et 1001: REACTOME APC C CDC20 MEDIATED DEGRADATION OF **Gene Set Null Distribution Heat Map for Genes in Gene Set** Malignant Benign 3.0 Class Gene Set Null Density ANAPC4 0.5 Observed Gene Set ES value CCNB1 2.5 CDC26 CDC23 Running Enrichment Score (RES) UBE2D1 2.0 0.0 ANAPC5 RPS27A **ANAPC11** P(ES) Zero crossing at 8459 ANAPC10 Peak at 3220 UBA52 -0.5 1.0 ANAPC1 UBE2E1 CDC16 0.5 ANAPC2 CDC27 CDC20 0.0 UBE2C Neg. ES "Malignant" Pos. ES: "Benign" "Malignant" "Benign" CDK1 GSM721593 GSM721595 GSM721596 GSM721598 GSM721619 GSM721620 GSM721623 GSM721625 GSM721594 GSM721597 GSM721621 GSM721622 GSM721624 0.0 5000 10000 15000 20000 25000 -0.5 0.5 Gene List Index Number of genes: 25691 (in list), 18 (in gene set) ES = 0.598 NES = 1.72 Nom. p-val= 0.0213 FWER= 0.77 FDR= 1