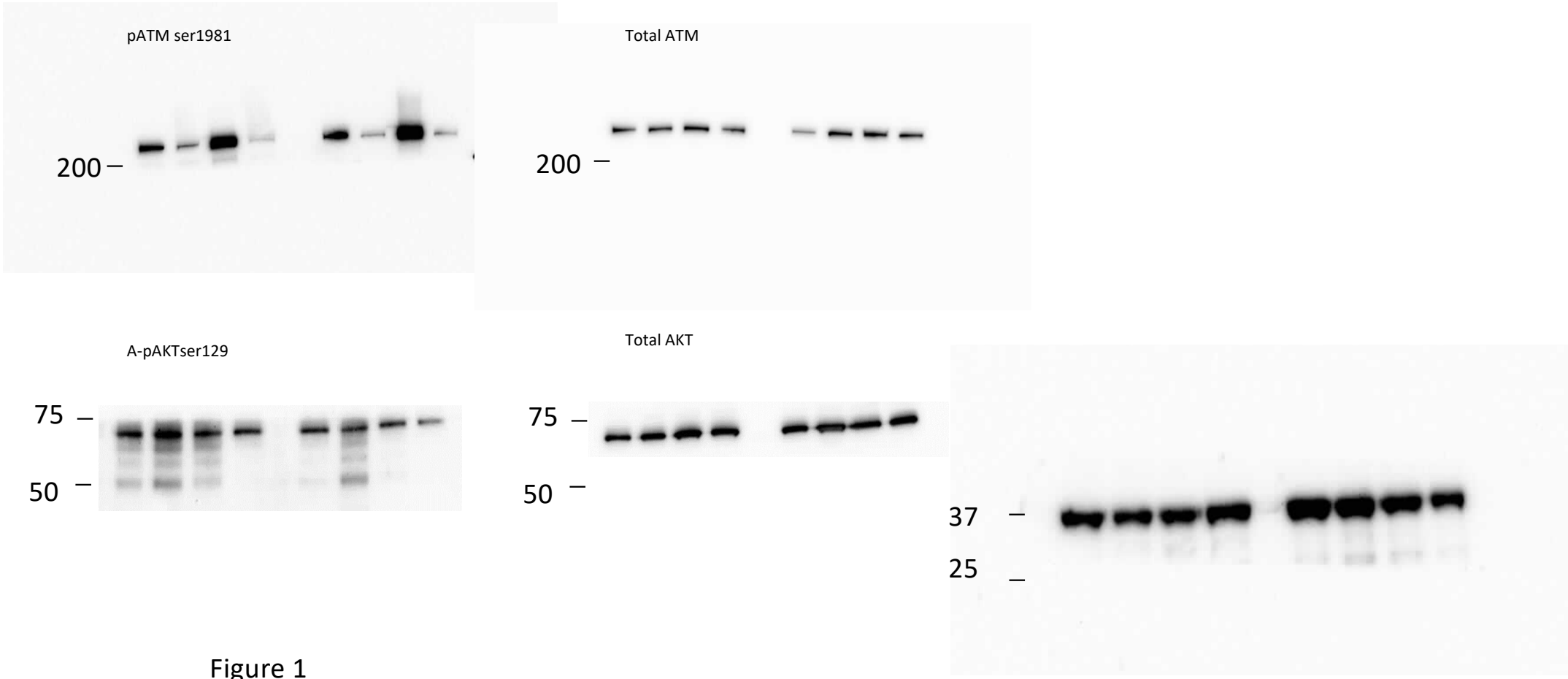

pATM ser1981
200
Total ATM
200
A-pAKTser129
