**Supplementary Table 3** Result of logistic regression analysis performed for weighting

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| rs# | Near gene | Major/minor allele | Risk allelea | Coefficientb | 95% CI | P value |
| rs3732379 | *CX3CR1* | C/T | C | -0.27 | (-0.63, 0.094) | 0.15 |
| rs17319721 | *SHROOM3* | G/A | A | -0.094 | (-0.36, 0.17) | 0.49 |
| rs1800591 | *MTP* | G/T | G | -0.27 | (-0.48, -0.07) | 0.009 |
| rs4744712 | *PIP5K1B* | C/A | A | 0.085 | (-0.059, 0.23) | 0.25 |
| rs662799 | *APOA5* | A/G | G | 0.048 | (-0.098, 0.19) | 0.52 |
| rs3782886 | *BRAP* | A/G | G | 0.15 | (-0.0066, 0.31) | 0.061 |
| rs2467853 | *SPATA5L1* | G/T | G | -0.3 | (-0.65, 0.04) | 0.086 |
| rs1024611 | *MCP1* | C/T | T | 0.24 | (0.097, 0.38) | <0.001 |

rs#, rs number; CI, confidence interval; FDR, false discovery rate

a The allele that decreased eGFR was defined as risk allele.

b Coefficient represents logit in logistic regression analysis.