Figure 1B

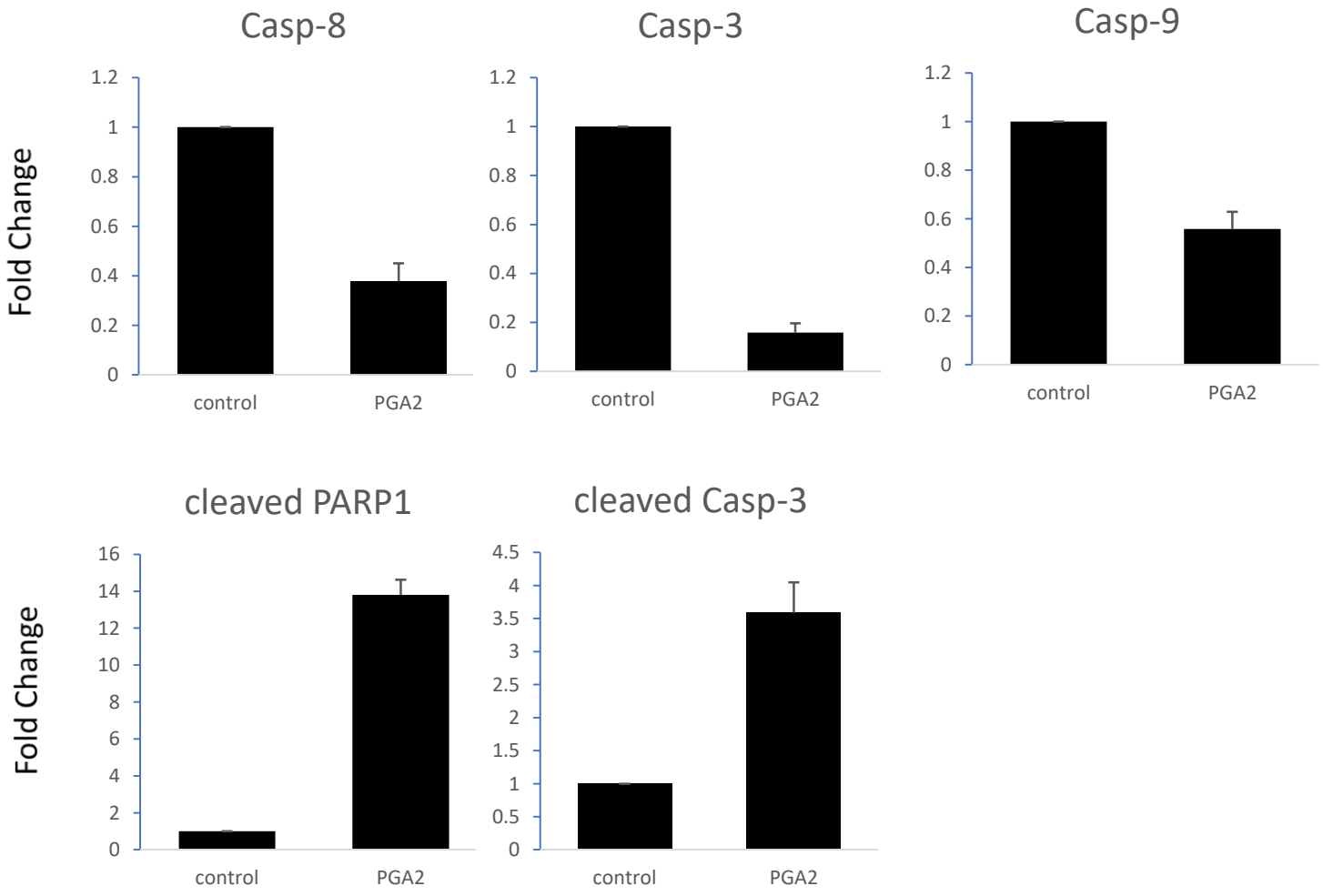

Casp-8
Casp-3
Casp-9
Fold Change
1.2
1
0.8
0.6
0.4
0.2
0
control
PGA2
cleaved PARP1
cleaved Casp-3
16
14
12
10
8
6
4
2
4.5
4
3.5
3
2.5
2
1.5
1
0.5

