Supplementary table 3 Association of 7 SNPs with waist circumstance, blood pressure and fasting glucose level in Chinese children

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SNP | Nearest gene | Effect allele  | Waist circumstance | 　 | SBP | 　 | DBP | 　 | Fasting glucose |
| β(s.e.m.)\* | *P*-value\* | 　 | β(s.e.m.) | *P*-value | 　 | β(s.e.m.) | *P*-value | 　 | β(s.e.m.) | *P*-value |
| rs780094 | *GCKR* | A | 0.03(0.44) | 0.940  |  | 0.69(0.50) | 0.175  |  | 0.48(0.37) | 0.195  |  | -0.001(0.02) | 0.934  |
| rs343064 | *PDGFA* | T |  -0.45(0.43) | 0.289  |  | -0.03(0.49) | 0.953  |  | 0.40(0.36) | 0.265  |  | -0.01(0.02) | 0.559  |
| rs2645424 | *FDFT1* | C | 0.39(0.50) | 0.440  |  | -0.11(0.58) | 0.848  |  | -0.01(0.43) | 0.991  |  | -0.01(0.02) | 0.589  |
| rs1227756 | *COL13A1* | G | 0.48(0.47) | 0.313  |  | 0.80(0.55) | 0.143  |  | 0.41(0.40) | 0.313  |  | 0.01(0.02) | 0.544  |
| rs6591182 | *EHBP1L1* | A |  -0.38(0.43) | 0.379  |  | 0.27(0.49) | 0.590  |  | 0.07(0.36) | 0.856  |  | -0.003(0.02) | 0.877  |
| rs2228603 | *NCAN* | T |  -0.03(0.72) | 0.967  |  | 1.04(0.83) | 0.212  |  | 0.27(0.61) | 0.655  |  | 0.04(0.03) | 0.198  |
| rs738409 | *PNPLA3* | G |  -0.85(0.45) | 0.060  | 　 | -0.18(0.52) | 0.731  | 　 | 0.05(0.39) | 0.887  | 　 | 0.01(0.02) | 0.466  |

\* Linear regression analyses of waist circumstance and SNPs were conducted under the additive model with age and gender as covariates.

Linear regression analyses of blood pressure and fasting glucose level were conducted under the additive model with age, gender and BMI-SDS as covariates.

SBP, systolic blood pressure; DBP, diastolic blood pressure; FPG, fasting glucose.