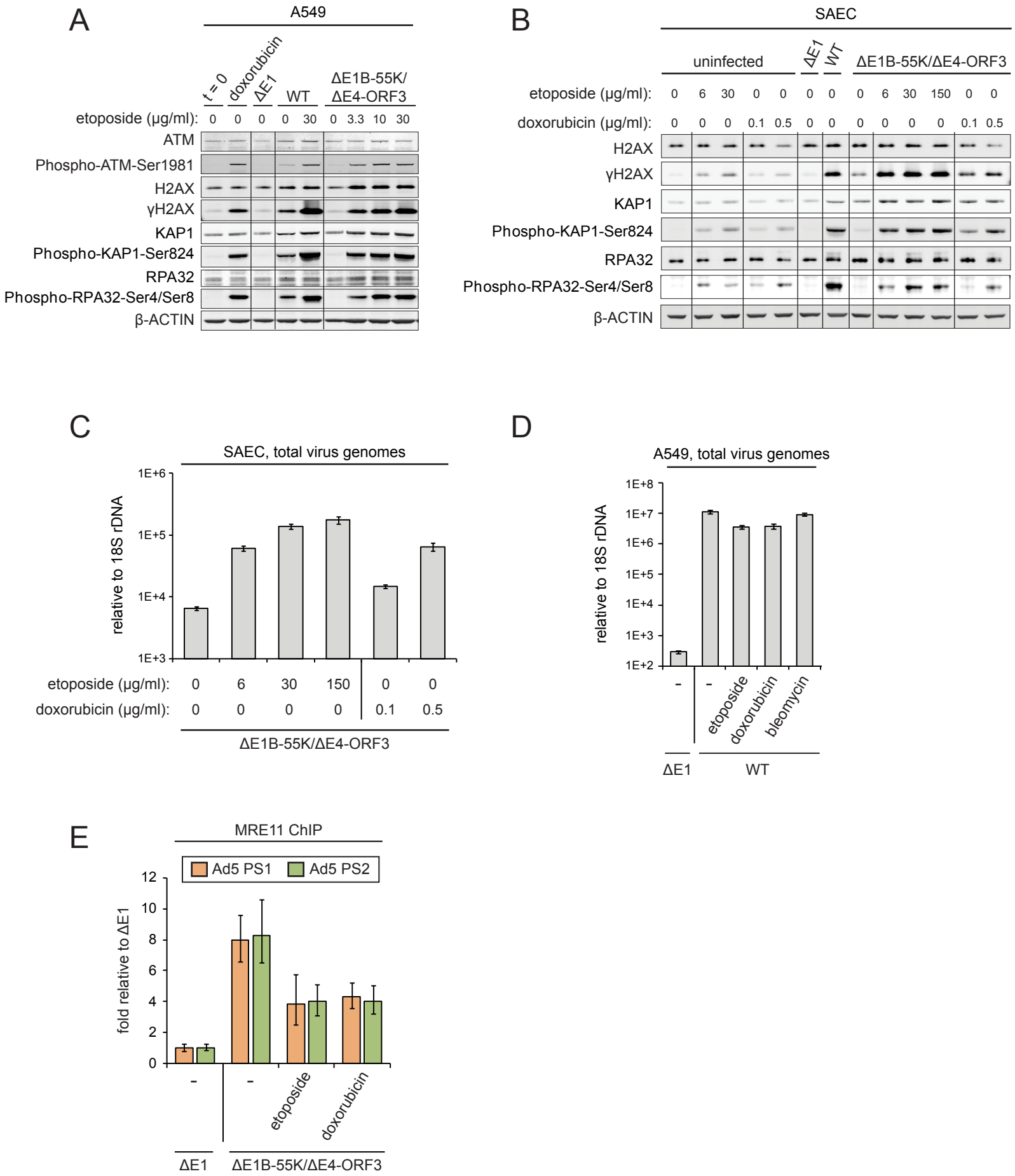
A
A549
t = 0
doxorubicin
ΔE1
WT
ΔE1B-55K/
ΔE4-ORF3
etoposide (μg/ml): 0 0 0 0 30 0 3.3 10 30
ATM
Phospho-ATM-Ser1981
H2AX
γH2AX
KAP1
Phospho-KAP1-Ser824
RPA32
Phospho-RPA32-Ser4/Ser8
β-ACTIN
B
SAEC
uninfected
ΔE1
WT
ΔE1B-55K/ΔE4-ORF3
etoposide (μg/ml): 0 6 30 0 0 0 0 0 6 30 150 0 0
doxorubicin (μg/ml): 0 0 0 0.1 0.5 0 0 0 0 0 0 0.1 0.5
H2AX
γH2AX
KAP1
Phospho-KAP1-Ser824
RPA32
Phospho-RPA32-Ser4/Ser8
β-ACTIN
C
SAEC, total virus genomes
relative to 18S rDNA
1E+6
1E+5
1E+4
1E+3
etoposide (μg/ml): 0 6 30 150 0 0
doxorubicin (μg/ml): 0 0 0 0 0.1 0.5
ΔE1B-55K/ΔE4-ORF3
D
A549, total virus genomes
relative to 18S rDNA
1E+8
1E+7
1E+6
1E+5
1E+4
1E+3
1E+2
-
-
etoposide
doxorubicin
bleomycin
ΔE1
WT
E
MRE11 ChIP
Ad5 PS1
Ad5 PS2
fold relative to ΔE1
12
10
8
6
4
2
0
-
-
etoposide
doxorubicin
ΔE1
ΔE1B-55K/ΔE4-ORF3