

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Results of the two MPRA screens, sorted by absolute $\log_2$ score in L363 cells. The *P*- and *Q*-values are the final results from MPRA-score, integrating all barcodes that represent the variant (i.e., all three genomic windows and both strands).

File Name: Supplementary Data 2

Description: Motif analysis for rs78740585, rs2790444, rs3777182, rs3777183, rs11960493, rs6066832, rs62376437 using PERFECTOS-APE with these databases of motif models: (A) HOCOMOCO-11, (B) JASPAR, (C) HT-SELEX, (D) SwissRegulon, and (E) HOMER. The *P*-values are for motif-to-sequence alignment, as calculated by PERFECTOS-APE.