Gene Set 423: KRAS_TOP100_CONTROL **Gene Set Null Distribution** Class BENE ARL7 SLC9A3R2 RAB40C ODC1 TLOC1 ETV5 EIF5 WNT2 PARD6B ATP6V1B2 PARD6A EPHB3 DUSP4 Gene Set Null Density 0.2 Observed Gene Set ES value 0.0 3 Running Enrichment Score (RES) -0.2 DUSP4
APP
KRAS2
H2AFY
TNFRSF10D
CALU
BEX1
ENTPD6
EPB42
POLR3K
UPP1
SKB1
RRM2 P(ES) Zero crossing at 4737 -0.4 Peak at 8598 9.0-HMGA2 EBNA1BP2 PHLDA1 MRPS12 DKK1 CTSL LRP8 BYSL -0.8 0 -1.0 Neg. ES "D" Pos. ES: "A" "D" 2000 0.4 4000 6000 8000 10000 -0.4 -0.2 0.0 0.2 0.6 Gene List Index Number of genes: 9988 (in list), 34 (in gene set) ES = -0.352 NES = -1.26 Nom. p-val= 0.14 FWER= 0.998 FDR= 1

