

**Fig. S2.** Hourly temperatures recorded of Envloggers (n = 3) deployed at Phra-ae during the neap tide (22nd–28th January 2022) were plotted against the predicted tide. Red lines indicate loggers’ height, which is either the most abundant level of *S. guamensis* (A, at 2.5 m above C.D.) or *P. saccharina* (B, at 1.6 m above C.D.). The yellow highlighted blocks indicate daytime periods.