

Supporting Information

Human Therapeutic Plasma Levels of the Selective Serotonin Reuptake Inhibitor (SSRI) Sertraline Decrease Serotonin Reuptake Transporter Binding and Shelter Seeking Behavior in Adult Male Fathead Minnows

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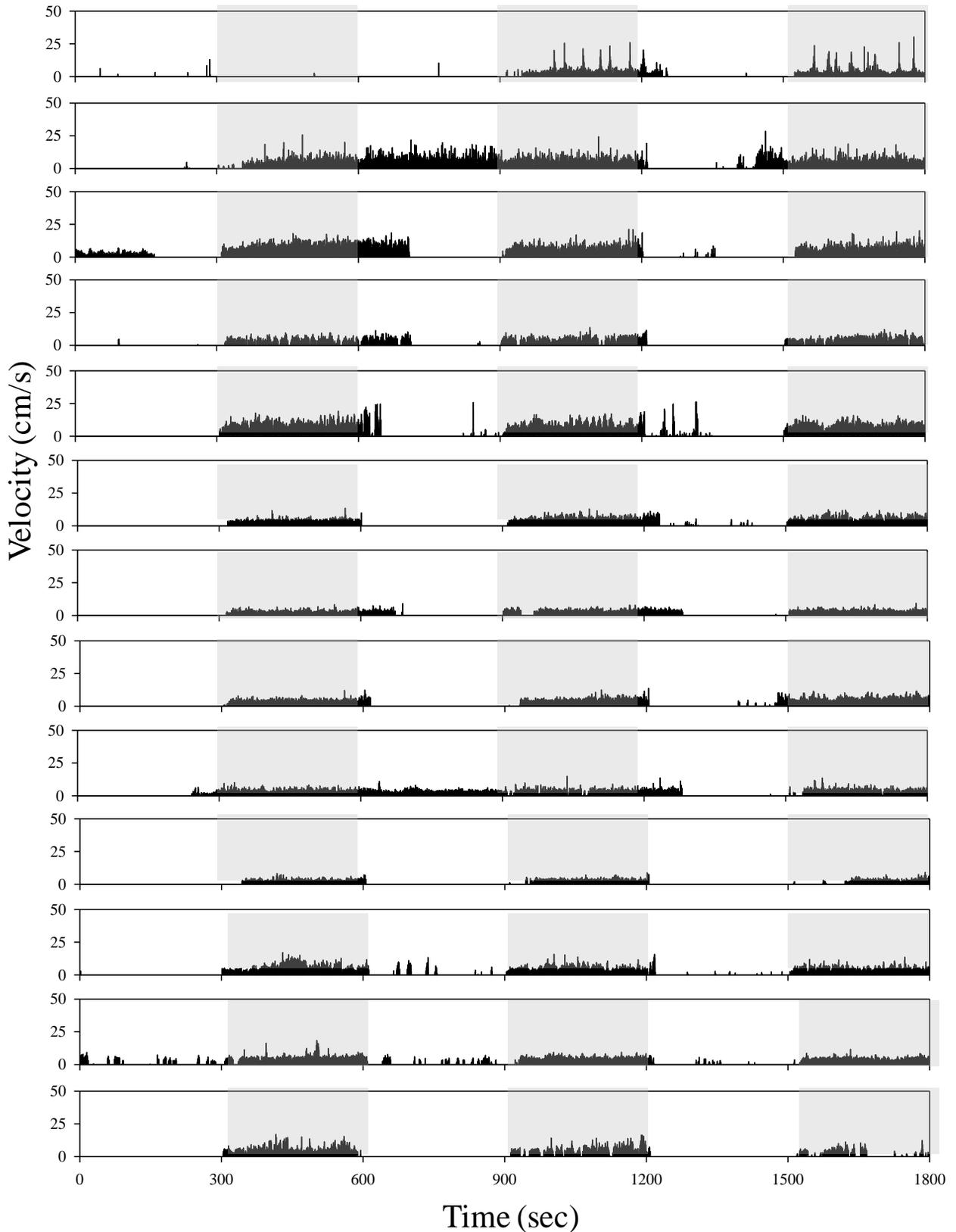


Figure S1. Mean velocities of adult male *Pimphales promelas* in control treatments during behavioral assays. Calculations determined using NOLDUS software. Each graph shows swim patterns for one fish. White= Periods of Light / Gray = Periods of Dark.

