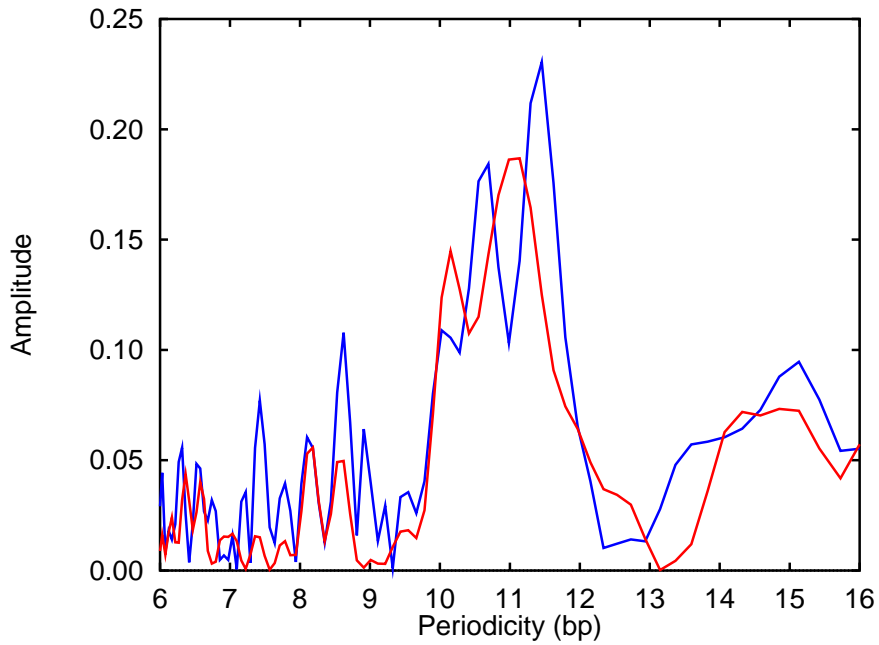
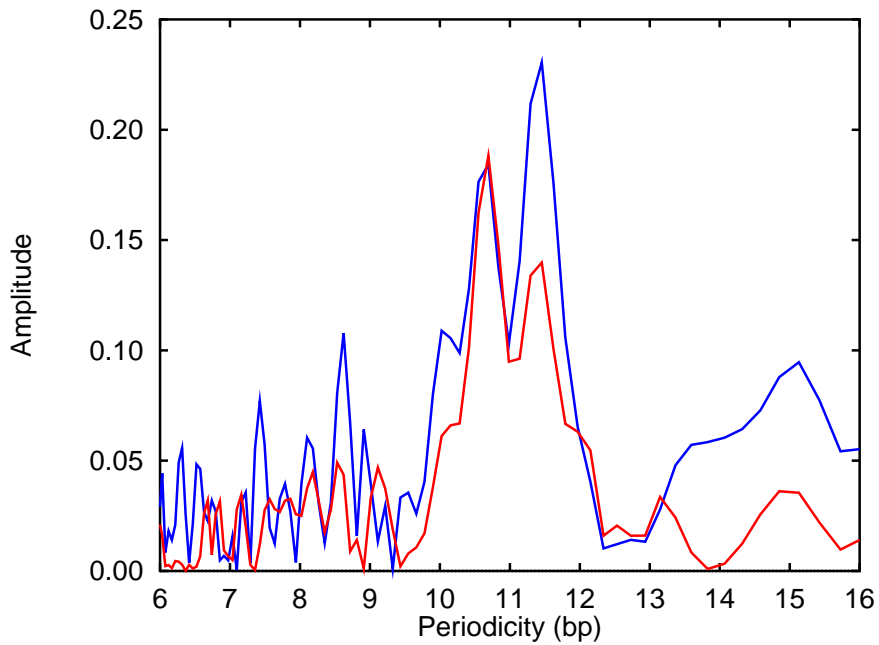


**Figure 1.** Average periodicity spectra for Bacteria (green) and Archaea (blue) shown together with the spectrum for the complete genome of the yeast *S. cerevisiae* (red).



**Figure 2a.** Periodicity spectrum for the complete genome of the thermophilic bacteria *T. maritima* (red) shown together with the Archaea-like sequences from *T. maritima* (blue).



**Figure 2b.** Periodicity spectrum for the complete genome of thermophilic Archaea *P. horikoshii* (red) shown together with the Archaea-like sequences from *T. maritima* (blue).