Gene Set 2580 : HU_GENOTOXIC_DAMAGE_4HR **Gene Set Null Distribution Heat Map for Genes in Gene Set** 2.0 Class
CUL1
TIMP2
HMGN1
FAM76B
SYNCRIP
ZSCAN21
MAPRE1
IFNAR2
ANLN
UCK1
ORC5
ITGB7
TCF19
COMMD7
TRAFD1
TNNC1
JUND
KIF22
ALAS1
NCDN
KPNA2
SMG5
HIST1H2AB Gene Set Null Density Observed Gene Set ES value 0.0 1.5 Running Enrichment Score (RES) -0.5 1.0 P(ES) Zero crossing at 9579 Peak at 19787 0.5 ST1H2AB
BUB1
H2AFX
CDC20
MTHFD2
CDC25C
ECT2
PRC1
CKS2
CDT1
PTTG1
AURKA
NEK2 0.0 Neg. ES "1" Pos. ES: "0" 15000 5000 10000 20000 -0.5 0.0 0.5 1.0 Gene List Index Number of genes: 20389 (in list), 35 (in gene set) ES = -0.685 NES = -1.66 Nom. p-val= 0.0121 FWER= 0.863 FDR= 0.26