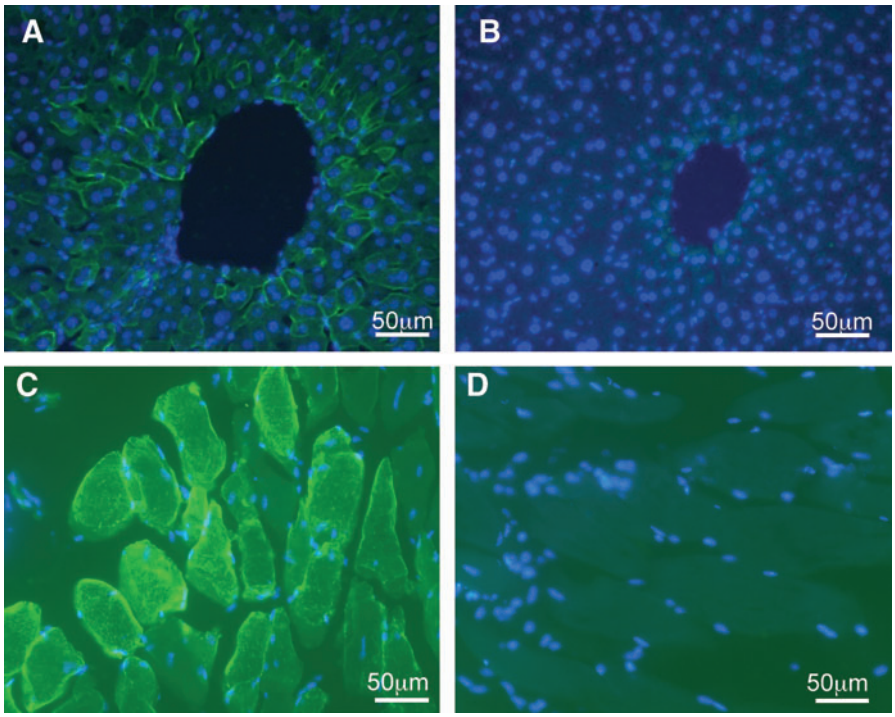
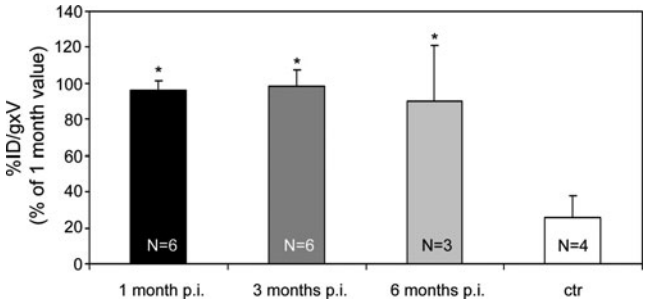


SUPPLEMENTARY FIG. S1. Assessment of hSSTR2 expression by immunofluorescence in murine liver and muscle transduced with AAV. Adult C57bl/6 mice were injected with 1×10^{11} gc of AAV2/1-TBG-hSSTR2 (**A**) or AAV2/1-CMV-hSSTR2 (**C**), and transduced tissues were collected 6 months later. hSSTR expression was assessed by anti-SSTR2 immunofluorescence. A specific, membrane-localized, FITC signal is evident in both transduced liver (**A**) and muscle (**C**). Immunofluorescence analysis with anti-SSTR2 antibodies of liver (**B**) and muscle (**D**) sections from control uninjected mice was also performed.



SUPPLEMENTARY FIG. S2. Persistence of high ^{68}Ga-DOTATATE uptake in liver of immunodeficient mice injected with AAV. PET imaging of hSSTR2 following systemic administration of ^{68}Ga-DOTATATE was performed 1, 3, and 6 months after AAV delivery, and the %ID/g×V was measured. The bar labeled "ctr" corresponds to control mice injected with AAV2/8-TBG-eGFP or AAV2/8-TBG-LacZ vectors ($n=4$). The %ID/g×V value is expressed as percentage of the %ID/g×V measured in mice injected with AAV2/8-TBG-hSSTR2 1 month post injection. Results are reported as means ± SE. *$p \leq 0.03$ vs. ctr. The number of animals analyzed in each group is reported in the corresponding bar.