

ES = -0.483 NES = -1.58 Nom. p-val= 0.043 FWER= 0.733 FDR= 0.28

The heatmap displays gene expression profiles across various conditions, categorized by cluster membership. The columns are grouped into two main clusters: **clus3** (red header) and **NON.clus3** (blue header). The rows represent different genes, with some highlighted in red (e.g., SPTAN1, TNFRSF10A, TNFRSF10B, TNFRSF10C, TNFRSF10D, TNFRSF10E, TNFRSF10F, TNFRSF10G, TNFRSF10H, TNFRSF10I, TNFRSF10J, TNFRSF10K, TNFRSF10L, TNFRSF10M, TNFRSF10N, TNFRSF10O, TNFRSF10P, TNFRSF10Q, TNFRSF10R, TNFRSF10S, TNFRSF10T, TNFRSF10U, TNFRSF10V, TNFRSF10W, TNFRSF10X, TNFRSF10Y, TNFRSF10Z).

The color scale ranges from -2 (dark blue) to 2 (dark red), with white representing 0. The heatmap shows distinct patterns of gene expression across the different conditions, with some genes showing high expression in specific clusters and others showing low expression.