



**Figure S1.** BoNTA-cleaved SNAP-25 decreases over time in the intoxicated trigeminal ganglionic neurons (TGNs). Cultured TGNs were intoxicated with BoNTA with the indicated concentrations for 24 h. Cells were either immediately harvested in LDS-sample buffer or continually cultured until the indicated time points before harvesting for probing the SNAP-25 cleavage. Syntaxin 1 was probed as an internal loading control. Representative blots revealing a relatively fast loss of cleaved SNAP-25 and recovery of full-length SNAP-25 in BoNTA intoxicated neurons.