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Host genetic factors affecting hepatitis B infection outcomes: Insights from GWAS

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Abstract

The clinical outcome of Hepatitis B Virus (HBV) infection varies widely among individuals, ranging from asymptomatic self-limited infection to inactive carrier state, chronic hepatitis, cirrhosis, hepatocellular carcinoma, and liver failure, depending on the success or failure of immune response to HBV. Genome-wide association studies (GWAS) identified key genetic factors influencing the

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