<Supplementary Materials>

A Multi-Elements Isotope Approach to Assess the Geographic Provenance of Manila Clams (*Ruditapes philippinarum*) via Recombining Appropriate Elements

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Supplementary Figures

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Supplementary Figures
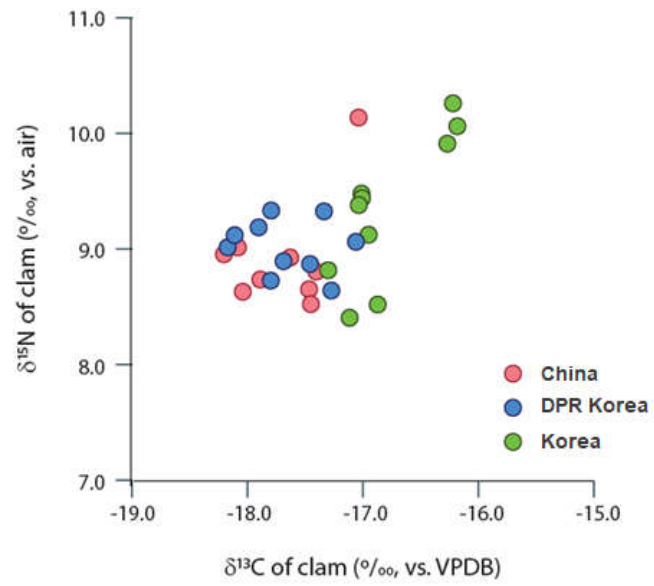

