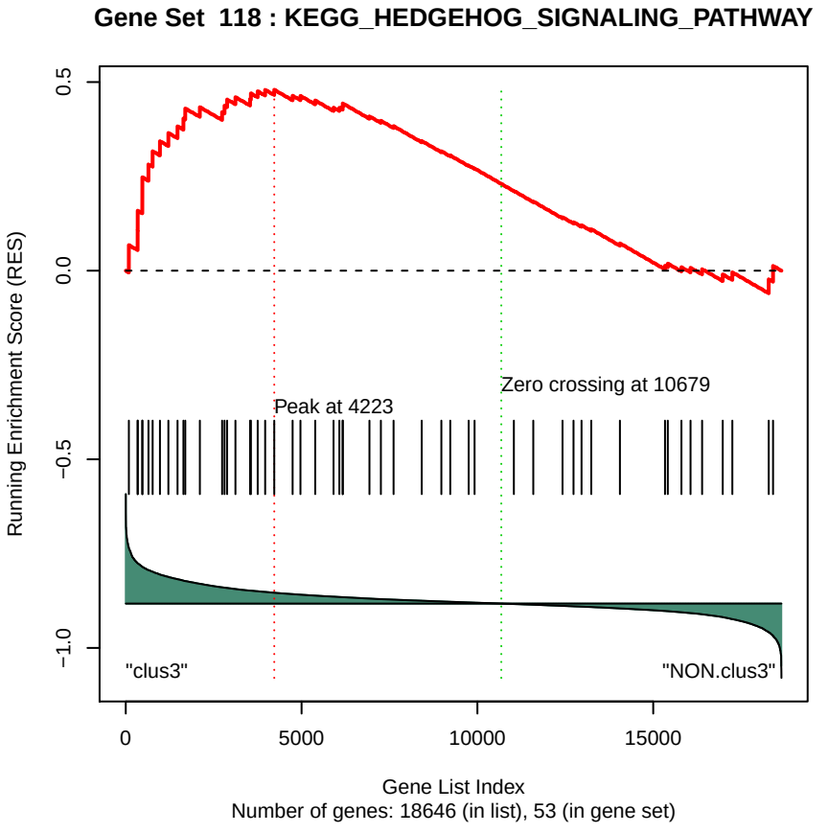
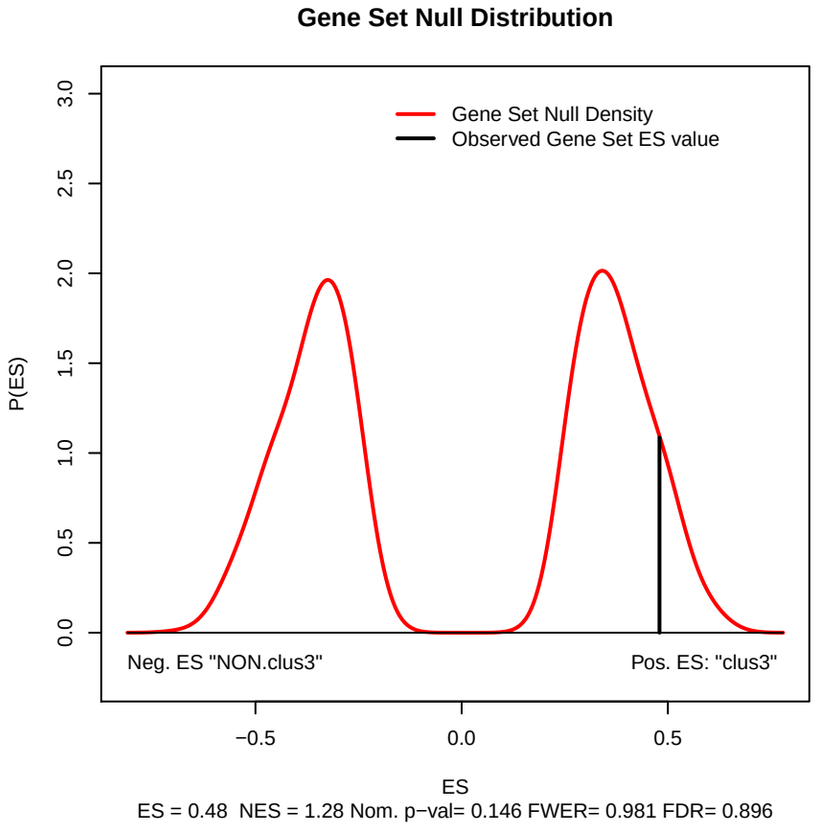
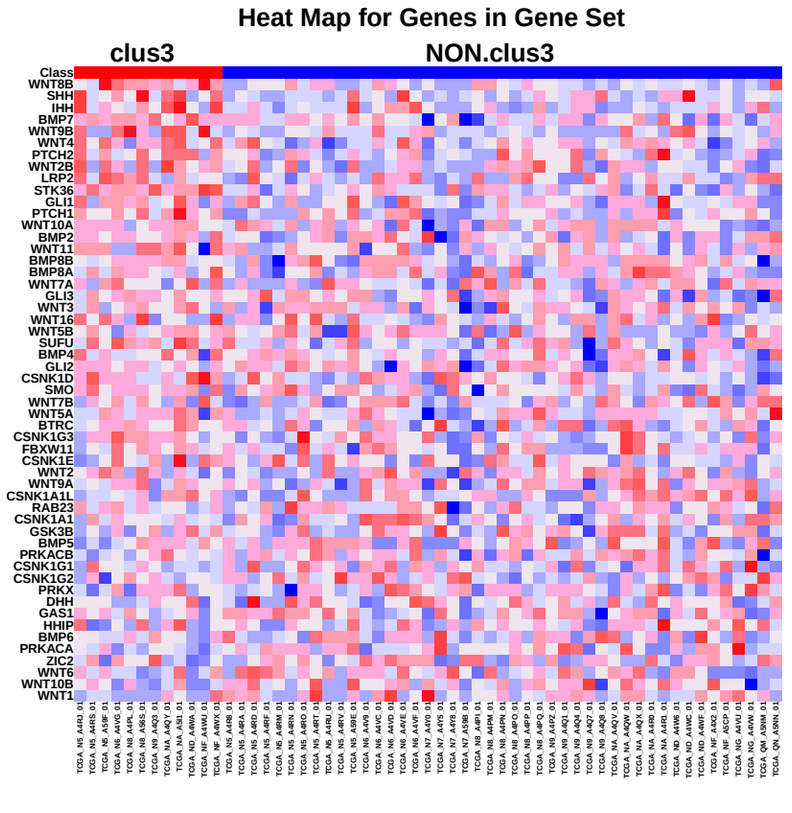

Gene Set 118 : KEGG_HEDGEHOG_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4223
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 53 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.48 NES = 1.28 Nom. p−val= 0.146 FWER= 0.981 FDR= 0.896


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
WNT8B
SHH
IHH
BMP7
WNT9B
WNT4
PTCH2
WNT2B
LRP2
STK36
GLI1
PTCH1
WNT10A
BMP2
WNT11
BMP8B
BMP8A
WNT7A
GLI3
WNT3
WNT16
WNT5B
SUFU
BMP4
GLI2
CSNK1D
SMO
WNT7B
WNT5A
BTRC
CSNK1G3
FBXW11
CSNK1E
WNT2
WNT9A
CSNK1A1L
RAB23
CSNK1A1
GSK3B
BMP5
PRKACB
CSNK1G1
CSNK1G2
PRKX
DHH
GAS1
HHIP
BMP6
PRKACA
ZIC2
WNT6
WNT10B
WNT1