

**Table 1.** Sample distributions and phenotype statistics (mean  $\pm$  standard deviations) at the most recent exam.

Family	T2D cases	Unaffected
# Individuals sequenced (% female)	186 (60.8%)	400 (59.6%)
# Individuals imputed (% female)	119 (55.4%)	329 (58.0%)
Age (years)	62.9 $\pm$ 12.7	46.8 $\pm$ 15.7
BMI (kg/m <sup>2</sup> )	32.0 $\pm$ 7.23	31.5 $\pm$ 7.28
Fasting Glucose (mmol/l)	9.29 $\pm$ 4.08	5.71 $\pm$ 2.18
Fasting Insulin (mU/l)	29.3 $\pm$ 40.9	14.7 $\pm$ 13.3
# Individuals with Expression data	215	416