Figure 2A

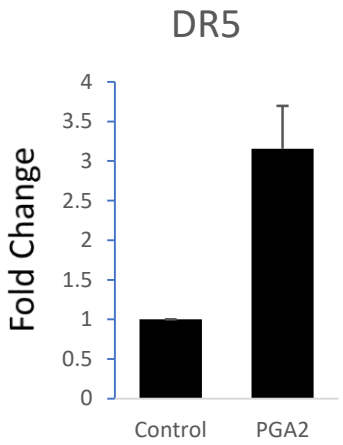


Figure 2C

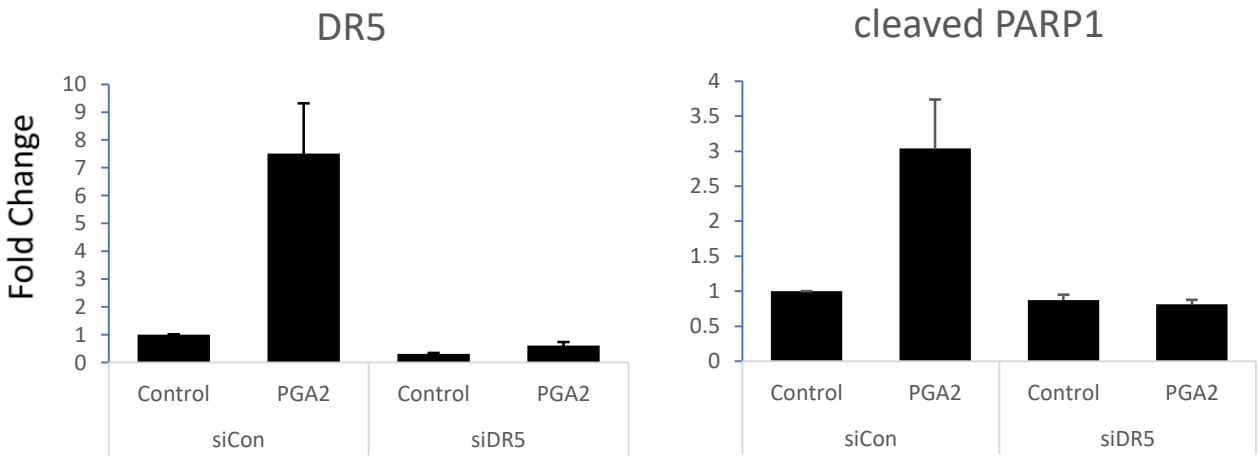


Figure 3A

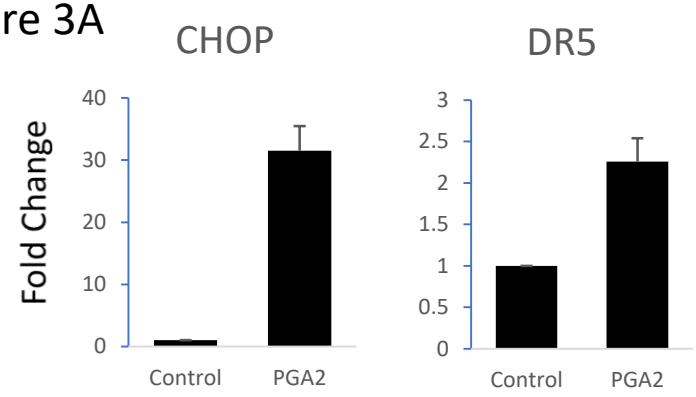


Figure 3B