3 μg sertraline/L

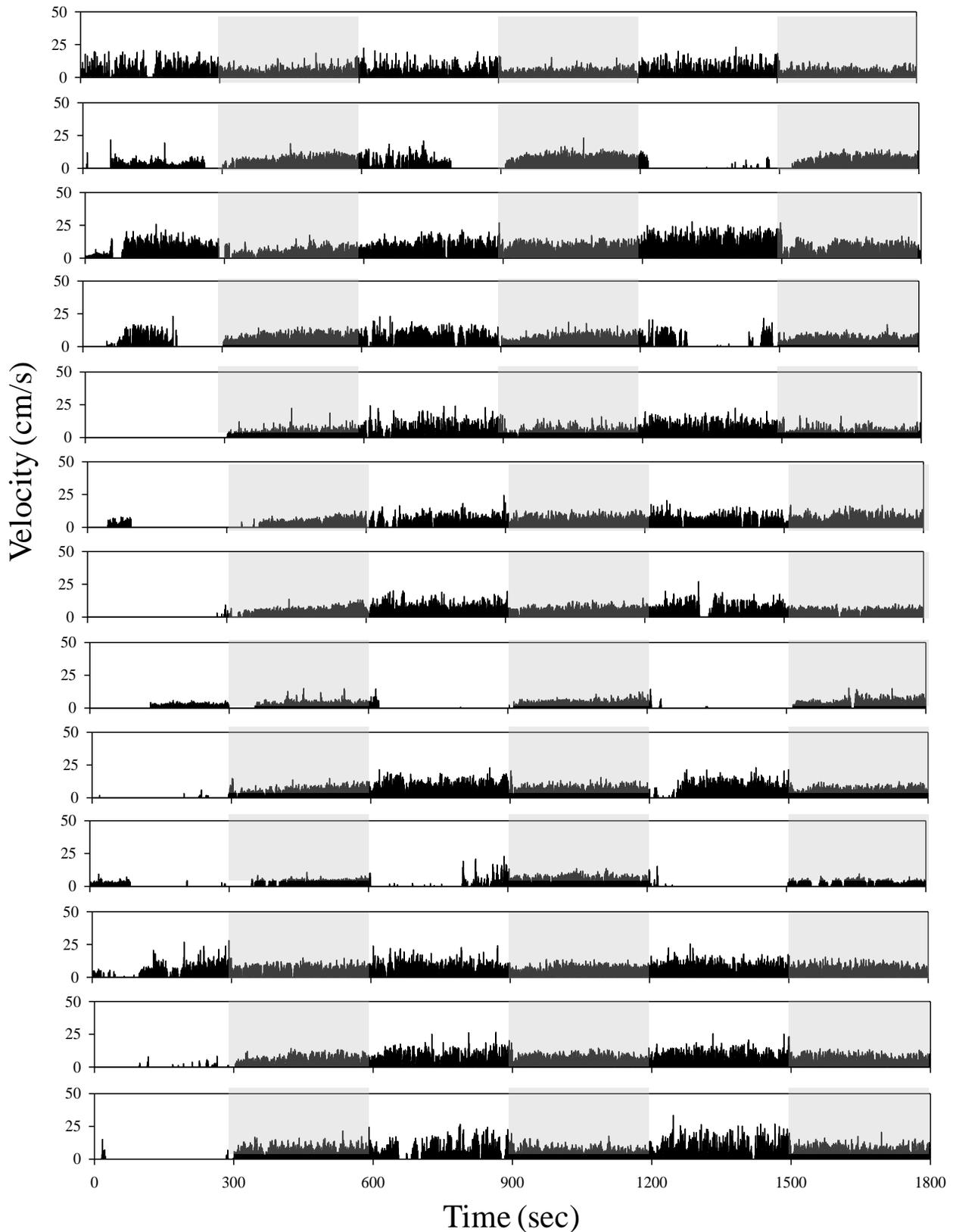


Figure S2. Mean velocities of adult male *Pimphales promelas* exposed to 3 μg sertraline/L during behavioral assays. Calculations determined using NOLDUS software. Each graph shows swim patterns for one fish. White= Periods of Light / Gray = Periods of Dark.

