

Figure 1 displays a multi-panel plot illustrating the distribution of genes in the "clus4" cluster. The x-axis represents the Gene List Index, ranging from 0 to 17,824 (total genes in list), with 52 genes in the gene set.

The top panel shows a blue line graph representing the cumulative number of genes. The line starts at 0, rises sharply, and then exhibits a series of fluctuations, indicating a complex distribution. A vertical dashed line marks the "Zero crossing at 9125", and another vertical dashed line marks the "Peak at 14243".

The middle panel displays vertical tick marks representing individual genes, showing a dense distribution of genes across the index range.

The bottom panel shows a green area plot representing the density of genes. The area is divided into two regions: "clus4" (left) and "NON.clus4" (right), separated by the zero-crossing point at 9125.

**clust4** **NON.clust4**

Class

ATP6V1G2

SEC61A2

PRKCB

KDELR3

PRRX

PRKCA

ATP6V0A1

ADCY9

ATP6V1B2

PRKACG

ACTG1

PDIA4

PLCG1

ATP6V1C1

ATP6V1E2

ATP6V0A2

ACTB

TJP1

PRKACB

SLC12A2

SEC61A1

ATP6V1G1

TCIRG1

PRKACA

ARF1

GNAS

ATP6V0D1

ERO1L

KDELR3

ATP6V0E1

KDELR2

ATP6V1E1

SEC61B

ATP6V1H

TJP2

SEC61G

ATP6V0B

ATP6V1A

ATP6A1

KCNQ1

ATP6V1F

ATP6V0E2

ATP6V1D

PRKCG

ATP6V0C

PLCG2

ATP6V0A4

ATP6V0D2

ATP6V1B1

ATP6V1C2

ATP6V1G3

CFR

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