**Supplementary Material 4. Summary statistics for SNPs significantly associated with serum CRP in discovery and replication set**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| SNP | Chr | Nearbygene | Positiona | EA | RA | Discovery set | Replication set |
| P-value | P-value | Replication b  |
| rs2794520 | 1 | CRP | 159678816 | C | T | 5.25x10-176 | 4.08x10-32 | O |
| rs12133641 | 1 | IL6R | 154428283 | G | A | 9.44x10-43 | 1.23x10-7 | O |
| rs71086917 | 1 | LINC02819 | 159455503 | insA | - | 2.19x10-14 | 2.59x10-3 | O |
| rs2209707 | 1 | LEPR | 65930134 | A | G | 3.39x10-12 | 4.03x10-2 | X |
| rs1260326 | 2 | GCKR | 27730940 | C | T | 1.04x10-25 | 4.18 x10-6 | O |
| rs9267444 | 6 | MICB | 31483458 | A | G | 2.56x10-9 | 5.91x10-2 | X |
| rs7383869 | 7 | IL6 | 22748190 | A | G | 1.84x10-30 | 1.16x10-8 | O |
| rs397846785 | 10 | EXOC6 | 94797202 | delT | - | 2.72x10-8 | 3.87x10-1 | X |
| rs79320731 | 12 | HNF1A | 121422449 | CTGACTGGCACTCAGCA | T | 4.47x10-81 | 2.42x10-21 | O |
| rs28608119 | 15 | ONECUT1 | 53096635 | T | C | 1.89x10-9 | 7.03x10-2 | X |
| rs429358 | 19 | APOE | 45411941 | C | T | 1.81x10-107 | 1.61x10-22 | O |
| rs1555837686 | 20 | PCIF1 | 44557216 | insAGAGA | - | 1.71 x10-8 | 1.50x10-1 | X |
| rs4817983 | 21 | LINC02943 | 40464924 | C | G | 5.02x10-9 | 2.12x10-1 | X |

Age, sex, study centers, survey years, and first 10 principal components were adjusted in all models.

a Position of the SNPs were derived from GRCh37.

b The Benjamin-Hochberg method was applied for multiple testing corrections.

EA: effective allele; EAF: effective allele frequency; RA: reference allele; SNP: single nucleotide polymorphism