Gene Set 1668: LI\_WILMS\_TUMOR\_ANAPLASTIC\_UP **Gene Set Null Distribution Heat Map for Genes in Gene Set** Class Gene Set Null Density HAT1 1.5 Observed Gene Set ES value G3BP2 0.0 KPNB1 RFC3 CCNA<sub>1</sub> Running Enrichment Score (RES) RFC4 1.0 -0.5 **CENPA** KPNA2 P(ES) HTT Zero crossing at 9579 RAD54L Peak at 18698 PCGF3 0.5 NCAPH TTK CDK1 **MKI67 NUSAP1** KIF2C 0.0 CDCA3 CENPF Pos. ES: "0" Neg. ES "1" 15000 -0.5 5000 10000 20000 -1.00.0 0.5 1.0 Gene List Index Number of genes: 20389 (in list), 19 (in gene set) ES = -0.75 NES = -1.52 Nom. p-val= 0.0274 FWER= 0.999 FDR= 0.245