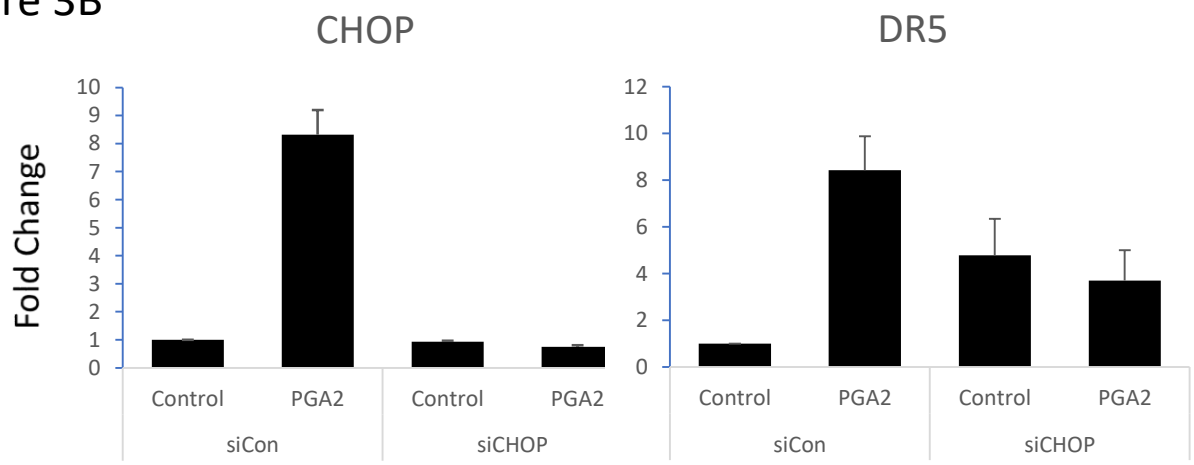


Figure 3C

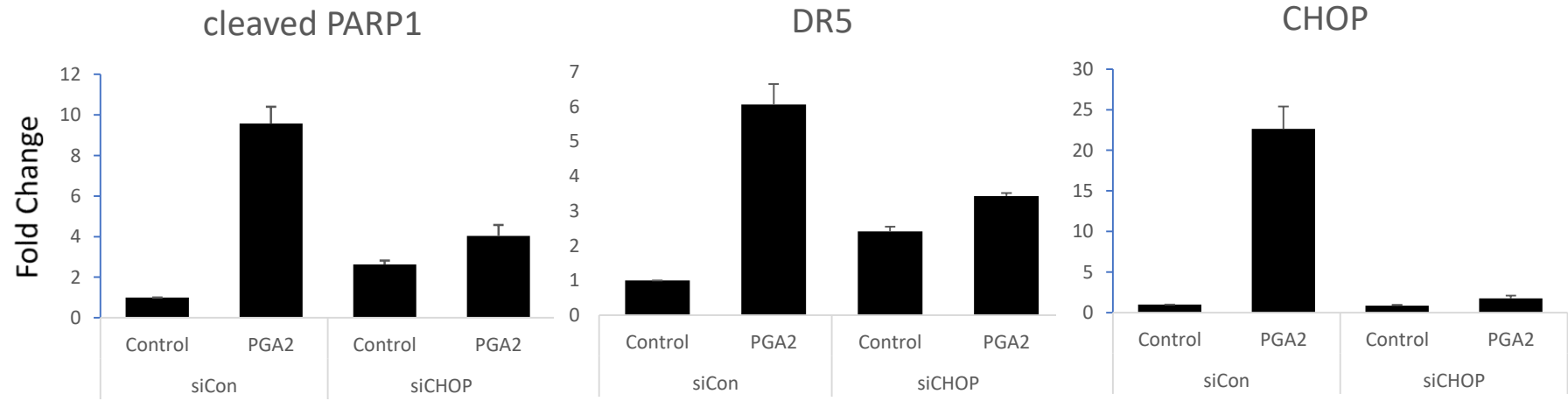


Figure 4B

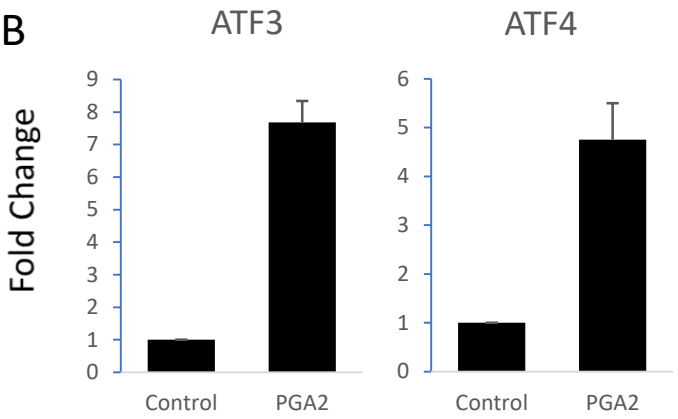


Figure 4D Left

