

**Supplemental digital content 4. IL-22BP reverts IL-22 mediated gene induction in hepatocytes.** HepG2 cells stimulated with 50 ng/ml recombinant IL-22 alone or in combination with varying concentrations of recombinant IL-22BP for 4 hours. Gene expression quantitative polymerase chain reaction and presented relative to GAPDH and an unstimulated control. Bars represent means and SD of triplicates. *SAA1-2*: Serum amyloid A 1 and 2, *LCN*2: lipocalin-2, *BCL2*: B-cell lymphoma 2, *STAT3*: signal transducer and activator of transcription 3, *SOCS3*: suppressor of cytokine signalling 3.