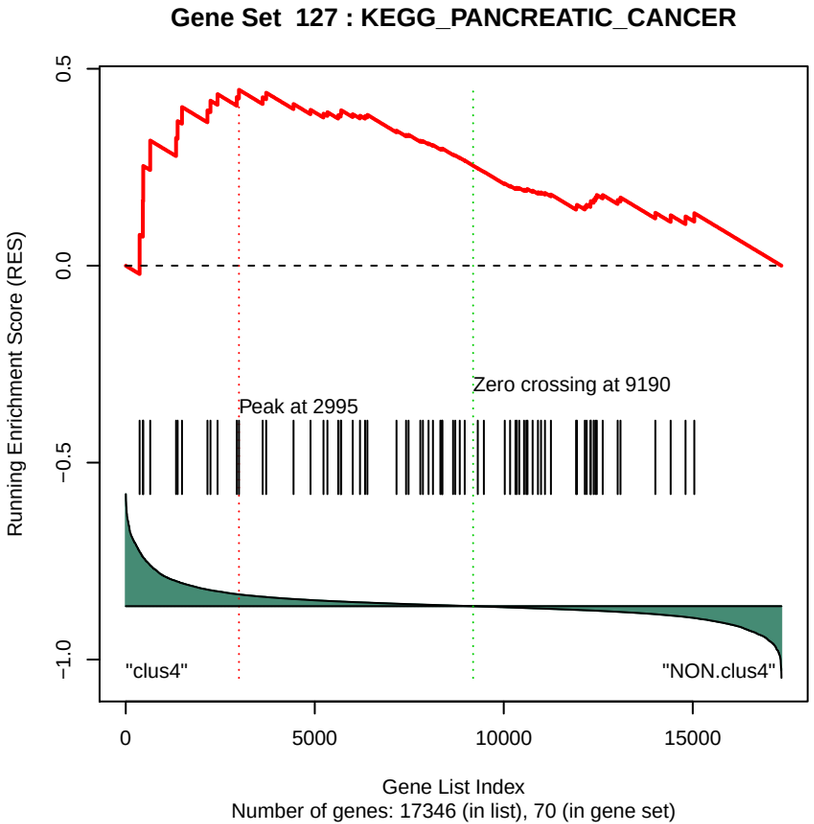
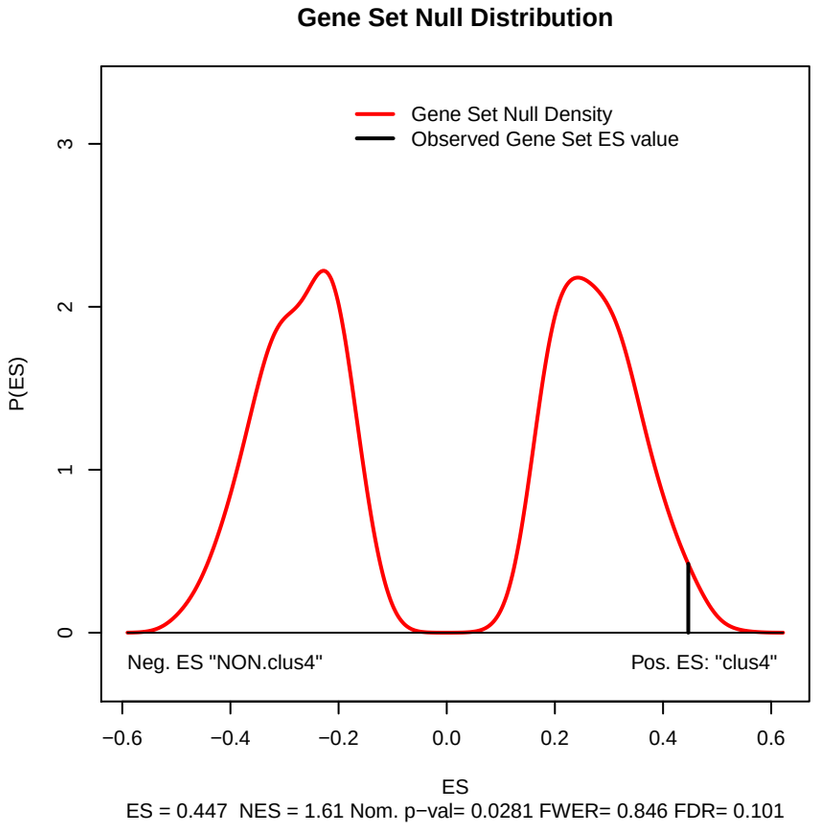
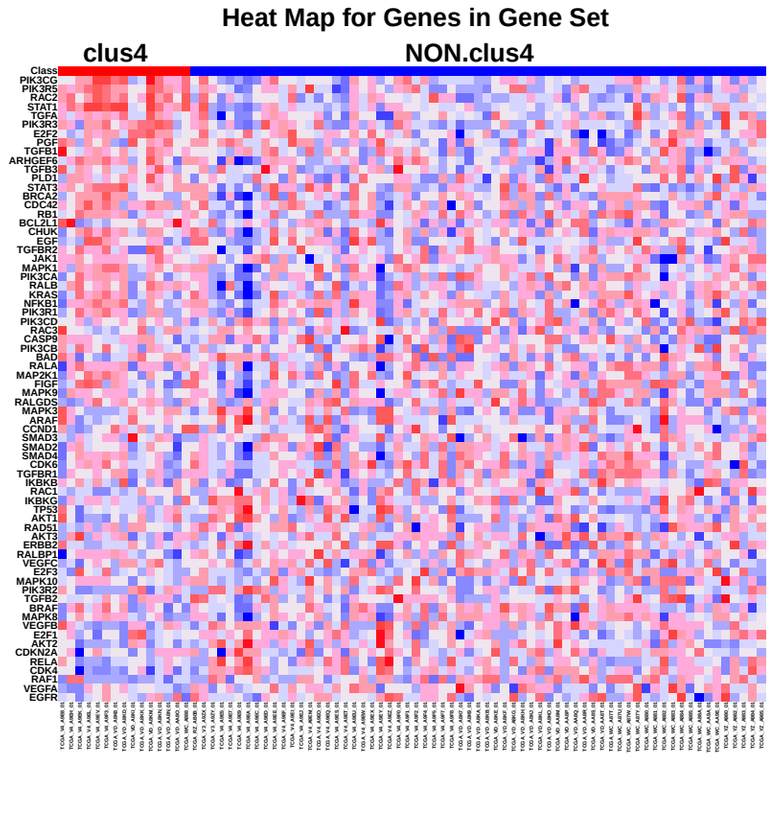

Gene Set 127 : KEGG_PANCREATIC_CANCER
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2995
Zero crossing at 9190
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17346 (in list), 70 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.447 NES = 1.61 Nom. p−val= 0.0281 FWER= 0.846 FDR= 0.101


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
PIK3CG
PIK3R5
RAC2
STAT1
TGFA
PIK3R3
E2F2
PGF
TGFB1
ARHGEF6
TGFB3
PLD1
STAT3
BRCA2
CDC42
RB1
BCL2L1
CHUK
EGF
TGFBR2
JAK1
MAPK1
PIK3CA
RALB
KRAS
NFKB1
PIK3R1
PIK3CD
RAC3
CASP9
PIK3CB
BAD
RALA
MAP2K1
FIGF
MAPK9
RALGDS
MAPK3
ARAF
CCND1
SMAD3
SMAD2
SMAD4
CDK6
TGFBR1
IKBKB
RAC1
IKBKG
TP53
AKT1
RAD51
AKT3
ERBB2
RALBP1
VEGFC
E2F3
MAPK10
PIK3R2
TGFB2
BRAF
MAPK8
VEGFB
E2F1
AKT2
CDKN2A
RELA
CDK4
RAF1
VEGFA
EGFR