

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

The top panel shows the Number of genes (Y-axis, 0 to 17824) versus the Gene List Index. The blue line represents the number of genes in the list, which starts at 17824, decreases to a minimum of 35 (labeled "Zero crossing at 9125"), and then increases back to 17824. A green vertical line marks the zero crossing at index 9125.

The middle panel shows the Number of genes (Y-axis, 0 to 35) versus the Gene List Index. The black bars represent the number of genes in the set, which peaks at 35 (labeled "Peak at 16162"). A blue vertical line marks the peak at index 16162.

The bottom panel shows the Number of genes (Y-axis, 0 to 35) versus the Gene List Index. The green area represents the number of genes in the set, which is zero for indices 0 to 9125 and increases to 35 for indices 9125 to 17824. The area is labeled "clus4" for the first part and "NON.clus4" for the second part.

Gene List Index

Number of genes: 17824 (in list), 35 (in gene set)

Heatmap showing the expression of 35 genes across 40 samples, clustered by class (cluser4 and NON.cluser4). The color scale ranges from -2 (blue) to 2 (red).

Class

cluser4

NON.cluser4

Gene List:

- LAMA2
- PAK3
- ITGB1
- UTRN
- NRG1
- PAK2
- ACTA1
- MAPK8
- SRC
- CDC42
- GIT2
- DVL1
- SP1
- CTTN
- RAC1
- EGFR
- MAPK1
- MAPK3
- PTK2
- JUN
- PXN
- MUSK
- PAK1
- CHRNA1
- ITGA1
- DAG1
- LAMA4
- PAK4
- DMD
- PAK6
- LAMA3
- NRG2
- RAPSN
- PAK7
- CHRM1

Sample List:

- TGGA_KL_1329_01
- TGGA_KL_1332_01
- TGGA_KL_1334_01
- TGGA_KM_1439_01
- TGGA_KM_1477_01
- TGGA_KM_1639_01
- TGGA_KM_1672_01
- TGGA_KM_1677_01
- TGGA_KM_1684_01
- TGGA_KL_1323_01
- TGGA_KL_1325_01
- TGGA_KL_1326_01
- TGGA_KL_1328_01
- TGGA_KL_1329_01
- TGGA_KL_1331_01
- TGGA_KL_1332_01
- TGGA_KL_1334_01
- TGGA_KL_1336_01
- TGGA_KL_1337_01
- TGGA_KL_1338_01
- TGGA_KL_1340_01
- TGGA_KL_1342_01
- TGGA_KL_1346_01
- TGGA_KM_1442_01
- TGGA_KM_1443_01
- TGGA_KM_1476_01
- TGGA_KM_1478_01
- TGGA_KM_1479_01
- TGGA_KM_1481_01
- TGGA_KM_1482_01
- TGGA_KM_1483_01
- TGGA_KM_1485_01
- TGGA_KM_1486_01
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