**Table S3.** Shield length of juvenile or adult crabs of *Coenobita purpureus* and *C. rugosus* used in experiment 2 to evaluate low-temperature tolerance abilities under cyclic low temperature conditions that simulated the *in situ* daily temperature fluctuation

|  |  |  |  |
| --- | --- | --- | --- |
| Stage | Species | Trial no. | Shield length (mm) |
| *n* | Mean | SD |
| Adult | *C. purpureus* | 1 | 13 | 7.76  | 0.99  |
|  |  | 2 | 12 | 7.44  | 0.52  |
|  | *C. rugosus* | 1 | 12 | 6.62  | 0.55  |
|  |  | 2 | 13 | 7.55  | 1.01  |
| uvenile | *C. purpureus* |  | 25 | 1.21  | 0.10  |
| 　 | *C. rugosus* | 　 | 25 | 1.07  | 0.10  |

*n*, number of crabs used for the experiment; SD, standard deviation.