10 μg sertraline/L

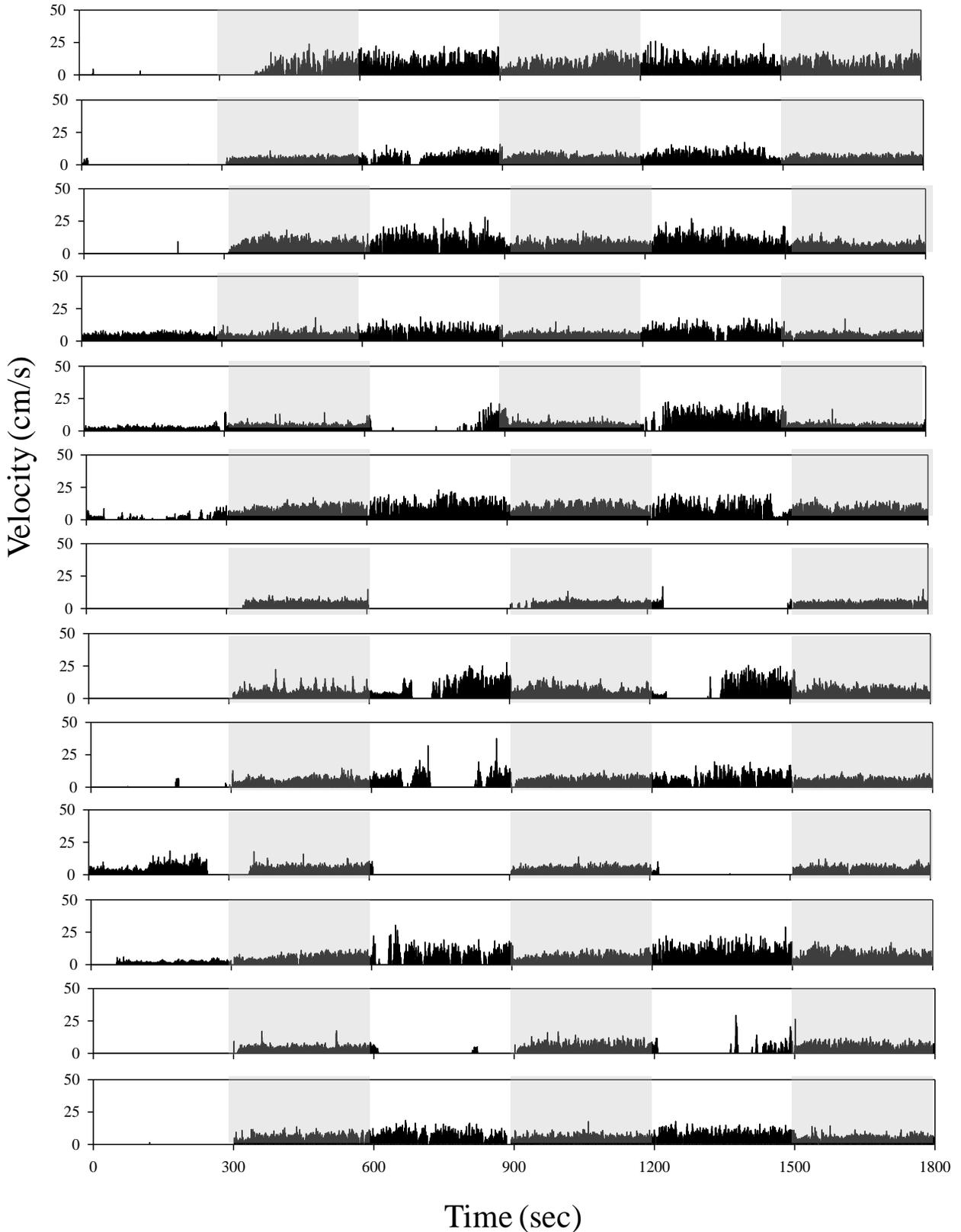


Figure S3. Mean velocities of adult male *Pimphales promelas* exposed to 10 μg sertraline/L during behavioral assays. Calculations determined using NOLDUS software. Each graph shows swim patterns for one fish. White= Periods of Light / Gray = Periods of Dark.

