

Table S2: The gene names and accession numbers used for phylogenetic analysis

Accession no.	Gene name	Organism	Size (aa)	PGRP domain	Taxonomy
BC096156	<i>hsPGL YRP1</i>	<i>Homo sapiens</i>	196	31-174	Mammalia
BC144238	<i>hsPGL YRP2</i>	<i>Homo sapiens</i>	634	380-526	Mammalia
BC128114	<i>hsPGL YRP3</i>	<i>Homo sapiens</i>	341	179-320	Mammalia
BC107158	<i>hsPGL YRP4</i>	<i>Homo sapiens</i>	373	53-195; 211-352	Mammalia
AY740510	<i>ggPGL YRPL</i>	<i>Gallus gallus</i>	463	297-443	Aves
NM_001045166	<i>drpglyrp2</i>	<i>Danio rerio</i>	458	285-431	Actinopterygii
DQ447203	<i>drpglyrp5</i>	<i>Danio rerio</i>	238	68-210	Actinopterygii
NM_001045222	<i>drpglyrp6</i>	<i>Danio rerio</i>	498	328-474	Actinopterygii
MH286797	<i>apPgrp1</i>	<i>Archivesica packardana</i>	188	10-152	Bivalvia
MH306208	<i>apPgrp2</i>	<i>Archivesica packardana</i>	224	28-170	Bivalvia
LOC110465133	<i>myPgrp1</i>	<i>Mizuhopecten yessoensis</i>	282	106-249	Bivalvia
LOC110461350	<i>myPgrp2</i>	<i>Mizuhopecten yessoensis</i>	292	81-225	Bivalvia
LOC110445442	<i>myPgrp3</i>	<i>Mizuhopecten yessoensis</i>	244	70-212	Bivalvia
LOC110464979	<i>myPgrp4</i>	<i>Mizuhopecten yessoensis</i>	256	84-226	Bivalvia
LOC110464974	<i>myPgrp5</i>	<i>Mizuhopecten yessoensis</i>	281	111-253	Bivalvia
LOC110451722	<i>myPgrp6</i>	<i>Mizuhopecten yessoensis</i>	176	6-150	Bivalvia
LOC110451723	<i>myPgrp7</i>	<i>Mizuhopecten yessoensis</i>	174	6-148	Bivalvia
MZ781320	<i>tgPgrp1</i>	<i>Tegillarca granosa</i>	278	118-259	Bivalvia
MZ781319	<i>tgPgrp2</i>	<i>Tegillarca granosa</i>	200	30-172	Bivalvia
MZ781321	<i>tgPgrp3</i>	<i>Tegillarca granosa</i>	279	112-254	Bivalvia
MZ781322	<i>tgPgrp4</i>	<i>Tegillarca granosa</i>	271	105-249	Bivalvia
MZ781323	<i>tgPgrp5</i>	<i>Tegillarca granosa</i>	176	5-147	Bivalvia
MZ781324	<i>tgPgrp6</i>	<i>Tegillarca granosa</i>	211	29-171	Bivalvia
MZ781318	<i>tgPgrp7</i>	<i>Tegillarca granosa</i>	282	113-255	Bivalvia
KF554145	<i>hdPgrp</i>	<i>Haliotis discus discus</i>	177	6-148	Gastropoda
XM_014923127	<i>obPgrp1-like</i>	<i>Octopus bimaculoides</i>	196	23-165	Cephalopoda
XM_014930850	<i>obPgrp_sc2-like</i>	<i>Octopus bimaculoides</i>	103	4-102	Cephalopoda
XM_029790178	<i>ovPgrp1-like</i>	<i>Octopus vulgaris</i>	196	23-165	Cephalopoda
XM_029796648	<i>ovPgrp_sc2-like</i>	<i>Octopus vulgaris</i>	276	110-252	Cephalopoda
AY956811	<i>esPgrp1</i>	<i>Euprymna scolopes</i>	207	34-176	Cephalopoda
AY956812	<i>esPgrp2</i>	<i>Euprymna scolopes</i>	201	28-170	Cephalopoda
AY956813	<i>esPgrp3</i>	<i>Euprymna scolopes</i>	243	43-185	Cephalopoda
AY956814	<i>esPgrp4</i>	<i>Euprymna scolopes</i>	270	101-243	Cephalopoda
KM065999	<i>esPgrp5</i>	<i>Euprymna scolopes</i>	183	20-162	Cephalopoda
MZ781965	<i>slPgrp2</i>	<i>Sepioteuthis lessoniana</i>	204	33-175	Cephalopoda
MZ781966	<i>slPgrp3</i>	<i>Sepioteuthis lessoniana</i>	234	29-171	Cephalopoda
MZ781967	<i>slPgrp4</i>	<i>Sepioteuthis lessoniana</i>	267	98-240	Cephalopoda
MZ781968	<i>slPgrp5</i>	<i>Sepioteuthis lessoniana</i>	259	98-240	Cephalopoda