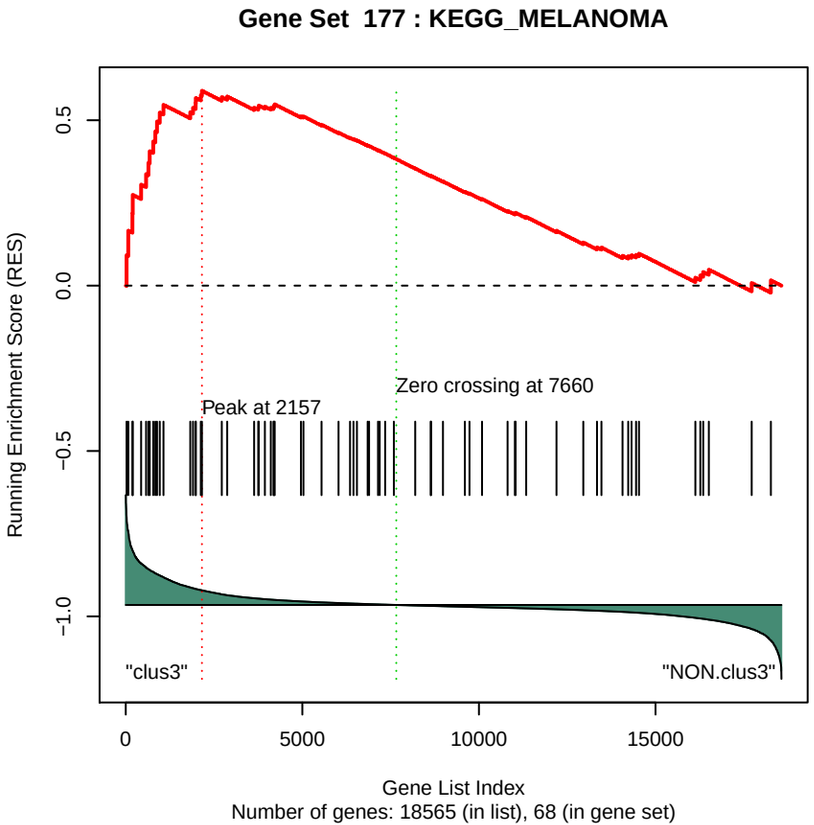
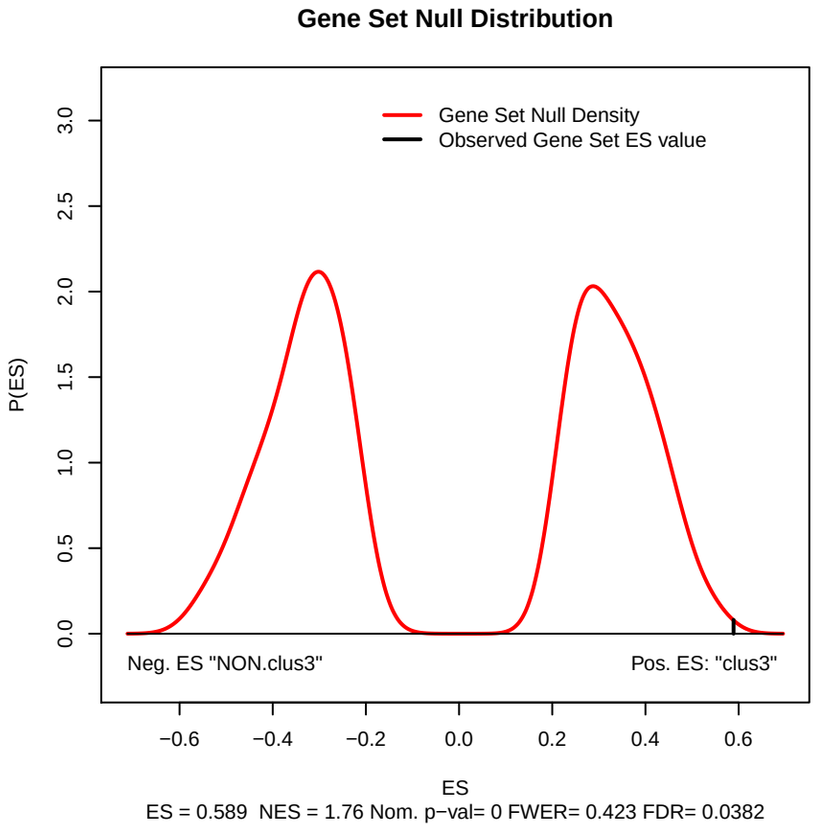
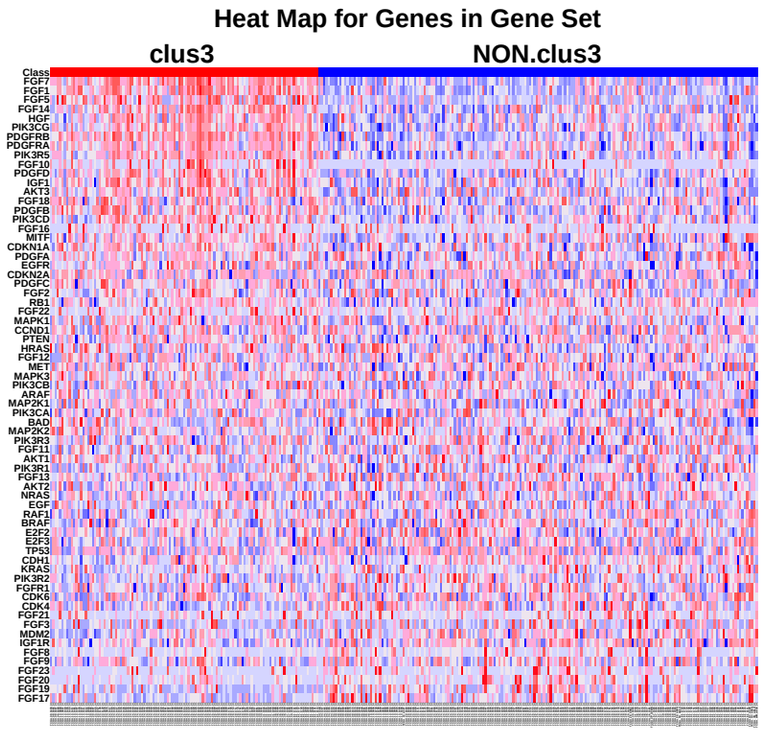

Gene Set 177 : KEGG_MELANOMA
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2157
Zero crossing at 7660
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18565 (in list), 68 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.589 NES = 1.76 Nom. p−val= 0 FWER= 0.423 FDR= 0.0382


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
FGF7
FGF1
FGF5
FGF14
HGF
PIK3CG
PDGFRB
PDGFRA
PIK3R5
FGF10
PDGFD
IGF1
AKT3
FGF18
PDGFB
PIK3CD
FGF16
MITF
CDKN1A
PDGFA
EGFR
CDKN2A
PDGFC
FGF2
RB1
FGF22
MAPK1
CCND1
PTEN
HRAS
FGF12
MET
MAPK3
PIK3CB
ARAF
MAP2K1
PIK3CA
BAD
MAP2K2
PIK3R3
FGF11
AKT1
PIK3R1
FGF13
AKT2
NRAS
EGF
RAF1
BRAF
E2F2
E2F3
TP53
CDH1
KRAS
PIK3R2
FGFR1
CDK6
CDK4
FGF21
FGF3
MDM2
IGF1R
FGF8
FGF9
FGF23
FGF20
FGF19
FGF17