

Supplementary Material
Table 1. Radiosensitization of B16F10 melanoma and TS/A carcinoma cells after MCAM silencing.

| Group | B16F10 cells | | TS/A cells | |
|-----------------|-----------------------|------|-----------------------|------|
| | IC ₉₀ (Gy) | EF | IC ₉₀ (Gy) | EF |
| IR | 6.11 | | 7.78 | |
| pControl+IR | 5.09 | 1.20 | 5.78 | 1.35 |
| pMCAM+IR | 4.96 | 1.23 | 5.77 | 1.35 |
| ER+IR | 4.93 | 1.24 | 6.42 | 1.21 |
| GET pControl+IR | 4.71 | 1.30 | 4.74 | 1.64 |
| GET pMCAM+IR | 3.89 | 1.57 | 4.53 | 1.72 |

IC₉₀- a dose of irradiation (IR) that reduced survival of cells to 10%; EF- enhancement factor calculated by dividing of IC₉₀ value of IR group with a group of combined treatments with IR.