**Table S2. Genotype by sex-interaction analyses of adult anthropometric traits. Data from the regression analysis of rs7759938 is shown in upper panel and rs314279 in lower panel.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **rs7759938** |  |  | |  |
| **RESPONSE VARIABLE** | **N (M,F)** | **BETA (SE)** | **P** | |
| Height | 26379 (12258, 14121) | 0.014 (0.019) | 0.44 | |
| Weight | 26377 (12257, 14120) | 0.002 (0.019) | 0.90 | |
| BMI | 26375 (12256, 14119) | 0.001 (0.019) | 0.96 | |
| Waist | 26314 (12291, 14023) | -0.015 (0.019) | 0.43 | |
| Hip | 26313 (12289, 14024) | 0.001 (0.019) | 0.95 | |
| WHR | 26307 (12286, 14021) | -0.024 (0.019) | 0.20 | |
|  |  |  |  | |
| **rs314279** |  |  |  | |
| **RESPONSE VARIABLE** | **N (M,F)** | **BETA (SE)** | **P** | |
| Height | 26288 (12213, 14075) | -0.002 (0.026) | 0.95 | |
| Weight | 26286 (12212, 14074) | 0.039 (0.026) | 0.14 | |
| BMI | 26284 (12211, 14073) | 0.042 (0.026) | 0.11 | |
| Waist | 26224 (12246, 13978) | 0.037 (0.026) | 0.16 | |
| Hip | 26223 (12244, 13979) | 0.033 (0.026) | 0.21 | |
| WHR | 26217 (12241, 13976) | 0.031 (0.026) | 0.25 | |

The effect allele for both rs7759938 and rs314279 is C. Sex interaction was assessed by a linear regression model including a single marker and sex. BMI = body mass index, WHR = waist to hip ratio.