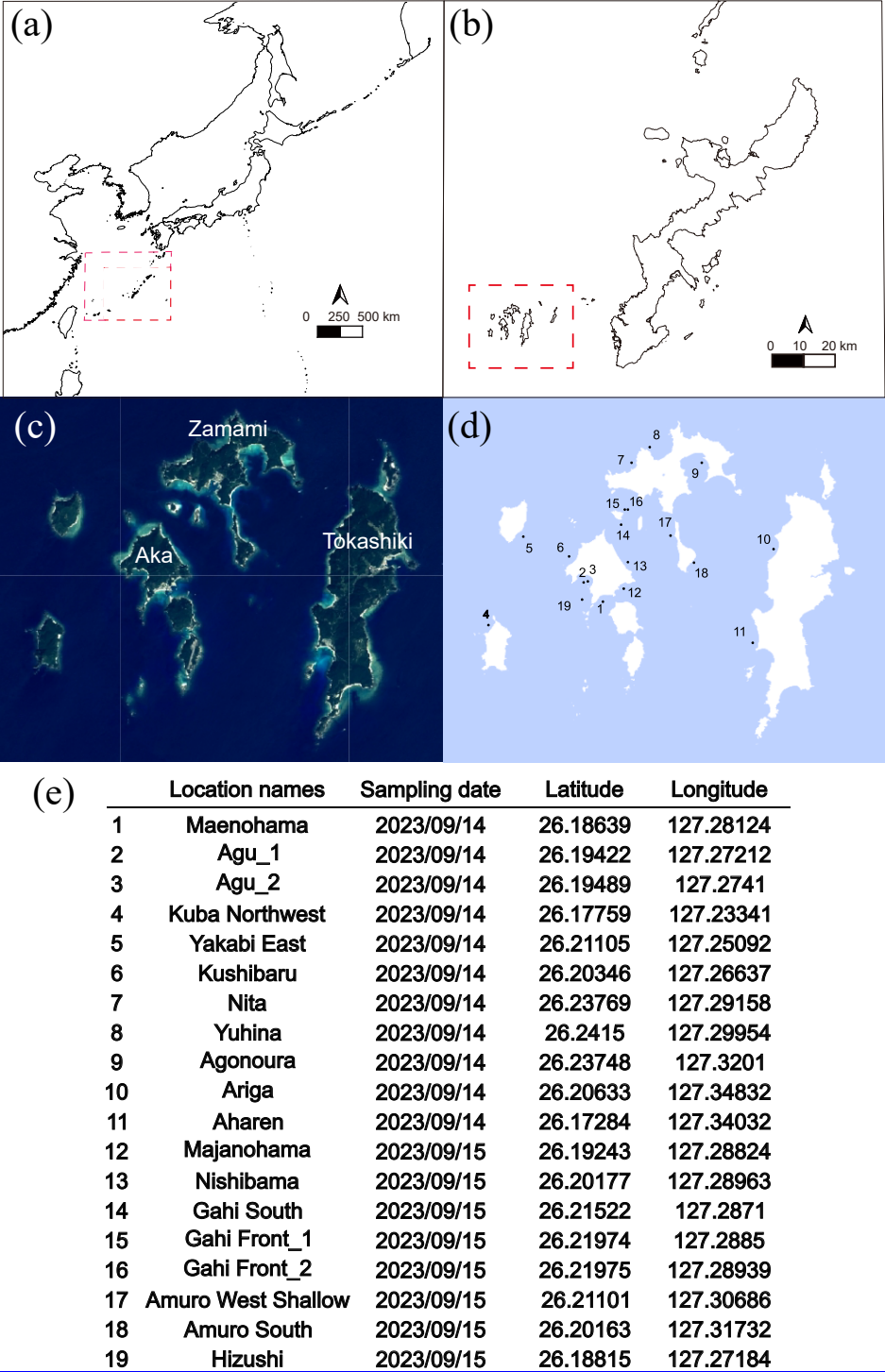


1 **Supplementary Fig. S1**
2



3
4
5 **Supplementary Fig. S1** The Kerama Islands and survey sites in this study. The Kerama
6 Islands including Zamami, Aka and Tokashiki Islands, are located 40 km west of

Okinawa Island. a The location of the Okinawa Archipelago in Japan. b The Kerama Islands are shown with a dotted square. c The Kerama Islands, shown in the satellite photo provided by Geospatial Information Authority of Japan. Pale areas surrounding the islands are coral reefs. d Nineteen monitoring sites of this study. e Names of sampling sites, sampling dates, and site locations. (cited from Fig. 1 of Noda et al., 2025).

