**Use of the “DetectionHeatmapPlot” DSP DA plugin**

This vignette is a guide to running the DetectionHeatmapPlot DSP-DA plugin with examples of the possible plotting options.

**Intended use**

This plugin was designed for data from the GeoMx RNA assay. (something about normalized or signal-to-noise ratio data)

This plugin draws a heatmap of the inputted gene expression data. Genes are represented by columns, and samples by rows. The genes and samples are clustered by unsupervised hierarchical clustering. Additionally, it has the following options for added information:

1. Add barplots showing percent of genes within a sample that are below specified detection limit
2. Add clinical annotations as color coded bars for samples