Gene Set 25 : BIOCARTA_PYK2_PATHWAY

Running Enrichment Score (RES)

Zero crossing at 8936

Peak at 6162

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 18361 (in list), 27 (in gene set)
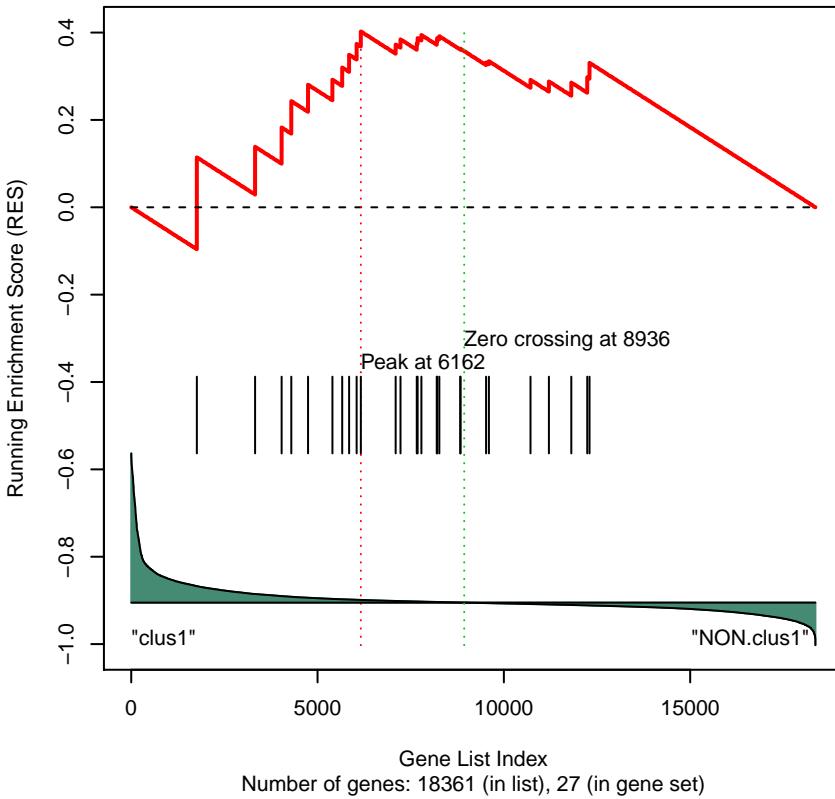
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = 0.403 NES = 1.49 Nom. p–val= 0.0909 FWER= 0.902 FDR= 0.134
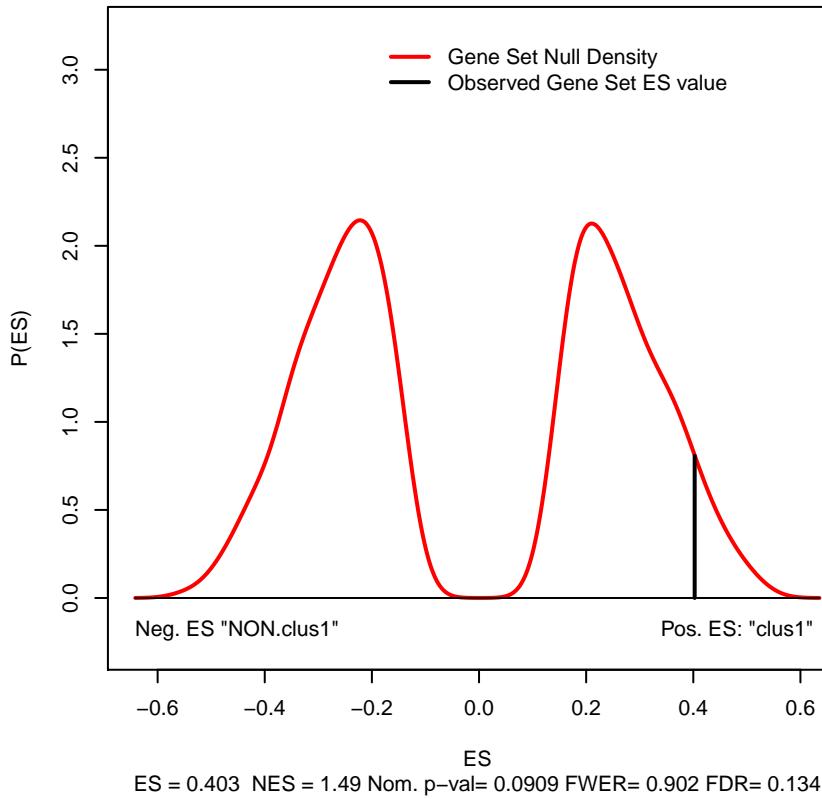
Heat Map for Genes in Gene Set

clus1   NON.clus1

Class
PRKCA
PRKCB
MAPK8
BCAR1
SHC1
PLCG1
SRC
JUN
CALM1
PTK2B
MAPK1
MAP2K3
SOS1
CRKL
MAP2K4
MAP3K1
MAP2K1
CALM3
MAPK14
CALM2
GRB2
GNAQ
RAF1
PAK1
RAC1
MAPK3
MAP2K2