**Supplementary 1 – Comparison of larval and juvenile growth of *Bursatella leachii* and *Aplysia californica* in laboratory settings.**

Veliger shell length of *A. californica* and *B. leachii* larvae grown at 25˚C and *A. californica* larvae grown at 22˚C and 25˚C in 2006. Shell length was measured weekly from day of hatching until 80% competency, error bars represent ± 1 standard deviation. Values are the number of days post-hatching until the specified developmental stage was observed.

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| --- | --- | --- | --- | --- |
|  | Age (dph) | Stage | Mean SL (μm) | SL Stdev (μm) |
| *Bursatella leachii* @25˚C | 0 | 1 | 141.1 | 6.9 |
|   | 5 | 2 | 264.6 | 13.9 |
|   | 7 | 4 | 284.2 | 19.0 |
|   | 13 | 7 | 290.1 | 12.4 |
|   | 15 | 8 | 290.1 | 8.3 |
| *Aplysia californica* @25˚C | 0 | 1 | 134.6 | 3.7 |
|   | 7 | 2 | 236.1 | 18.6 |
|   | 14 | 3 | 360.6 | 36.9 |
|   | 21 | 5 | 392.3 | 18.9 |
| *Aplysia californica* @22˚C | 0 | 1 | 134.6 | 3.7 |
|   | 7 | 2 | 227.6 | 15.0 |
|   | 14 | 3 | 337.7 | 20.8 |
|   | 21 | 5 | 392.8 | 10.0 |