



# Hallmark pathways NES from GSEA

Pathway

HALLMARK\_OXIDATIVE\_PHOSPHORYLATION  
HALLMARK\_HYPOXIA  
HALLMARK\_MYC\_TARGETS\_V2  
HALLMARK\_XENOBIOTIC\_METABOLISM  
HALLMARK\_PEROXISOME  
HALLMARK\_DNA\_REPAIR  
HALLMARK\_E2F\_TARGETS  
HALLMARK\_MYC\_TARGETS\_V1  
HALLMARK\_TGF\_BETA\_SIGNALING  
HALLMARK\_CHOLESTEROL\_HOMEOSTASIS  
HALLMARK\_PI3K\_AKT\_MTOR\_SIGNALING  
HALLMARK\_P53\_PATHWAY  
HALLMARK\_HEME\_METABOLISM  
HALLMARK\_ESTROGEN\_RESPONSE\_LATE  
HALLMARK\_ESTROGEN\_RESPONSE\_EARLY  
HALLMARK\_UNFOLDED\_PROTEIN\_RESPONSE

$\text{padj} < 0.05$

FALSE

Normalized Enrichment Score

-1.0 -0.5 0.0 0.5 1.0