**Table S1.** Family-based association result for FEV1 in the discovery stage (participants without known respiratory disease only).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Chr | SNP | Position\* | Nearest gene | Minor Allele | MAF | *P* value |
|
| 12 | rs12582875 | 127598647 | *TMEM132C* | A | 0.161 | 7.12 × 10-6 |
|  |  |  |  |  |  |  |
| 6 | rs4710230 | 167603059 | *UNC93A* | T | 0.387 | 8.49 × 10-6 |
| rs3010558 | 167616938 | *UNC93A* | T | 0.383 | 2.7 × 10-5 |
|  |  |  |  |  |  |  |
| 3 | rs264676 | 65861112 | *MAGI1* | G | 0.307 | 4.63 × 10-6 |
|  |  |  |  |  |  |  |
| 18 | rs7504607 | 73349291 | *GALR1* | C | 0.458 | 3.7 × 10-5 |
|  |  |  |  |  |  |  |
| 4 | rs6855113 | 121225082 | *MAD2L1* | T | 0.079 | 5.7 × 10-6 |
| rs6831851 | 121241185 | *MAD2L1* | C | 0.079 | 5.7 × 10-6 |

\* SNP postions are based on NCBI Build 36

Chr, Chromosome; MAF, Minor allele frequency