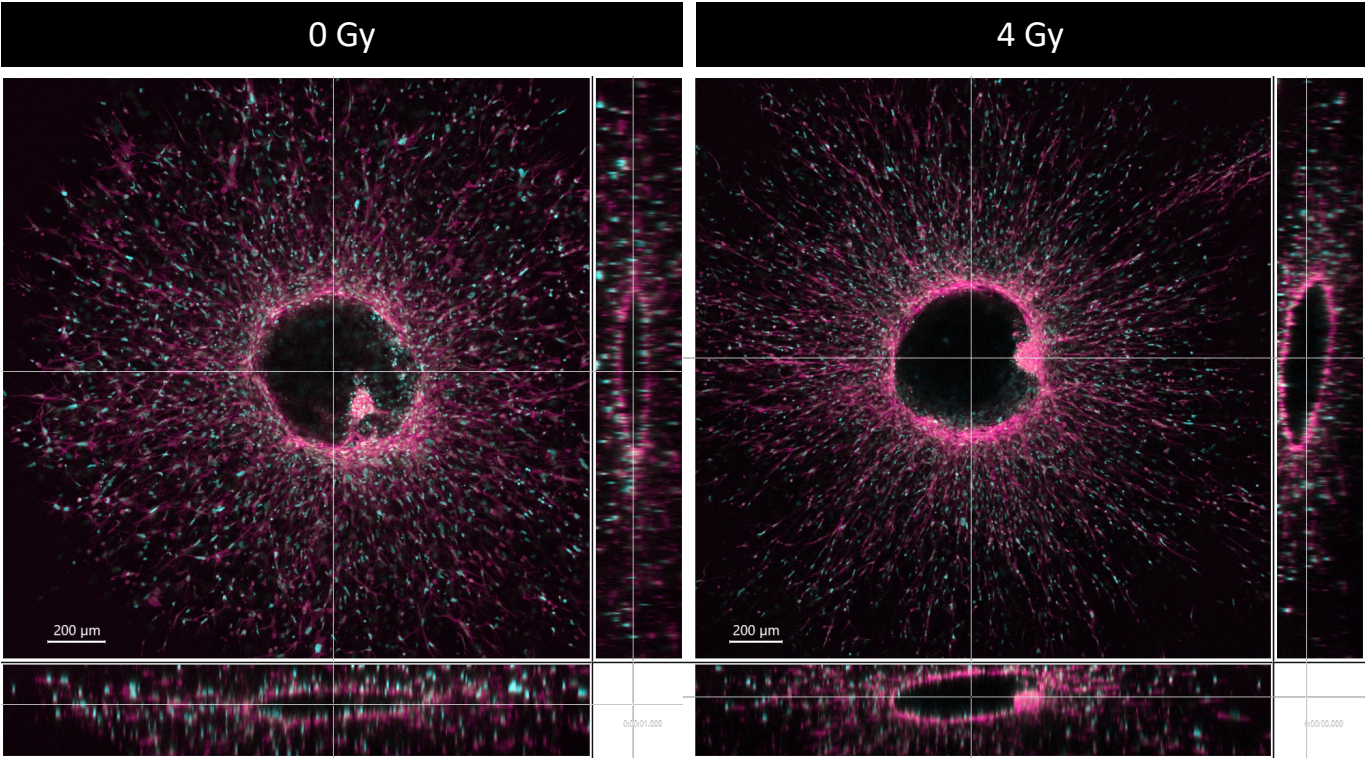
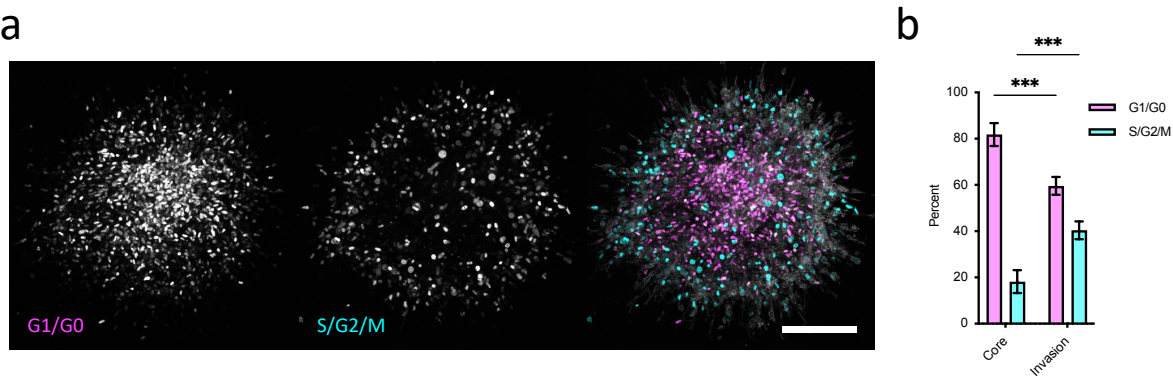


Supplementary Figure 1



Supplementary Fig. 1 3D reconstruction of invading spheroids
3D reconstruction and lateral views of MV3 spheroids at the endpoint on day 7 of rat-tail collagen I culture after irradiation with 0 or 4 Gy irradiation on day 2. cyan = H2B-GFP, magenta = F-actin.



Supplementary Fig. 2. Cell cycle analysis in invading cancer cells
a) MV3 spheroids expressing FUCCI sensor 2 days after embedding in collagen I. b) Frequency of cells in G1/G0 and S/G2/M phase per zone. n = 15 spheroids. Scale bar, 200 μ m. Two-way ANOVA was used for the statistical analysis. ***p<0.001.