Gene Set 51 : KEGG\_RETINOL\_METABOLISM Running Enrichment Score (RES) Zero crossing at 9579 Peak at 440 -0.5 15000 5000 10000 20000

Gene List Index

Number of genes: 20389 (in list), 45 (in gene set)

**Gene Set Null Distribution** Gene Set Null Density Observed Gene Set ES value 3 0 Neg. ES "1" Pos. ES: "0" -0.6 0.0 0.6

ES = 0.586 NES = 1.98 Nom. p-val= 0 FWER= 0.034 FDR= 0.0603

