

Supporting Information

Movie. S1.

The behavior of CPBS-injected crayfish at 3h. A video records the individual behavior of crayfish at 3 h after CPBS injection. 20 crayfish were used in these experiments.

Movie. S2.

The effect of 75 µg cystamine/g injection on crayfish behavior at 3h. A video records the behavior of crayfish at 3 h after 75 µg cystamine/g injection. 20 crayfish were used in these experiments.

Movie. S3.

The effect of 150 µg cystamine/g injection on crayfish behavior at 3h. A video records the individual behavior of crayfish at 3 h after 150 µg cystamine/g injection. 20 crayfish were used in these experiments.

Movie. S4.

The behavior of CPBS-injected crayfish at 24h. A video records the individual behavior of crayfish at 24h after CPBS injection. 20 crayfish were used in these experiments.

Movie. S5.

The effect of 75 µg cystamine/g injection on crayfish behavior at 24h. A video records the individual behavior of crayfish at 24h after 75 µg cystamine/g injection. 20 crayfish were used in these experiments.

Movie. S6.

The effect of 150 µg cystamine/g injection on crayfish behavior at 24h. A video records the individual behavior of crayfish at 24h after 150 µg cystamine/g injection. 20 crayfish were used in these experiments.