Gene Set 3 : BIOCARTA_ALK_PATHWAY

Running Enrichment Score (RES)

Peak at 2944

Zero crossing at 9167

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 18646 (in list), 35 (in gene set)
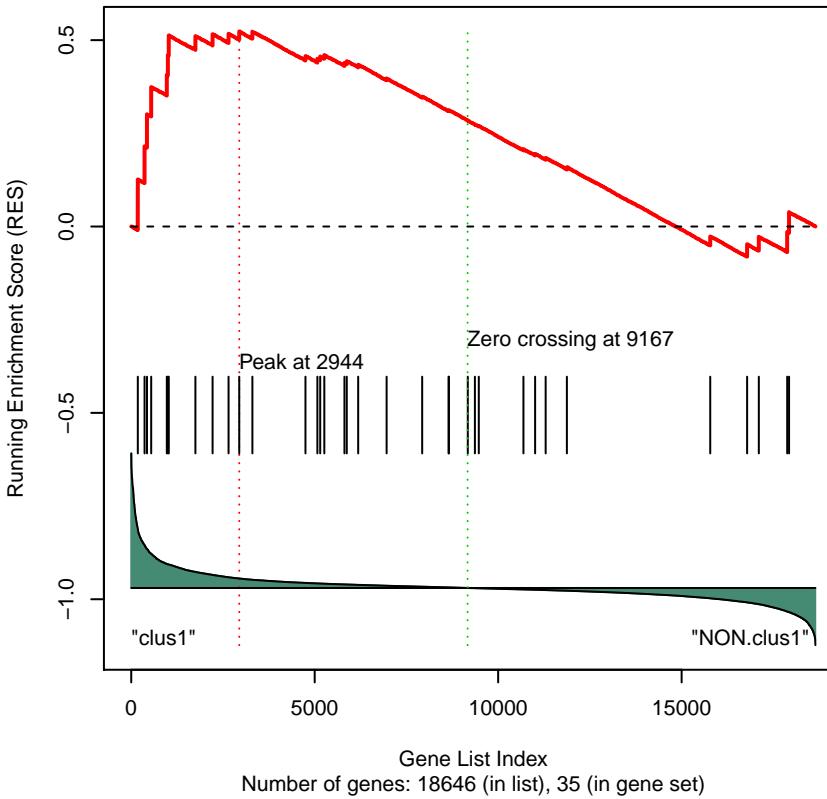
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = 0.523 NES = 1.54 Nom. p–val= 0.0406 FWER= 0.785 FDR= 0.267
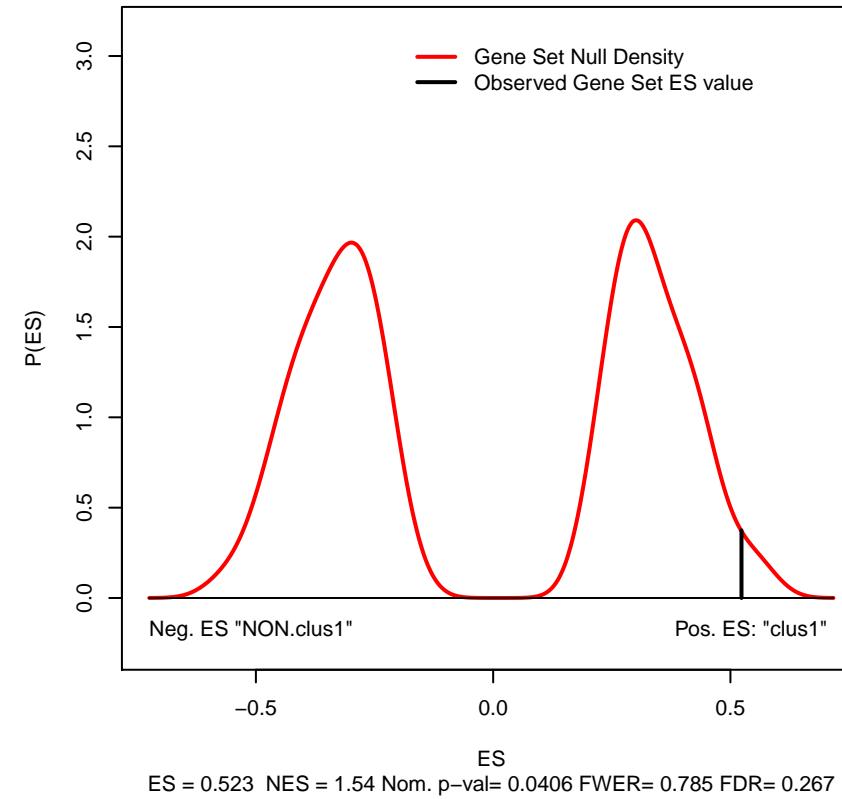
Heat Map for Genes in Gene Set

clus1   NON.clus1

Class
MYL2
NPPA
CHRD
NOG
NKX2–5
TGFBR3
WNT1
TGFB2
TGFB3
BMP7
BMP4
GATA4
MAP3K7
ATF2
GSK3B
NPPB
APC
DVL1
ACVR1
SMAD5
TGFBR1
TGFBR2
FZD1
BMPR1A
SMAD1
CTNNB1
SMAD4
AXIN1
RFC1
BMPR2
TGFB1
SMAD6
BMP5
HNF1A
BMP2