Figure S1. Scatter plots for δ^{13}C and δ^{15}N values for clam samples collected from China, DRP Korea and Korea

Figure S2. Grouping of Manila clams from three countries based on LDA analysis of $\delta^{13}C$, $\delta^{15}N$, $\delta^{18}O$, and δD. Bold italics indicate the specimens were not well identified by geographic origin

Figure S3. Grouping of Manila clams from three countries based on LDA analysis of δ^{13}C, δ^{15}N, δD, δ^{34}S. Bold italics indicate the specimens were not well identified by geographic origin

Figure S4. Grouping of Manila clams from three countries based on LDA analysis of $\delta^{13}C$, $\delta^{15}N$, $\delta^{18}O$, δD, and $\delta^{34}S$. Bold italics indicate the specimens were not well identified by geographic origin
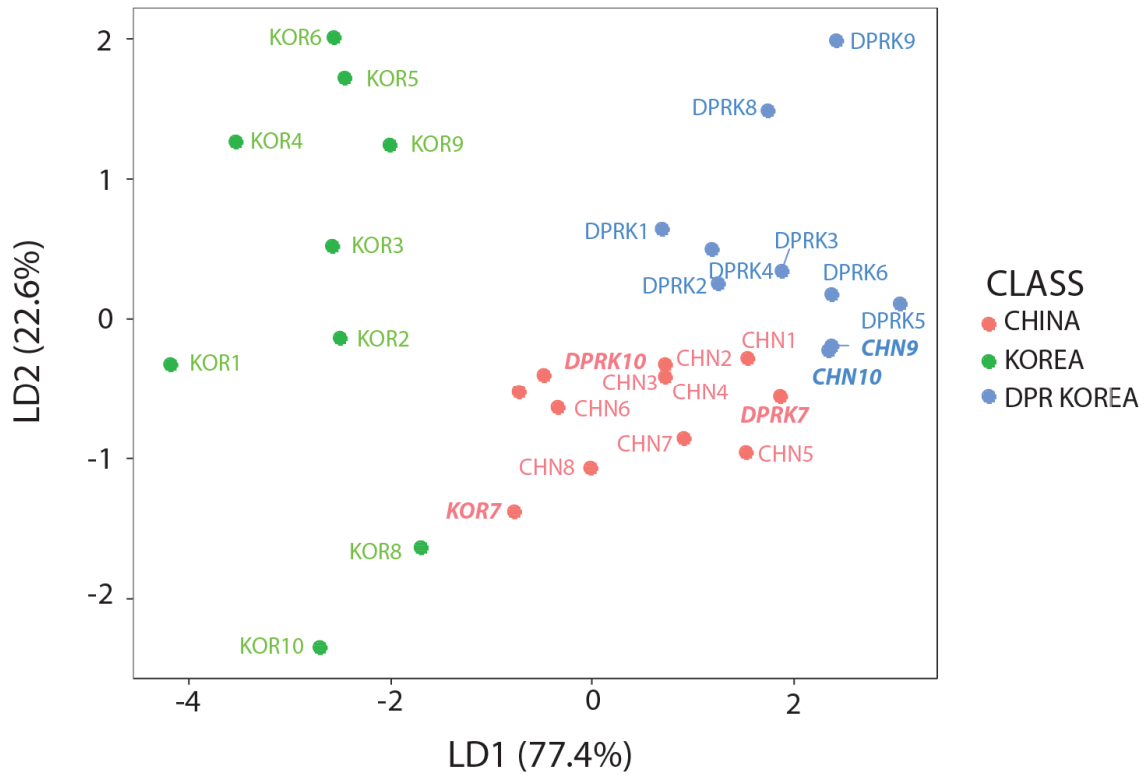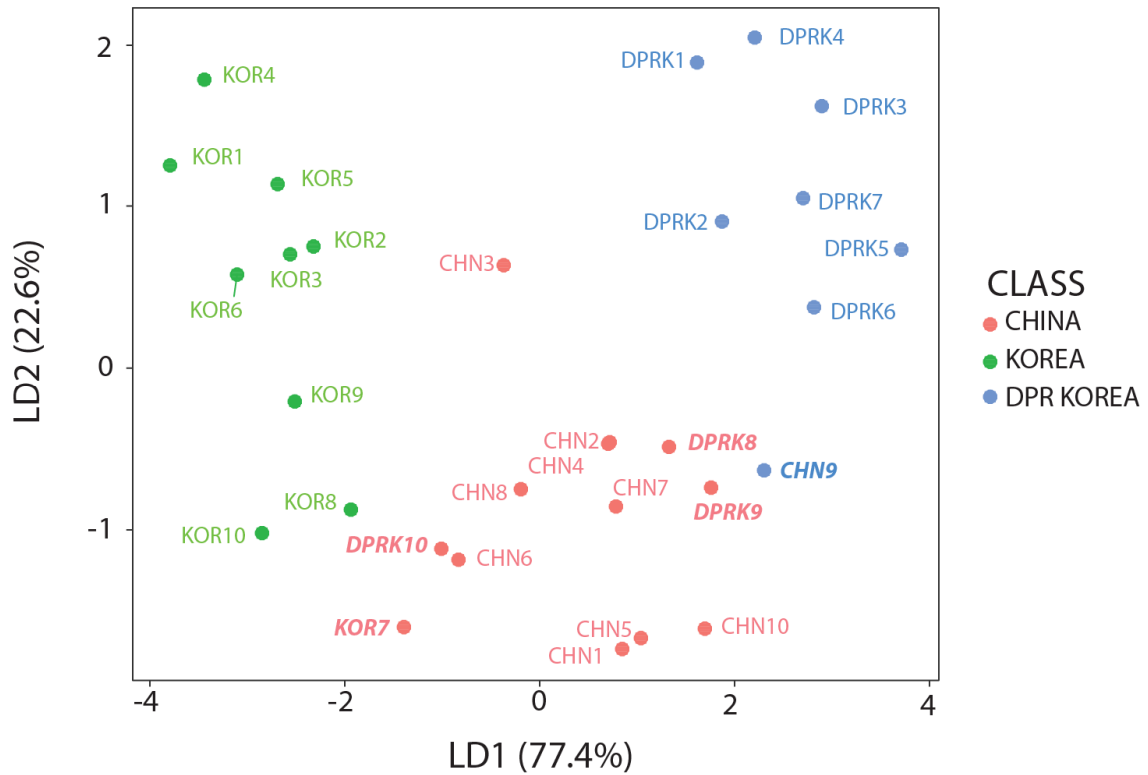
Figure S5. Grouping of Manila clams from three countries based on LDA analysis of δ^{13}C, δ^{15}N, δD, δ^{34}S, and ^{87}Sr/^{86}Sr. Bold italics indicate the specimens were not well identified by geographic origin

Figure S6. Grouping of Manila clams from three countries based on LDA analysis of δ^{13}C, δ^{15}N, δD, δ^{18}O, δ^{34}S, and ^{87}Sr/^{86}Sr. Bold italics indicate the specimens were not well identified by geographic origin
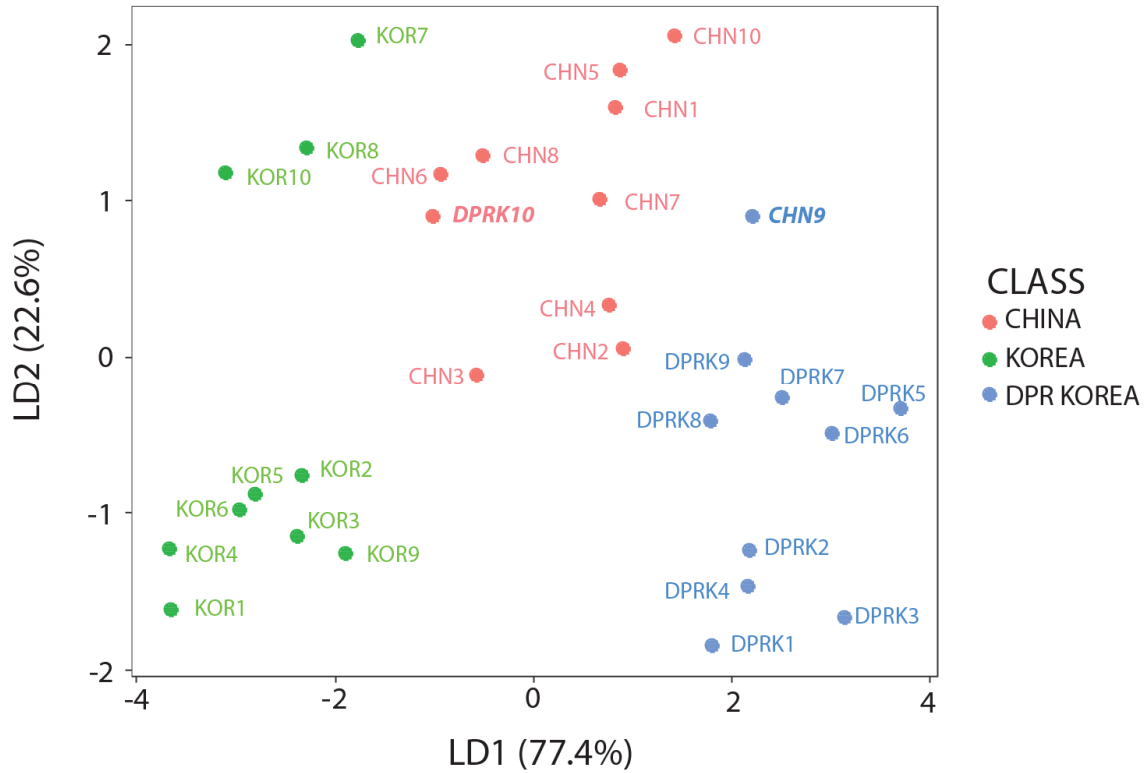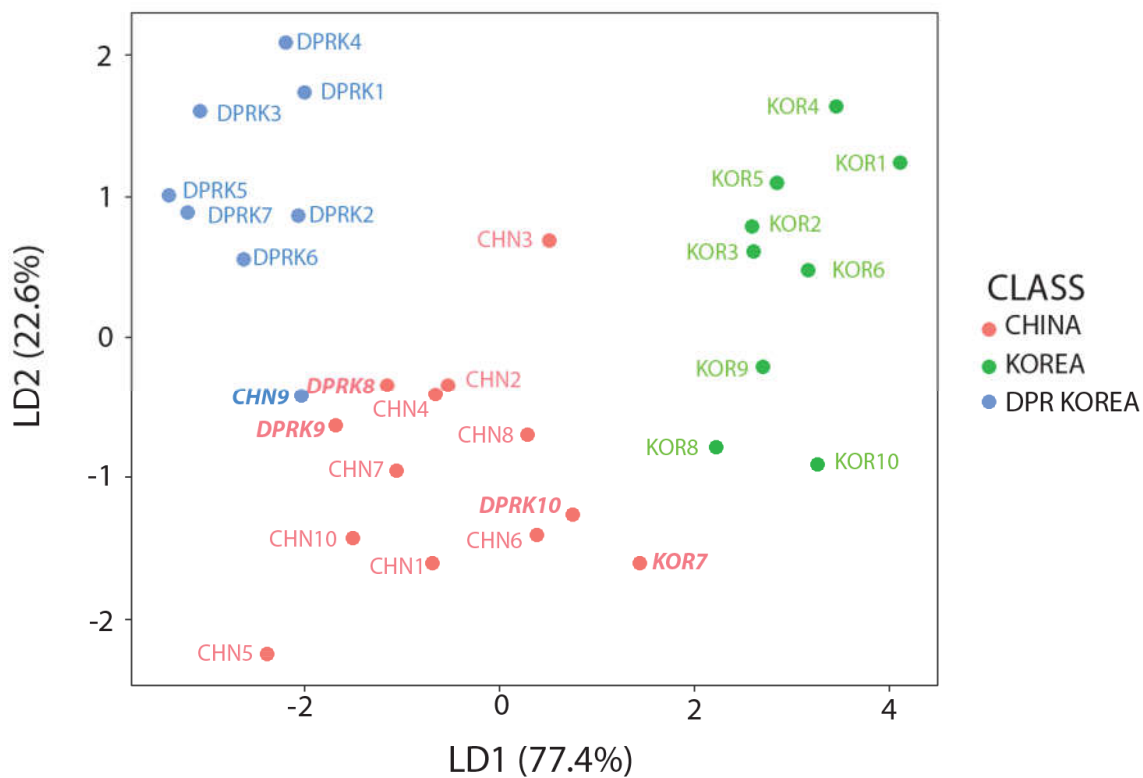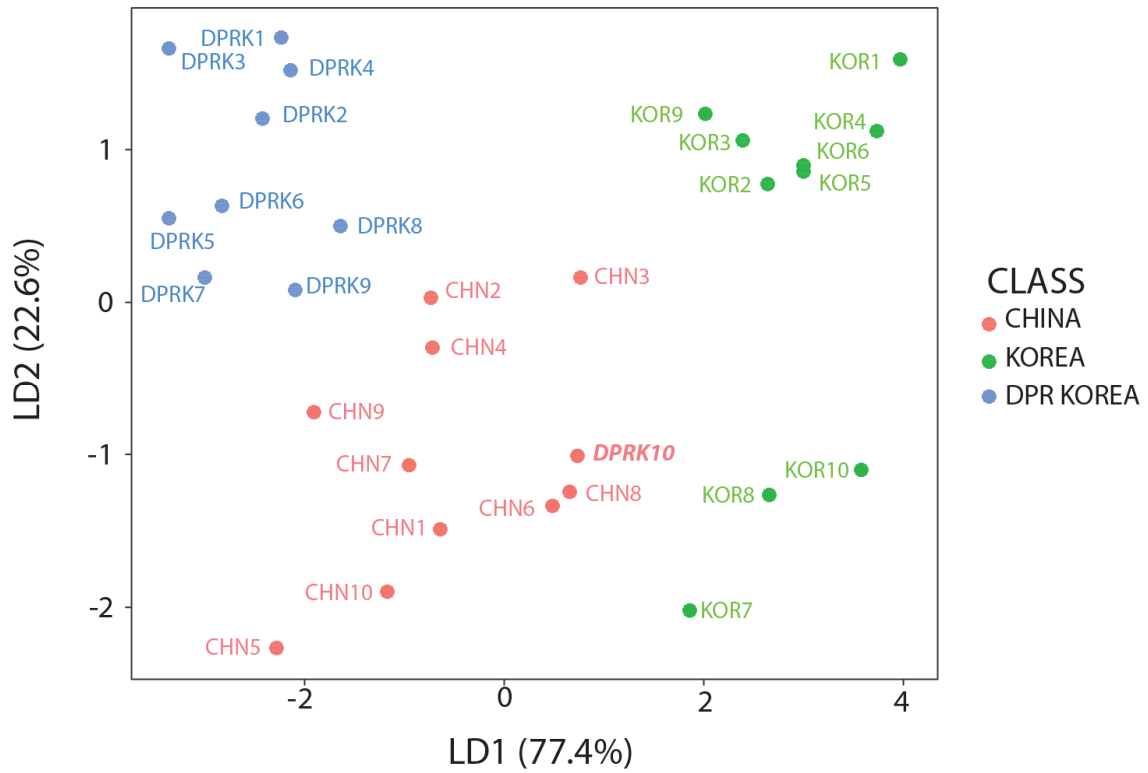
Figure S7. Grouping of Manila clams from three countries based on LDA analysis of δ^{13}C, δ^{15}N, δD, δ^{18}O, δ^{34}S, and ϵNd. Bold italics indicate the specimens were not well identified by geographic origin