30 μg sertraline/L

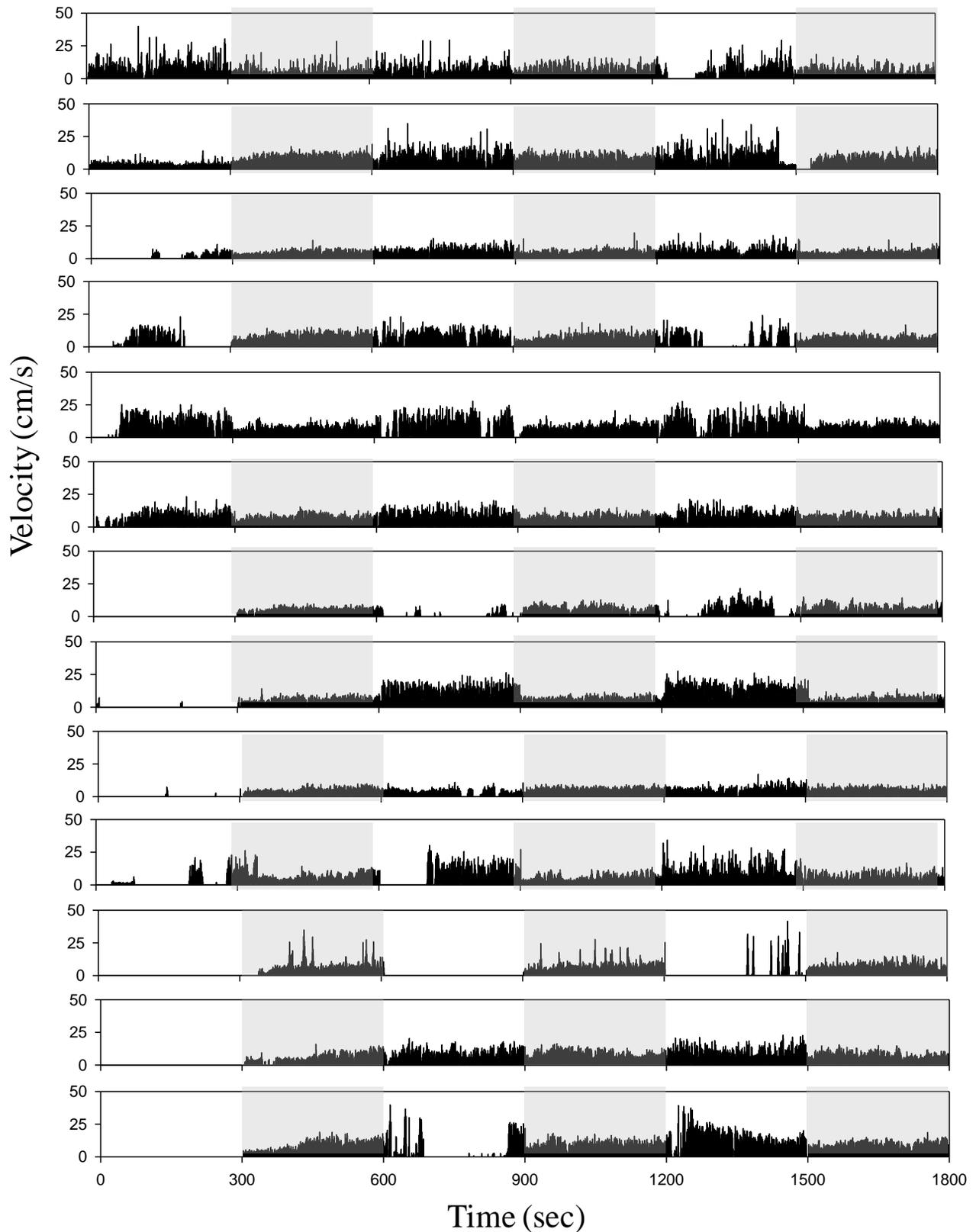


Figure S4. Mean velocities of adult male *Pimphales promelas* exposed to 30 μg sertraline/L during behavioral assays. Calculations determined using NOLDUS software. Each graph shows swim patterns for one fish. White= Periods of Light / Gray = Periods of Dark.