Gene Set 2742: AMUNDSON_GAMMA_RADIATION_RESPONSE **Gene Set Null Distribution** Gene Set Null Density Observed Gene Set ES value 1.0 Running Enrichment Score (RES) -0.5 P(ES) Zero crossing at 9579 Peak at 19551 0.5 0.0 Neg. ES "1" Pos. ES: "0" 2.0 15000 0.5 5000 10000 20000 -1.0-0.5 0.0 1.0 Gene List Index Number of genes: 20389 (in list), 39 (in gene set)

ES = -0.851 NES = -1.66 Nom. p-val= 0.00201 FWER= 0.853 FDR= 0.276

Heat Map for Genes in Gene Set MIMP2
WEE1
LBR
PLK1
CDKN2C
PPP2R5A
CDC25B
PRRG2
GTPBP1
CENPA
KIFC1
AURKB RRP1 MAD2L1 CCNF
DNMT3B
BUB1
TACC3
H2AFX
KIF23
CDC25C
CENPE
CCNA2
PRC1
TTK
MSX1
CDK1
CKS2
CCNB1
UBE2C
KIF2C
PTTG1
AURKA
CCNB2
BUB1B
NEK2
ESPL1
CENPF