**Table S3. Results of the stratified analysis of associations between GWAS SNPs and UF risk**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Genetic variant | Effect allele | Other  allele | N | OR  [95% CI]1 | *p*2 | N | OR  [95% CI]1 | *p*2 |
|  |  |  | Without induced abortions | | | Induced abortions | | |
| rs66998222  *LOC102723323* | A | G | 335 | 0.93 (0.65-1.33) | 0.69 | 585 | **0.70 (0.54-0.91)** | **0.0085** |
| rs59760198  *DNM3* | T | C | 325 | 0.98 (0.71-1.35) | 0.89 | 576 | 1.17 (0.90-1.51) | 0.24 |
| rs10929757  *GREB1* | A | C | 334 | 1.06 (0.77-1.47) | 0.71 | 584 | 0.88 (0.69-1.12) | 0.29 |
| rs9419958  *STN1* | T | C | 335 | 1.23 (0.82-1.82) | 0.31 | 585 | 1.21 (0.88-1.66) | 0.24 |
| rs1812266  *LOC105375949* | C | G | 335 | 1.23 (0.90-1.67) | 0.19 | 585 | 1.05 (0.82-1.34) | 0.69 |
| rs1986649  *FOXO1* | T | C | 334 | 1.45 (0.98-2.15) | 0.059 | 585 | 0.94 (0.69-1.28) | 0.7 |
| rs641760  *PITPNM2* | T | C | 329 | 1.04 (0.72-1.49) | 0.84 | 585 | **0.71 (0.53-0.96)** | **0.026** |
| rs2235529  *WNT4* | T | C | 327 | 0.95 (0.61-1.48) | 0.82 | 584 | 1.20 (0.86-1.69) | 0.28 |
| rs2553772  *LOC105376626* | T | G | 331 | **0.61 (0.45-0.82)** | **0.0012** | 585 | 1.04 (0.82-1.32) | 0.75 |
| rs11031731  *THEM7P, WT1* | A | G | 335 | 1.27 (0.80-2.01) | 0.3 | 585 | **1.60 (1.12-2.28)** | **0.0075** |
|  |  |  | Without PID | | | With PID | | |
| rs66998222  *LOC102723323* | A | G | 696 | 0.80 (0.63-1.02) | 0.07 | 136 | 0.75 (0.44-1.29) | 0.3 |
| rs59760198  *DNM3* | T | C | 679 | 0.95 (0.76-1.20) | 0.69 | 134 | 1.30 (0.77-2.17) | 0.32 |
| rs10929757  *GREB1* | A | C | 696 | 0.91 (0.73-1.13) | 0.39 | 135 | 1.66 (0.96-2.86) | 0.063 |
| rs9419958  *STN1* | T | C | 696 | 1.26 (0.96-1.66) | 0.098 | 136 | 2.26 (1.00-5.11) | 0.04 |
| rs1812266  *LOC105375949* | C | G | 696 | 1.15 (0.92-1.42) | 0.22 | 136 | 1.14 (0.69-1.87) | 0.62 |
| rs1986649  *FOXO1* | T | C | 696 | 1.18 (0.90-1.55) | 0.22 | 135 | 1.01 (0.52-1.97) | 0.97 |
| rs641760  *PITPNM2* | T | C | 691 | 0.80 (0.62-1.04) | 0.098 | 135 | 0.65 (0.33-1.25) | 0.2 |
| rs2235529  *WNT4* | T | C | 690 | 0.96 (0.71-1.29) | 0.77 | 133 | 2.16 (0.98-4.78) | 0.046 |
| rs2553772  *LOC105376626* | T | G | 693 | 0.85 (0.69-1.05) | 0.12 | 135 | 0.70 (0.42-1.18) | 0.18 |
| rs11031731  *THEM7P, WT1* | A | G | 696 | **1.43 (1.04-1.96)** | **0.024** | 136 | 2.01 (0.91-4.43) | 0.071 |

CI, confidence interval; GWAS, genome-wide association studies; OR, odds ratio; PID, pelvic inflammatory disease; SNP, single nucleotide polymorphism; UF, uterine fibroid.