Figure S3. SD$_{MUA}$ analysis.

A, The MUA data shown in text-Fig. 4A was re-plotted as SD$_{MUA}$. B, Each SD was calculated for a duration of 5 ms (100 consequent points).

1) The MUA magnitude was measured over time as the SD$_{MUA}$ minus 3 times of the minimal SD$_{MUA}$ (SD$_{min}$) during 1 s-period after the light onset.

2) Time to peak LEB: the time to reach the peak SD$_{MUA}$ of LEB from the onset of blue irradiation.

3) LEB duration: the duration above 3 times of the SD$_{min}$.

4) PAB duration: the duration above 3 times of the SD$_{min}$ during the afterburst.

5) Interburst interval: the interval between a peak SD$_{MUA}$ and the next.