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Title:

Altered expression of interferon-stimulated genes is strongly associated with therapeutic outcomes in hepatitis B virus infection

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Keywords: chronic hepatitis B; antiviral therapy; IFN signaling pathway; STAT1; MX

Abbreviations: Peg-IFN, pegylated interferon; HBeAg, hepatitis B e antigen; HBsAg, hepatitis B surface antigen; NAs, nucleot(s)ide analogues; CHB, chronic hepatitis B; ETV, entecavir; ISGs, interferon-stimulated genes; SOCS3, suppressor of cytokine signaling 3; HBV, hepatitis B virus; HCC, hepatocellular carcinoma; cccDNA, covalently closed circular DNA; JAK, Janus kinase; STAT, signal transducers and activators of transcription; ISGF3, interferon-stimulated gene factor 3; IRF9, interferon regulatory factor 9; ISREs, interferon-stimulated response elements; MX, myxovirus resistance protein A; 2'5'-OAS, 2',5'-oligoadenylate synthetase; PKR, RNA-activated protein kinase; PBMCs, Peripheral blood mononuclear cells; HBeAb, hepatitis B e antibody; HBsAb,

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