Gene Set 213: MAP00790_Folate_biosynthesis **Gene Set Null Distribution Heat Map for Genes in Gene Set Class** Gene Set Null Density Observed Gene Set ES value GCH1 2.0 0.0 **FPGS** Running Enrichment Score (RES) **ALPL** 1.5 **ALPP** -0.5 P(ES) **TYMS** Zero crossing at 4737 0. Peak at 6415 DHFR MTHFD1 0.5 **PTS GGH** 0.0 Neg. ES "D" Pos. ES: "A" **ALPI** "A" "D" 2000 -0.5 0.5 4000 6000 8000 10000 0.0 Gene List Index Number of genes: 9988 (in list), 10 (in gene set) ES = -0.556 NES = -1.37 Nom. p-val= 0.113 FWER= 0.993 FDR= 1