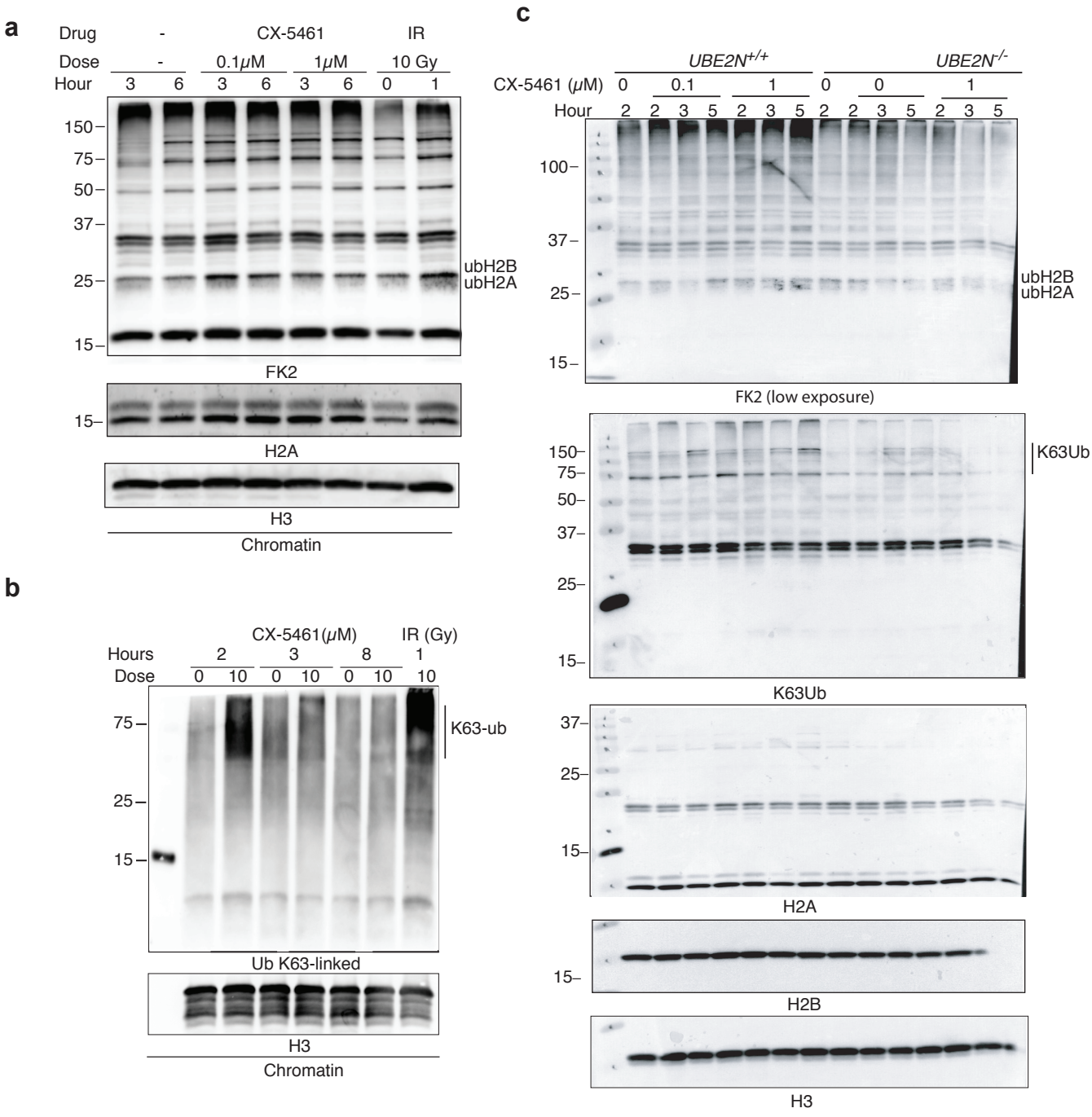
a
Drug
-
CX-5461
IR
Dose
-
0.1μM
1μM
10 Gy
Hour
3 6 3 6 3 6 0 1
150
75
50
37
25
15
ubH2B
ubH2A
FK2
15
H2A
H3
Chromatin
b
CX-5461(μM)
IR (Gy)
Hours
2 3 8 1
Dose
0 10 0 10 0 10 10
75
25
15
K63-ub
Ub K63-linked
H3
Chromatin
c
UBE2N+/+
UBE2N-/-
CX-5461 (μM)
0 0.1 1 0 0 1
Hour
2 2 3 5 2 3 5 2 2 3 5 2 3 5
100
37
25
15
ubH2B
ubH2A
FK2 (low exposure)
150
75
50
37
25
15
K63Ub
K63Ub
37
25
15
H2A
15
H2B
H3