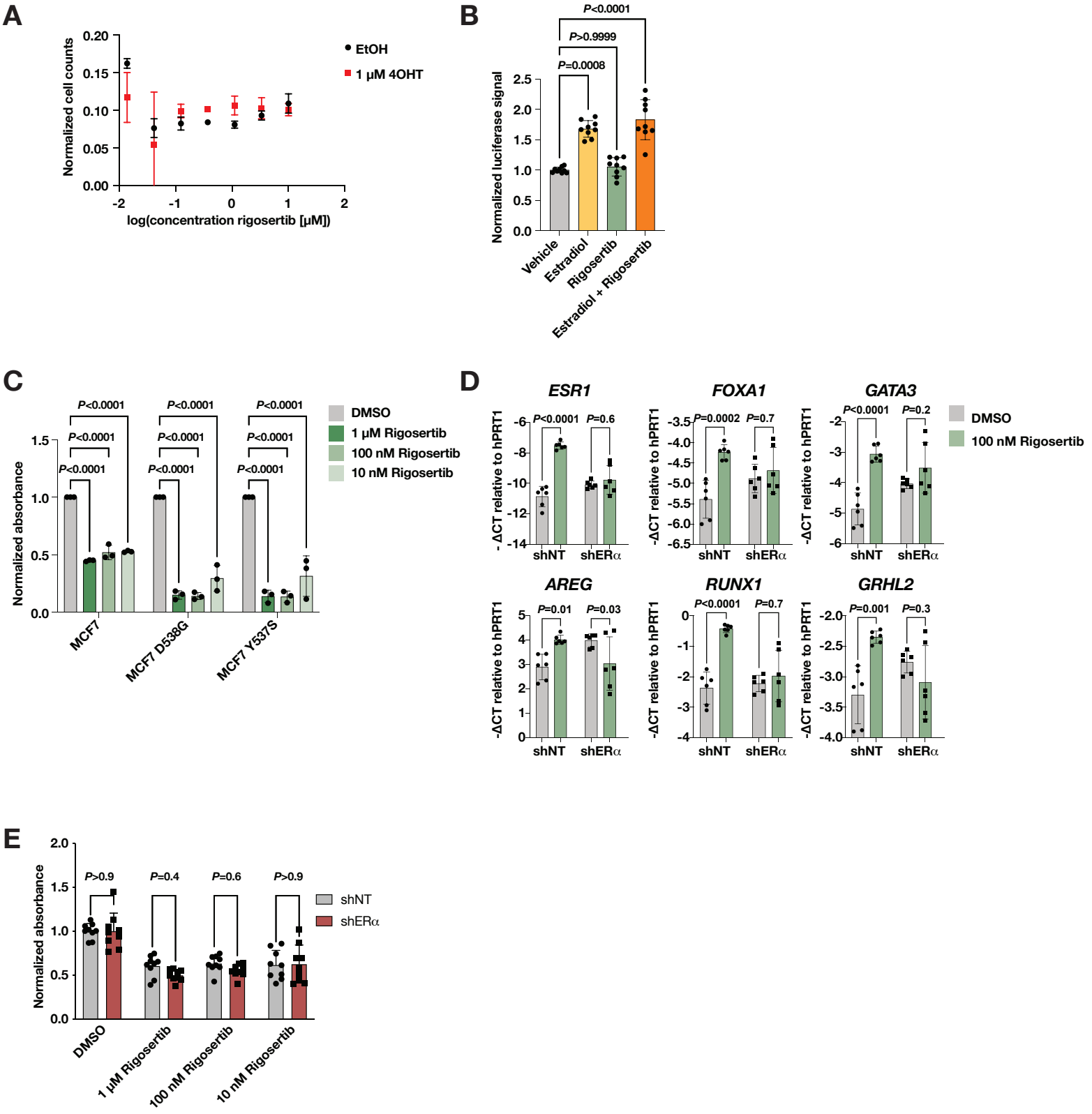
Figure S4


A
Normalized cell counts
0.20
0.15
0.10
0.05
0.00
-2
-1
0
1
2
log(concentration rigosertib [μM])
EtOH
1 μM 4OHT
B
P<0.0001
P>0.9999
P=0.0008
Normalized luciferase signal
2.5
2.0
1.5
1.0
0.5
0.0
Vehicle
Estradiol
Rigosertib
Estradiol + Rigosertib
C
P<0.0001
Normalized absorbance
1.5
1.0
0.5
0.0
MCF7
MCF7 D538G
MCF7 Y537S
DMSO
1 μM Rigosertib
100 nM Rigosertib
10 nM Rigosertib
D
ESR1
FOXA1
GATA3
AREG
RUNX1
GRHL2
P<0.0001
P=0.6
P=0.0002
P=0.7
P=0.2
P=0.01
P=0.03
P=0.001
P=0.3
- ΔCT relative to hPRT1
-ΔCT relative to hPRT1
shNT
shERα
DMSO
100 nM Rigosertib
E
P>0.9
P=0.4
P=0.6
P>0.9
Normalized absorbance
2.0
1.5
1.0
0.5
0.0
DMSO
1 μM Rigosertib
100 nM Rigosertib
10 nM Rigosertib
shNT
shERα