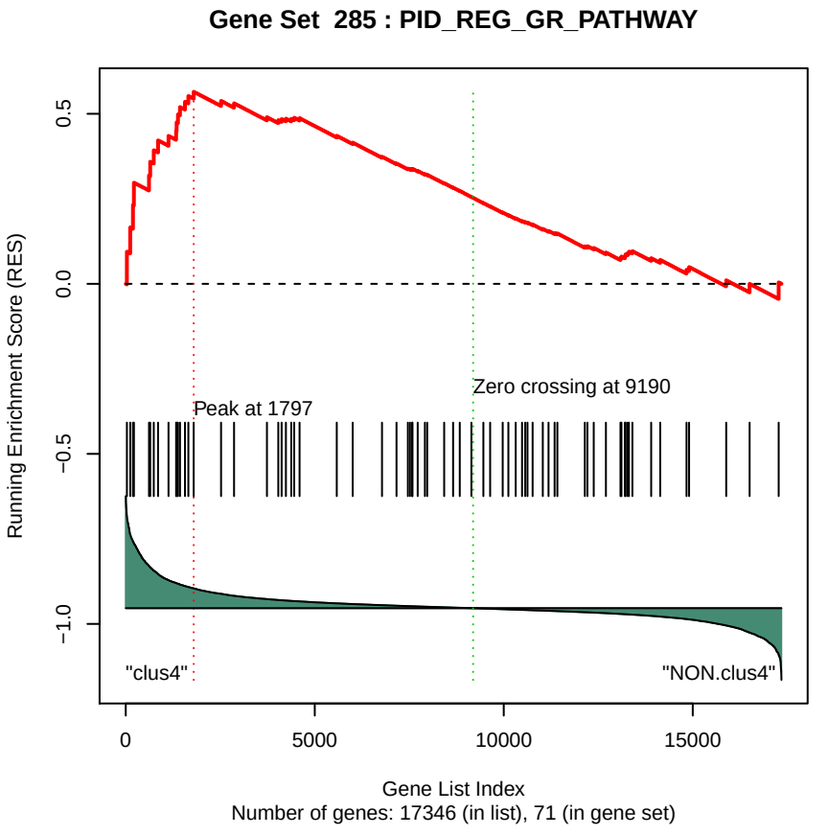
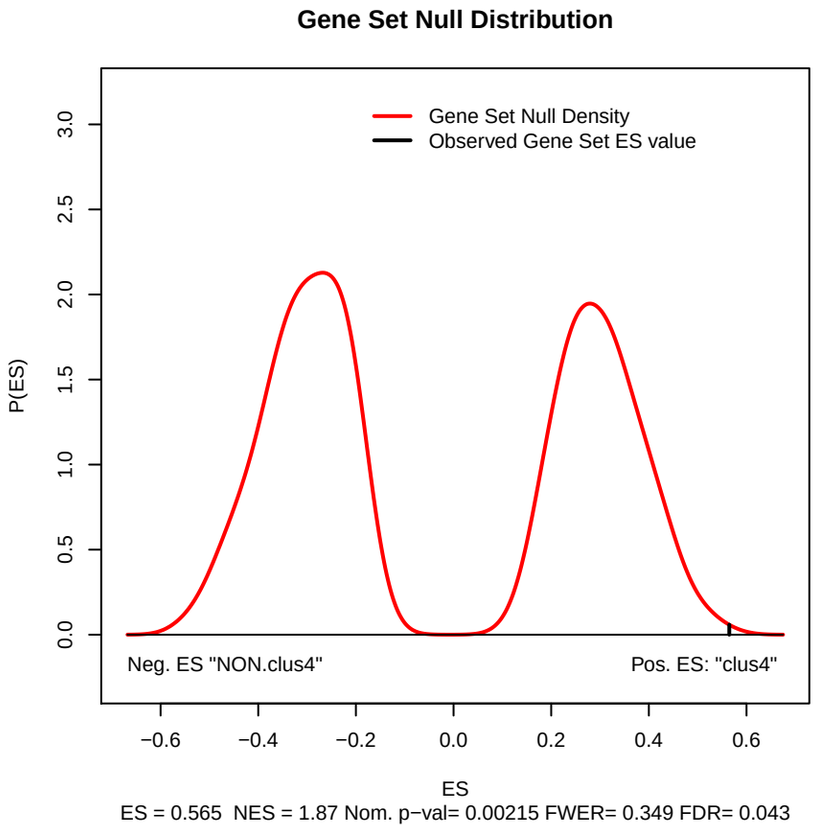
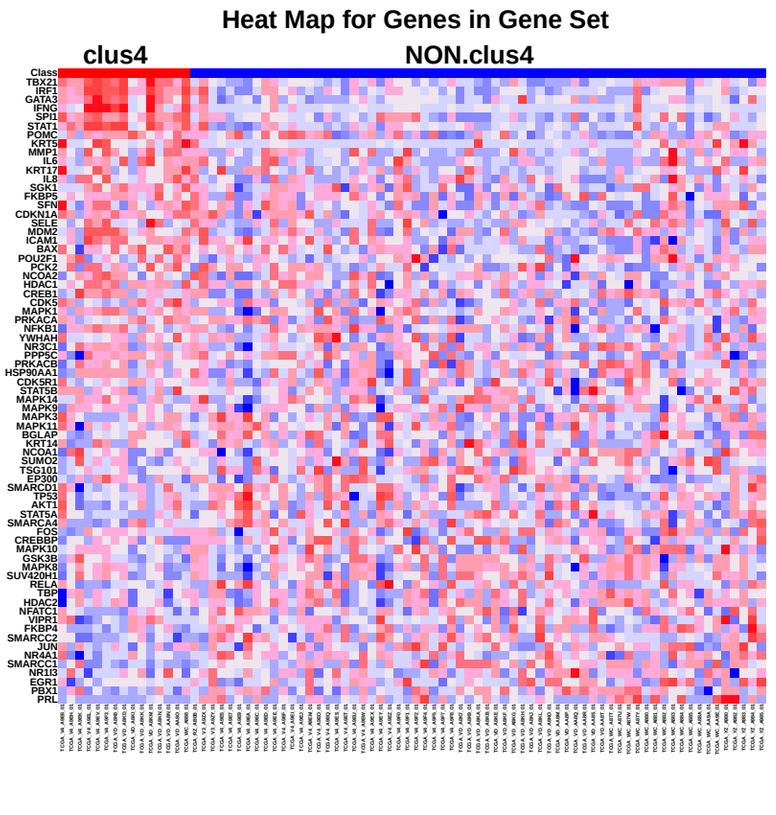

Gene Set 285 : PID_REG_GR_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1797
Zero crossing at 9190
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17346 (in list), 71 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.565 NES = 1.87 Nom. p−val= 0.00215 FWER= 0.349 FDR= 0.043


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
TBX21
IRF1
GATA3
IFNG
SPI1
STAT1
POMC
KRT5
MMP1
IL6
KRT17
IL8
SGK1
FKBP5
SFN
CDKN1A
SELE
MDM2
ICAM1
BAX
POU2F1
PCK2
NCOA2
HDAC1
CREB1
CDK5
MAPK1
PRKACA
NFKB1
YWHAH
NR3C1
PPP5C
PRKACB
HSP90AA1
CDK5R1
STAT5B
MAPK14
MAPK9
MAPK3
MAPK11
BGLAP
KRT14
NCOA1
SUMO2
TSG101
EP300
SMARCD1
TP53
AKT1
STAT5A
SMARCA4
FOS
CREBBP
MAPK10
GSK3B
MAPK8
SUV420H1
RELA
TBP
HDAC2
NFATC1
VIPR1
FKBP4
SMARCC2
JUN
NR4A1
SMARCC1
NR1I3
EGR1
PBX1
PRL