

A heatmap visualization showing the expression levels of the 1000 most differentially expressed genes across 40 samples. The y-axis represents the genes, and the x-axis represents the samples, numbered 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, and 40. The color scale ranges from dark blue (low expression) to red (high expression). The heatmap shows a clear pattern of differential expression, with a cluster of genes showing high expression (red/orange) in samples 2-10 and low expression (dark blue) in samples 12-40. There are also some genes showing high expression in samples 12-20 and low expression in samples 22-40.