75
50
Total AKT
75
50
37
25
GAPDH

Figure 1

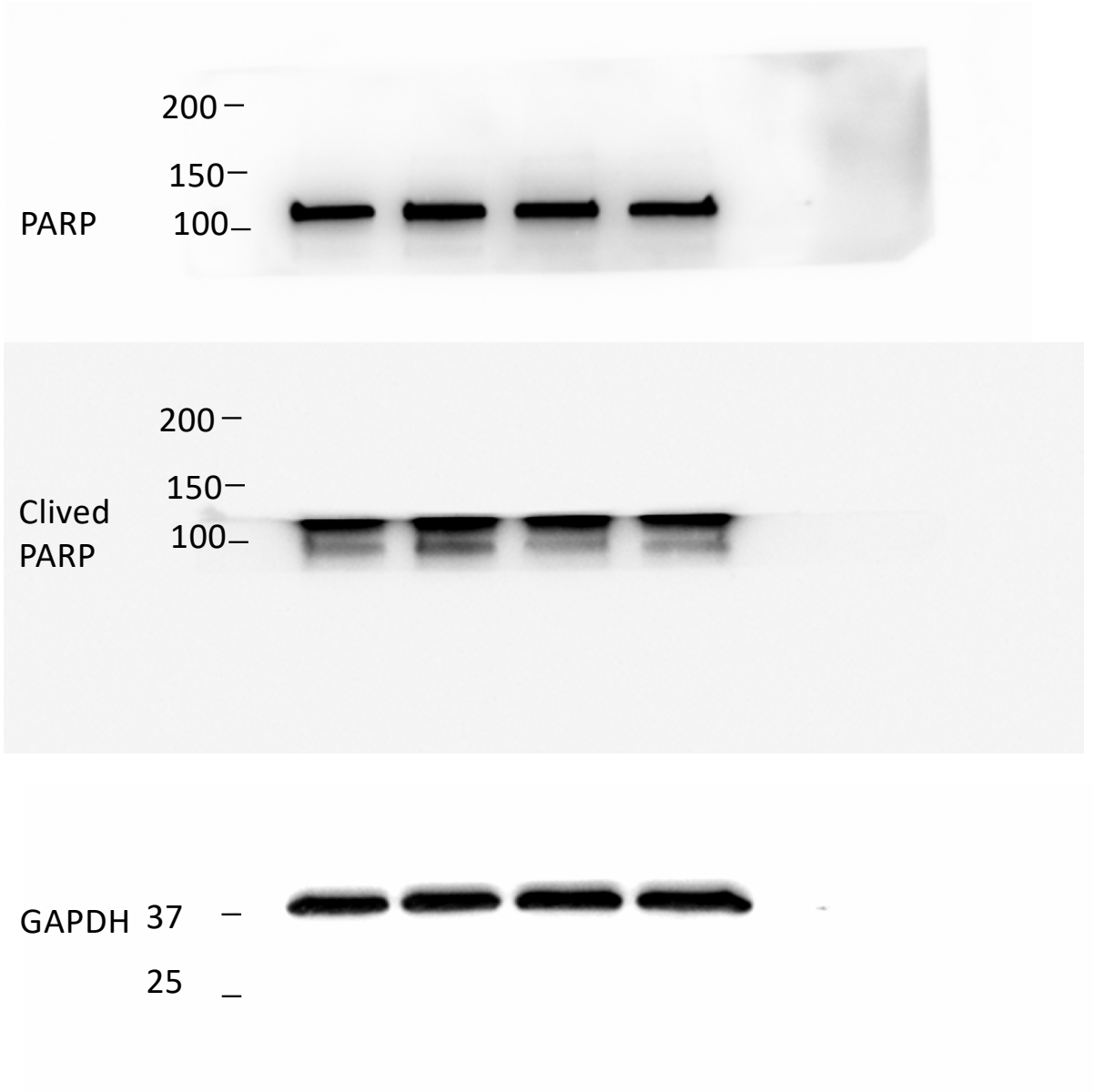
