

<i>P. fucata</i>	CGCCTGGTTGATTAAAAACATTGCTGCAC <u>GGAT</u> GAA <u>TGTGCGGT</u> AAGTACTGCC <u>GGTGC</u>
<i>P. imbricata</i>	- - - - - <u>T</u> - - <u>TA</u> - - - - - <u>G</u> - - <u>C</u>
<i>P. radiata</i>	- - - - - <u>C</u> - - <u>TG</u> - - - - - <u>A</u> - - <u>C</u>
<i>P. margaritifera</i>	- - - - - <u>T</u> - - <u>GG</u> - - - - - <u>G</u> - - *
<i>P. maxima</i>	- - - - - <u>T</u> - - <u>AG</u> - - - - - <u>G</u> - - *

CCTTGTCAGGGTAAACGGCGGCGTAAAGTTAAAGTAGCGAAATACCTAGCCTTAAT
TCTTGTCAGGG- - - - C - C - - A - - - - - T
TCTTGTCAGGG- - - - C - T - - G - - - - - C
CTT * * * AG - - - - C - C - - G - - - - C
***CATAAGT - - - - T - C - - G - - - - C

TGGGGGCGTGCATGAATGTATCAACGTGGGAGAGACTGTCTCTTTG**CGCAGGT*TTAAA
- - - - A - - - - - T - - - C - - T - - AAG - - - - - T - - - CGCAGGC - - -
- - - G - - - - - T - - T - - GAG - - - - - T - - - CGCAGGC - - -
- - - G - - * - - C - - A - - GAA - - - - C - - TAGTTTAGC - - -
- - - G - - - - * - - T - - A - - GCG - - - - T - - - CATAAAT - - -

TTGAAACTCCAAGTGAAGTTGCTTGGGTGCCTCAAAGACGAGAAGACCCCGCAGTT
- T - - C - C - - - - - G - A - GCCG - - - - - G - - - - - GT
- T - - C - C - - - - - G - A - GCCCT - - - - - G - - - - - GT
- T - - T - T - - - - - A - A - GTAGT - - - - - T - - - T - AC
- A - - C - T - - - - - A - A - AAGG - - - - - T - - - T - - GC

TTACCTAAGTGGAAAA*GATTTTATGATGGATTGGCTGGGGCAGCAGGAGAATAGGCAA
- TACC - - - G*GAG - AAA - - - - - TGT - - - - GA - G - - - - - T - - AG-AG - - TAGACAA
- TACC - - - G*CAG - - AGA - - - - - TGT - - - - GA - G - - - - - C - - AG-AG - - TAGGCAA
- AATT - - - CTGGA - GA* - - - - - CGG - - - - AT - A - - - - A - - *T-AG - - ****AG
- TACT - - - CTGAT - AT* - - - - - TAG - - - - GT - A - - - - A - - TG - * - - AAGTTGA

AACTTCTTCTCCCCAAGTGTAATG***AGAGA**ATGACGGTTAACAGAGCTAG*CATGGTTAAC
AACTTC- - C-CTGCA*G*GTA*TGGCGAG-GAAAAT- - CGGTTAAT- - - A-*CAGG-CTA-TC
AACTTC- - T-CCCTCA*A*GTG*TGGCGAG-GA- - AT- - CGGTTAAA- - - A-*CATG-CTA-TC
AGGAGC- - *-TTTCAAACTTTA- - - AA-G* - - *G- - CACCTTGAA- - - G-TTTTTACC-AG
GCTTTT- - C-TTTTTTGT-TAGGG- - - GC-CC-TI- - * * * * * * * -A- - - G-*TTTA-ACC-AG

AAAGGGAAAGAGTTACGCCGGGGTAACAGGACGGTCTAAAATGGAGAACATATCGGTTT
AAA- - CA-G- - - - - - - T-G-CC-A-A- - G- - - AACA- - - C-G- - -
AAA- - AA-G- - - - - - - C-G-CC-A-G- - G- - - AACA- - - C-G- - -
TGT- - GG-A- - - - - - - C-G-TI-A-A- - T- - - TTGG- - - C-G- - -
TAG- - GA-T- - - - - - - C-C-TI-G-A- - G- - - TTCA- - - T-A- - -

TAGGGTGCGTTACATCGATGTTGAATCAGGGGTGCGCCTGGGTGCAGAGGCTGAGGTTAA
T-GG- - GC- - - - - - - GG- - TA-GC- - - - - - C- - - A- - - G- - G- - AA
T-GG- - GC- - - - - - - GG- - TA-GC- - - - - - C- - - G- - G- - G- - AA
T-AA- - TC- - - - - - - *A- - CG-GC- - - - - G- - G- - C- - G- - TG
C-AA- - GT- - - - - - - *A- - CG- TT- - - - - T- - G- - - C- - A- - TG

<u>AGGGTCTGTTGACCTTAAAG</u> <u>CCCTACGTGATCTGAGTTCAAACCGG</u>	524 bp NCBI GenBank: AB214448.1
<u>A</u> - - - - - <u>G</u> - - <u>C-C</u> - - - - -	526 bp NCBI GenBank: AB214441.1
<u>A</u> - - - - - <u>G</u> - - <u>C-C</u> - - - - -	524bp NCBI GenBank: AB214442.1
<u>G</u> - - - - - <u>A</u> - - <u>T-T</u> - - - - -	511 bp NCBI GenBank: AB214436.1
<u>G</u> - - - - - <u>A</u> - - <u>C-T</u> - - - - -	509 bp NCBI GenBank: AB214435.1

Figure S-2. Sequence alignments of 16S rRNA genes of *Pinctada* species. Underlined nucleotides are same with those of *P. fucata* and different with colored nucleotides of other *Pinctada* species. Middle bars indicate nucleotides identical to those of *P. fucata*, Asterisks indicate nucleotide deletion.