A

WT ES Tum ES+Tum

0% 20% 40% 60% 80% 100%

cell counts (×10^4)

B

WT ES Tum ES+Tum

24 hours 48 hours

C

non-apoptotic cells early apoptotic cells late apoptotic cells necrotic cells

total cell number

0% 20% 40% 60% 80% 90% 100%

WT ES Tum ES+Tum