

Figure 1 displays the distribution of genes in the "clus3" cluster. The plot shows the cumulative distribution function (CDF) of gene list indices, with a peak at 2165 and a zero crossing at 9671. The x-axis represents the Gene List Index (0 to 18192), and the y-axis represents the Number of genes (18192 in list, 95 in gene set). The plot is divided into two regions: "clus3" (left) and "NON.clus3" (right).

ES = 0.524 NES = 1.64 Nom. p-val= 0.00406 FWER= 0.653 FDR= 0.126

Heatmap visualization showing gene expression patterns across two clusters: **clus3** (top) and **NON.clus3** (bottom). The y-axis lists 100 genes, and the x-axis represents individual samples. The heatmap is color-coded by cluster, with clus3 in red and NON.clus3 in blue. The top of the heatmap is labeled 'clus3' and the bottom 'NON.clus3'.

Genes listed on the y-axis (from top to bottom):

- CHST8
- WNT10B
- PRKAC
- CAMK2A
- PRKCB
- TRIP1
- CREB1
- FZD6
- KIF1
- WNT1
- CALML4
- WNT7A
- ALDH1
- WNT10A
- ADCF
- GNAQ1
- WNT2B
- CAMK2B
- WNT7B
- ADCF4
- ADCF2
- CREB1
- CALM1
- PLCB2
- POMC
- EDNRB
- PRKAR1A
- WNT7B
- PLCB4
- WNT8B
- WNT8A
- CALM3
- MAPK3
- ADCF3
- FZD1
- FZD2
- MAPK1
- EDNR1
- CAMK2D
- CREBBP
- ADCF6
- PLCB1
- DLL1
- NRAS
- NCOR2
- PRKACA
- ADCF9
- MAPK9
- LEF1
- DLL3
- GNAQ3
- KRAS
- WNT5
- KITLG
- CALM2
- WNT8B
- WNT2
- GNAQ2
- ADCF5
- FZD3
- FZD6
- FZD8
- CREB1
- CTNINB1
- FZD5
- CREB1
- DLL2
- FZD7
- WNT8B
- TCF7L1
- CREB1
- FZD1
- GNAQ1
- TCF7
- NRAS
- FZD2
- FZD8
- WNT5A
- WNT11
- WNT10A
- ASPM
- WNT5
- DCT