Supplementary Figure 1

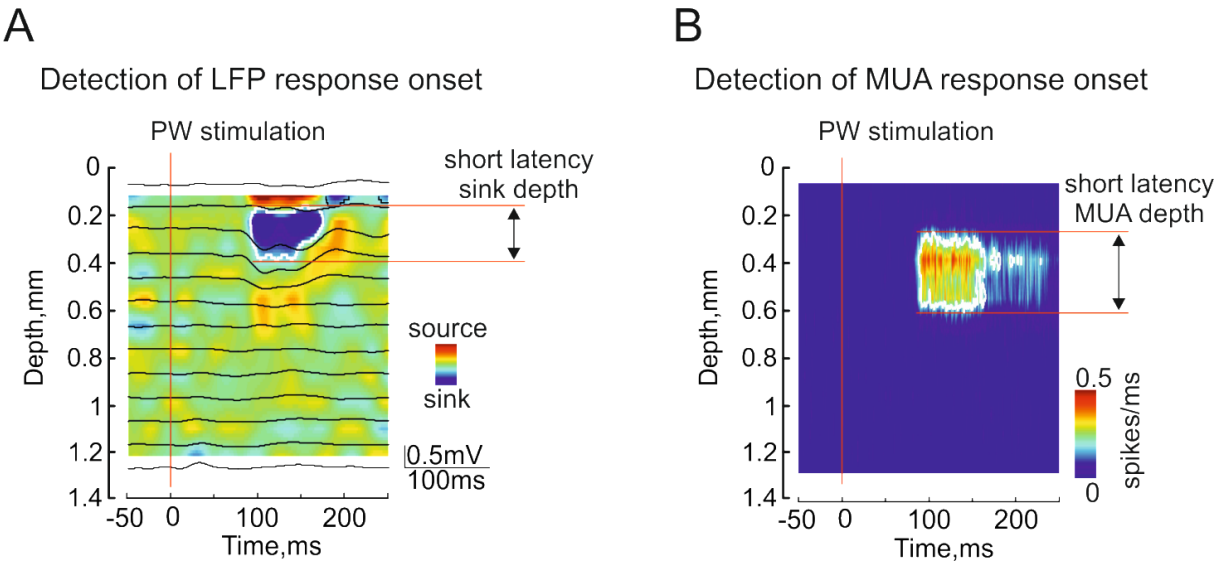

Figure S1. Estimation of thalamorecipient layer.

Detection of the depth of thalamorecipient layer in P1 animal based on analysis of CSD of averaged cortical LFP response **(A)** and PSTH of short-latency MUA across cortical depth **(B).** Upper and lower borders are shown by red lines and are detected based on threshold-crossing by sink amplitude or MUA density (threshold for CSD – 20 standard deviations of CSD baseline before stimulus; threshold for MUA estimated as 5 standard deviations of spontaneous MUA).