

Figure 1: A plot showing the distribution of the number of genes in the clus4 cluster across the gene list index. The x-axis is 'Gene List Index' (0 to 17824) and the y-axis is 'Number of genes' (0 to 44). A red line shows the cumulative distribution, peaking at 3495 and crossing zero at 9125. A green area under the curve shows the density of genes in the clus4 cluster, with a peak at 3495 and a zero crossing at 9125. The plot is divided into 'clus4' (left) and 'NON.clus4' (right) regions.

ES = 0.438 NES = 1.34 Nom. p-val= 0.129 FWER= 0.949 FDR= 1

Heatmap showing gene expression profiles for 40 genes across 40 samples. The samples are grouped into two clusters: **clus4** (red header) and **NON.clus4** (blue header). The genes are listed on the y-axis. The color scale ranges from blue (low expression) to red (high expression).

Genes (Y-axis):

- Class
- AGPAT4
- DGAT2
- PPAP2C
- DGKA
- PNPLA3
- MBOAT2
- LIPF
- ALDH2
- DGKG
- LPL
- DGK
- LIPK
- LIPG
- ALDH1B1
- DGKD
- GPAT2
- LCLAT1
- ALDH9A1
- CEL
- AGPAT1
- DGKE
- ALDH3A2
- DGKQ
- GPAM
- PPAP2A
- ALDH7A1
- DAK
- AGPAT6
- AKR1B1
- AKR1A1
- PPAR2B
- AGK
- AGPAT3
- GLYCK
- DGAT1
- DGKB
- GLA
- MBOAT1
- DGKZ
- MGLL
- GK
- AGPAT2
- AGPAT9
- DGKI

Samples (X-axis):

- TGGA_AL_5333_01
- TGGA_AL_5343_01
- TGGA_AL_5344_01
- TGGA_AL_5345_01
- TGGA_AL_5346_01
- TGGA_AL_5347_01
- TGGA_AL_5348_01
- TGGA_AL_5349_01
- TGGA_AL_5350_01
- TGGA_AL_5351_01
- TGGA_AL_5352_01
- TGGA_AL_5353_01
- TGGA_AL_5354_01
- TGGA_AL_5355_01
- TGGA_AL_5356_01
- TGGA_AL_5357_01
- TGGA_AL_5358_01
- TGGA_AL_5359_01
- TGGA_AL_5360_01
- TGGA_AL_5361_01
- TGGA_AL_5362_01
- TGGA_AL_5363_01
- TGGA_AL_5364_01
- TGGA_AL_5365_01
- TGGA_AL_5366_01
- TGGA_AL_5367_01
- TGGA_AL_5368_01
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- TGGA_AL_5370_01
- TGGA_AL_5371_01
- TGGA_AL_5372_01
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- TGGA_AL_5375_01
- TGGA_AL_5376_01
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- TGGA_AL_5378_01
- TGGA_AL_5379_01
- TGGA_AL_5380_01
- TGGA_AL_5381_01
- TGGA_AL_5382_01
- TGGA_AL_5383_01
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