

Estimating drug efficacy with a diet-induced NASH model in chimeric mice with humanized livers

Running head: NASH model using human liver chimeric mice

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Supplementary Methods

Generation of a CDAHFD-induced NASH model using C.B17 SCID mice

Chimeric mice (15 to 18-week-old, male) with h-heps {(IVT-JFC: 1-year-old Caucasian male, purchased from Bio-IVT (Westbury, NY, USA)) and C.B17 SCID mice (6-week-old, male, Charles River Japan, Yokohama, Japan) were fed a CDAHFD or standard diet for 14 weeks.

Restoration study

Study design is shown in supplemental Figure 5A. The chimeric mice were given CDAHFD for 12 weeks and then returned to a standard diet or continued a CDAHFD for 4 weeks. (n = 4 per group).