



**Supplementary Fig. 3.** Longitudinal change of fasting plasma glucose (FPG) by single nucleotide polymorphism (SNP) (rs11187850). (A) The x-axis represents years, and the y-axis represents the value of FPG. The slope indicates that the rate of change of FPG varies according to the number of risk alleles of rs11187850 in Korea Genome and Epidemiology Study (KoGES) cohort. (B) The x-axis represents years, and the y-axis represents the value of FPG. The slope indicates that the rate of change of FPG varies according to the number of risk alleles of rs11187850 in Gene-Environment Interaction and phenotype (GENIE) cohort.