Figure 3—figure supplement 1

A Two-photon laser (940 nm) — Detector
Galvo — Band-pass filter (525/50 nm)
Dichroic beam splitter — Mirror
Objective — Optic fiber — High-power LED (660 nm)
Band-pass filter (660 nm) + ND filter
P1ᵃ>Chrimson::tdT/GCaMP6s

B Stimulation protocol

C *P1 cell bodies*
cell1, cell2, cell3, cell4, cell5, cell6

D normalized ΔF/F — cell1, cell2, cell3, cell4, cell5, cell6 — Time (min) — Light

E mean normalized ΔF/F — (Hz) 1 3 5 10 20 30 40 50 — n = 3 flies 6 cells/fly — Light — Time (min)

F normalized peak ΔF/F — Pre, 1Hz, 3Hz, 5Hz, 10Hz, 20Hz, 30Hz, 40Hz, 50Hz

G normalized peak ΔF/F — r^2 = 0.65316 — individual cell — mean — Frequency (Hz)