

Table S1 : Set of forward and reverse primers used for the biomineralization gene expression analysis in *Pinctada margaritifera*.

Primer name	Protein name	Function	GenBank Accession Numbers	Forward primer (5'-3')	Reverse primer (5'-3')	Efficiency
PIF	Pif-177	Aragonite formation	HE610401	AGATTGAGGGCA TAGCATGG	TGAGGCCGACT TTCTTGG	2.02
MSI60	MSI60	Aragonite formation	No accession number but described by B. Marie et al.2012	TCAAGAGCAATG GTGCTAGG	GCAGAGCCCTT CAATAGACC	2.08
PERL1	Perline	Aragonite formation	DQ665305	TACCGGCTGTGTT GCTACTG	CACAGGGTGTA ATATCTGGAAC	2.04
ASP	Aspein	Calcite formation	No accession number but described by B. Marie et al.2012	TGGAGGTGGAGG TATCGTTC	ACACCTGATAC CCTGCTTGG	2.01
PRISM	Prismalin 14	Calcite formation	HE610393	CCGATACTTCCCT ATCTACAATCG	CCTCCATAACC GAAAATTGG	1.92
SHEM5	Shematin	Calcite formation	HE610376	GTCCGAAACCAA ATCGTCTG	CTGTGGTGATG GTGACTTCG	2.11
CALC1	Nacrein	Aragonite and calcite	HQ896199	CTCCATGCACAG ACATGACC	GCCAGTAATAC GGACCTTGG	1.96
SHEM9	Shematin	Calcite formation	No accession number but described by B. Marie et al.2012	TGGTGGCGTAAG TACAGGTG	GGAAACTAAGG CACGTCCAC	1.95