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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Polymorphism | Author | Year | population | Sample size | | MAF(%)  (controls) | Influence on | References |
| cases | controls |
| rs3853839  (C/G) | El-Bendary et al. | 2018 | Egyptian | 1908 | 1460 | - | Susceptibility to HCV infection | [79, 103] |
| rs179008  (A/T) | Fakhir et al | 2017 | Moroccan | 505 | 138 | - | Hepatitis C outcomes and liver disease progression | [78, 79] |
| rs179009 (A/G) | Yue et al. | 2014 | Chinese Han | 754 | 1013 | Male：17.00  Female：16.70 | Susceptibility to HCV infection | [105, 106] |
| Wei et al. | 2014 | Chinese Han | 150 | 161 | Male：29.07  Female：41.33 | Susceptibility to HCV infection | [107] |
| rs179016  (G/C) | Xue et al. | 2015 | Chinese | 1176 | 1107 | 13.03 | HCV clearance | [108] |
| rs1634323  (A/G) | Xue et al. | 2015 | Chinese | 1176 | 1107 | 3.86 | Susceptibility to HCV infection | [108] |
| Abbreviation: MAF: minor allele frequency. | | | | | | | | |