



Figure S1: Summary of bioluminescence output of live *A. flava* larvae in response to spaced vibration. Total bioluminescence output of larvae through the treatment night (blue) in comparison to the preceding control night (red) (t-test, * $P < 0.001$): **(A)** 1 pulse/hour (n=17), **(B)** 1 pulse/30 min (n=17), **(C)** 1 pulse/15 min (n=17), **(D)** 1 pulse/12 min (n=7), **(E)** 1 pulse/10 min (n=8), and **(F)** 1 pulse/min (n=9).