

Figure S2. Principal component (PC) analysis visualization for the cluster structure of viral load-associated viral single nucleotide polymorphisms with p values of \leq 0.01. Shown are top PCs with eigenvalues>1 that contain covarying viral SNPs in HBV subgenotype Ba (A) and Ce (B) group, respectively. The histogram bars are shown in color for factor-loading scores (a measure of the importance of the corresponding nucleotide variant type in defining particular PC). PC-correlated SNPs were those SNPs that shared \geq 16% of the variance with the PC, corresponding to a factor-loading score (i.e., correlation) of \geq 0.4.