**Table S4.** Meta-analysis on 13 genotyped SNPs outside of 2p16.1 reaching *P* < 1 × 10-5 in the isolated BA cohort.

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| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **SNP** | **Position** | **Alleles (minor/major)** | **Isolated BA cohort** **MAF (cases)** | **MAF (controls)** | **Odds ratio** **(95% CI)** | ***P*-value** | **Non-isolated BA cohort MAF (cases)** | **MAF (controls)** | **Odds ratio** **(95% CI)** | ***P*-value** | **Meta-analysis *P*-value** |
| rs356287 | Chr1:80977963 | G/A | 0.46 | 0.36 |  1.48 (1.25, 1.74) | 1.20 × 10-5 | 0.41 | 0.36 | 1.22 (0.90, 1.64) | 0.109 | 4.09 × 10-6 |
| rs12023563 | Chr1:210436110 | A/G | 0.23 | 0.32 | 0.63 (0.52, 0.77) | 2.89 × 10-6 | 0.27 | 0.32 | 0.80 (0.58, 1.10) | 0.285 | 3.91 × 10-6 |
| rs10432708 | Chr2:29534329 | T/C | 0.37 | 0.46 | 1.46 (1.23, 1.72) | 3.91 × 10-6 | 0.43 | 0.42 | 0.99 (0.74, 1.33) | 0.567 | 1.47× 10-4 |
| rs4666199 | Chr2:29535197 | C/T | 0.37 | 0.47 | 1.46 (1.23, 1.72) | 3.82 × 10-6 | 0.43 | 0.43 | 1.00 (0.75, 1.35) | 0.627 | 1.26× 10-4 |
| rs1358516 | Chr2:29536711 | A/G | 0.36 | 0.45 | 0.68, (0.57, 0.80) | 2.43× 10-6 | 0.42 | 0.42 | 1.01 (0.75, 1.36) | 0.579 | 9.47 × 10-5 |
| rs10173589 | Chr2:238457684 | G/A | 0.27 | 0.20 | 1.49 (1.24, 1.80) | 4.65 × 10-6 | 0.21 | 0.21 | 0.96 (0.67, 1.38) | 0.697 | 1.25× 10-4 |
| rs74795082 | Chr3:24778322 | T/C | 0.06 | 0.12 | 0.48 (0.34, 0.66) | 5.49× 10-6 | 0.14 | 0.15 | 0.94 (0.62, 1.42) | 0.929 | 1.01× 10-4 |
| rs72826622 | Chr6:20193704 | T/C | 0.12 | 0.07 | 1.96 (1.51, 2.55) | 1.28× 10-6 | 0.07 | 0.10 | 0.67 (0.39, 1.16) | 0.210 | 1.95× 10-4 |
| rs9460468 | Chr6:20194650 | C/T | 0.12 | 0.07 | 1.96 (1.51, 2.56) | 1.19× 10-6 | 0.07 | 0.10 | 0.67 (0.39, 1.15) | 0.203 | 1.89× 10-4 |
| rs17078277 | Chr6:148695175 | G/A | 0.10 | 0.05 | 2.10 (1.56, 2.83) | 9.90× 10-7 | 0.06 | 0.06 | 1.09 (0.60, 2.01) | 0.859 | 2.54 × 10-5 |
| rs58833571 | Chr6:148701214 | A/C | 0.10 | 0.05 | 2.09 (1.55, 2.80) | 1.19× 10-6 | 0.07 | 0.06 | 1.13 (0.62, 2.07) | 0.962 | 2.13 × 10-5 |
| rs4781487 | Chr16:13555023 | G/A | 0.44 | 0.35 | 1.47 (1.24, 1.73) | 6.54× 10-6 | 0.33 | 0.38 | 0.83 (0.61, 1.12) | 0.216 | 8.84× 10-4 |
| rs6091375 | Chr20:50406630 | G/T | 0.02 | 0.06 | 0.36 (0.22, 0.60) | 1.28× 10-5 | 0.08 | 0.07 | 1.27 (0.73, 2.22) | 0.378 | 8.77× 10-4 |
| *P*-values were calculated by SNPTEST using the frequentist likelihood score method under an additive genetic effect model adjusted by statistically significant principal components, and meta-analysis *P*-values were calculated using METAL. |
| MAF: minor allele frequency. CI: confidence interval.  |  |  |  |  |  |  |  |