Gene Set Enrichment of Hallmark Pathways MYC TARGETS V2 **SPERMATOGENESIS** PROTEIN SECRETION PI3K AKT MTOR SIGNALING APICAL JUNCTION Biased enrichment IL6 JAK STAT3 SIGNALING Female-biased PANCREAS BETA CELLS Male-biased **EPITHELIAL MESENCHYMAL TRANSITION HYPOXIA INFLAMMATORY RESPONSE** CHOLESTEROL HOMEOSTASIS TNFA SIGNALING VIA NFKB -2 Normalized Enrichment Score