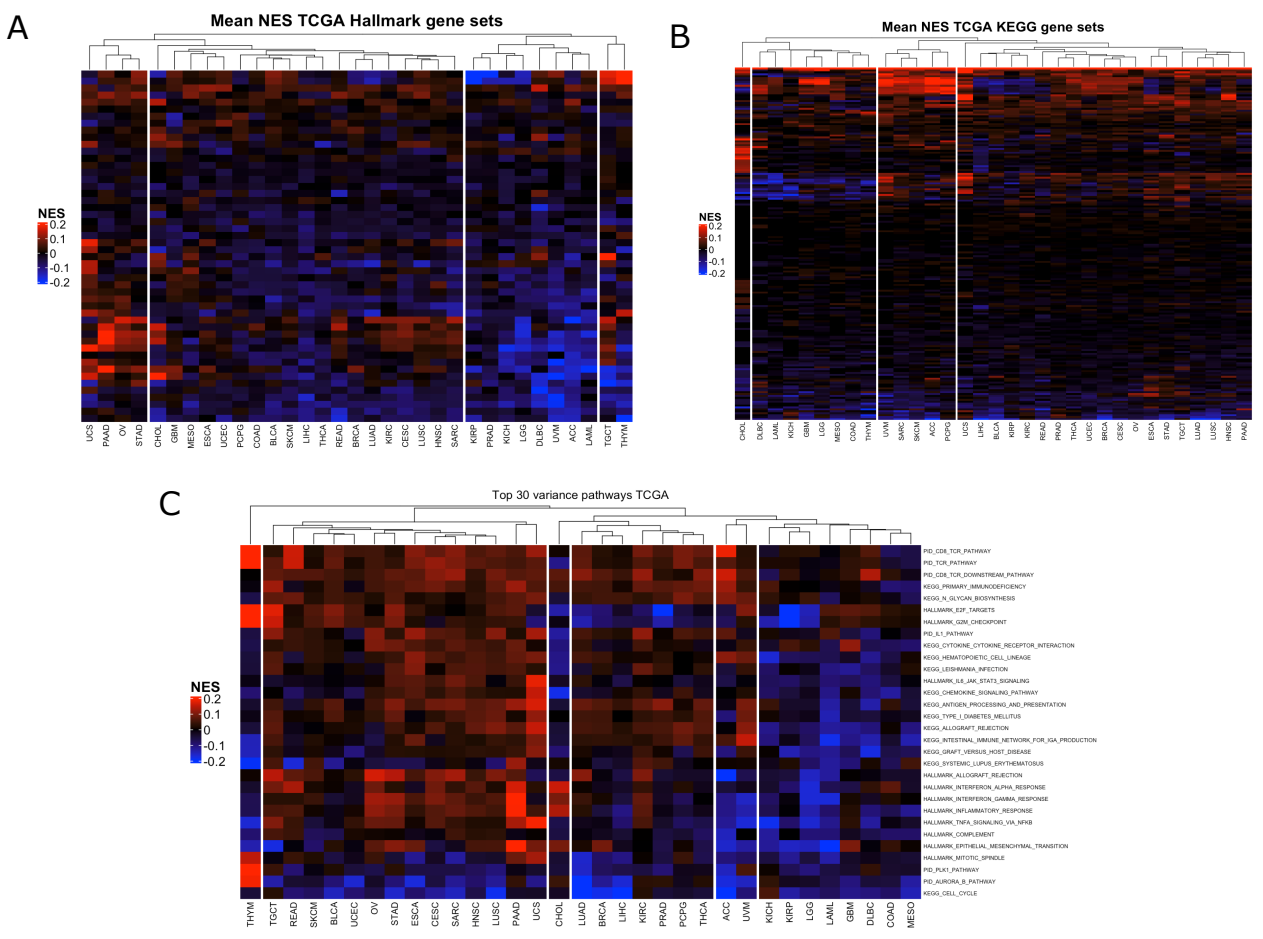
A
Mean NES TCGA Hallmark gene sets
NES
0.2
0.1
0
-0.1
-0.2
UCS PAAD OV STAD CHOL GBM MESO ESCA UCEC PCPG COAD BLCA SKCM LIHC THCA READ BRCA LUAD KIRC CESC LUSC HNSC SARC KIRP PRAD KICH LGG DLBC UVM ACC LAML TGCT THYM
B
Mean NES TCGA KEGG gene sets
NES
0.2
0.1
0
-0.1
-0.2
CHOL DLBC LAML KICH GBM LGG MESO COAD THYM UVM SARC SKCM ACC PCPG UCS LIHC BLCA KIRP KIRC READ PRAD THCA UCEC BRCA CESC OV ESCA STAD TGCT LUAD LUSC HNSC PAAD
C
Top 30 variance pathways TCGA
NES
0.2
0.1
0
-0.1
-0.2
PID_CD8_TCR_PATHWAY
PID_TCR_PATHWAY
PID_CD8_TCR_DOWNSTREAM_PATHWAY
KEGG_PRIMARY_IMMUNODEFICIENCY
KEGG_N_GLYCAN_BIOSYNTHESIS
HALLMARK_E2F_TARGETS
HALLMARK_G2M_CHECKPOINT
PID_IL1_PATHWAY
KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION
KEGG_HEMATOPOIETIC_CELL_LINEAGE
KEGG_LEISHMANIA_INFECTION
HALLMARK_IL6_JAK_STAT3_SIGNALING
KEGG_CHEMOKINE_SIGNALING_PATHWAY
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
KEGG_TYPE_I_DIABETES_MELLITUS
KEGG_ALLOGRAFT_REJECTION
KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IGA_PRODUCTION
KEGG_GRAFT_VERSUS_HOST_DISEASE
KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS
HALLMARK_ALLOGRAFT_REJECTION
HALLMARK_INTERFERON_ALPHA_RESPONSE
HALLMARK_INTERFERON_GAMMA_RESPONSE
HALLMARK_INFLAMMATORY_RESPONSE
HALLMARK_TNFA_SIGNALING_VIA_NFKB
HALLMARK_COMPLEMENT
HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
HALLMARK_MITOTIC_SPINDLE
PID_PLK1_PATHWAY
PID_AURORA_B_PATHWAY
KEGG_CELL_CYCLE
THYM TGCT READ SKCM BLCA UCEC OV STAD ESCA CESC SARC HNSC LUSC PAAD UCS CHOL LUAD BRCA LIHC KIRC PRAD PCPG THCA ACC UVM KICH KIRP LGG LAML GBM DLBC COAD MESO