14 Supplementary Fig. S2

Supplementary Fig. S2

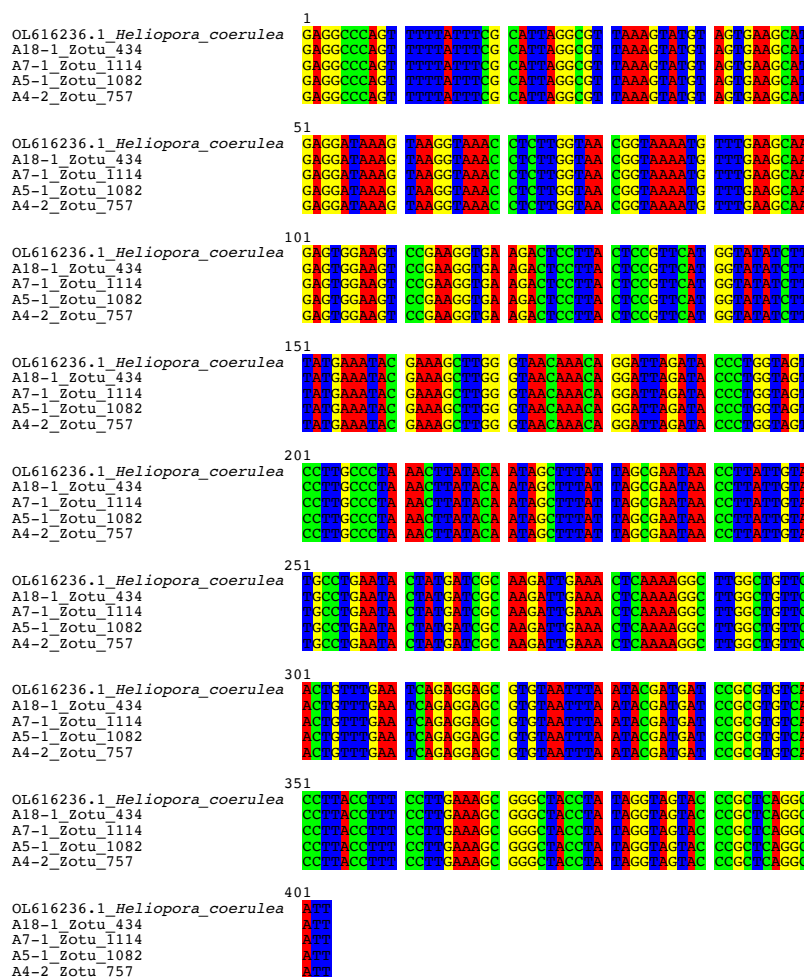
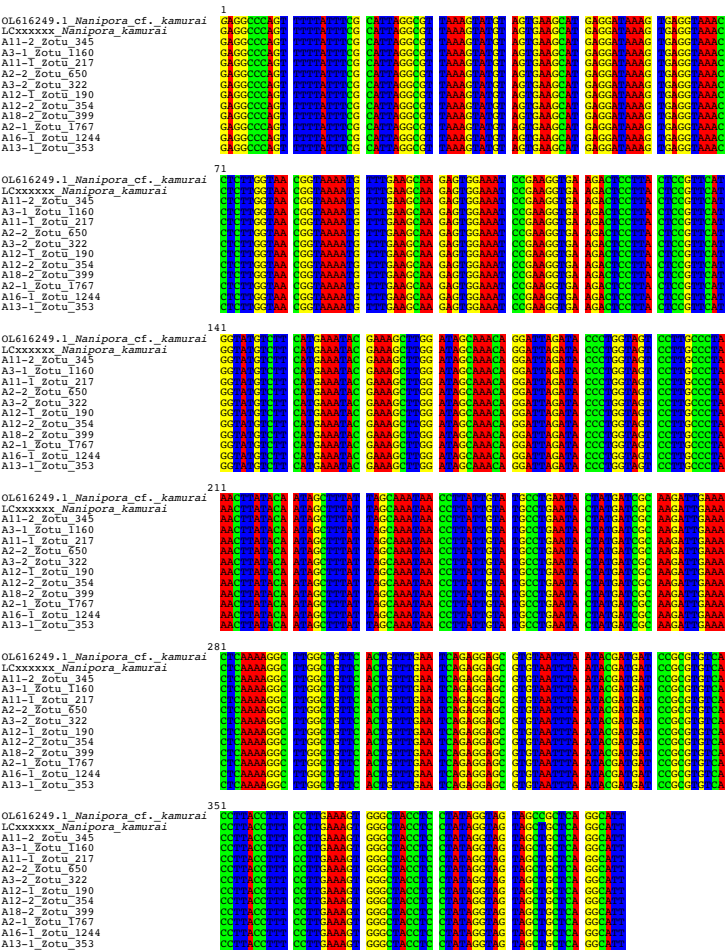


Fig. S2 Alignment of the amplicon region of mitochondrial 12S rDNA from *Heliopora coerulea* (OL616236.1) with four amplicons obtained in this study. Each amplicon is 403 nucleotides in length.

20 **Supplementary Fig. S3**

Supplementary Fig. S3



21

22 **Fig. S3** Alignment of the amplicon region of mitochondrial 12S rDNA from *Nanipora*
23 *cf. kamurai* (OL616249.1) and *N. kamurai* (LC000000) with 11 amplicons obtained in
24 this study. Each amplicon is 396 nucleotides in length.