



**Figure S6.** Details of evaluation for the terms of GO and KEGG pathways for the HIF targets. (a) Scatterplot of GO\_BP\_alpha. (b) Scatterplot of GO\_BP\_beta. (c) Scatterplot of KEGG\_alpha. (d) Scatterplot of KEGG\_beta. Y coordinate represents  $-\log_{10}$  of FDR and x coordinate represents  $\log_2$  enrichment ratio. GO: gene ontology; BP: biological process; HIF: hypoxia-inducible factor; KEGG: Kyoto encyclopedia of genes and genomes.