
Gliomas
h.HALLMARK PEROXISOME
h.HALLMARK ANDROGEN RESPONSE
h.HALLMARK TNFA SIGNALING VIA NFKB
h.HALLMARK ESTROGEN RESPONSE EARLY
h.HALLMARK HEME METABOLISM
h.HALLMARK HYPOXIA
h.HALLMARK TGF BETA SIGNALING
h.HALLMARK PANCREAS BETA CELLS
h.HALLMARK CHOLESTEROL HOMEOSTASIS
h.HALLMARK UV RESPONSE UP
h.HALLMARK OXIDATIVE PHOSPHORYLATION
h.HALLMARK APICAL JUNCTION
h.HALLMARK P53 PATHWAY
h.HALLMARK APOPTOSIS
h.HALLMARK XENOBIOTIC METABOLISM
h.HALLMARK ADIPOGENESIS
h.HALLMARK REACTIVE OXYGEN SPECIES PATHWAY
h.HALLMARK FATTY ACID METABOLISM
h.HALLMARK HEDGEHOG SIGNALING
h.HALLMARK KRAS SIGNALING DN
h.HALLMARK BILE ACID METABOLISM
h.HALLMARK MYOGENESIS
h.HALLMARK KRAS SIGNALING UP
h.HALLMARK IL2 STAT5 SIGNALING
h.HALLMARK APICAL SURFACE
h.HALLMARK EPITHELIAL MESENCHYMAL TRANSITION
h.HALLMARK COAGULATION
h.HALLMARK COMPLEMENT
h.HALLMARK ANGIOGENESIS
h.HALLMARK INFLAMMATORY RESPONSE
h.HALLMARK ALLOGRAFT REJECTION
h.HALLMARK IL6 JAK STAT3 SIGNALING
h.HALLMARK INTERFERON GAMMA RESPONSE
h.HALLMARK INTERFERON ALPHA RESPONSE
−0.2
0.0
0.2
0.4
z_score
resultant_geno
nf1 KO; pten KO; ink KO; atrx KO
nf1 KO; pten KO; ink KO; atrx wt