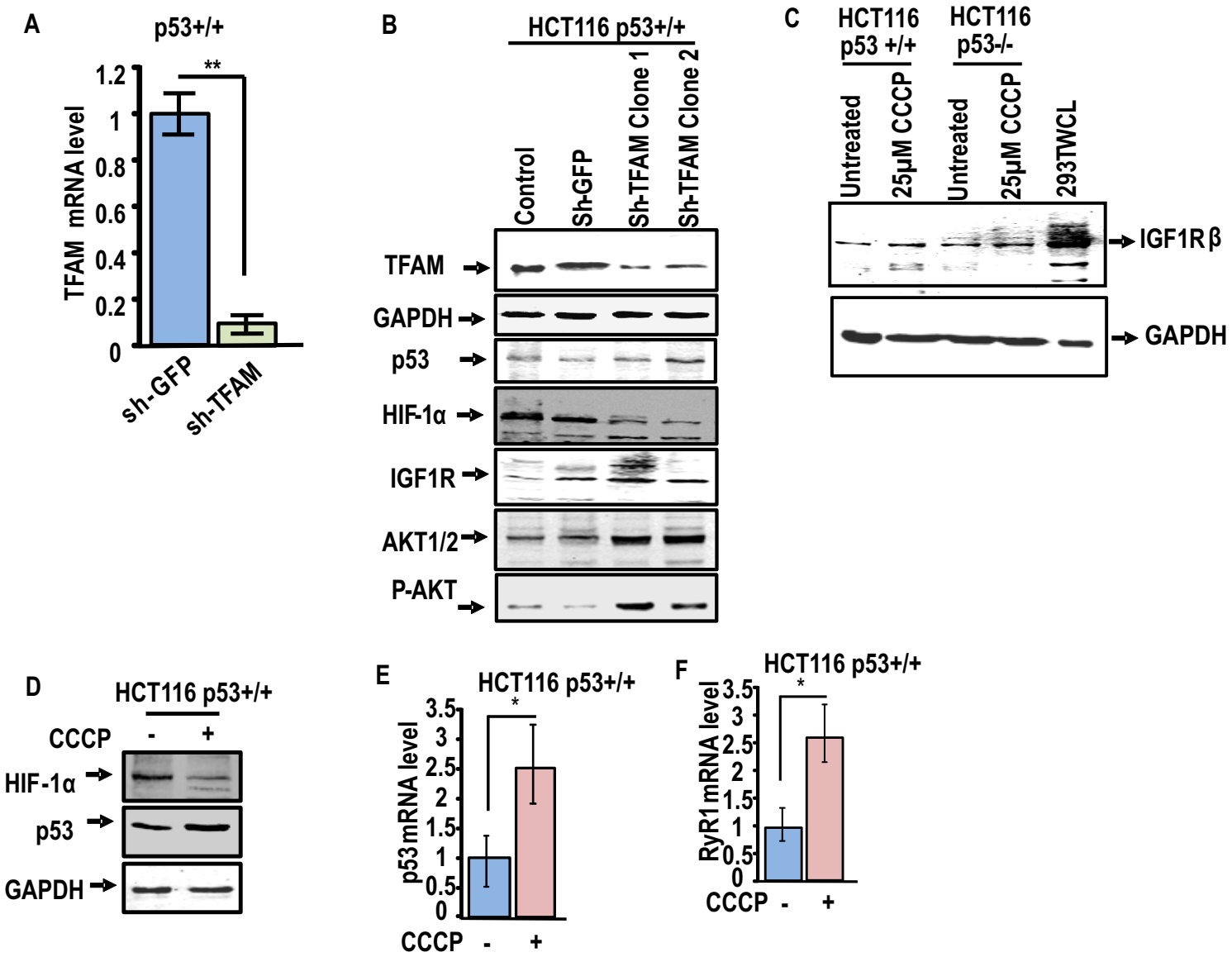
Figure S2


A
p53+/+
**
TFAM mRNA level
1.2
1
0.8
0.6
0.4
0.2
0
sh-GFP
sh-TFAM
B
HCT116 p53+/+
Control
Sh-GFP
Sh-TFAM Clone 1
Sh-TFAM Clone 2
TFAM
GAPDH
p53
HIF-1α
IGF1R
AKT1/2
P-AKT
C
HCT116 p53 +/+
HCT116 p53-/-
Untreated
25μM CCCP
Untreated
25μM CCCP
293TWCL
IGF1Rβ
GAPDH
D
HCT116 p53+/+
CCCP
-
+
HIF-1α
p53
GAPDH
E
HCT116 p53+/+
*
p53 mRNA level
3.5
3
2.5
2
1.5
1
0.5
0
CCCP
-
+
F
HCT116 p53+/+
*
RyR1 mRNA level
3.5
3
2.5
2
1.5
1
0.5
0
CCCP
-
+