

Zero crossing at 8453

Peak at 14444

"clus2"

"NON.clus2"

Gene List Index

Number of genes: 17824 (in list), 27 (in gene set)

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.5 and 0.5. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.524. The plot is divided into two regions: 'Neg. ES "NON.clus2"' on the left and 'Pos. ES: "clus2"' on the right. Below the x-axis, the following statistics are provided: ES = -0.524, NES = -1.25, Nom. p-val= 0.264, FWER= 0.989, FDR= 0.801.

Heatmap showing gene expression levels across 48 samples, clustered into two groups: **clus2** (samples 1-24) and **NON.clus2** (samples 25-48). The y-axis lists 25 genes: RPA4, MUS81, XRCC3, POLD4, TOP3B, NBN, RAD51L3, SHFM1, MRE11A, POLD3, RAD52, POLD1, TOP3A, TOP2, SSBP1, RPA2, RAD54B, RAD50, RPA3, RAD51L1, BLM, BRCA2, RAD51, RAD54L, EME1, and XRCC2. The x-axis lists 48 samples, grouped by cluster. The color scale ranges from blue (low expression) to red (high expression). The 'clus2' group shows high expression of genes like RPA4, MUS81, XRCC3, POLD4, TOP3B, NBN, RAD51L3, SHFM1, MRE11A, POLD3, RAD52, POLD1, TOP3A, TOP2, SSBP1, RPA2, RAD54B, RAD50, RPA3, RAD51L1, BLM, BRCA2, RAD51, RAD54L, EME1, and XRCC2. The 'NON.clus2' group shows low expression of these genes.