

Figure 1 displays a multi-panel plot showing the relationship between the Gene List Index (0 to 17824) and various metrics.

The top panel shows a blue line representing a metric that starts at a baseline, fluctuates, and then drops sharply after index 8586, reaching a peak at index 16852. A horizontal dashed line indicates the baseline. A vertical green dotted line marks the "Zero crossing at 8586", and a vertical blue dotted line marks the "Peak at 16852".

The middle panel shows a series of vertical black bars representing gene sets, with a dense cluster between indices 8586 and 16852.

The bottom panel shows a green shaded area representing a metric that starts high and decreases rapidly, then levels off, with a sharp drop at index 16852. The x-axis is labeled "Gene List Index" and "Number of genes: 17824 (in list), 52 (in gene set)".

Gene Set Null Density

Observed Gene Set ES value

$P(ES)$

Neg. ES "NON.clus6"

Pos. ES: "clus6"

ES

ES = -0.425 NES = -1.76 Nom. p-val= 0.0082 FWER= 0.648 FDR= 0.999

clus6

NON.clus6

Class

PIK3R1

PIK3CD

CTNNA3

CASP9

AXIN2

PIK3R5

PIK3R3

APC

NRAS

PIK3R2

TP53

EGF

GRB2

CTNNA1

PTEN

GSK3B

MLH1

PIK3CB

PIK3CG

KRAS

TCF7L2

BAD

HRAS

SOS1

BRAF

AKT2

ILK

SOS2

FOXO3

ERBB2

MAPK1

CTNNB1

MAP2K1

MAP2K2

PIK3CA

MAPK3

RAF1

ARAF

MYC

AXIN1

PDPK1

CDH1

CND1

AKT1

ELK1

TCF7L1

EGFR

AKT3

CTNNA2

TCF7

APC2

LEF1

CLUS6

NON-CLUS6

TCGA_KM_3430_01

TCGA_KM_3431_01

TCGA_KM_3432_01

TCGA_KL_3233_01

TCGA_KL_3234_01

TCGA_KL_3235_01

TCGA_KL_3236_01

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