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Host Responses and Regulation by NF κ B Signaling in the Liver and Liver Epithelial Cells Infected with the Novel Tick-borne Bunyavirus

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Supplemental Figure F1. Induction of proinflammatory cytokines and chemokines in SFTSV-infected MHCC-LM3 cells. Total RNA was prepared from uninfected or infected cells at indicated time points and used for reverse transcription and real-time PCR analyses with specific primers to cytokine genes or the S gene. Reactions were conducted in duplicates and each reaction was repeated at least three times; a representative result is presented. Fold changes were calculated relative to a gene in uninfected and infected cells, which were internally normalized to GAPDH. Fold changes in mRNA levels for IL-1 β (A), IL-6(B), IL-8 (C) and MIP-3 α (D); and RANTES(E), IP-10(F), TNF- α (G) and S gene (H).

