

Additional File 2. Abnormal neurobehavioral development in larvae developmentally exposed to nicotine. (A-C) Embryos were individually exposed to nicotine (0-30 μM) in a 96 well plate from 4-120 hpf. At 120 hpf, larvae were visually assessed for malformations and subjected to a touch response test or automated locomotion test. **(A)** Nicotine exposure does produce in overt malformations. **(B)** % Abnormal touch behavior at 120 hpf. **(C)** Nicotine exposure results in concentration-dependent behavioral hyperactivity during the dark period. Significance was determined by one-way ANOVA with a Tukey's post test (** $p < 0.01$, *** $p < 0.001$).

