Top 30 Pathways (Sorted by FDR) TF - Factor: HDAC1; motif: KGCARGGTC; match class: 1 -TF - Factor: PURBETA; motif: NCWGRGGCTGGGG; match class: 1 TF - Factor: p73; motif: NNRCAWGYCCARRCWTGYC -TF - Factor: HNRPUL1; motif: NCNCAGN; match class: 1 TF - Factor: NR1B2; motif: NTGACCY; match class: 1 TF - Factor: ZNF644; motif: TCCWGCCTCTSN; match class: 1 TF – Factor: ER-beta; motif: NRGGTCANKSTGACCTNN; match class: 1 TF - Factor: Sox-8; motif: NGAACAATRN; match class: 1 TF - Factor: LRF; motif: GGGGKYNNB; match class: 1 TF - Factor: myogenin; motif: RGCAGSTG; match class: 1 TF - Factor: NF-KAPPAB1; motif: NGGKRNTTYCCCN TF - Factor: NR1B2; motif: NTGACCY --log10(p_value) TF - Factor: ZNFPT1; motif: YCNNCNCWGCCNY; match class: 1 3.5 TF - Factor: SREBP-1; motif: CACSCCA -3.0 GO:MF - monoatomic cation channel activity 2.5 TF - Factor: AP2BETA; motif: SCCYCAGGSNN 2.0 TF - Factor: GLI; motif: NGACCMCCCAN; match class: 1 -1.5 TF - Factor: NR1B2; motif: RAGGTCATGACCTN TF - Factor: sin3A; motif: TGTCCNNGGTGCTG; match class: 1 TF - Factor: GATAD2A; motif: CCTKTG; match class: 1 TF - Factor: AP-2alpha; motif: NTNSCCTGRGGSNAN -TF - Factor: TR4; motif: NCCCTGACCYB TF - Factor: VDR; motif: RRGGTCANNGRGKTCA-CORUM - HAS1-HAS2 complex -CORUM - ARTN-GFRA3-RET comples -CORUM - FOXP3-TRIM28-ZFP90 complex -CORUM - LPAR2-SIVA1 complex -CORUM - LPAR2-TRIP6-NHERF2 complex, LPA stimulated -CORUM - mGluR3-mGluR4 complex -3 -log10(FDR)