

Figure 1 displays the results of a gene set enrichment analysis (GSEA) for the gene set "NON.clus1". The plot shows the enrichment score (ES) across the gene list index (0 to 17824). The ES curve (blue line) starts at a baseline, rises to a peak at index 15872, and then falls. A vertical green dashed line marks the "Zero crossing at 9077". A vertical blue dashed line marks the "Peak at 15872". The bottom panel shows the distribution of the ES, with a sharp peak at the beginning of the gene list. The x-axis is labeled "Gene List Index" and "Number of genes: 17824 (in list), 53 (in gene set)". The y-axis is labeled "ES".

A density plot showing the distribution of ES values for two gene sets. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0 to 3. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A black vertical line at ES = -0.324 represents the 'Observed Gene Set ES value'. The area under the red curve to the left of this line is shaded light red. Text labels on the x-axis indicate 'Neg. ES "NON.clus1"' for the left peak and 'Pos. ES: "clus1"' for the right peak. At the bottom, a summary line reads: 'ES = -0.324 NES = -1.21 Nom. p-val= 0.217 FWER= 0.991 FDR= 1'.

clus1 **NON.clus1**

Class
 PLCG2
 RARB
 FHH1
 EGFR
 PIK3CA
 RAF1
 BRAF
 AKT3
 CCND1
 RRRA
 AKT2
 PIK3CB
 ARAF
 PIK3R2
 E2F2
 PIK3R3
 CDK6
 STK4
 FOXO3
 CDK4
 MAP2K2
 PDPK1
 PLCG1
 RB1
 PRKCB
 KRAS
 CASP8
 SOS2
 MAPK1
 MAPK3
 AKT1
 RXR
 PIK3CG
 SOS1
 ERBB2
 HRAS
 BAD
 TP53
 GRB2
 NRAS
 E2F3
 CDKN2A
 RASSF1
 EGF
 MAP2K1
 PRKCA
 PIK3R5
 PIK3CD
 RASSF1B
 PIK3R1
 PRKCG
 TGFA
 RXRG

TCGA_IL_1332_01
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 TCGA_AL_1341_01
 TCGA_AL_1340_01
 TCGA_AL_1339_01
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