

The primers used for amplification span the EcoRI site. To comply with HBV numbering conventions, variant positions were reindexed based on the non-concatenated reference sequence.

The bash script `reindex_vcf.sh` (`./src/.docker_modules/bash/reindex_vcf/reindex_vcf.sh`) was developed to automate the identification of primer binding sites, the EcoRI site, and the gap within reference sequences. The script uses BLAST to accurately locate primer positions and the gap, while the EcoRI site is inferred from the length of the reference sequence.