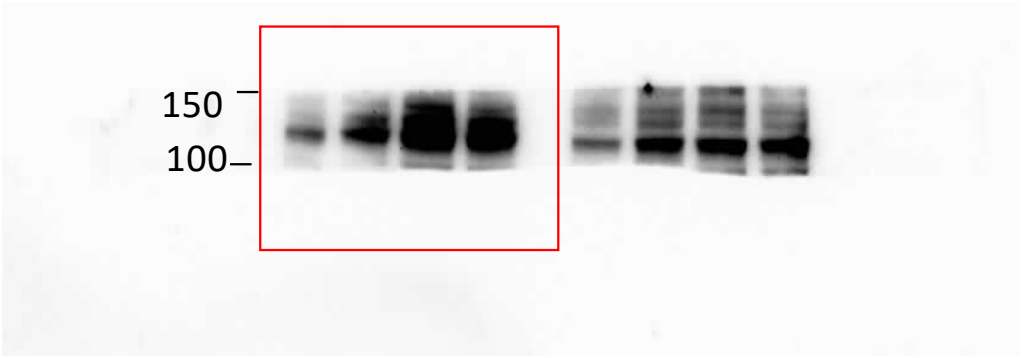
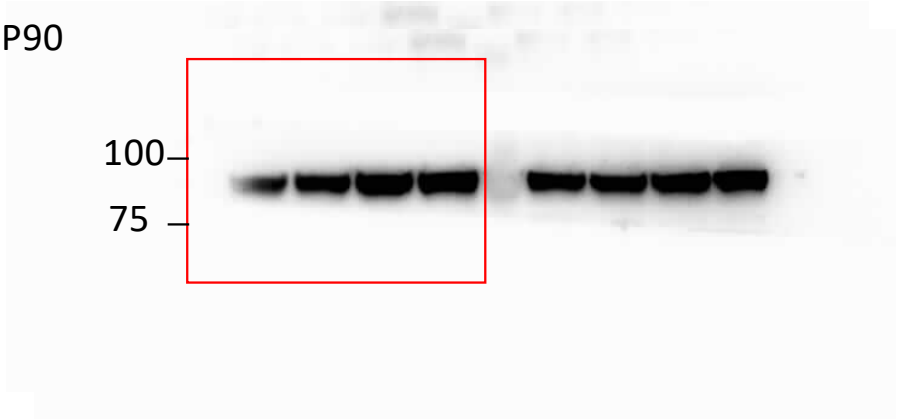