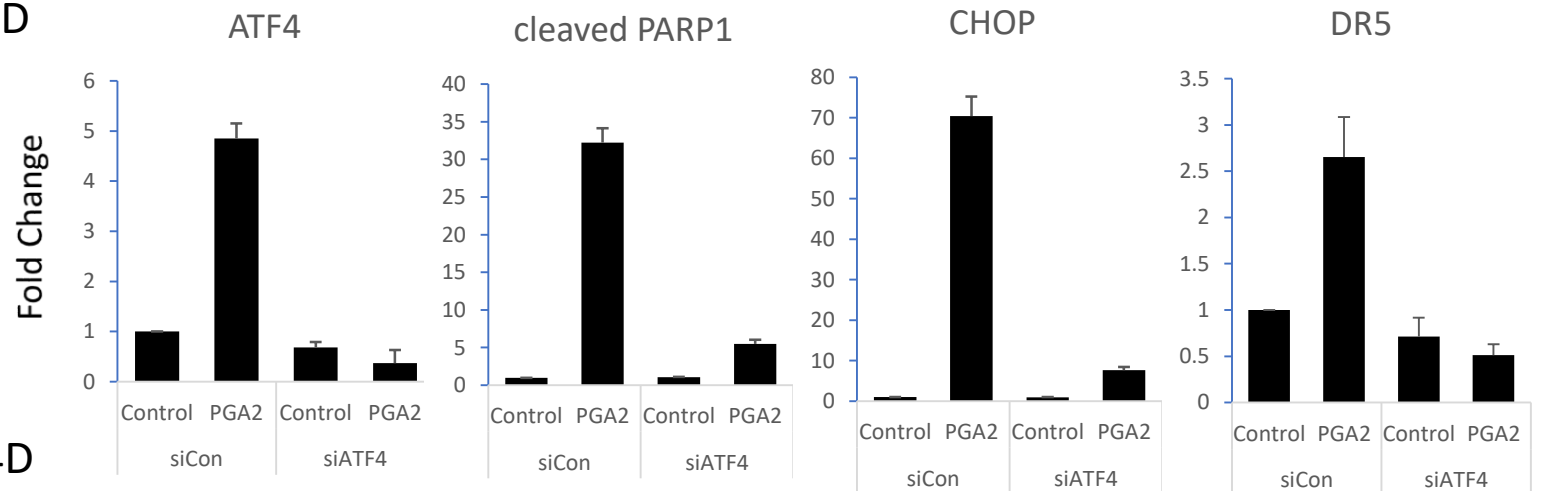


Figure 4D Right

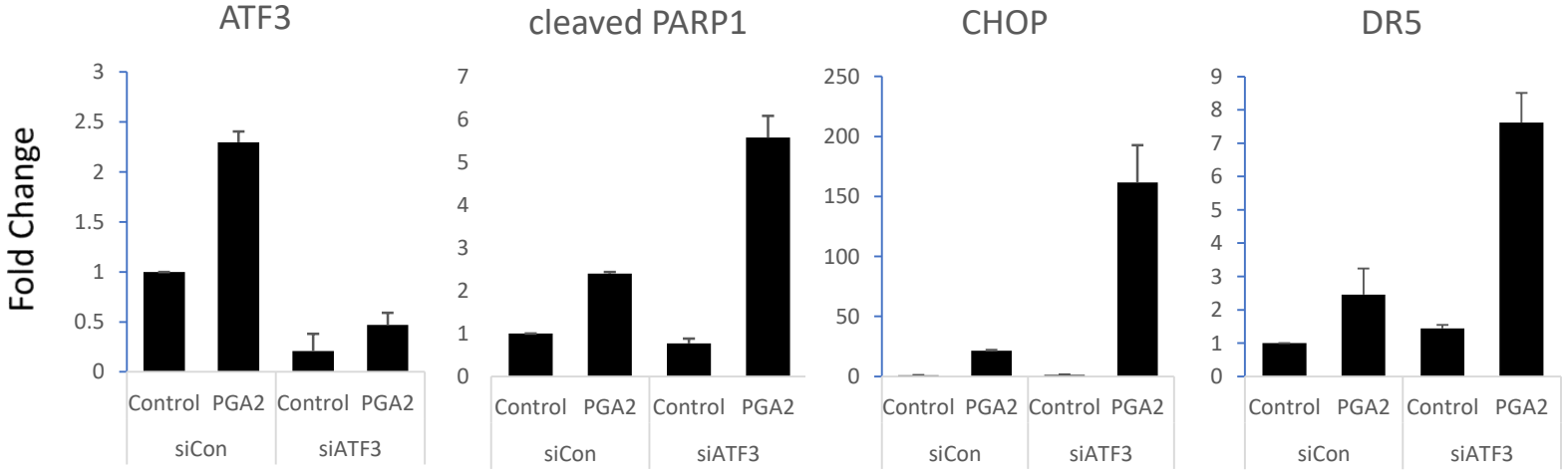


Figure S1

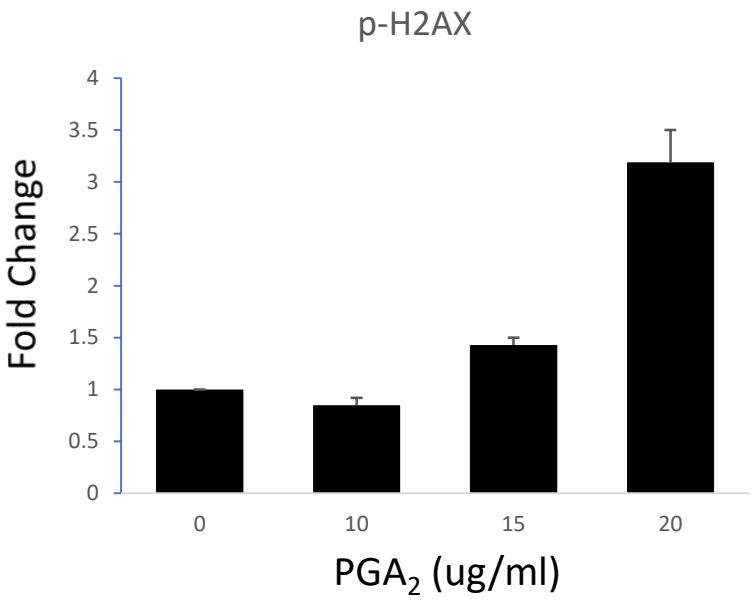


Figure S2

