**Table S2. Genome-wide meta-analysis of caffeine consumption (*P*<10-6): Gender and study effects**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Index SNP | Chr | EA | Primary Analysis,All Studies & Subjects | Females | Males | Excluding WGHS |
|  |  |  | N | β | *P* | *P*het\* | N  | β | *P* | *P*het\* | N | β  | *P*  | *P*het\* | N | β | *P* | *P*het\* |
| rs4410790 | 7 | T | 36013 | -0.15  | 2.4×10-19 | 0.14 | 27988 | -0.15 | 2.4×10-16 | 0.04 | 5420 | -0.16 | 0.0053 | 0.75 | 13355 | -0.09 | 0.0019 | 0.63 |
| rs2470893 | 15 | T | 47341 | 0.12 | 5.2×10-14 | 0.68 | 32709 | 0.12 | 9.5×10-11 | 0.51 | 12027 | 0.16 | 5.3×10-5 | 0.94 | 24683 | 0.12 | 3.5×10-7 | 0.58 |
| rs2472304 | 15 | A | 47325 | 0.08  | 2.5×10-7 | 0.06 | 32706 | 0.07 | 3.1×10-5 | 0.19 | 12014 | 0.12 | 0.00061 | 0.17 | 24667 | 0.09 | 3.1×10-5 | 0.05 |
| rs6495122 | 15 | A | 47341 | -0.07 | 5.8×10-7 | 0.09 | 32709 | -0.07 | 1.8×10-5 | 0.07 | 12027 | -0.10 | 0.0024 | 0.36 | 24683 | -0.08 | 0.00011 | 0.06 |
| rs12148488 | 15 | T | 47341 | -0.07  | 5.9×10-7 | 0.43 | 32709 | -0.08 | 2.2×10-6 | 0.51 | 12027 | -0.07 | 0.048 | 0.23 | 24683 | -0.07 | 0.00029 | 0.35 |

Chr, chromosome; EA, effect allele

\**P* value for between study heterogeneity