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Supplemental Information

Hepatitis Delta Virus Acts as an Immunogenic Adjuvant in Hepatitis B Virus-Infected Hepatocytes

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NTCP

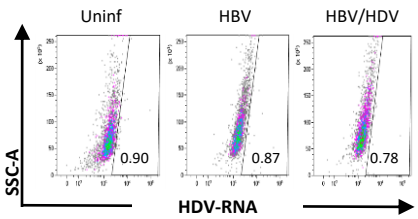

Figure S1: Expression of HDV RNA in HepG2-hNTCP cells quantified by PrimeFlow RNA Assay, related to Fig 1. A representative dot plot of the uninfected, HBV mono-infected and HBV/HDV infected cells are shown.

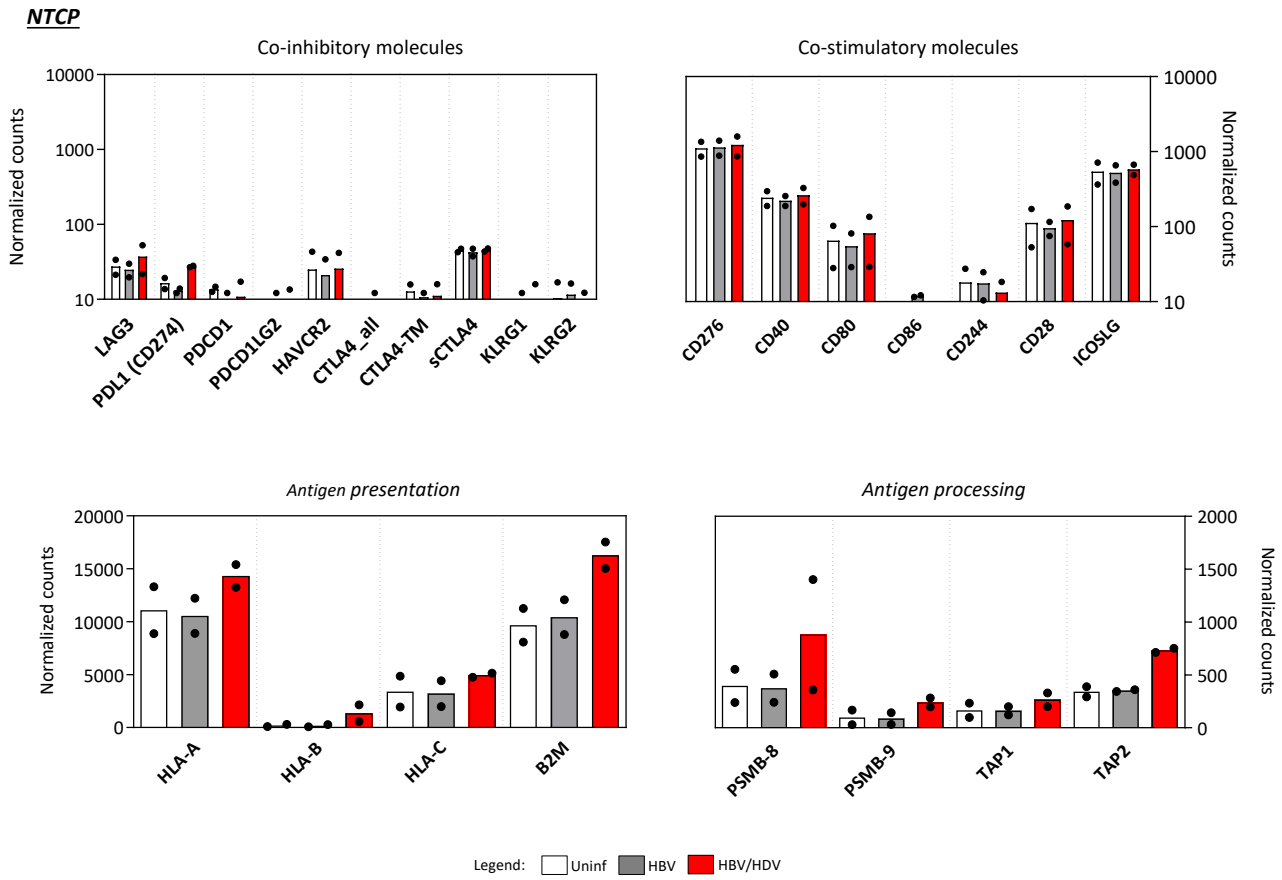

Figure S2: Expression of immune genes in HepG2-hNTCP cells, related to Fig 2. Normalized counts of nanostring probes corresponding to co-inhibitory molecules, co-stimulatory molecules, antigen presentation (HLA-A, -B, -C and B2M) and antigen processing (PSMB-8, -9, TAP-1 and -2) were depicted in infected HepG2-hNTCP cells. Bars represent the mean normalized count and each dot depicts a single experiment (n=2).

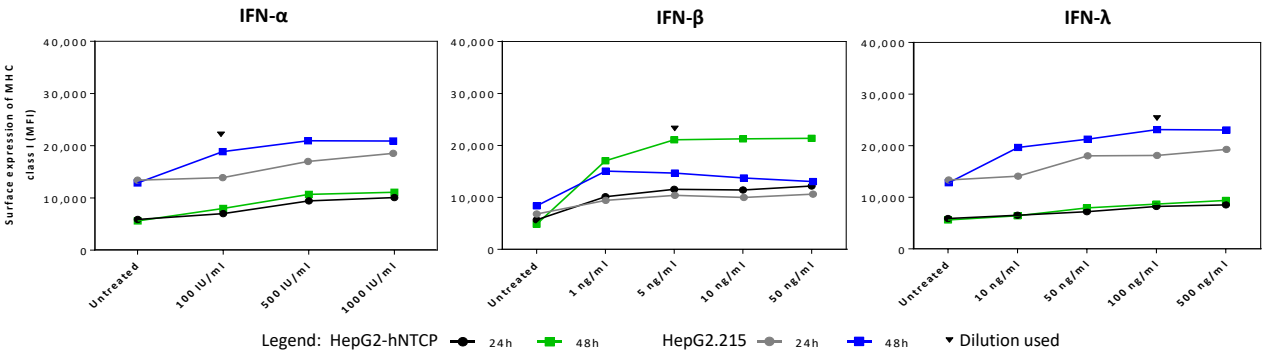

Figure S3: Titration of IFN-α, IFN-β and IFN-λ for 24 and 48 hour duration to determine the amount of IFNs to use for maximal surface expression of MHC class I complexes, related to Fig 4. HepG2-hNTCP and HepG2.2.15 cells were treated for either 24 or 48 hours in the respective IFN doses and stained with anti-MHC class I antibodies to determine the surface expression of IFN-induced MHC Class I complexes.