

Running Enrichment Score (RES)

Peak at 1511

Zero crossing at 10412

"cluser3"

"NON.cluser3"

Gene List Index

Number of genes: 18113 (in list), 53 (in gene set)

ES = 0.372 NES = 1.53 Nom. p-val = 0.0146 FWER = 0.967 FDR = 0.235

Heatmap visualization showing gene expression profiles (log2 expression) for 40 genes across 40 samples. The samples are grouped into two clusters: **clus3** (samples 1-10) and **NON.clus3** (samples 11-50). The color scale ranges from -2 (blue) to 2 (red).

**Genes (Rows):**

- Class
- TUBA3C
- TUBA3D
- WAS
- HCLS1
- LY96
- TLR4
- TUBA3E
- FYN
- TUBA8
- TLR5
- NCK1
- TUBA13
- ROCK2
- PRKC
- EZR
- ARHGEF2
- NCL
- TUBB
- ARPC1B
- ACTB
- YWHAQ
- RHOA
- YWHAZ
- ARPC4
- TUBA1B
- ARPC5
- ARPC2
- TUBA4A
- TUBB8
- ARPC5L
- TUBB1
- ABL1
- ROCK1
- CD14
- ARPC3
- TUBA1C
- TUBA1A
- ACTG1
- ARPC1A
- CDC42
- CTNBF1
- WASL
- NCK2
- TUBB8
- CTTN
- ITGB1
- CLDN1
- CDH1
- TUBB3
- TUBB2B
- KRT18
- TUBB2A
- OCLN

**Samples (Columns):**

- TCGA\_3X\_AA0E\_01
- TCGA\_W5\_AA2H\_01
- TCGA\_W5\_AA2R\_01
- TCGA\_W5\_AA2U\_01
- TCGA\_W5\_AA30\_01
- TCGA\_3X\_AA09\_01
- TCGA\_3X\_AA1A\_01
- TCGA\_3X\_AA1B\_01
- TCGA\_3X\_AA1C\_01
- TCGA\_4G\_AA20\_01
- TCGA\_4G\_AA2T\_01
- TCGA\_W5\_AA2G\_01
- TCGA\_W5\_AA2I\_01
- CGA\_W5\_AA20\_01
- CGA\_W5\_AA2Q\_01
- TCGA\_W5\_AA2T\_01
- CGA\_W5\_AA2W\_01
- TCGA\_W5\_AA2X\_01
- TCGA\_W5\_AA2Z\_01
- TCGA\_W5\_AA31\_01
- TCGA\_W5\_AA33\_01
- TCGA\_W5\_AA34\_01
- TCGA\_W5\_AA36\_01
- TCGA\_W5\_AA38\_01
- TCGA\_W5\_AA39\_01
- TCGA\_W6\_AA0S\_01
- TCGA\_WD\_ATRX\_01
- TCGA\_YR\_A95A\_01
- TCGA\_ZD\_A8I3\_01
- TCGA\_ZH\_A8Y1\_01
- TCGA\_ZH\_A8Y2\_01
- TCGA\_ZH\_A8Y4\_01
- TCGA\_ZH\_A8Y5\_01
- TCGA\_ZH\_A8Y6\_01
- TCGA\_ZH\_A8Y8\_01
- TCGA\_ZH\_A8S4\_01