Gene Set 2835 : SMID_BREAST_CANCER_LUMINAL_A_DN **Gene Set Null Distribution Heat Map for Genes in Gene Set** 1.5 Class Gene Set Null Density TTLL4 Observed Gene Set ES value MYBL2 0.0 SLC7A5 KRT16 Running Enrichment Score (RES) CDC45 1.0 -0.5 VGLL1 CDCA8 ANP32E P(ES) Zero crossing at 9579 NDC80 Peak at 18774 CDC20 0.5 **NCAPH CENPN** TPX2 TOP2A LRP8 0.0 CCNE1 Pos. ES: "0" Neg. ES "1" "1" 2.0 CDCA3 15000 5000 10000 20000 -1.0 -0.5 0.0 0.5 1.0 Gene List Index ES = -0.831 NES = -1.5 Nom. p-val= 0.0318 FWER= 0.999 FDR= 0.249 Number of genes: 20389 (in list), 17 (in gene set)