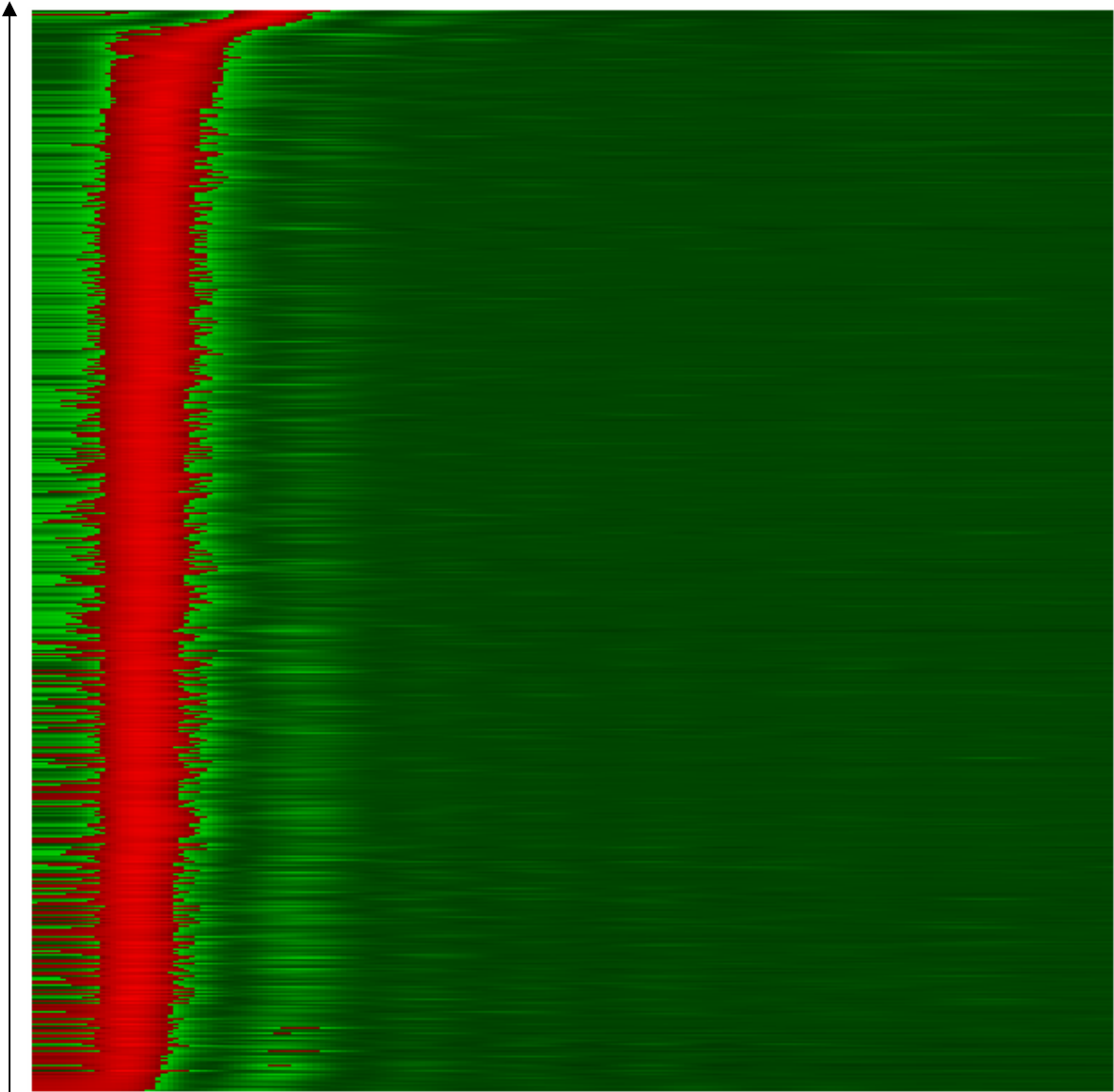


# Periodogram Map

Lomb-Scargle Results from Bozdech "Complete" Dataset  
4358 Periodic Probes,  $\alpha = 1E-4$  significance

Probes



↑                    ↑  
48-hour          24-hour  
band              band

Frequency

Probes are ordered by the frequency corresponding to the "dominant" peak in each Lomb-Scargle periodogram.

Clustering of a periodogram map may be a useful exploratory tool in some cases, but here a simple sort by peak frequency shows the dominance of frequency band corresponding to the 48-hour period in the Plasmodium data. Whether the weak 24-hour band is an indication of some biological process, or is only an artifact of the Lomb-Scargle technique, is not yet clear.