

Description of Additional Supplementary Files

Supplementary Data submitted in one Excel file called “Supplementary Data 1-3” with 3 tabs:

Supplementary Data 1. Distribution of the phenotypes tested in this study across all individuals, or stratified by sex. N=number of samples; Mean=mean; sd= standard deviation; min=minimum; max=maximum.

Supplementary Data 2. Phenome-wide association study across the four reported type-2-diabetes variants. P-values (in our study) are computed using BOLT-MM¹⁸. Add=Additive ; Pat.=Paternal ; Mat.=Maternal ; Diff.=Differential ; P=p-values; B=betas.

Supplementary Data 3. Replication of PofO associations with birth weight reported by Juliusdottir et al⁴¹ . P-values (in our study) are computed using BOLT-MM¹⁸. Add=Additive ; Pat.=Paternal ; Mat.=Maternal ; Diff.=Differential ; P=p-values; B=betas.