



Figure 7-figure supplement 1. Resting activity in GB1-cKO and control littermate mice. (A) Normalized power spectrum analysis of the LFP recordings in hippocampal CA1 region in GB1-cKO (red, $n = 6$) and control littermate mice (black, $n = 6$) in unstimulated conditions. (B) Relative changes of normalized power at different oscillation frequencies for GB1-cKO and control littermate mice. No significant differences in network activity were observed in resting conditions between those mice. Theta band, $P = 0.485$; unpaired t -test. Low gamma $P = 0.937$; Wilcoxon rank-sum test. High gamma oscillations, $P = 0.158$; Wilcoxon rank-sum test. (C) PVL index in resting conditions for GB1-cKO and control littermate mice did not show significant changes (PVL= 0.30 ± 0.03 and 0.39 ± 0.03 for control and GB1-cKO; $n = 24$ and 36 epochs, respectively; $P = 0.06$; unpaired t test). Error bars indicate SEM.