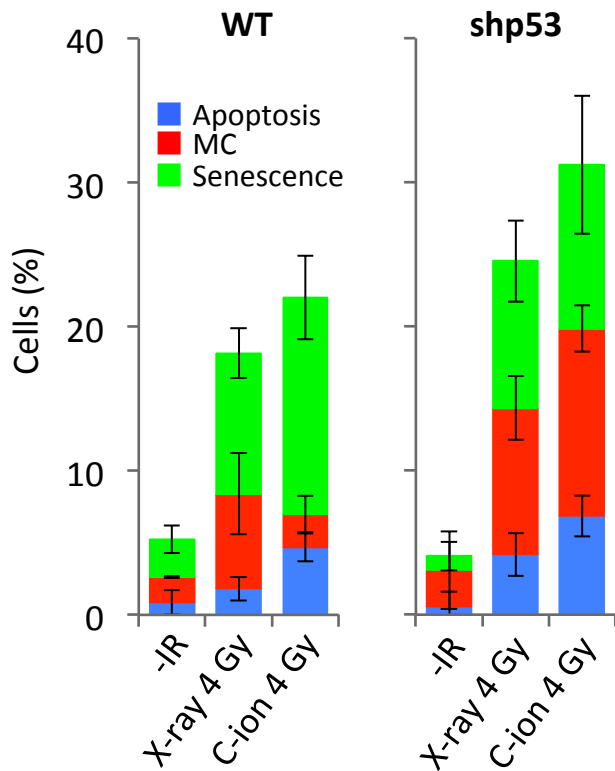


Supplementary Figure S3



Supplementary Fig. S3. The modes of cell death induced by X-ray or carbon-ion beam irradiation in BJ hTERT-WT or -shp53 cells.

Cells seeded on coverslips, incubated for overnight, irradiated (or not) with X-rays (4 Gy) or carbon-ion beams (4 Gy), and then stained with DAPI 96 h later. Apoptosis, mitotic catastrophe, and senescence were determined according to the characteristic nuclear morphologies (see “Materials and methods” for the definitions). Data are expressed as the mean \pm SD. MC, mitotic catastrophe; C-ion, carbon-ion; IR, irradiation.