### Supp. Table 1

HbA1c in participants with different Ile191Val zygosity.

| Genotype | Normal glucose | Pre-T2DM and T2DM |
|----------|----------------|-------------------|
|          | HbA1c (%) | HbA1c (%) Adj. sex, age, BMI | HbA1c (%) | HbA1c (%) Adj. sex, age, BMI |
| Ile/Ile (n=19) | 5.59 ± 0.12 | 5.65 ± 0.11 | 6.08 ± 0.13 | 6.02 ± 0.12 |
| Ile/Val (n=17) | 5.32 ± 0.13 | 5.51 ± 0.13 | 6.02 ± 0.11 | 5.90 ± 0.11 |
| Val/Val (n=3) | 5.17 ± 0.30 | 5.36 ± 0.28 | 5.83 ± 0.30 | 5.92 ± 0.28 |

Adj., adjusted; T2DM, type 2 diabetes mellitus