Gene Set 2570: SIMBULAN PARP1 TARGETS DN **Gene Set Null Distribution Heat Map for Genes in Gene Set** Class Gene Set Null Density HMGB2 Observed Gene Set ES value **PCNA** 0.0 **UBE2S** PRIM1 Running Enrichment Score (RES) 1.0 **SET** -0.5 STMN1 **\$ERPINH1** KRT14 P(ES) Zero crossing at 9579 SPP1 Peak at 18491 DNMT1 0.5 RANGAP1 TAGLN2 NCAM1 CDC20 CCNA2 0.0 CCNB₁ Pos. ES: "0" Neg. ES "1" "1" 2.0 CCNB2 15000 -0.5 5000 10000 20000 -1.00.0 0.5 1.0 Gene List Index Number of genes: 20389 (in list), 17 (in gene set) ES = -0.824 NES = -1.64 Nom. p-val= 0.004 FWER= 0.9 FDR= 0.27