

OMTN, Volume 27

Supplemental information

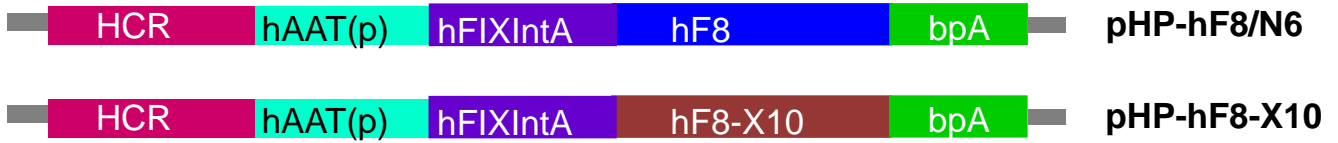
Ultrasound-mediated gene delivery

of factor VIII plasmids

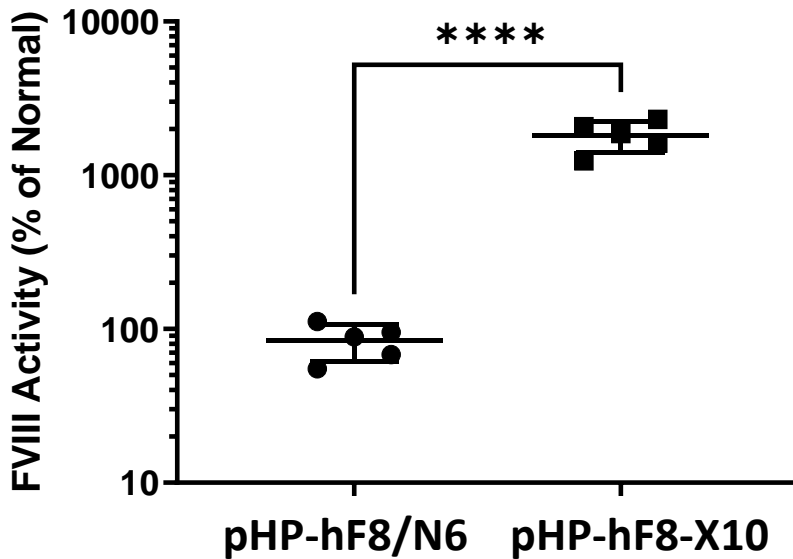
for hemophilia A gene therapy in mice

Shuxian Song, Meghan J. Lyle, Misty L. Noble-Vranish, Dominic M. Min-Tran, James Harrang, Weidong Xiao, Evan C. Unger, and Carol H. Miao

a



b



Supplemental figure 1. Comparison of FVIII expression in Hema mice following hydrodynamic injection of FVIII variant plasmids. Two groups of mice (n=5) were injected hydrodynamically with two different FVIII variant plasmids, pHP-hF8/N6 and pHP-hF8-X10, respectively at 100 μ g for each mouse. Blood was collected at day 1 post injection. (a) Structure of two hF8 variant plasmids. (b) FVIII activity in mouse plasma was examined by a modified aPTT assay.