**Supplementary Table 2**Summary of 725 Japanese samples

Phenotype	Normal controls	Type 2 diabetic patients
Number of samples	358	367
Male / Female	145 / 213	191 / 176
Age (years)	$38.1 \pm 14.2$	$64.1 \pm 10.1$
BMI (kg/m <sup>2</sup> )	$21.9 \pm 2.9$	$23.6 \pm 3.4$
HbA1c (%)	$4.7\pm0.3$	$7.4 \pm 1.4$

Age, BMI, and HbA1c are represented as the means  $\pm$  SD. BMI denotes body mass index.