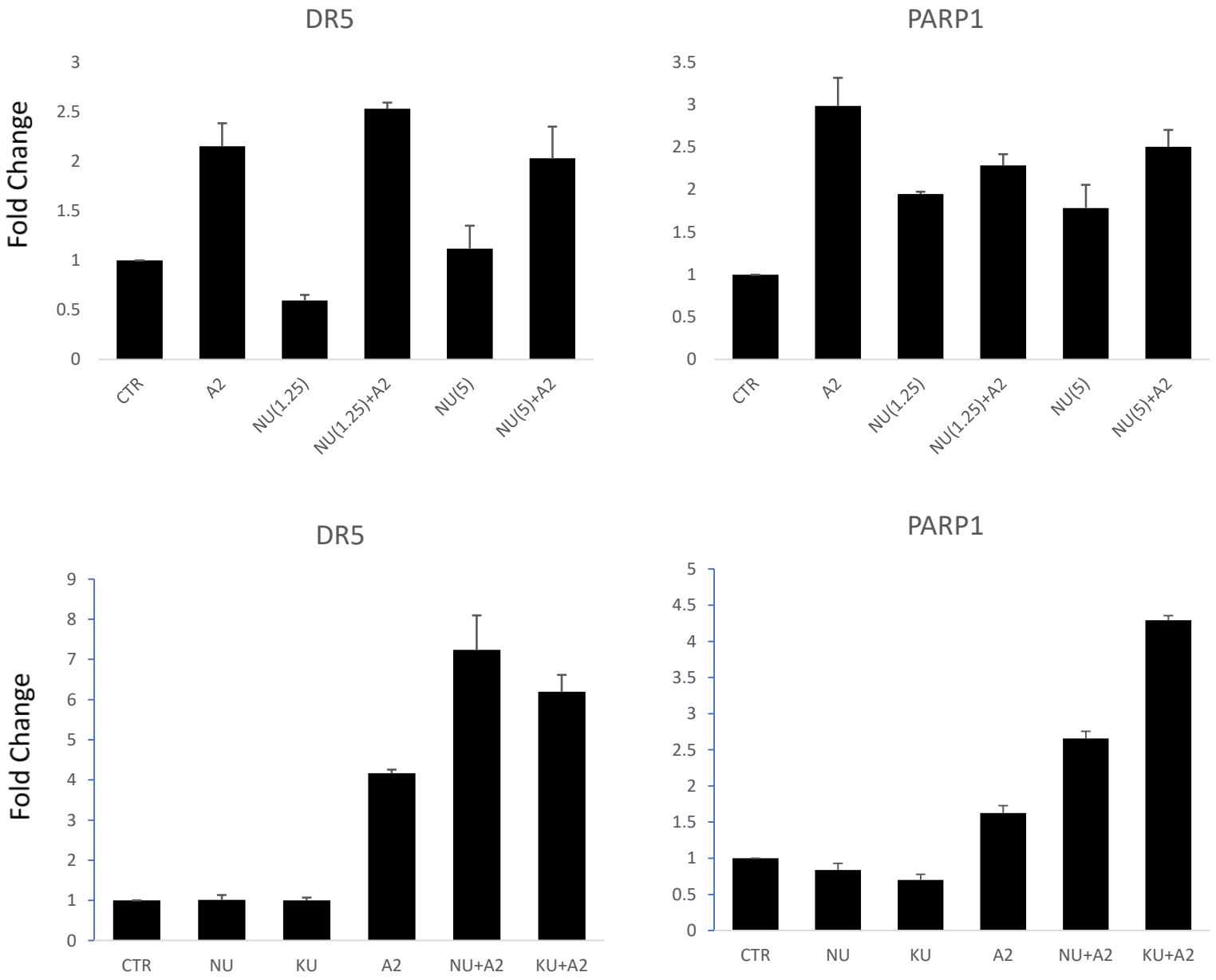

DR5
Fold Change
3
2.5
2
1.5
1
0.5
0
CTR
A2
NU(1.25)
NU(1.25)+A2
NU(5)
NU(5)+A2
PARP1
3.5
3
2.5
2
1.5
1
0.5
0
CTR
A2
NU(1.25)
NU(1.25)+A2
NU(5)
NU(5)+A2
DR5
Fold Change
9
8
7
6
5
4
3
2
1
0
CTR
NU
KU
A2
NU+A2
KU+A2
PARP1
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
CTR
NU
KU
A2
NU+A2
KU+A2

