

Supplementary Table S3: Details of the online availability of the 4 other mollusk genomes used for ortholog assignment and protein domain expansion analysis

Species	Protein Number	Genome size	Sequencing strategies	Online address
<i>Lottia gigantean</i>	23340	359,5 Mb	Sanger	NCBI (BioProject PRJNA175706)
<i>Crassostrea gigas</i>	26089	545 Mb	Illumina and fosmids	www.esembl.org
<i>Pinctada fucata</i>	31477	11150 Mb	454 and Illumina	www.marinegenomics.oist.jp/pearl/ (version 2.0)
<i>Mytilus galloprovincialis</i>	10891	16000 Mb	Illumina	Required to the corresponding author of the paper Murgarella et al., (2016).