

Supplementary Dataset A - Plot of the experimental temperature profile used in this study. Temperature oscillation started at the beginning of the experiment, with an amplitude of  $\pm 15^{\circ}\text{C}$  around the final equilibrium temperature. The variation of  $30^{\circ}\text{C}$  between the high and low temperatures was attained in two hours. The upper and lower temperatures were held constant for one hour. The temperature cycling lasted 14 days (7 days in one experiment) that was followed by 7 days at the final equilibrium temperature.