Figure S3

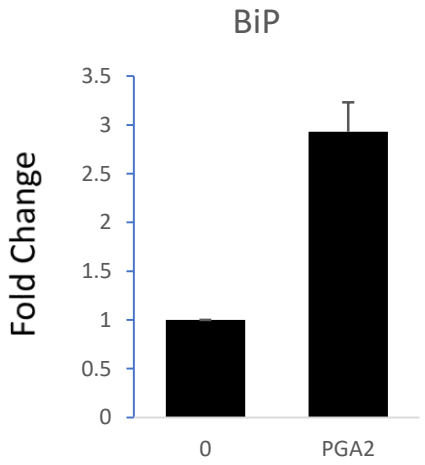


Figure S4

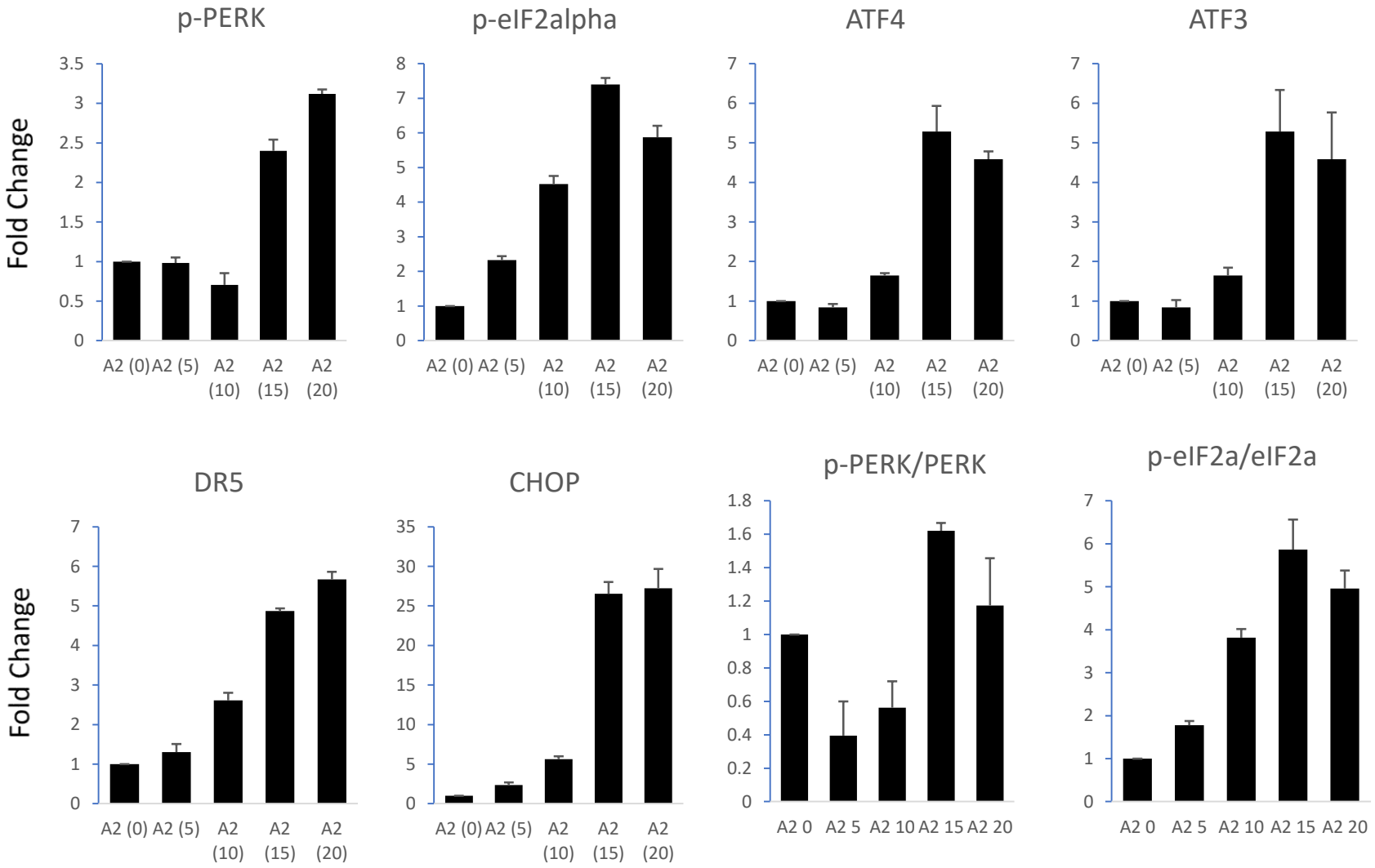
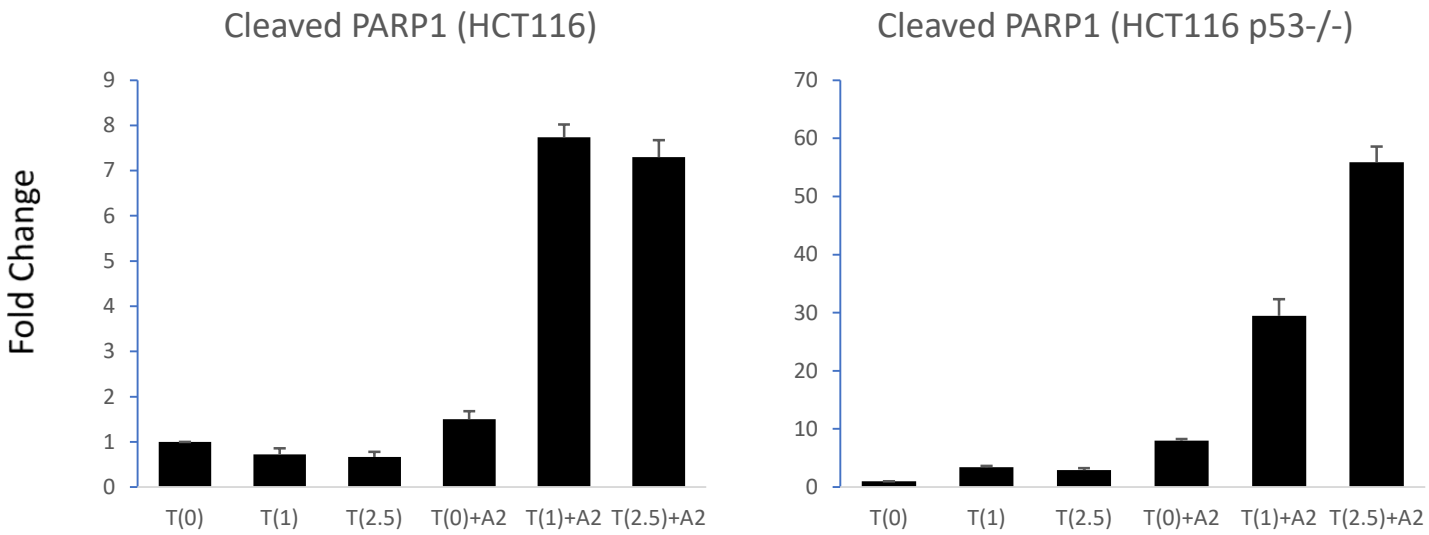

p-PERK
p-eIF2alpha
ATF4
ATF3
DR5
CHOP
p-PERK/PERK
p-eIF2a/eIF2a
Fold Change
Fold Change
A2 (0)
A2 (5)
A2 (10)
A2 (15)
A2 (20)
A2 0
A2 5
A2 10
A2 15
A2 20

Figure S5


Cleaved PARP1 (HCT116)
Fold Change
0
1
2
3
4
5
6
7
8
9
T(0)
T(1)
T(2.5)
T(0)+A2
T(1)+A2
T(2.5)+A2
Cleaved PARP1 (HCT116 p53-/-)
0
10
20
30
40
50
60
70
T(0)
T(1)
T(2.5)
T(0)+A2
T(1)+A2
T(2.5)+A2