



**Figure S1.** Fly mortality of *D. sukukii* after pyrokinin dsRNA injection (mean + s.e.m). Five-day old flies were injected with pyrokinin dsRNA (1  $\mu$ g/50 nL/fly) or GFP dsRNA control (1  $\mu$ g/50 nL/fly) and observed for 3 days. NS indicates no significantly different between pyrokinin dsRNA treatment and GFP dsRNA control at 95% confidence level (Mann Whitney test, two-tailed,  $P = 0.0543$ ,  $n \geq 100$ ). Experiment was repeated five times at least.