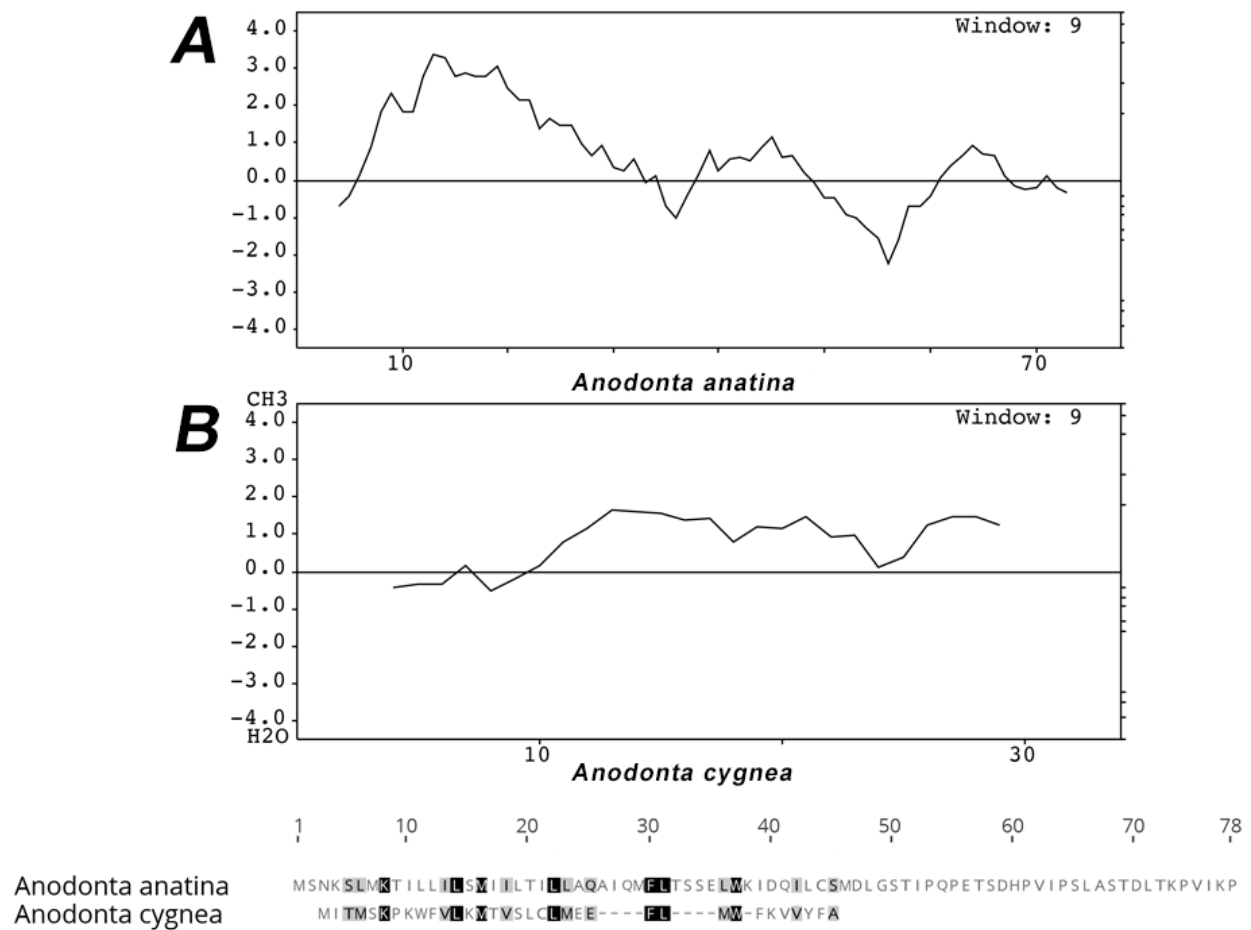




**Additional File 5.** Comparative analysis of an F- and H-ORF of closely related species. (A) Kyte-Doolittle hydrophobicity plots of the *Anodonta anatina* F-ORF (GenBank Accession YP008802631) and *Anodonta cygnea* H-ORF (this study). (B) Amino acid alignment of the same *A. anatina* F-ORF and *A. cygnea* H-ORF, where black represents the same amino acid, grey is similar and white is different.