



Figure S5 Presynaptic Expression of dP32-EGFP Rescues the $dp32^{EC1}$ Paralytic Phenotype. Rescue of TS paralysis in the $dp32^{EC1}$ mutant was examined at 38°C. The time for 50% paralysis was increased from 11.2 ± 3.12 sec ($n = 5$) in $dp32^{EC1}$ (dp32EC1/Df) to 16.9 ± 1.48 min ($n = 5$) in $dp32^{EC1}$ expressing dP32-EGFP in the nervous system (dp32EC1/Df rescued with dP32-EGFP). The WT behavioral test was truncated after 20 minutes. These results demonstrate that the dP32-EGFP fusion protein retains its function. The data for WT and $dp32^{EC1}$ are the same as in Figure 1B.