**Supporting information**

**Table S1.** FA content (mg g-1) of the capsule wall of *Crepidula fornicata*. Only FA representing 1% or more of the total FA content are indicated. Results were obtained from pooled capsule walls of a single female.

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| --- | --- |
| **FA name** | **Mass (mg g-1)** |
| 12:0 | 0.010 |
| 14:0 | 0.026 |
| 16:0 | 0.126 |
| 16:1**ω**9 | 0.007 |
| 16:1**ω**7 | 0.050 |
| 17:0iso | 0.006 |
| 17:0 | 0.074 |
| 18:0 | 0.038 |
| 18:1**ω**9 | 0.029 |
| 18:1**ω**7 | 0.087 |
| 18:1**ω**5 | 0.009 |
| 18:2**ω**6 | 0.009 |
| 18:4**ω**3 | 0.009 |
| 20:1**ω**9 | 0.013 |
| 20:4**ω**6 | 0.006 |
| 20:5**ω**3 | 0.030 |
| 22:6**ω**3 | 0.014 |