

Hallmark pathways NES from GSEA HALLMARK XENOBIOTIC METABOLISM HALLMARK_MYC_TARGETS_V2 HALLMARK_PANCREAS_BETA_CELLS HALLMARK_MYC_TARGETS_V1 HALLMARK_OXIDATIVE_PHOSPHORYLATION HALLMARK_PEROXISOME HALLMARK HYPOXIA HALLMARK_APOPTOSIS HALLMARK MTORC1 SIGNALING HALLMARK_DNA_REPAIR HALLMARK_TGF_BETA_SIGNALING HALLMARK_E2F_TARGETS HALLMARK_GLYCOLYSIS Pathway HALLMARK_G2M_CHECKPOINT padj < 0.05HALLMARK_P53_PATHWAY **FALSE** HALLMARK_MITOTIC_SPINDLE HALLMARK UV RESPONSE DN HALLMARK_UV_RESPONSE_UP HALLMARK PI3K AKT MTOR SIGNALING HALLMARK_COMPLEMENT HALLMARK HEME METABOLISM HALLMARK_PROTEIN_SECRETION HALLMARK_ESTROGEN_RESPONSE_LATE HALLMARK_ESTROGEN_RESPONSE_EARLY HALLMARK COAGULATION HALLMARK_UNFOLDED_PROTEIN_RESPONSE HALLMARK_TNFA_SIGNALING_VIA_NFKB HALLMARK_INFLAMMATORY_RESPONSE HALLMARK_CHOLESTEROL_HOMEOSTASIS -1.0-0.50.0 0.5 1.5 Normalized Enrichment Score