



SUPPLEMENTARY FIG. S2. The absence of MSRA-1 exacerbates synaptic dysfunction in the A β transgenic worms. The graph shows the time course of paralysis in response to nicotine (31 mM). One-day-old control worms (CL2122), A β transgenic worms (CL2120), A β ; *msra-1* worms (ANM19), and A β ; *msra-1* worms rescued with the wild-type *msra-1* gene (ANM45) were assayed on nicotine plates. The absence of MSRA-1 increases the nicotine resistance of the A β strain. The *msra-1* rescued strain ANM45 shows the same behavior as the A β strain. *** $p \leq 0.0001$ comparing the A β transgenic worms with A β ; *msra-1* worms.