

Figure 1 displays a multi-panel plot showing gene expression data for the 17824 genes in the list. The x-axis represents the Gene List Index (0 to 17824).

The top panel shows the log₂(RPKM) expression levels (blue line). The expression levels generally decrease from the start of the list, reaching a minimum around index 11497, and then increase. A vertical dashed green line marks the "Zero crossing at 8765", and a vertical dashed blue line marks the "Peak at 11497".

The middle panel shows a barcode representation of gene expression levels, with vertical lines indicating the presence of genes at specific indices.

The bottom panel shows the distribution of genes across the index, represented by a green area plot. The distribution is skewed towards the right, with a peak around index 11497. The area is labeled "clus3" on the left and "NON.clus3" on the right.

Number of genes: 17824 (in list), 86 (in gene set)

ES = -0.396 NES = -1.75 Nom. p-val= 0.00399 FWER= 0.366 FDR= 0.573

clus3

NON.clus3

Heatmap showing gene expression patterns across various conditions. The y-axis lists genes, grouped into 'clus3' (red background) and 'NON.clus3' (blue background). The x-axis lists conditions, grouped into 'clus3' (red background) and 'NON.clus3' (blue background). The color scale ranges from -2 (blue) to 2 (red).

clus3

LOC729991-MEF2D
CPS1
MAPK10
MAPK12
RPS6A4
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