Figure 3

Hif2alpha



HSP90



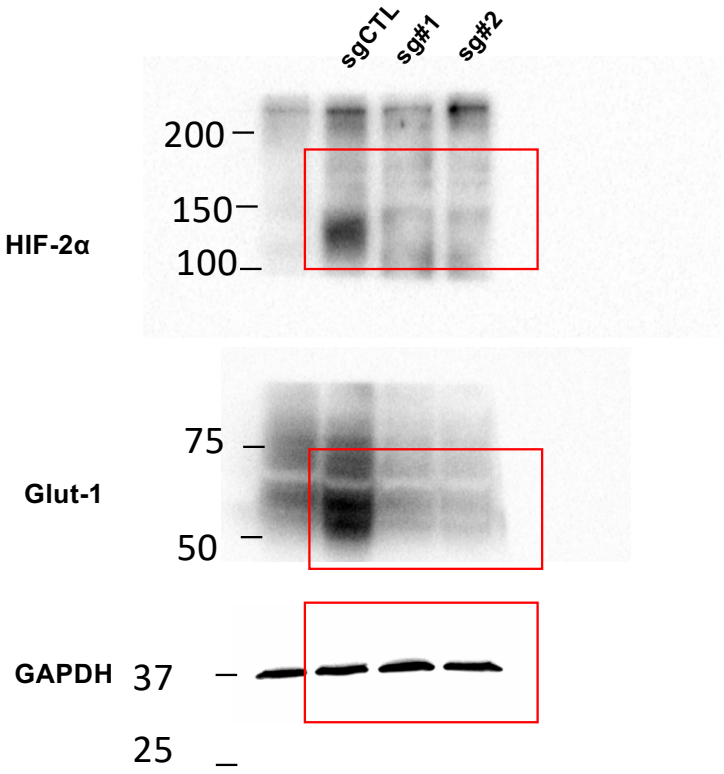
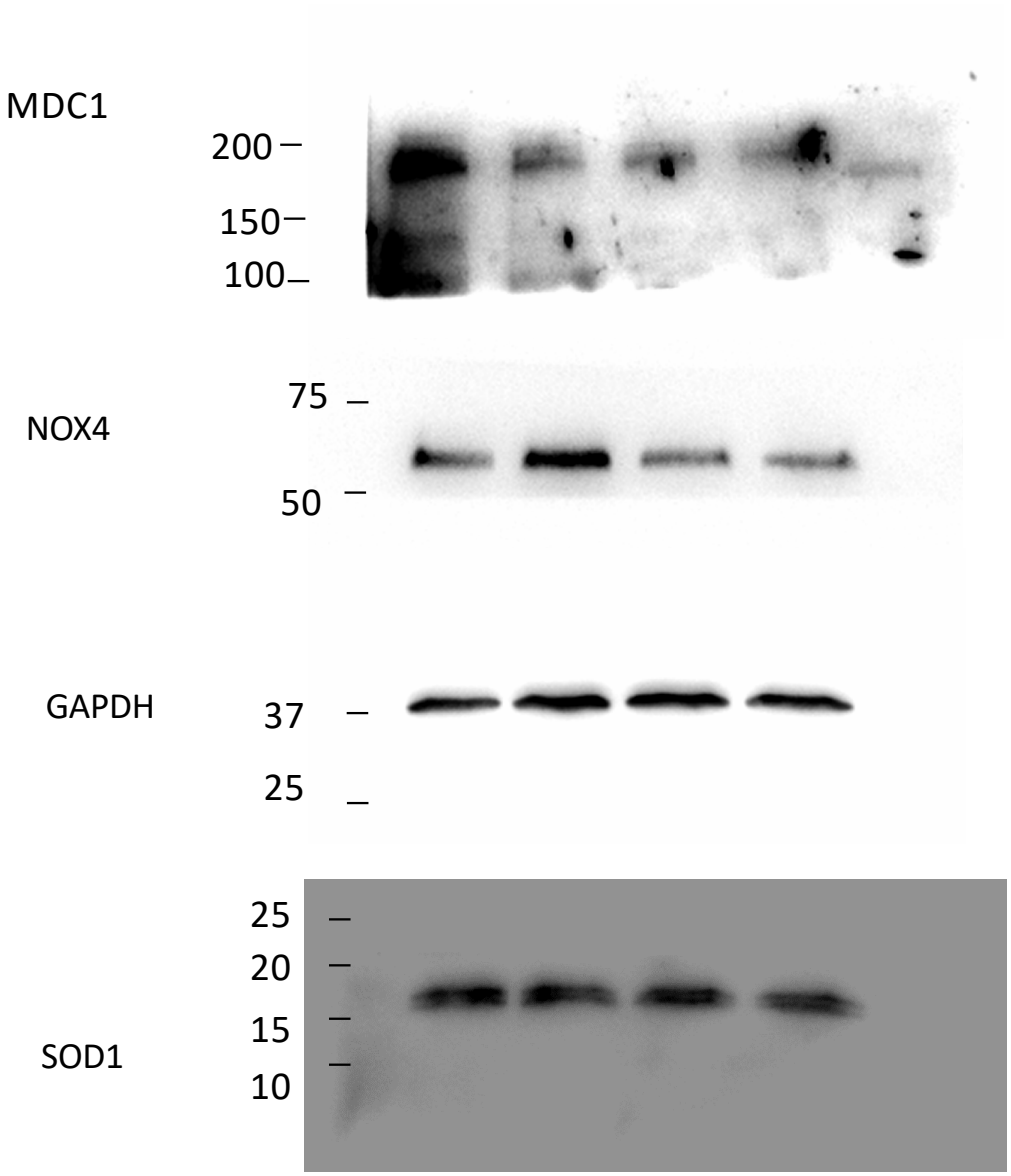


