

Supplement 2

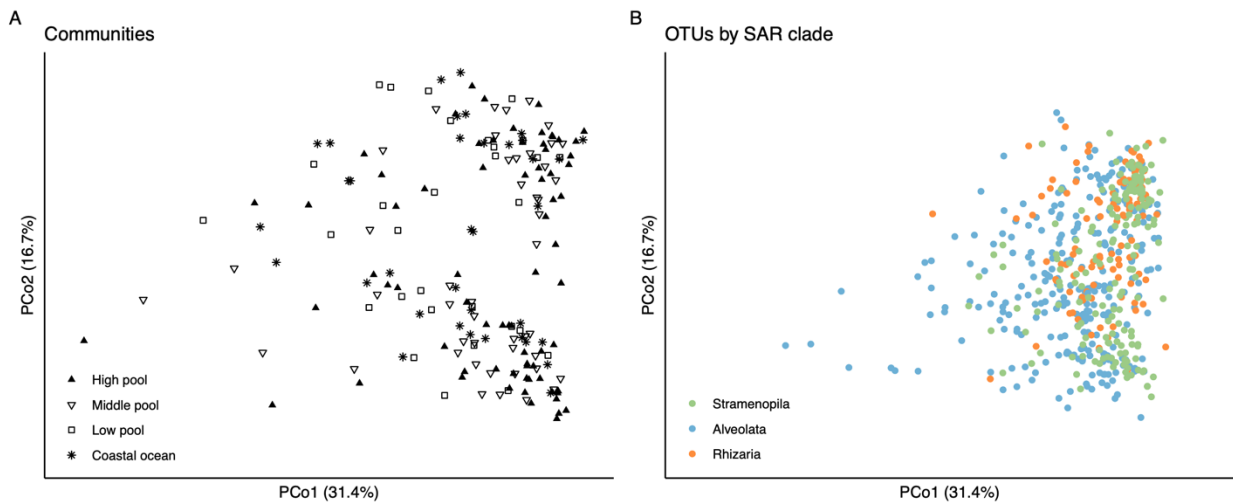


Fig. S1. Principal coordinate analysis (PCoA) of (A) 148 tide pool and 36 coastal ocean communities shows no distinct patterns among the different sampling locations in the intertidal zone. (B) The 546 operational taxonomic units (OTUs) underlying this pattern (same ordination space as panel A) show that Alveolata are driving some of the spread found among the high and middle pool samples. The data used to generate this plot were curated in the same manner outlined in section 2.4 of the methods, however, with the addition of the coastal ocean samples, there were fewer OTUs with less than 100 reads and 5 occurrences. This is reflected by the additional 27 OTUs in this singular analysis that incorporates the coastal ocean samples.

Link S1. Link to fasta file of 654 OTUs:
<https://doi.org/10.6084/m9.figshare.24199542.v1>

Link S2. Link to phylogenetic tree file:
<https://doi.org/10.6084/m9.figshare.24199590.v1>