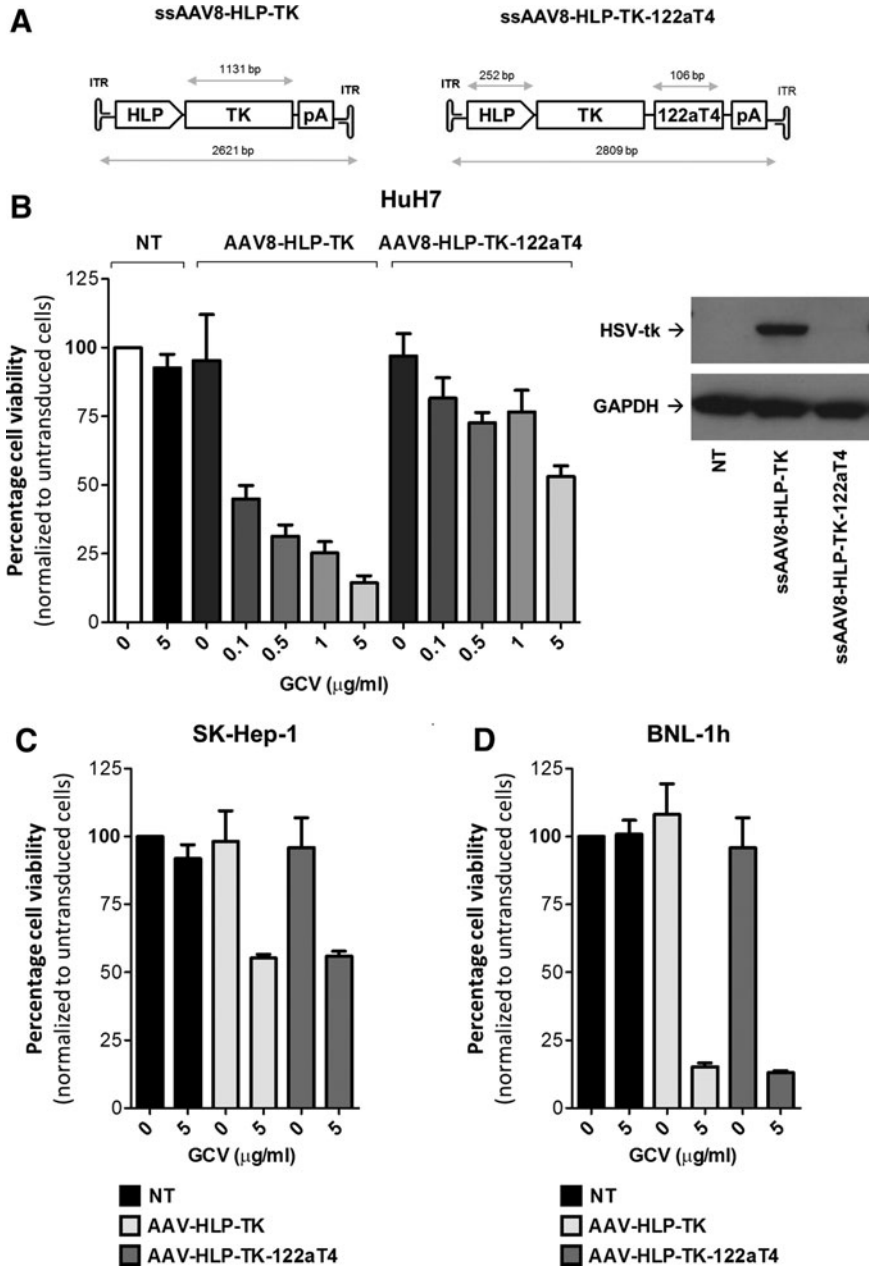


**SUPPLEMENTARY FIG. S6.** *In vitro* assessment of rAAV8 vectors encoding *TK*. **(A)** The *TK* suicide gene was clone into our expression cassette to generate AAV-HLP-TK and AAV-HLP-TK-122aT4 (four miR-122a-binding sites). **(B)** Left panel: Cell viability (percentage of untransduced cells treated with GCV, mean ± SD) in HuH7 cells. Right panel: Western blot analysis of HuH7 cells transduced with ssAAV8-HLP-TH or ssAAV-HLP-TK-122aT4 when compared with untransduced control (NT). **(C)** SK-Hep-1 and **(D)** BNL-1h cells following transduction with ssAAV-HLP-TK and ssAAV-HLP-TK-122aT4 vector at MOI of $1 \times 105$ ($n = 3$). NT = nontransduced, which served as control. GCV was added to the media at the concentration reported on the *x*-axis.