Gene Set 1043: WEST\_ADRENOCORTICAL\_TUMOR\_MARKERS\_UI **Gene Set Null Distribution Heat Map for Genes in Gene Set** Class 1.5 PDE4B SQLE Gene Set Null Density Observed Gene Set ES value UBE2S 0.0 PMAIP1 STC1 Running Enrichment Score (RES) MED8 1.0 IL32 -0.5 PCSK6 MVK P(ES) SLC2A6 Zero crossing at 9579 FGFR4 Peak at 19545 BARD1 -1.0 0.5 NPTX2 KIF20A RRM2 PRC1 CDK1 TOP2A ASPM NEK2 DTL 0.0 Neg. ES "1" Pos. ES: "0" 15000 -0.5 5000 10000 20000 -1.00.5 1.0 0.0 Gene List Index

ES = -0.777 NES = -1.59 Nom. p-val= 0.016 FWER= 0.979 FDR= 0.181

Number of genes: 20389 (in list), 21 (in gene set)