



Figure S1 Schematic representation of the AAV8 construct maps used. In each construct, the transgene was under the control of the liver specific promoter. **A.** Generalised schematic map, **B.** AAV8-*INS-FUR*-mCherry, **C.** AAV8-*INS-FUR*-Venus and **D.** AAV8-*Pdx1*. **Key:** Black filled squares represent the ITR sequences; LSP1 represents the liver specific promoter; the transgenes used were either human *INS-FUR* or murine *Pdx1*; IRES represents the internal ribosome entry site; the fluorophores used were either mCherry (red) or Venus (green); WPRE represents a Woodchuck Hepatitis Virus (WHP) Posttranscriptional Regulatory Element; pA represents a polyadenylation signal.