

Figure 1 displays a multi-panel plot showing gene expression data for the "cluser3" gene set. The x-axis represents the Gene List Index, ranging from 0 to 17,259 (17,259 genes in the list, 118 genes in the gene set).

The top panel shows the log2 expression of the "cluser3" gene set (red line). The expression starts low, rises sharply to a peak at index 3606, and then gradually decreases, crossing the baseline (zero) at index 8873. A dashed horizontal line indicates the baseline expression level.

The middle panel shows the barcode plot of gene expression, where each vertical line represents the expression of a single gene across the gene list index.

The bottom panel shows the area plot of gene expression, where the green area represents the expression of the "cluser3" gene set. The area is labeled "cluser3" on the left and "NON.cluser3" on the right, indicating the transition from the "cluser3" state to the "NON.cluser3" state.

Heatmap visualization showing gene expression profiles (rows) across samples (columns). The rows are grouped into two clusters: **clus3** (left) and **NON.clus3** (right). The color scale represents expression levels, ranging from 0 (blue) to 1 (red).

Genes listed on the left (clus3):

- ORA1
- ORA2
- ORA3
- ORA4
- ORA5
- ORA6
- ORA7
- ORA8
- ORA9
- ORA10
- ORA11
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- ORA98
- ORA99
- ORA100

Genes listed on the right (NON.clus3):

- ORA101
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- ORA103
- ORA104
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