



SUPPLEMENTARY FIG. S7. SPECT-CT imaging. NOD/SCID mice bearing human SK-Hep-1 xenografts were transduced with (A) no vector (CTRL) ($n=5$; M1–M5), (B) ssAAV8-HLP-TK vector ($n=5$; M6–M10), or (C) ssAAV8-HLP-TK-122aT4 vector ($n=5$; M11–M15). Four days after tail vein administration of vectors, SPECT-CT images were acquired 30 min and 3 hr after iv injection of [125 I]FIAU. SPECT imaging ranged between lower chests to mid-abdomen. Color bars represent radiotracer uptake in units of %ID/g, with yellow corresponding to the highest activity and blue to the lowest activity. Images are maximum intensity projections. The green circles indicate the xenograft; star, stomach; diamonds, liver; and arrows, gallbladder.