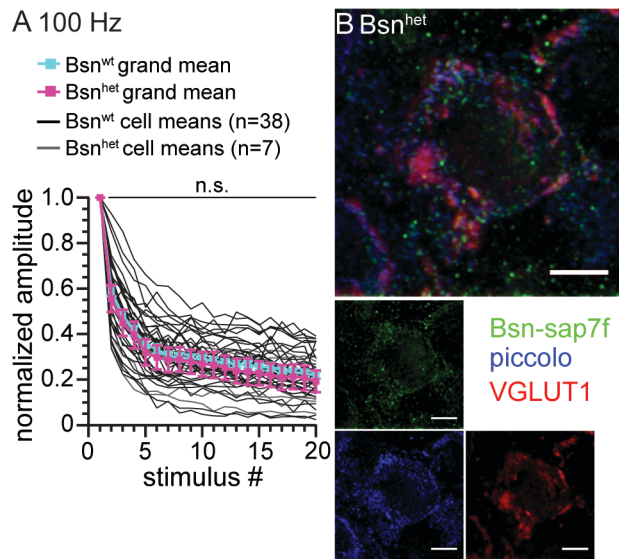
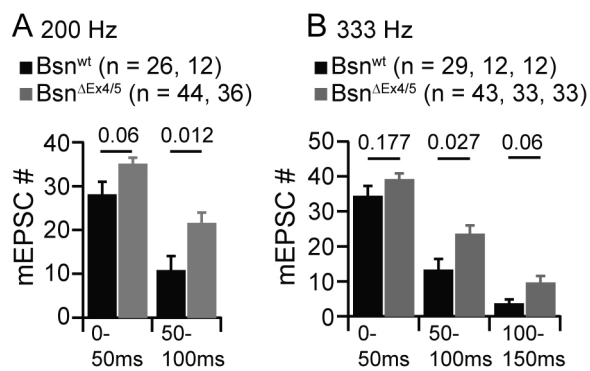


Figure S5: No evidence for dominant negative effects of the Bsn^{ΔEx4/5} fragment



A) Short-term depression does not differ between synapses from Bsn^{wt} (n = 38) and Bsn^{het} mice (n = 7), 100 Hz stimulation. **B)** Maximum projection of a confocal image stack a Bsn^{het} BC: Labeling of bassoon's sap7f (green) epitope shows punctate expression colocalizing with Piccolo (blue) at active zones.

Figure S6: Asynchronous release after high frequency stimulation of Bsn^{ΔEx4/5} synapses



Asynchronous release events after high-frequency stimulation at 200 Hz (**A**) and 333 Hz (**B**) are more numerous for Bsn^{ΔEx4/5} mutant synapses.