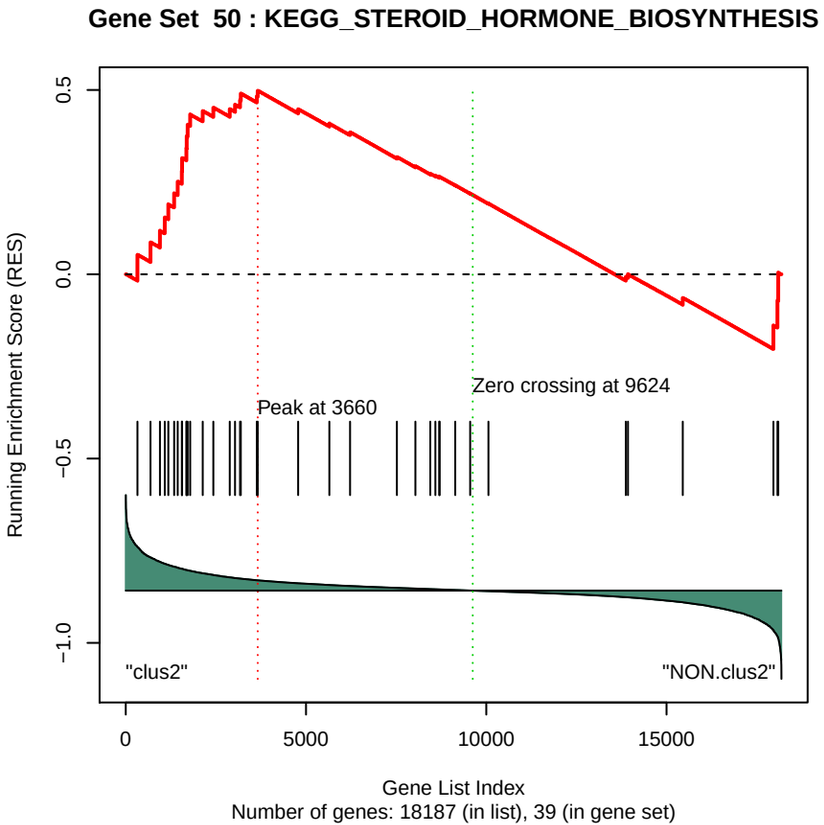
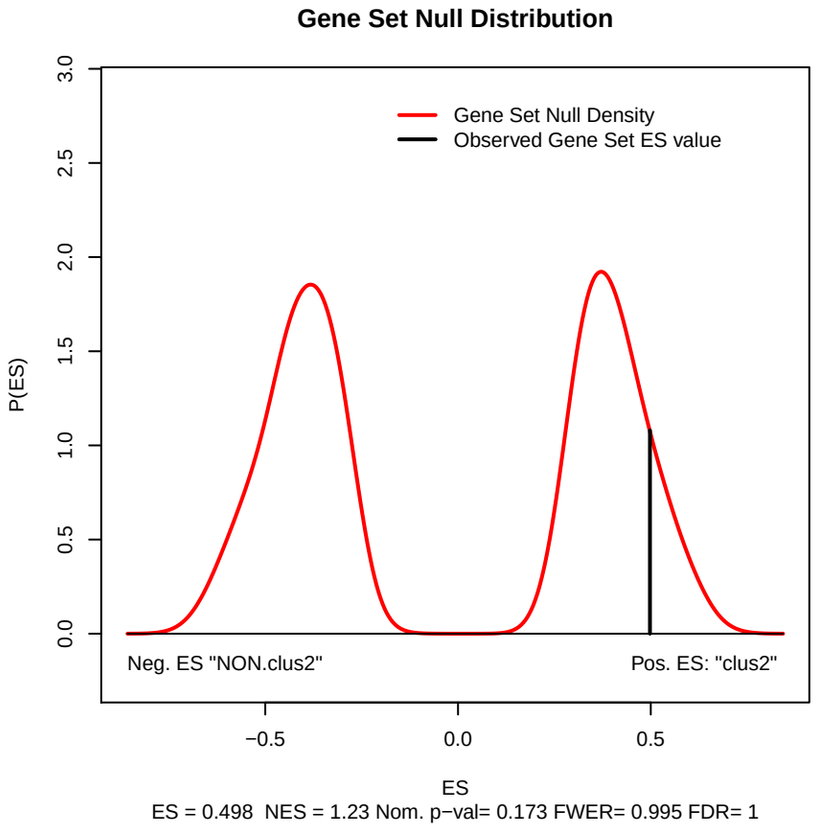
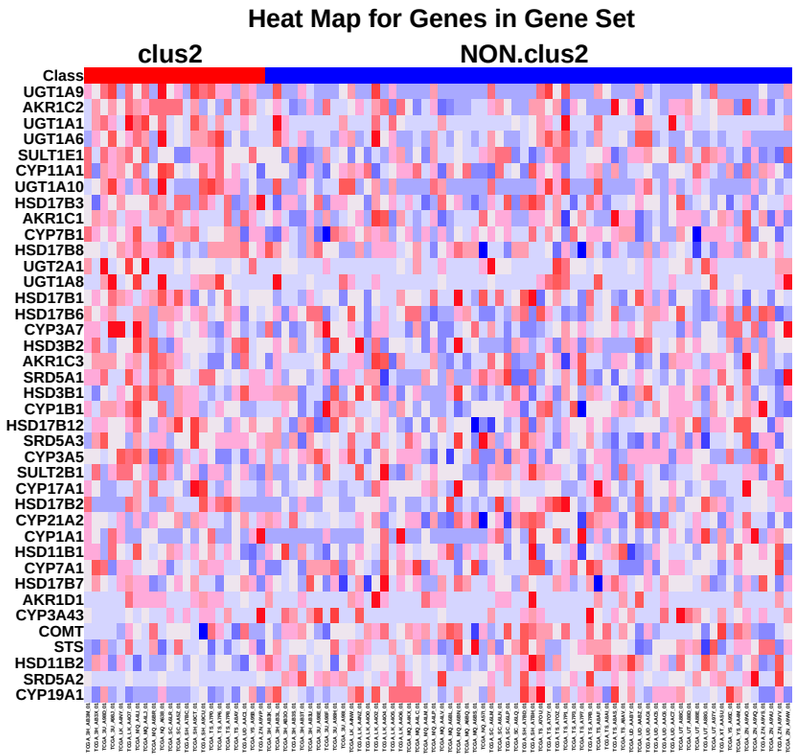

Gene Set 50 : KEGG_STEROID_HORMONE_BIOSYNTHESIS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3660
Zero crossing at 9624
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18187 (in list), 39 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.498 NES = 1.23 Nom. p−val= 0.173 FWER= 0.995 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
UGT1A9
AKR1C2
UGT1A1
UGT1A6
SULT1E1
CYP11A1
UGT1A10
HSD17B3
AKR1C1
CYP7B1
HSD17B8
UGT2A1
UGT1A8
HSD17B1
HSD17B6
CYP3A7
HSD3B2
AKR1C3
SRD5A1
HSD3B1
CYP1B1
HSD17B12
SRD5A3
CYP3A5
SULT2B1
CYP17A1
HSD17B2
CYP21A2
CYP1A1
HSD11B1
CYP7A1
HSD17B7
AKR1D1
CYP3A43
COMT
STS
HSD11B2
SRD5A2
CYP19A1