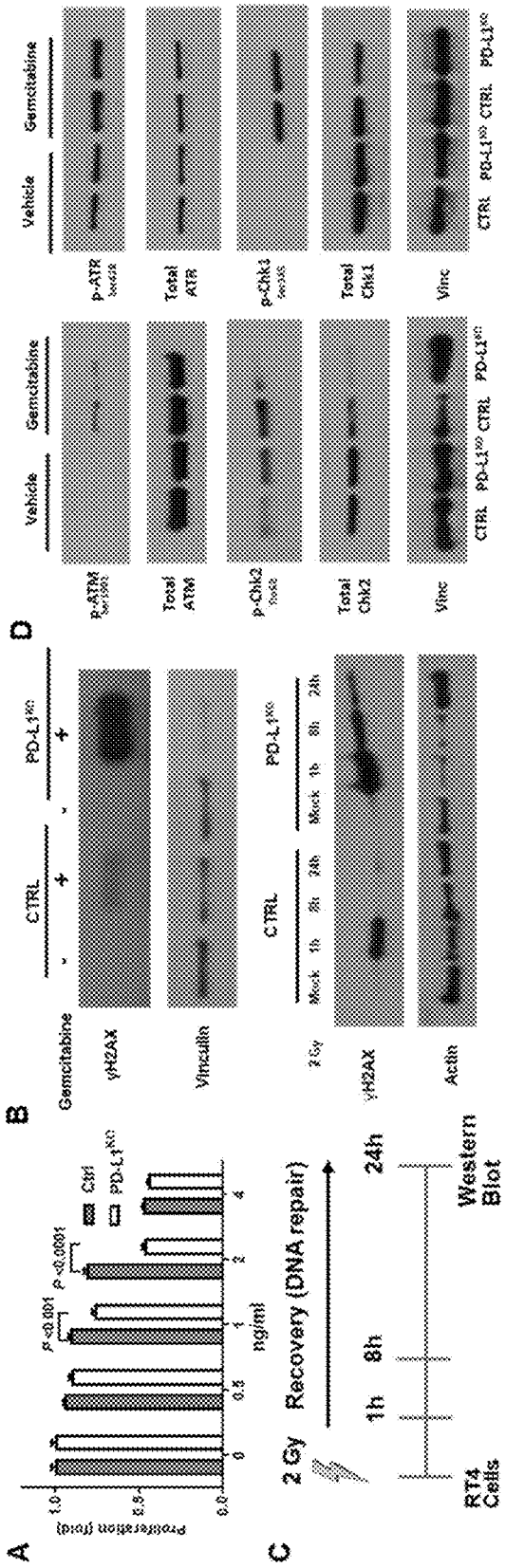
A
Proliferation (fold)
1.0
0.5
0.0
0
0.5
1
2
4
ng/ml
P <0.001
P <0.0001
Ctrl
PD-L1KO
B
Gemcitabine
CTRL
PD-L1KO
γH2AX
Vinculin
C
2 Gy
Recovery (DNA repair)
1h
8h
24h
RT4 Cells
Western Blot
Mock
γH2AX
Actin
D
Vehicle
Gemcitabine
p-ATM
Total ATM
p-Chk2
Total Chk2
p-ATR
Total ATR
p-Chk1
Total Chk1
Vinc
CTRL
PD-L1KO

FIG. 1A-D