

Supplementary information

Distribution of molecules related to neurotransmission in the nervous system of the mussel *Crenomytilus grayanus*

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Supplementary Figure 1. Whole structure of the main ganglia of the mussel *Crenomytilus grayanus*. **(a)** cerebropleural ganglion; **(b)** pedal ganglion; **(c)** visceral ganglion stained for 5-HT with DAPI. CPG, cerebropleural ganglion; PG, pedal ganglion; VG, visceral ganglion; CPPC, cerebral-pleural-pedal connectives; CPVC, cerebral-pleural-visceral connectives. Bar, 1mm.

Other Supplementary Information for this manuscript includes the following:

Supplementary Movie 1

Whole-mount immunostaining of the cerebropleural ganglion with antibody against 5-HT.

Supplementary Movie 2

Whole-mount immunostaining of the cerebropleural ganglion with antibody against FMRFamide.

Supplementary Movie 3

Whole-mount immunostaining of the pedal ganglion with antibody against 5-HT.

Supplementary Movie 4

Whole-mount immunostaining of the pedal ganglion with antibody against FMRFamide.

Supplementary Movie 5

Whole-mount immunostaining of the visceral ganglion with antibody against FMRFamide.