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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Polymorphism | Author | Year | population | Sample size | | MAF(%)  (controls) | Influence on | References |
| cases | controls |
| rs3804100  (T/C) | Chen et al. | 2017 | Chinese Han male | 688 | 686 | 25.25 | HBV clearance and the risk of HBV-related HCC | [46] |
| Chen et al. | 2011 | Chinese Han | 24 | 46 | 22.70 | Response to hepatitis B vaccine | [47] |
| rs3804099  (T/C) | Lin et al. | 2018 | Chinese Han | 60 | 151 | 43.75 | The progression of hepatitis B | [42, 48] |
| Xie et al. | 2012 | Chinese | 211 | 232 | 31.68 | Susceptibility to HCC | [48] |
| rs4696480  (T/A) | Lin et al. | 2018 | Chinese Han | 60 | 151 | 23.8 | The progression of hepatitis B | [42] |
| Abbreviation: MAF: minor allele frequency; HCC: Hepatocellular carcinoma. | | | | | | | | |