Hallmark pathways NES from GSEA HALLMARK\_ANGIOGENESIS HALLMARK\_WNT\_BETA\_CATENIN\_SIGNALING HALLMARK\_PANCREAS\_BETA\_CELLS HALLMARK\_TGF\_BETA\_SIGNALING HALLMARK\_SPERMATOGENESIS HALLMARK\_COAGULATION HALLMARK\_MYOGENESIS HALLMARK\_KRAS\_SIGNALING\_DN HALLMARK\_IL6\_JAK\_STAT3\_SIGNALING HALLMARK\_ADIPOGENESIS HALLMARK\_INTERFERON\_ALPHA\_RESPONSE HALLMARK\_APICAL\_JUNCTION HALLMARK\_PEROXISOME HALLMARK\_COMPLEMENT HALLMARK\_KRAS\_SIGNALING\_UP HALLMARK\_APOPTOSIS HALLMARK\_INFLAMMATORY\_RESPONSE HALLMARK\_IL2\_STAT5\_SIGNALING HALLMARK\_HEDGEHOG\_SIGNALING HALLMARK\_ESTROGEN\_RESPONSE\_LATE HALLMARK\_ALLOGRAFT\_REJECTION HALLMARK\_PI3K\_AKT\_MTOR\_SIGNALING HALLMARK\_MITOTIC\_SPINDLE HALLMARK\_P53\_PATHWAY pval < 0.05 Pathway HALLMARK\_INTERFERON\_GAMMA\_RESPONSE **FALSE** HALLMARK\_EPITHELIAL\_MESENCHYMAL\_TRANSITION **TRUE** HALLMARK\_HYPOXIA HALLMARK\_G2M\_CHECKPOINT HALLMARK\_FATTY\_ACID\_METABOLISM HALLMARK\_TNFA\_SIGNALING\_VIA\_NFKB HALLMARK\_E2F\_TARGETS HALLMARK\_UV\_RESPONSE\_DN HALLMARK\_MYC\_TARGETS\_V1 HALLMARK\_APICAL\_SURFACE HALLMARK\_GLYCOLYSIS HALLMARK\_MTORC1\_SIGNALING HALLMARK\_OXIDATIVE\_PHOSPHORYLATION HALLMARK\_UV\_RESPONSE\_UP HALLMARK\_DNA\_REPAIR HALLMARK\_ESTROGEN\_RESPONSE\_EARLY HALLMARK\_XENOBIOTIC\_METABOLISM HALLMARK\_NOTCH\_SIGNALING HALLMARK\_MYC\_TARGETS\_V2 HALLMARK\_ANDROGEN\_RESPONSE HALLMARK\_HEME\_METABOLISM HALLMARK\_PROTEIN\_SECRETION HALLMARK\_REACTIVE\_OXIGEN\_SPECIES\_PATHWAY HALLMARK\_CHOLESTEROL\_HOMEOSTASIS HALLMARK\_BILE\_ACID\_METABOLISM HALLMARK\_UNFOLDED\_PROTEIN\_RESPONSE 0.0 0.3 0.9 0.6 Normalized Enrichment Score