**Table S1. Primers sequences of selected SNPs in IFIH1 and DHX58 gene**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SNPs** |  | **Primers sequences（5’-3’）** | **MAF** | ***PHWE*** |
| rs10930046  | Primers | F: GCTGTTAGTCCCAGTATCTGAGGGAA | 0.125 | 0.841 |
| (T>C) |  | R: ATCACACCAACAAAGAAGCAGTGT |  |  |
|  | Probes | FAM- CATCAAATAATGCCTCATG-MGBHEX- CATCAAATAACGCCTCAT-MGB |  |  |
| rs2074158  | Primers | F: CCTCATGTACCAGCCTCTTTCTC | 0.188 | 1.000 |
| (A>G) |  | R: CCAGAAGGTTCAGGGTTCCA |  |  |
|  | Probes | FAM- CAAGAAGTGATCCGGAA-MGB |  |  |
|  |  | HEX- TGATCCAGAAGTTCCA-MGB |  |  |
| rs2074160 | Primers | F: CTCTTCCAGGTACAAATGATCTTAGTTC | 0.167 | 0.336 |
| (G>A) |  | R: CGCCCGCTTGGTCAAG  |  |  |
|  | Probes | FAM- CCCCAGATCCGGG-MGB |  |  |
|  |  | HEX-ACCCCAGATCCAGG-MGB  |  |  |
| MAF and *PHWE* were calculating from 554 East Asian population in 1000 Genomic Project using *PLINK* (v.1.90) |