



Figure S1. Analysis of cellular senescence at 3 days after irradiation using γ H2AX and Ki67 immunofluorescence co-staining and senescence-associated beta-galactosidase (SA- β -gal). **(A)** Representative images of PTEC at day 3 after irradiation showing immunofluorescent staining for γ H2AX and Ki67. Cells were counted as senescent (marked with *) when Ki67-negative and simultaneously positive for over five γ H2AX foci. Ki67-positive cells are marked with #. Original magnification 400 \times . **(B)** Representative images of PTEC after SA- β -gal staining (positive cells are blue). Original magnification 200 \times .