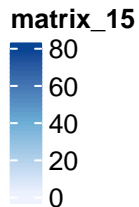


Heatmap showing the relative abundance of 49 clonotypes across 12 samples. The color scale ranges from 0 (light blue) to 8 (dark blue). The clonotypes are listed on the y-axis, and the samples are listed on the x-axis. The heatmap shows that clonotype1 is highly abundant in sample 1, while clonotype10 is highly abundant in sample 11. Other clonotypes show varying degrees of abundance across the samples.



Heatmap visualization of matrix\_16, showing relationships between 20 clonotypes (rows) and 20 samples (columns). The color scale ranges from 0 (light blue) to 1 (dark blue). The heatmap is divided into three vertical sections by grey bars at columns 3, 12, and 16. A dendrogram on the left shows the hierarchical clustering of samples. The clonotypes are listed on the right, and the samples are numbered 0 to 19 at the bottom.