Figure 4


MDC1
200
150
100
NOX4
75
50
GAPDH
37
25
SOD1
25
20
15
10

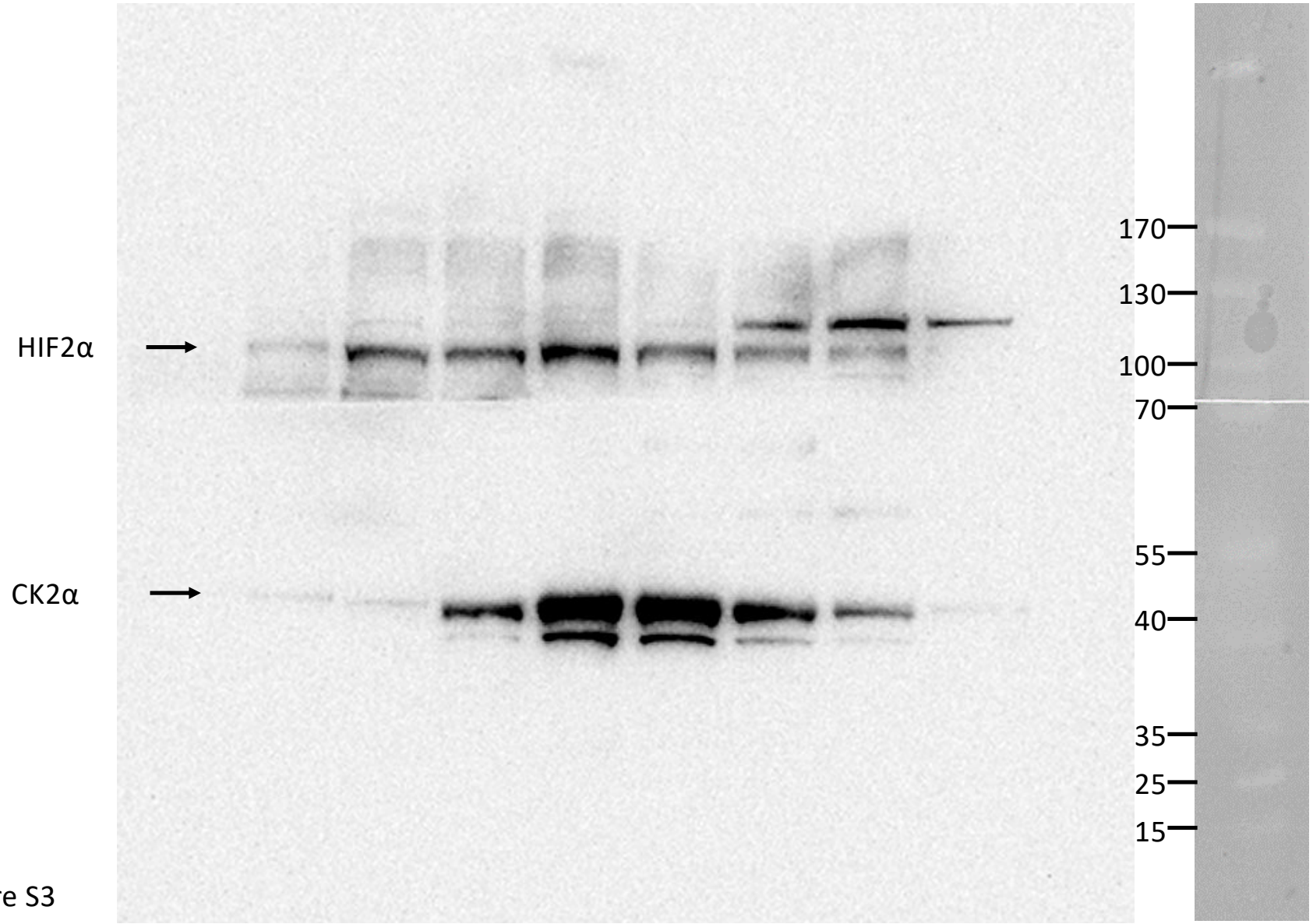
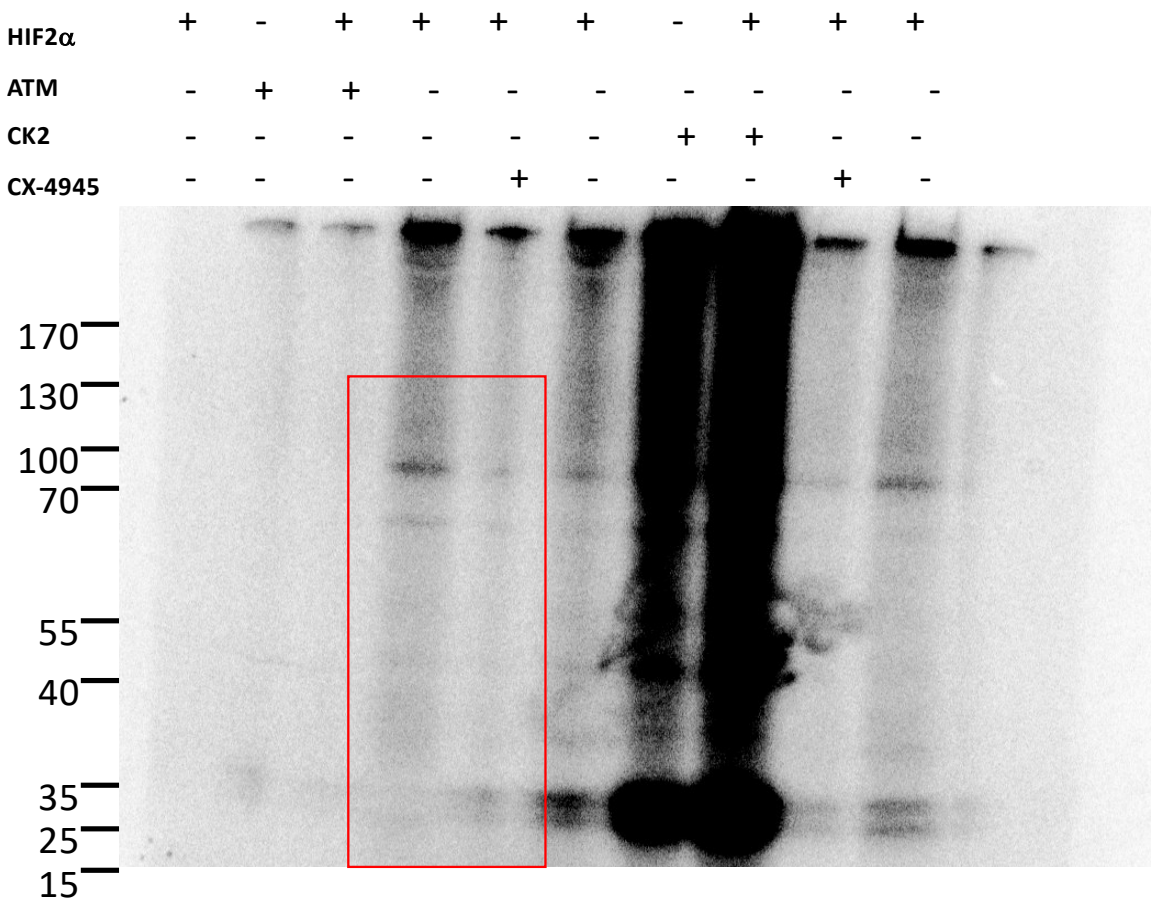
