Supplemental data 3. The amino acid sequence alignment constructed with Clustal W for the precursor proteins of OT/VP family. The precursor of the tunicate tetradecapeptide, SOP, is aligned with the precursors of vertebrate and invertebrate OT/VP family. The entries of known OT/VP precursor proteins are listed in Supplemental data 2. The 14 conserved Cys (C) residues in the neurophysin domain are highlighted in black and other identical amino acid residues among all precursors are highlighted in gray. Gaps marked by hyphens were inserted to optimize homology.