Supporting information

for

Selenium substitution endows cystine radiosensitization activity
against cervical cancer Hela cells

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Results

![Graph showing cell viability (%) against dose (Gy) for different X-ray doses.]

Figure S1. Effects of X-ray on Hela cells growth. (A) Viability of Hela cells treated by different doses of X-ray, and then cultured for 24 h. (B) Flow cytometric analysis of Hela cells exposed to X-ray at 1-4 Gy and cultured for 24 h.
**Figure S2.** Survival fraction of Hela cells treated with SeC or Cys with or without X-ray by clonogenic assay.

**Figure S3** Effects of SeC and X-ray on Hela cell morphology. Cells were treated with SeC for 2 h, exposed to X-ray (2 Gy) and then cultured for 24 h.
**Figure S4.** Viability of Caski and Siha cells treated with SeC and X-ray. Cell viability was determined by MTT assay.