

Figure 1 displays a multi-panel plot showing gene expression data for the "clus2" cluster. The x-axis represents the Gene List Index, ranging from 0 to 17,824 (total number of genes in the list).

The top panel shows a blue line graph representing the expression level across the genes. The line starts high, decreases steadily, and then increases sharply after a peak at index 14101. A vertical dashed green line marks the "Zero crossing at 8805", and a vertical dashed blue line marks the "Peak at 14101".

The middle panel shows vertical black bars representing the expression patterns of individual genes. The bars are clustered, indicating groups of genes with similar expression profiles.

The bottom panel shows a green area plot representing the distribution of genes. The area is labeled "clus2" on the left and "NON.clus2" on the right, indicating the distribution of genes within and outside the cluster.

Number of genes: 17824 (in list), 46 (in gene set)

ES = -0.626 NES = -1.59 Nom. p-val= 0.0247 FWER= 0.923 FDR= 1

Heatmap showing the expression of 48 genes across 48 samples, grouped into two clusters: **clus2** and **NON.clus2**. The color scale ranges from -2 (blue) to 2 (red).

Gene List (Rows):

- Class
- RAD9A
- H2AFX
- FANCF
- XRCC3
- CHEK1
- C17orf70
- HES1
- C19orf40
- FANCG
- FANCA
- RF62
- NBN
- MRE11A
- USP1
- ATM
- PALB2
- TOP3A
- RPA2
- APTD1
- HUS1
- FANCL
- FANCC
- RF5
- FANCE
- ATRIP
- RAD17
- RPA1
- RM1
- FBXW1
- RAD50
- ATR
- WDR48
- FANCM
- RAD1
- TOPBP1
- RF4
- RF3
- UBE2T
- SSPO
- FANCI
- BRIP1
- FANCB
- BLM
- BRCA2
- BRCA1
- FANCD2

Sample List (Columns):

- TGGA_KL_5325_01
- TGGA_KL_5326_01
- TGGA_KL_5327_01
- TGGA_KL_5328_01
- TGGA_KL_5329_01
- TGGA_KL_5330_01
- TGGA_KL_5331_01
- TGGA_KL_5332_01
- TGGA_KL_5333_01
- TGGA_KL_5334_01
- TGGA_KL_5335_01
- TGGA_KL_5336_01
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