

YMTHE, Volume 25

Supplemental Information

TLR9-Mediated Conditioning of Liver Environment

Is Essential for Successful Intrahepatic

Immunotherapy and Effective Memory Recall

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Supplemental Figure S1

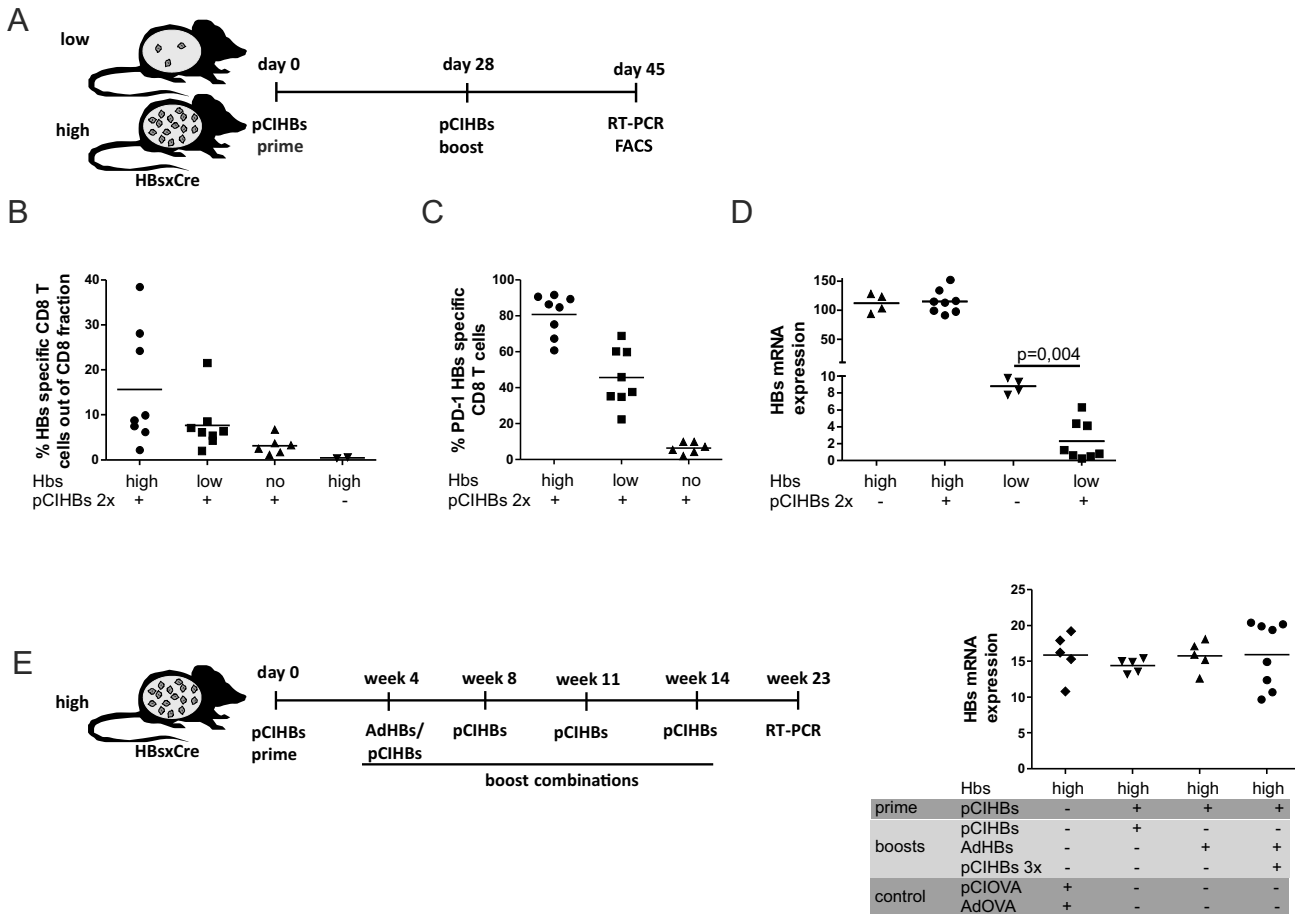


Figure S1. Vaccination of HBsxCre mice with standard vaccination regimes. (A) HBsxCre mice were vaccinated with pCIHBs prime / pCIHBs boost regime and were analysed on day 45. (B) Frequency of HBs specific CD8 T cells on day 45 post vaccination, stained with HBs specific pentamers. (C) PD-1 determined on intrahepatic HBs specific CD8 T cells. (D) Relative HBs mRNA expression determined by RT-PCR in liver tissue on day 45 post vaccination, (two independent experiments). (E) Various boosting vaccination strategies comprise the following regimes: pCIHBs prime / pCIHBs boost, pCIHBs prime / AdHBs boost and pCIHBs prime / AdHBs boost followed by three subsequent pCIHBs boosts. As control, vaccination was performed with pCIOVAprime / AdOVA boost as a non-cognate antigen. Relative HBs mRNA expression was determined by RT-PCR in liver tissue 2 weeks after boost with pCIHBs or AdHBs, and 9 weeks after triple pCIHBs boosts.