

Supplementary Material for: **Evidence for carbonate system mediated shape shift in intertidal predatory gastropod**

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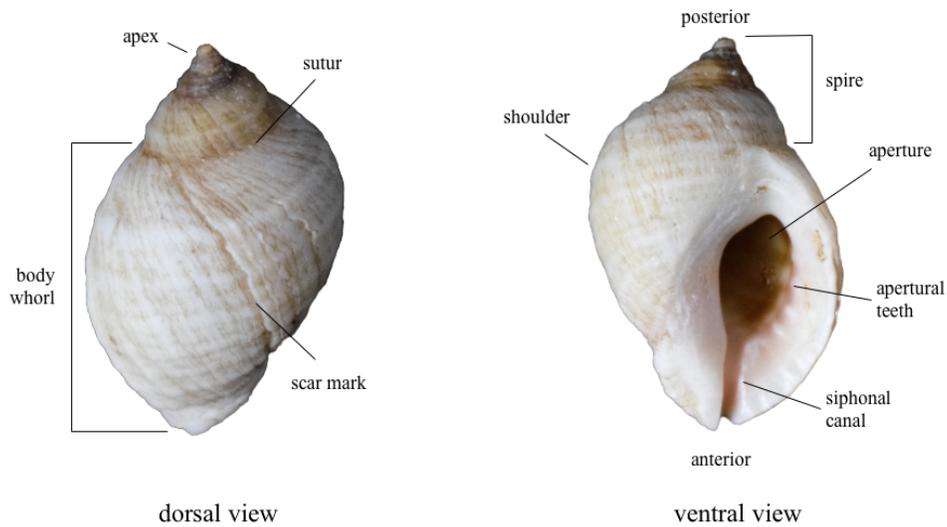
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Table S1: Key R packages used for the analyses conducted in this study.

Package	Author(s)	Comments
Momocs	Vincent Bonhomme and Sandrine Picq and Cedric Gaucherel and Julien Claude	Used for the shell outline shape extraction and PCA formulation.
mgcv	Simon Wood	Used to construct the generalised additive models.
MuMIn	Kamil Bartoń	The <i>dredge()</i> function from this package was used for the model term selection process.
Gratia	Gavin Simpson	Used for model diagnostic purposes.
tidyverse	Hadley Wickham	Multipurpose framework for a more streamlined data analysis.

I. Morphology of *Nucella lapillus*



II. Shell shape analysis pipeline

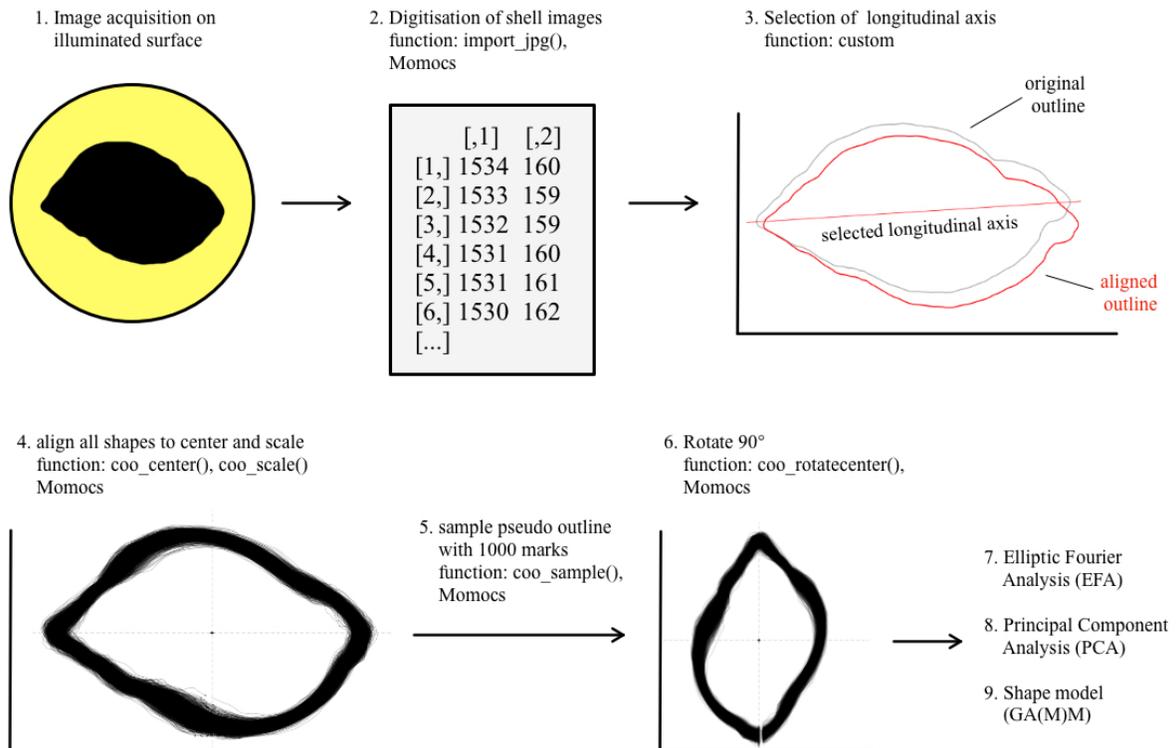


Figure S1: Morphological description of *Nucella lapillus* and schematic representation of the shell shape analysis pipeline.