



Supplementary Fig. 5. Schematic diagram of the mechanism by which long non-coding RNAs (lncRNA) taurine upregulated gene 1 (TUG1) affects gestational diabetes mellitus (GDM). LncRNA TUG1 competitively binds to miR-328-3p, causing the up-regulation of the miR-328-3p target sterol regulatory element binding protein 2 (SREBP-2), thus suppressing the activation of the extracellular signal-regulated kinase (ERK) signaling pathway. By this mechanism, lncRNA TUG1 reduces insulin resistance in GDM mice. AGO2, argonaute 2.