

***In situ* molecular hybridization on whole larvae: a novel method for monitoring bivalve larvae**

Marie C. Le Goff-Vitry^{1,3,*}, Ariel D. Chipman², Thierry Comtet¹

¹UMR 7144 CNRS UPMC, Station Biologique, BP74, 29682 Roscoff cedex, France

²University Museum of Zoology, Downing Street, Cambridge CB2 3EJ, UK

³Present address: Cardiff School of Biosciences, Cardiff University, Cardiff CF10 3US, UK

*Email: legoffvitrymc@cardiff.ac.uk

Marine Ecology Progress Series 343:161–172 (2007)

Appendix 1. Systematic list of the bivalve species used for the design of specific probes, including their GenBank accession numbers. Accession numbers in bold refer to the species newly sequenced for a partial region of the 18S rRNA gene. Classification was checked through CLEMAM (Check List of European Marine Mollusca, www.somali.asso.fr/clemam/index.clemam.html) and the NCBI Taxonomy Browser

	Accession Number		Accession Number
Class Bivalvia		Family Malleidae	
Subclass Protobranchia		<i>Vulsella</i> sp.	AJ389642
Order Nuculoida		<i>Malvifundus regulatus</i>	AJ389640
Family Nuculanidae		Family Pteriidae	
<i>Nuculana pella</i>	AJ389665	<i>Pteria macroptera</i>	AJ389637
Family Nuculidae		<i>Pinctada fucata</i>	AY028625
<i>Nucula nucleus</i>	EF105216 to EF105223	<i>Pinctada margaritifera</i>	AJ389638
Family Yoldiidae		<i>Electroma alacorvi</i>	AJ389641
<i>Yoldiella nana</i>	AJ389659	Family Pulvinitidae	
Subclass Pteriomorpha		<i>Pulvinites exempla</i>	AJ414640
Order Mytiloida		Family Limidae	
Family Mytilidae		<i>Lima lima</i>	AJ389652
<i>Geukensia demissa</i>	L33450	Family Pectinidae	
<i>Mytilus californianus</i>	L33449	<i>Flexopecten glaber</i>	AJ389662
<i>Mytilus</i> sp.	EF105204 to EF105212	<i>Argopecten irradians</i>	L11265
	L33448	<i>Aequipecten opercularis</i>	AJ310482, EF105266 ,
<i>Mytilus trossulus</i>	L33454		EF105267
<i>Mytilus galloprovincialis</i>	L33451	<i>Pecten maximus</i>	EF105234 to EF105241 ,
<i>Mytilus</i> sp.	EF105213 to EF105215		EF105286 to EF105287
<i>Gregariella coarctata</i>	AJ414641	<i>Excellichlamys spectabilis</i>	AJ389648
<i>Septifer bilocularis</i>	AJ389645	<i>Mimachlamys varia</i>	L49051
<i>Modiolus auriculatus</i>	AJ389644	<i>Chlamys hastata</i>	L49049
<i>Modiolus modiolus</i>	AF124210	<i>Chlamys varia</i>	EF105268, EF105269
<i>Brachidontes variabilis</i>	AJ389643	<i>Pedum spondyloideum</i>	AJ389649
Family Pinnidae		<i>Crassadoma gigantea</i>	L49050
<i>Pinna muricata</i>	AJ389636	<i>Adamussium colbecki</i>	AJ242534
Order Arcoida		Family Spondylidae	
Family Arcidae		<i>Spondylus hystrix</i>	AJ389647
<i>Acar plicata</i>	AJ389630	<i>Spondylus crassisquamatus</i>	AJ389646
Family Glycymerididae		Family Anomiidae	
<i>Glycymeris pectunculus</i>	AJ389631	<i>Anomia ephippium</i>	AJ389661
<i>Glycymeris glycymeris</i>	EF105186 to EF105195	<i>Pododesmus caelata</i>	AJ389650
Family Limopsidae		<i>Ctenoides annulata</i>	AJ389653
<i>Limopsis marionensis</i>	AJ422058	Order Ostreoida	
<i>Limopsis nderbyensis</i>	AJ422057	Family Gryphaeidae	
Order Pterioidea		<i>Hyotissa numisma</i>	AJ389633
Family Isognomonidae		<i>Hyotissa hyotis</i>	AJ389632
<i>Isognomon legumen</i>	AJ389639	Family Ostreidae	
		<i>Crassostrea gigas</i>	EF105271 to EF105279

Appendix 1 (continued)

	Accession Number
<i>Ostrea edulis</i>	L49052, EF105224 to EF105233
<i>Saccostrea cucullata</i>	AJ389634
<i>Lopha cristagalli</i>	AJ389635
Family Plicatulidae	
<i>Plicatula plicata</i>	AJ389651
Subclass Anomalodesmata	
Order Pholadomyoidea	
Family Pandoridae	
<i>Pandora albida</i>	EF105283 to EF105285
Family Cuspidariidae	
<i>Tropidomya abbreviata</i>	AJ389657
Subclass Heterodonta	
Order Veneroidea	
Family Cardiidae	
<i>Fulvia mutica</i>	D88911
<i>Cerastoderma edule</i>	AY570555, EF105167 to EF105176
<i>Vasticardium flavum</i>	D88910
<i>Laevicardium crassum</i>	EF105280
Family Lucinidae	
<i>Ctena divergens</i>	AJ389656
<i>Cardiolucina semperiana</i>	AJ389655
Family Ungulinidae	
<i>Diplodonta subrotundata</i>	AJ389654
Family Pharidae	
<i>Ensis ensis</i>	AF120555
Family Semelidae	
<i>Abra alba</i>	EF105265
Family Tellinidae	
<i>Macoma balthica</i>	AY570554, EF105196 to EF105203 , EF105281
<i>Tellina tenuis</i>	EF105254
Family Donacidae	
<i>Donax trunculus</i>	AJ309018

	Accession Number
Family Tridacnidae	
<i>Tridacna crocea</i>	D88908
<i>Tridacna maxima</i>	D84659
<i>Tridacna derasa</i>	D84658
<i>Tridacna gigas</i>	D84189
Family Mactridae	
<i>Mactra corallina</i>	EF105282
<i>Spisula subtruncata</i>	L11271
<i>Spisula solidissima</i>	L11270
<i>Spisula solida</i>	L11266
<i>Spisula ovalis</i>	EF105252
<i>Tresus capax</i>	L11267
<i>Mulinia lateralis</i>	L11268
<i>Mactromeris polynyma</i>	L11230
Family Arctiidae	
<i>Arctica islandica</i>	U93555
Family Veneridae	
<i>Callista chione</i>	AJ007613
<i>Tapes rhomboides</i>	EF105253
<i>Timoclea ovata</i>	EF105255 to EF105257 , EF105288
<i>Venerupis pullastra</i>	EF105166 , EF105260 to EF105263
<i>Ruditapes decussatus</i>	EF105242 to EF105251
<i>Venus verrucosa</i>	AJ007614
<i>Venus casina</i>	EF105264
<i>Venus fasciata</i>	EF105258 , EF105259
Order Myoidea	
Family Corbulidae	
<i>Corbula gibba</i>	EF105177 to EF105185 , EF105270
Family Myidae	
<i>Mya truncata</i>	AY570556
<i>Mya arenaria</i>	AF120560
Family Pholadidae	
<i>Pholas dactylus</i>	AJ309017