

Figure 1 displays a multi-panel plot showing gene expression data for the "NON.clus1" cluster. The x-axis represents the Gene List Index, ranging from 0 to 18,361 (total number of genes in the list) and 85 (number of genes in the gene set).

The top panel shows a red line plot representing the expression level across the gene list index. The expression starts at a baseline, rises to a peak at index 3,631, and then gradually declines, crossing the baseline at index 8,936. A horizontal dashed line indicates the baseline expression level.

The middle panel shows a barcode plot where vertical black lines represent the expression level of individual genes. The density of lines is highest at the beginning of the gene list and decreases towards the end.

The bottom panel shows a green area plot representing the distribution of gene expression levels. The distribution is highly skewed, with a sharp peak at index 0 and a long tail extending to index 18,361.

Key features identified in the plot include:

- Peak at 3631:** The maximum expression level occurs at gene index 3,631.
- Zero crossing at 8936:** The expression level crosses the baseline at gene index 8,936.

Heatmap visualization showing gene expression profiles across 100 samples, categorized into two groups: **clus1** (red background) and **NON.clus1** (blue background). The y-axis lists 100 genes, and the x-axis represents individual samples. The color scale ranges from 0 (blue) to 1 (red), indicating expression levels. The heatmap shows distinct clusters of genes with similar expression patterns across the samples.

Gene list (from top to bottom):

- C1orf114
- WNT7A
- NKX1
- NKX17
- WNT11
- SFRP4
- WISP1
- WNT5B
- FZD4
- FZD2
- SHK2
- SFRP1
- DMDC1
- WNT2
- FZD8
- WNT5A
- WNT3
- FZD1
- PCG
- POC4
- WNT9
- WNT6
- WNT10A
- TCF7
- DAM1
- FZD8
- CCND1
- LEF1
- WNT5
- TCF7L1
- FZD7
- WNT1
- B2M
- DVL1
- TL2
- JUN
- FZD9
- FOSL1
- WNT7B
- CTNNG1
- GSK3B
- ICF1
- CCND2
- FZD9
- FBXW2
- CCND3
- CTBP1
- CSNK1D
- WNT5A
- CTRC
- WNT5A
- PPP2R1A
- CSNK1G1
- APC
- BCL9
- CSNK2A1
- GSK3A
- LRP5
- CSNK1A1
- LRP6
- DVL2
- CTBP2
- MYC
- FBXW1
- FBXW4
- AXIN
- GAPDH
- SFRP2
- HPR1
- PPP2R1
- CX3C4
- ASB
- TL1
- RPL13A
- CTNBP1
- CTNBP1
- KREMEN1
- WNT4
- FZD3
- FZD5
- WIF1
- WNT3B
- SLC3A3
- FRAT1
- FOXN1
- WNT1