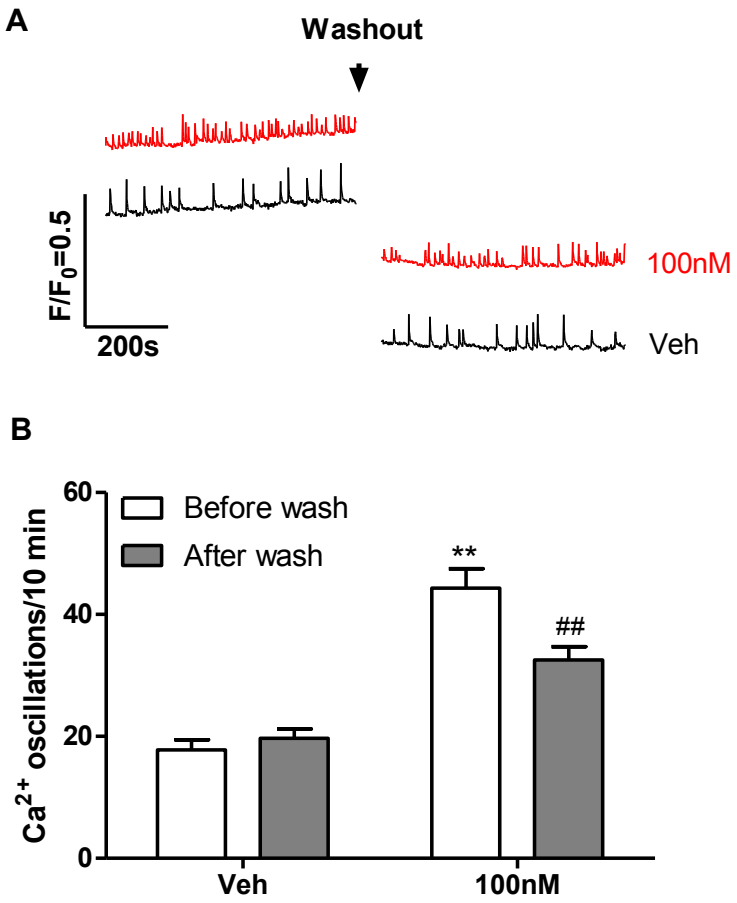
Nanomolar Bifenthrin Alters Synchronous Ca^{2+} Oscillations And Cortical Neuron Development Independent of Sodium Channel Activity

Zhengyu Cao, Yanjun Cui, Hai M. Nguyen, David Paul Jenkins, Heike Wulff, Isaac N. Pessah



Supplementary Figure 1 | (A), Representative traces for spontaneous and bifenthrin-augmented Ca^{2+} oscillations before and after washout. (B), Quantification of bifenthrin-augmented Ca^{2+} oscillations frequency before and after complete wash for 5 times. Complete washout out of bifenthrin produces a partial recovery on the frequency of Ca^{2+} oscillations suggesting a persistent response on the spontaneous Ca^{2+} oscillations of bifenthrin. Each data point represents Mean±SEM (n=10) from two experiments each performed in quintuplicates.