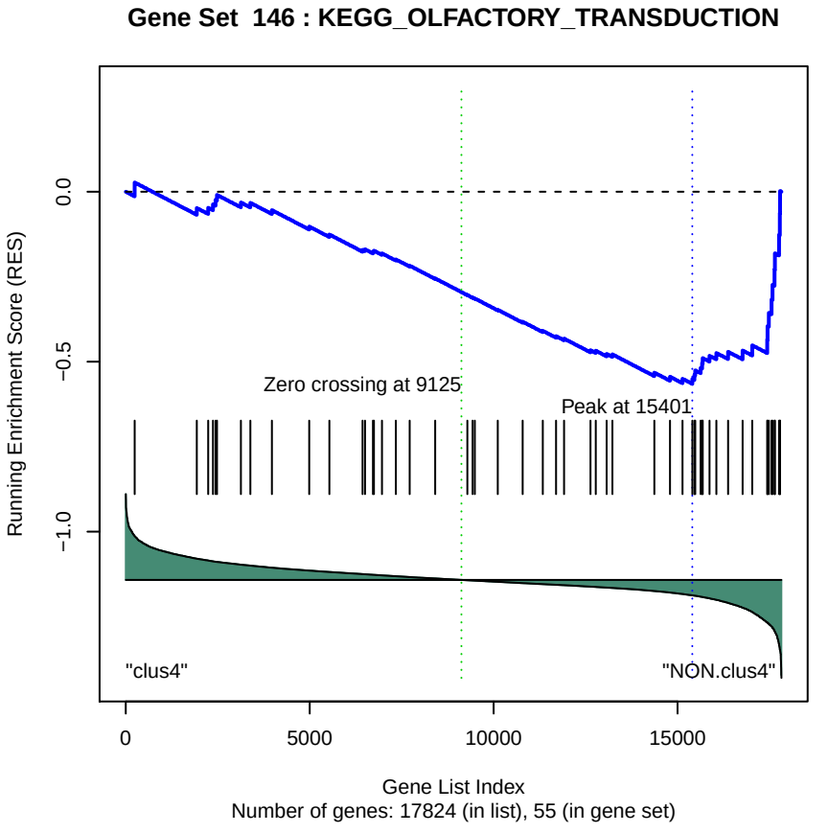
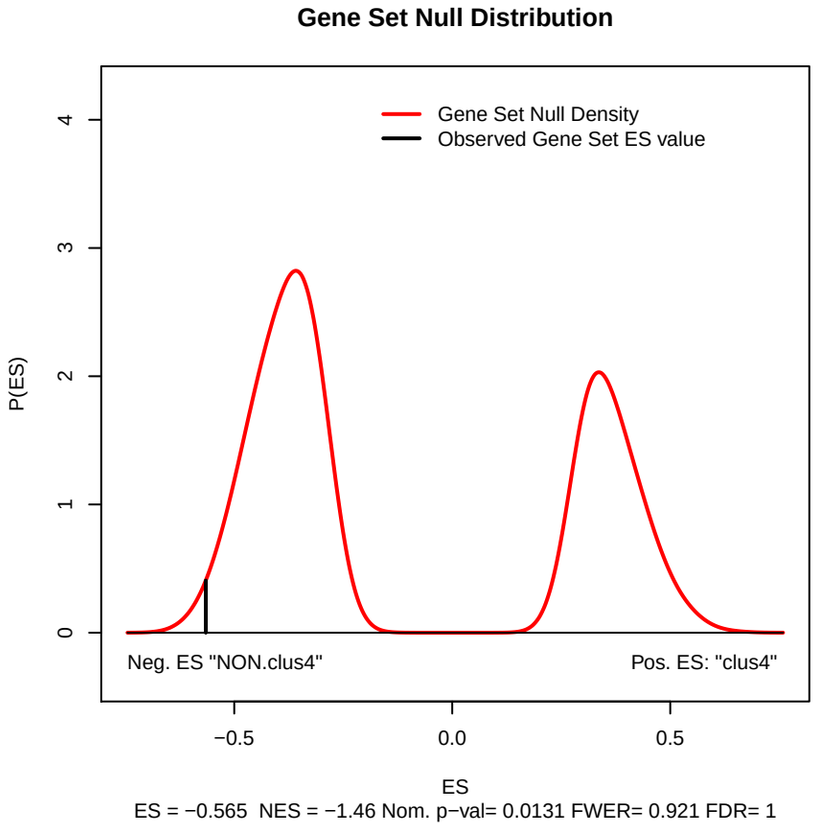
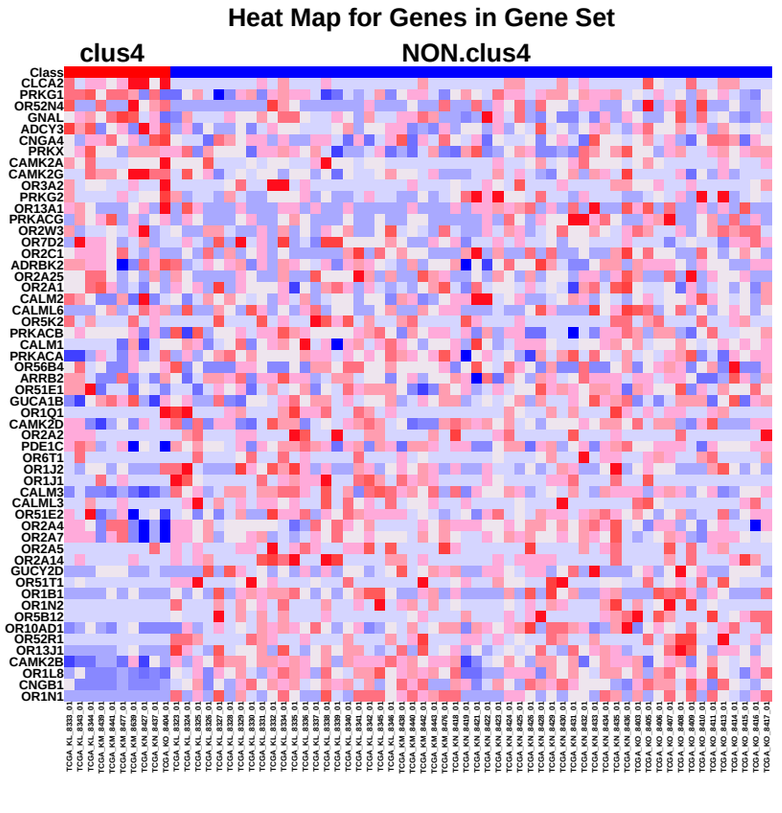

Gene Set 146 : KEGG_OLFACTORY_TRANSDUCTION
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 9125
Peak at 15401
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 55 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.5
0.0
0.5
ES
ES = −0.565 NES = −1.46 Nom. p−val= 0.0131 FWER= 0.921 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
CLCA2
PRKG1
OR52N4
GNAL
ADCY3
CNGA4
PRKX
CAMK2A
CAMK2G
OR3A2
PRKG2
OR13A1
PRKACG
OR2W3
OR7D2
OR2C1
ADRBK2
OR2A25
OR2A1
CALM2
CALML6
OR5K2
PRKACB
CALM1
PRKACA
OR56B4
ARRB2
OR51E1
GUCA1B
OR1Q1
CAMK2D
OR2A2
PDE1C
OR6T1
OR1J2
OR1J1
CALM3
CALML3
OR51E2
OR2A4
OR2A7
OR2A5
OR2A14
GUCY2D
OR51T1
OR1B1
OR1N2
OR5B12
OR10AD1
OR52R1
OR13J1
CAMK2B
OR1L8
CNGB1
OR1N1