

Peak at 3448

Zero crossing at 10318

"clus4"

"NON.clus4"

Gene List Index

Number of genes: 18187 (in list), 86 (in gene set)

Gene Set Null Density

Observed Gene Set ES value

Neg. ES: "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.526 NES = 1.63 Nom. p-val= 0.00207 FWER= 0.664 FDR= 0.331

The figure displays a heatmap of gene expression data. The y-axis lists 100 genes, and the x-axis lists 100 samples. The samples are grouped into two main clusters: 'clus4' (samples 1-50) and 'NON.clus4' (samples 51-100). The color scale ranges from -2 (blue) to 2 (red), with 0 being white. The 'clus4' group shows a distinct pattern of high expression (red) for the first 10 genes and low expression (blue) for the remaining 90 genes. The 'NON.clus4' group shows a more heterogeneous expression pattern across all genes.

Gene List (Y-axis):

- Clus4
- ADCT5
- DRD1
- ADCT7
- TUBB8
- DRD3
- GUCY1B3
- PRKG1
- ADCT1
- GUCY1A2
- GUCY1A3
- TUBA1
- GRM1
- PDGFBR
- PRKCQ
- TUBB4
- TUBB4B
- TUBA3D
- PDGFRA
- GRM5
- GRM6
- PDGFA
- TUBA1A
- TUBB8B
- CDK1
- HTF29
- TUBA3E
- BRIC
- ADCT4
- ADCT6
- TUBB4A
- TUBA1L
- MAPK7
- TUBB1
- PRKACA
- PRKX
- EGF
- KRAS
- PRKG2
- PDGFRA
- PDGFR
- GNA5
- MAP2K2
- TUBB1B
- GNA11
- TUBB
- ADRB1
- LPH1
- HTF2A
- PRKACB
- GNAQ
- ITPR2
- PDGFR
- ITPR3
- TUBB2C
- GNA1
- MAPK1
- LRP1
- RAF1
- RGS1
- CNSG10
- ADCT7
- MAP2K2
- NRAS
- TUBB8
- HRAS
- GNAI2
- PLCB2
- GRB2
- ADCT7
- GNAI3
- ITPR1
- MAPK2
- TUBB2A
- MAP2K1
- TUBA1C
- MAPK2
- PRKCA
- TUBA4A
- PLCB1
- PLCB2
- TUBA5C
- GNAI1
- EGFR
- PRKCB

Sample List (X-axis):

- T0001_01_000001
- T0001_01_000002
- T0001_01_000003
- T0001_01_000004
- T0001_01_000005
- T0001_01_000006
- T0001_01_000007
- T0001_01_000008
- T0001_01_000009
- T0001_01_000010
- T0001_01_000011
- T0001_01_000012
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- T0001_01_000098
- T0001_01_000099
- T0001_01_000100