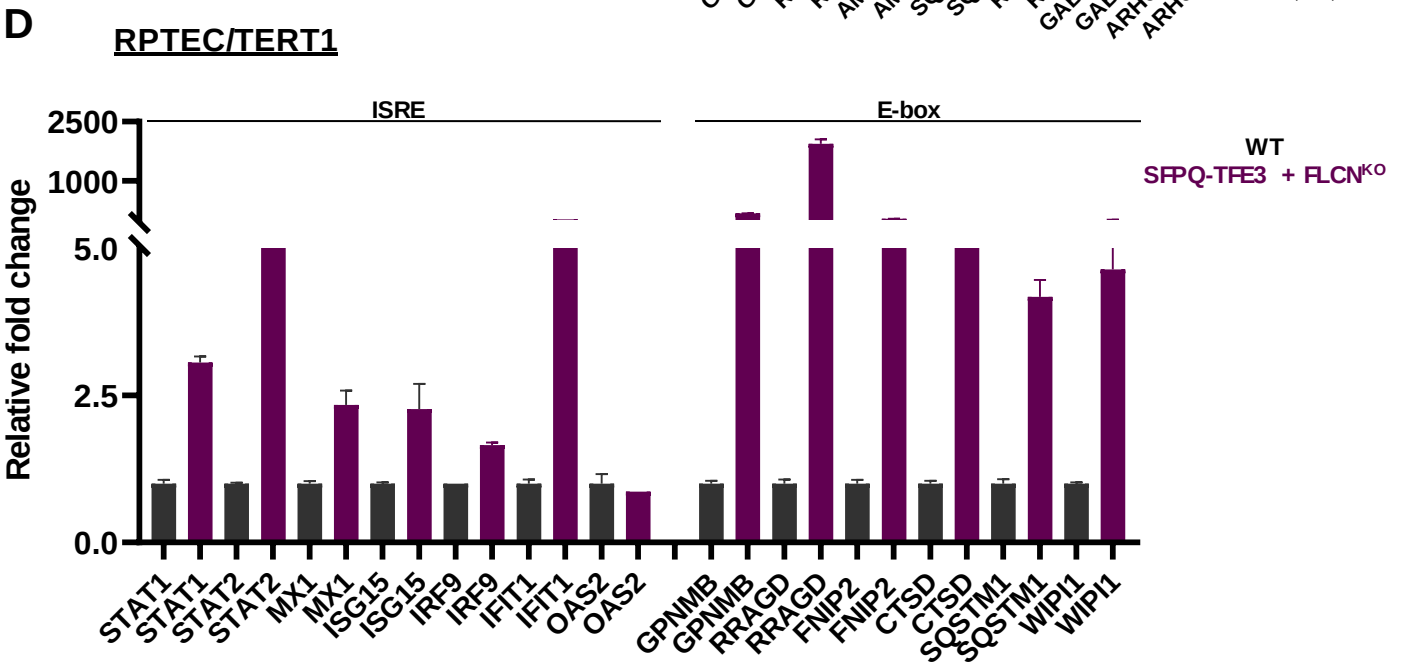
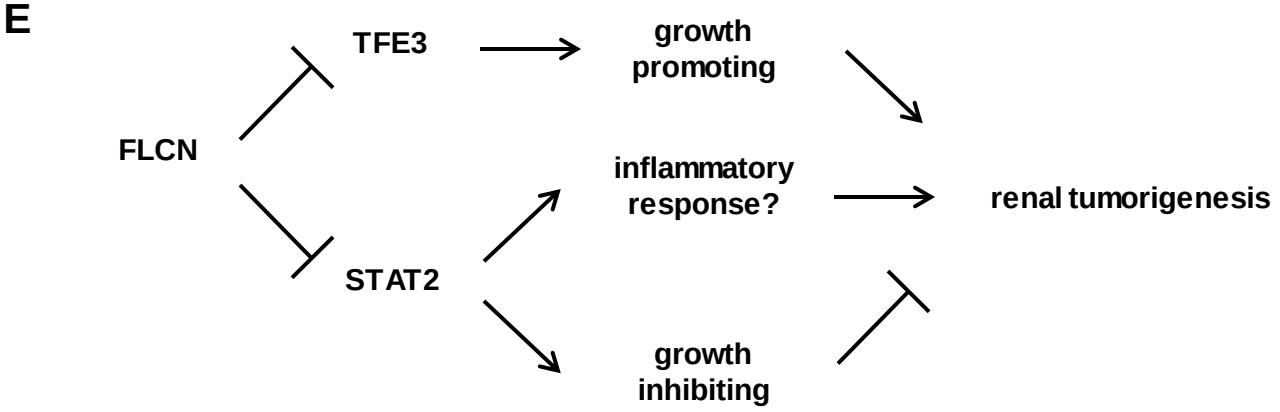

A
RPTEC/TERT1
gFLCN_4
WT
FLCN^KO (-59,-59)
200
210
220


B
RPTEC/TERT1
wt
FLCN^KO + FLCN OE
SFPQ-TFE3 OE
FLCN^KO
75
37
FLCN
GAPDH


C
RPTEC/TERT1 FLCN^KO
siNT
siTFE3/TFEB
Relative fold change
1.5
1.0
0.5
0.0
TFE3
TFE3
TFEB
TFEB
GPNMB
GPNMB
RRAGD
RRAGD
AMDHD2
AMDHD2
SQSTM1
SQSTM1
RRAGC
RRAGC
GABARAP
GABARAP
ARHGAP12
ARHGAP12
WIPI1
WIPI1
FNIP2
FNIP2


D
RPTEC/TERT1
ISRE
E-box
WT
SFPQ-TFE3 + FLCN^KO
Relative fold change
2500
1000
5.0
2.5
0.0
STAT1
STAT1
STAT2
STAT2
MX1
MX1
ISG15
ISG15
IRF9
IRF9
IFIT1
IFIT1
OAS2
OAS2
GPNMB
GPNMB
RRAGD
RRAGD
FNIP2
FNIP2
CTSD
CTSD
SQSTM1
SQSTM1
WIPI1
WIPI1


E
FLCN
TFE3
STAT2
growth promoting
inflammatory response?
growth inhibiting
renal tumorigenesis