**S9 Table:** Phenotype information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Phenotype | Phenotype descriptiona | Codea | Sample sizes | | rhob |
| # Females | #Males |
| Height | standing height | 50\_irnt | 193,785 | 166,603 | 0.44617 |
| Body mass | weight | 21002\_irnt | 193,627 | 166,489 | 0.37463 |
| Hip circumference | hip circumference | 49\_irnt | 193,814 | 166,707 | 0.33003 |
| Body fat percentage | body fat percentage | 23099\_irnt | 190,991 | 163,637 | 0.34575 |
| Waist circumference | waist circumference | 48\_irnt | 193,828 | 166,736 | 0.31999 |

aAs referred to in the Neale lab manifest released on July 31, 2018 b Correlation for each phenotype calculated as the Spearman rank correlation coefficient between beta values of females and males