**Figure S1.** **Dose-response curve of methylphenidate and atomoxetine.**

Time spent in top area and bottom area (y-axis) of the tank by fish treated with different doses of methylphenidate (MPH) or atomoxetine (ATX) (x-axis) are shown. The test was performed for the duration of 10 minutes (n=10 for each drug, n=12 for control). The dots represent the mean and the error bars stand for standard errors. **(a-b)**: The result of the novel tank test of MPH-treated fish for 4 hours. **a**: Time spent in top area (s). **b**: Time spent in bottom area (s). **(c-d)**: The result of the novel tank test of ATX-treated fish for 4 hours. **c**: Time spent in top area (s). **d**: Time spent in bottom area (s).

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