

Gene Set Null Density

Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "cluser3"

ES

ES = 0.795 NES = 1.75 Nom. p-val= 0 FWER= 0.705 FDR= 0.176

The heatmap displays gene expression profiles across various conditions. The rows represent genes, grouped into two main categories: **clus3** (left) and **NON.clus3** (right). The columns represent different experimental conditions, labeled as follows:

- TCGA\_3X\_AAWE\_01**
- TCGA\_W5\_AA2H\_01**
- TCGA\_W5\_AA2R\_01**
- TCGA\_W5\_AA2U\_01**
- TCGA\_W5\_AA3O\_01**
- TCGA\_3X\_AAV9\_01**
- TCGA\_3X\_AAVV\_01**
- TCGA\_3X\_AAVB\_01**
- TCGA\_3X\_AAVC\_01**
- TCGA\_4G\_AAZO\_01**
- TCGA\_4G\_AAZT\_01**
- TCGA\_W5\_AA2G\_01**
- TCGA\_W5\_AA2I\_01**
- TCGA\_W5\_AA2O\_01**
- TCGA\_W5\_AA2Q\_01**
- TCGA\_W5\_AA2T\_01**
- TCGA\_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\_AAIS\_01**
- TCGA\_WD\_ATRX\_01**
- TCGA\_YR\_A95A\_01**
- TCGA\_ZD\_A813\_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\_Z11\_A8S4\_01**

The color scale indicates relative expression levels, ranging from blue (low) to red (high).