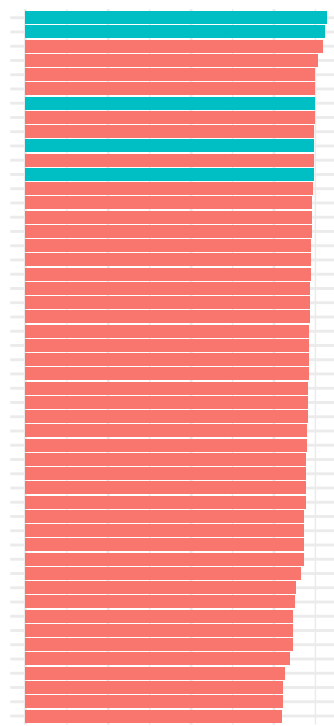


# Hallmark pathways NES from GSEA

Pathway

HALLMARK\_WNT\_BETACATENIN\_SIGNALING  
HALLMARK\_PANCREAS\_BETA\_CELLULARITY  
HALLMARK\_TGF\_BETA\_SIGNALING  
HALLMARK\_SPERMATOGENESIS  
HALLMARK\_COAGULATION  
HALLMARK\_KRAS\_SIGNALING  
HALLMARK\_IL6\_JAK\_STAT3\_SIGNALING  
HALLMARK\_ADIPOGENESIS  
HALLMARK\_INTERFERON\_ALPHA\_RESPONSE  
HALLMARK\_APICAL\_LINCATION  
HALLMARK\_PEROXISOME  
HALLMARK\_COMPLEMENT  
HALLMARK\_KRAS\_SIGNALING  
HALLMARK\_INFLAMMATORY\_RESPONSE  
HALLMARK\_IL2\_STAT3\_SIGNALING  
HALLMARK\_HEDGEHOG\_SIGNALING  
HALLMARK\_ESTROGEN\_RESPONSE\_LATE  
HALLMARK\_ALLOGRAFT\_REJECTION  
HALLMARK\_PI3K\_AKT\_MTOR\_SIGNALING  
HALLMARK\_MITOTIC\_SPINDLE  
HALLMARK\_P53\_PATHWAY  
HALLMARK\_INTERFERON\_GAMMA\_RESPONSE  
HALLMARK\_EPITHELIAL\_MESENCHYMAL\_TRANSITION  
HALLMARK\_HYPOXIA  
HALLMARK\_G2M\_CHECKPOINT  
HALLMARK\_FATTY\_ACID\_METABOLISM  
HALLMARK\_TNFA\_SIGNALING\_VIA\_NFKB  
HALLMARK\_E2F\_TARGETS\_V1  
HALLMARK\_UV\_RESPONSE\_DN  
HALLMARK\_MYC\_TARGETS\_V1  
HALLMARK\_RADICAL\_SURFACE  
HALLMARK\_IL6\_MYD88\_GLYCOLYSIS  
HALLMARK\_OXIDATIVE\_PHOSPHORYLATION  
HALLMARK\_UV\_RESPONSE\_UP  
HALLMARK\_MYC\_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\_OXYGEN\_SPECIES\_PATHWAY  
HALLMARK\_CHOLESTEROL\_HOMEOSTASIS  
HALLMARK\_BILE\_ACID\_METABOLISM  
HALLMARK\_UNFOLDED\_PROTEIN\_RESPONSE



pval < 0.05

FALSE  
TRUE

0.0 0.3 0.6 0.9

Normalized Enrichment Score