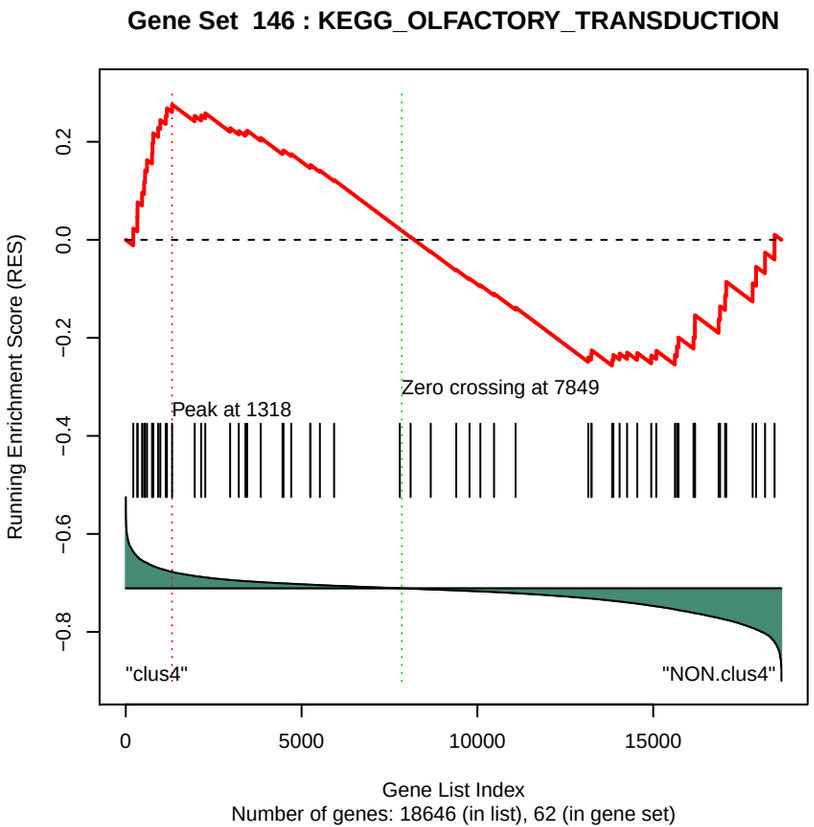
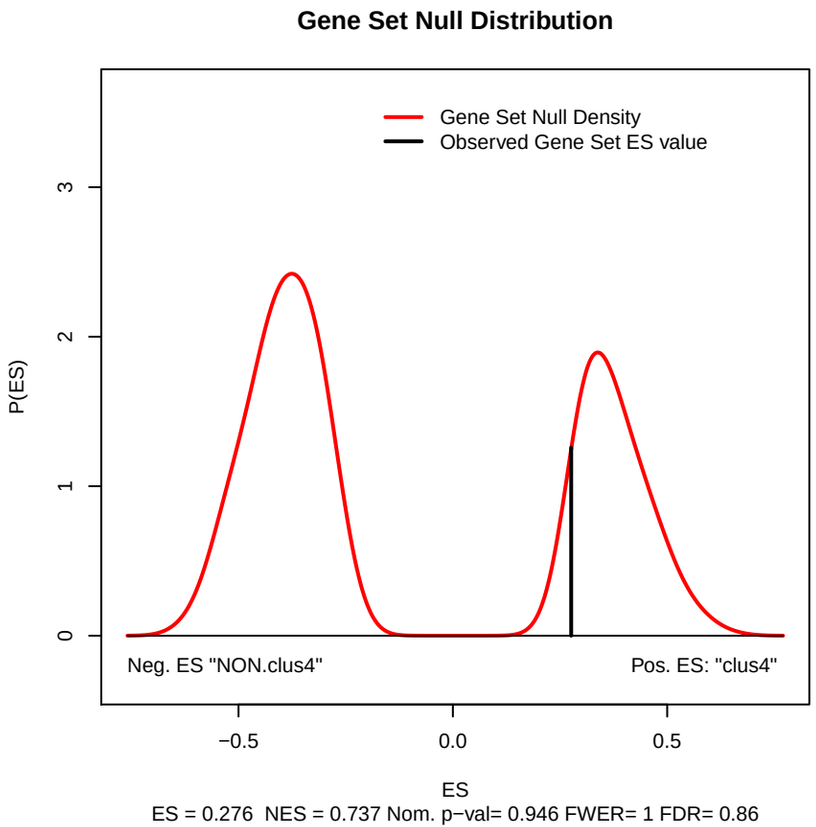
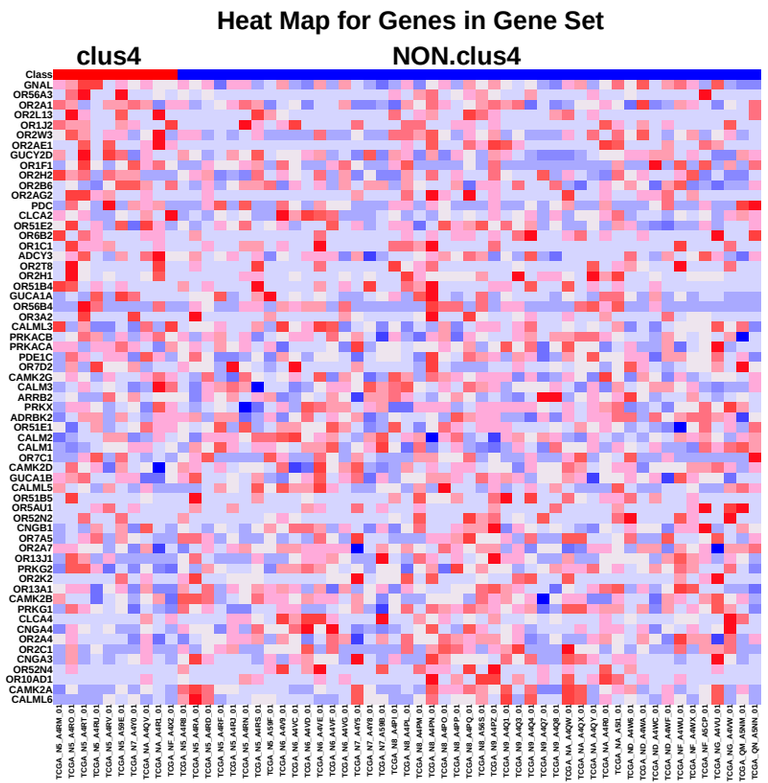

Gene Set 146 : KEGG_OLFACTORY_TRANSDUCTION
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
Peak at 1318
Zero crossing at 7849
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 62 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.5
0.0
0.5
ES
ES = 0.276 NES = 0.737 Nom. p−val= 0.946 FWER= 1 FDR= 0.86


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
GNAL
OR56A3
OR2A1
OR2L13
OR1J2
OR2W3
OR2AE1
GUCY2D
OR1F1
OR2H2
OR2B6
OR2AG2
PDC
CLCA2
OR51E2
OR6B2
OR1C1
ADCY3
OR2T8
OR2H1
OR51B4
GUCA1A
OR56B4
OR3A2
CALML3
PRKACB
PRKACA
PDE1C
OR7D2
CAMK2G
CALM3
ARRB2
PRKX
ADRBK2
OR51E1
CALM2
CALM1
OR7C1
CAMK2D
GUCA1B
CALML5
OR51B5
OR5AU1
OR52N2
CNGB1
OR7A5
OR2A7
OR13J1
PRKG2
OR2K2
OR13A1
CAMK2B
PRKG1
CLCA4
CNGA4
OR2A4
OR2C1
CNGA3
OR52N4
OR10AD1
CAMK2A
CALML6