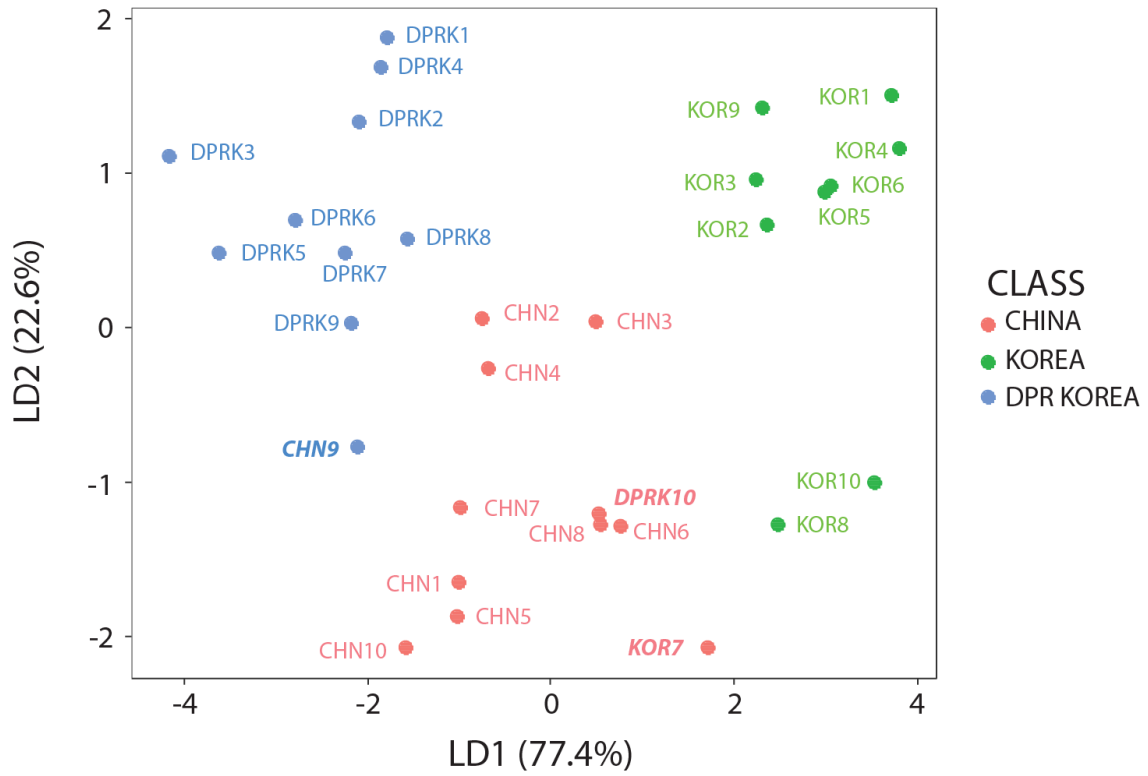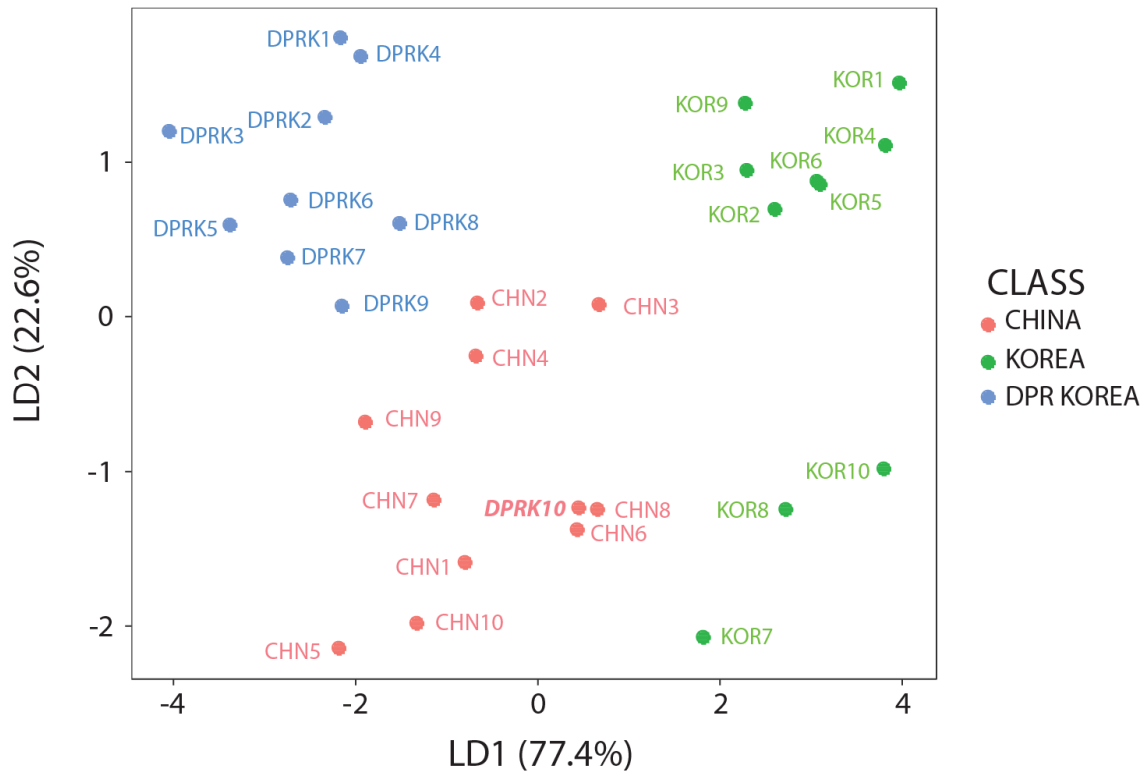
Figure S8. Grouping of Manila clams from three countries based on LDA analysis of $\delta^{13}C$, $\delta^{15}N$, δD, $\delta^{18}O$, $\delta^{34}S$, ϵNd, and $^{87}Sr/^{86}Sr$. Bold italics indicate the specimens were not well identified by geographic origin