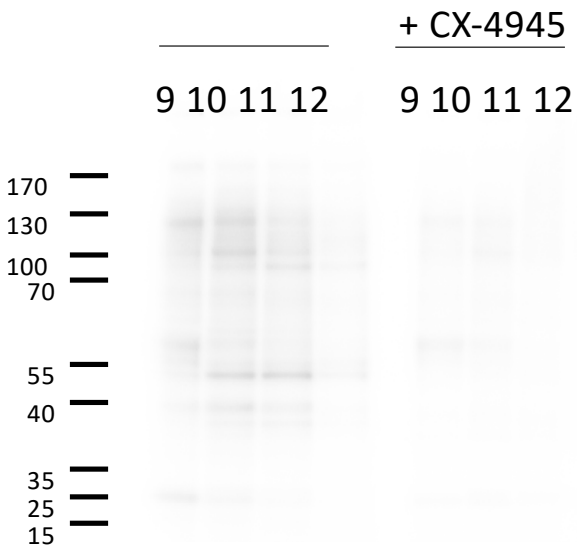
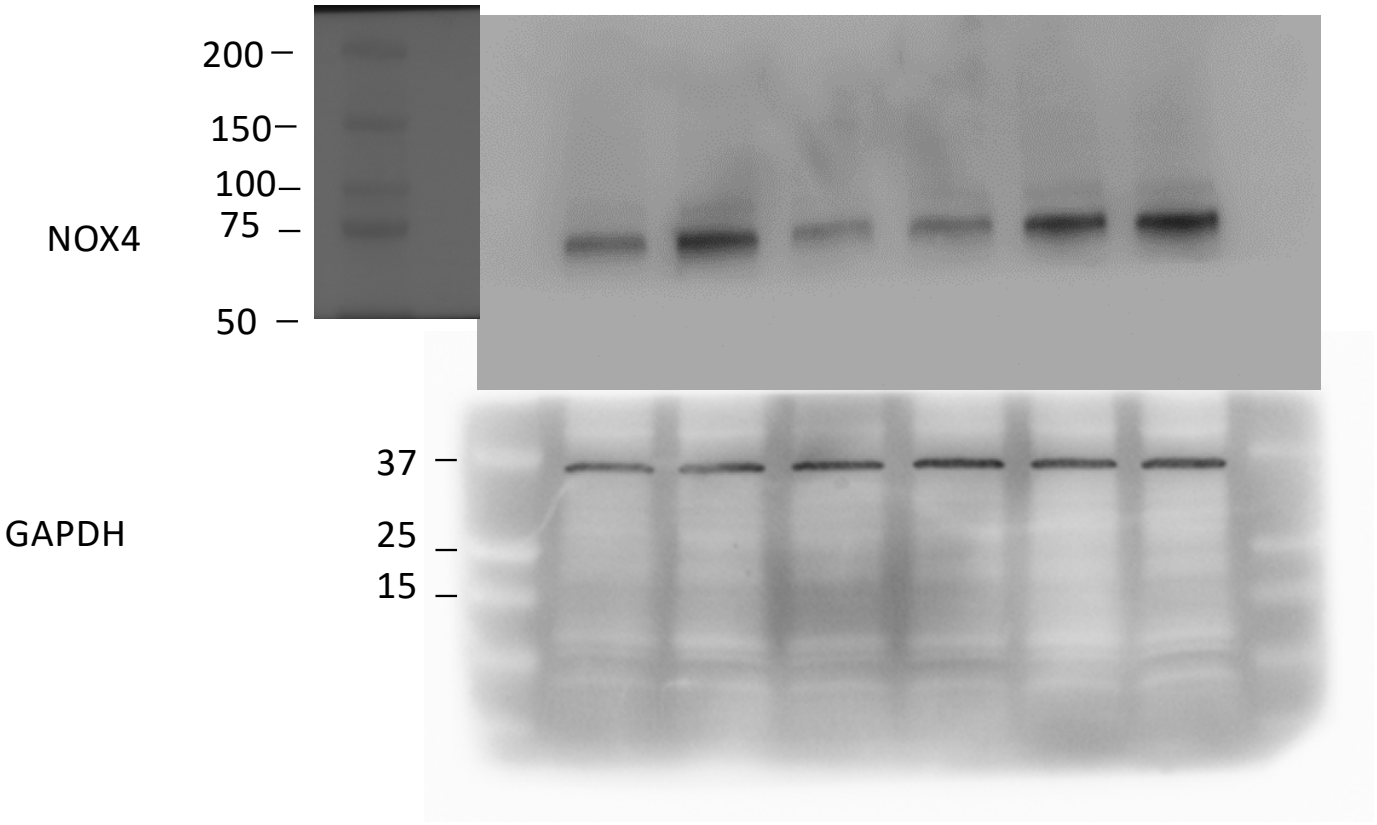


Figure S3


HIF2α + - + + + + - + + +
ATM - + + - - - - - - -
CK2 - - - - - - + + - -
CX-4945 - - - - + - - - + -
170
130
100
70
55
40
35
25
15


+ CX-4945
9 10 11 12
9 10 11 12
170
130
100
70
55
40
35
25
15


200
150
100
75
50
NOX4
37
25
15
GAPDH