

Supplementary table

Table S1. Information on *in silico* primer conservation of the Vene01 primers for the three studied species, as well as *P. rhomboides* and *V. corrugata*.

Species		Sequence*	Number of mismatches	Number of <i>in silico</i> amplicons
<i>P. aureus</i>	Forward primer match(es)	CGCTGTTATCCCTGCGGTA	0	10
	Reverse primer match(es)	T ^A AATAAAAGACGAGAAGACCC	1	10
<i>Polititapes rhomboides</i>	Forward primer match(es)	CGCTGTTATCCCTGCGGTA	0	9
	Reverse primer match(es)	^{AA} AATAAAAGACGAGAAGACCC	2	9
<i>Ruditapes decussatus</i>	Forward primer match(es)	CGCTGTTATCCCTACGGTA	0	28
	Reverse primer match(es)	^{AA} GTAAAAGACGAGAAGACCC	2	2
		^{AG} ATAAAAGACGAGAAGACCC	2	26
<i>Ruditapes philippinarum</i>	Forward primer match(es)	^{GG} CTGTTATCCCTGCGGTA	1	1
		CGCTGTTATCCCCGCGGTA	0	1
		CGCTGTTATCCCTGCGGTA	0	116
	Reverse primer match(es)	T ^A TTAAAAGACGAGAAGACCC	1	118
<i>Venerupis corrugata</i>	Forward primer match(es)	CGCTGTTATCCCTGCGGTA	0	1
	Reverse primer match(es)	^{GA} AATAAAAGACGAGAAGACCC	2	1

*Mismatches are indicated in red.