



Figure S1 Effect of 3UP8i treatment on splicing of *SMN2* in vivo. **(a)** Splicing of endogenous *SMN2* exon 7 in liver. Various ASOs were administrated through IP injection at 10, 20, and 40 µg/g body weight, daily for three days. Tissues were harvested for analysis 24 hours after the third injection. **(b)** Splicing of endogenous *SMN2* exon 7 following IP administration. Animals received injections daily for three days. Tissues were harvested for analysis 24 hours after the third injection. **(c)** Splicing of endogenous *SMN2* exon 7 following ICV administration. Animals received injections daily for three days. Tissues were harvested for analysis 24 hours after the third injection.