Gene Set Null Distribution Gene Set 3606: LE NEURONAL DIFFERENTIATION DN **Heat Map for Genes in Gene Set** Class SEMA5A 1.5 Gene Set Null Density Observed Gene Set ES value EIF4EBP2 0.0 CDK4 MRPL11 PKMYT1 Running Enrichment Score (RES) RGS12 1.0 MSI1 -0.5 LHX6 CCNT1 P(ES) Zero crossing at 9579 SUV39H1 Peak at 19125 SFXN2 0.5 E2F2 CDC20 KIF23 CDC25C **E2F7** CKS2 0.0 UBE2C Pos. ES: "0" Neg. ES "1" CCNB2 15000 5000 10000 20000 -1.0 -0.50.0 0.5 1.0 Gene List Index Number of genes: 20389 (in list), 19 (in gene set) ES = -0.718 NES = -1.52 Nom. p-val= 0.0381 FWER= 0.998 FDR= 0.241