



Supplementary Figure 5. Evaluating annotation effect on Posterior Probabilities (PPA) derived from the FGWAS maximum likelihood model at significant T2D GWAS loci. (A) Violin plot showing the distribution of 99% credible set variant size (y-axis, log10 scale) of different annotation types used (x-axis, ChIP-only, ChIP+Meth, ChIP+ATAC, ChIP+ATAC+Meth, ATAC-only and LMR-only model). (B) Violin plot showing the distribution in the maximum single variant PPA (y-axis) of different annotation types used (x-axis, ChIP-only, ChIP+Meth, ChIP+ATAC, ChIP+ATAC+Meth, ATAC-only and LMR-only model). Dots indicate mean value. (C) Median 99% credible set variant size (x-axis) and median top variant PPA (y-axis) information for ChIP-only, ChIP+Meth, ChIP+ATAC, ChIP+ATAC+Meth, ATAC-only and LMR-only models.