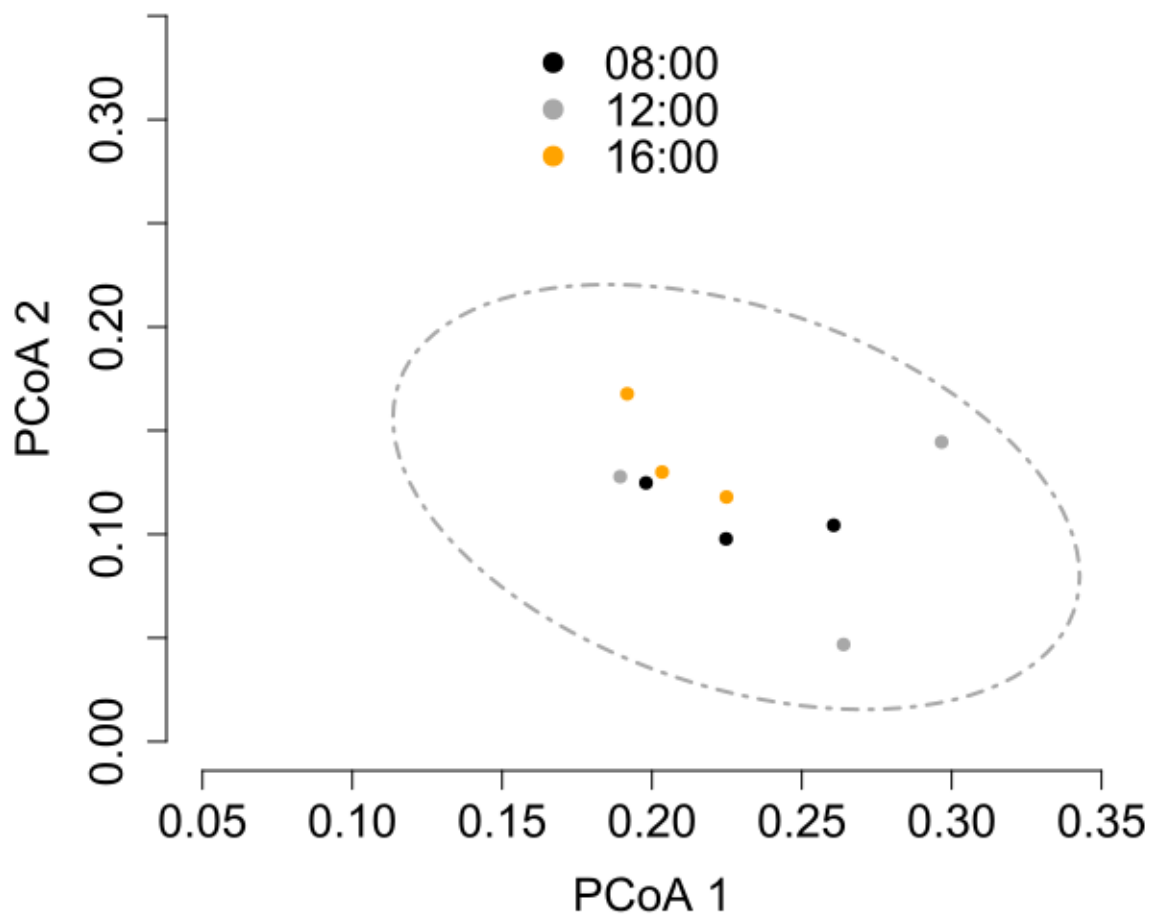


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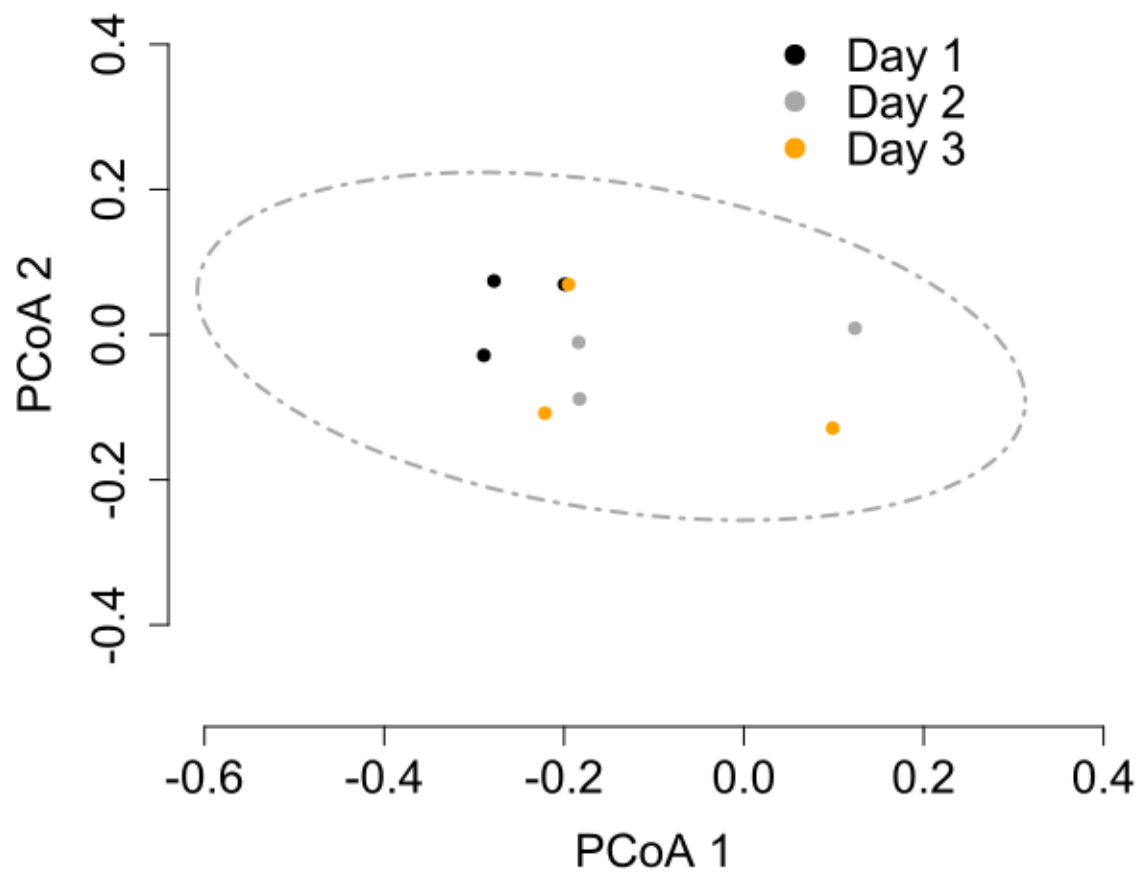
2 Figure S1. Boxplots of Cq mean values used as indication of initial DNA copy number at Ashmore Reef (charged n=33, active
 3 filtration n=9, and non-charged n=39), and , and Daw Island (charged n=38, active filtration n=9, and non-charged n=31),
 4 respectively, by treatment and b) by submersion duration and treatment (Ashmore Reef, charged: 4 hours n=6, 8 hours n=9, 12 hours
 5 n=8, 24 hours n=8, noncharged: 4 hours n=9, 8 hours n=9, 12 hours n=8, 24 hours n=7; Daw Island, charged: 4 hours n=8, 8 hours
 6 n=9, 12 hours n=9, 24 hours n=9, 34 hours=3, noncharged: 4 hours n=9, 8 hours n=9, 12 hours n=9, 24 hours n=9, 34 hours=3). An *
 7 indicates significance between treatments ($\alpha=0.05$) and for treatments at each time interval.



8

9 Figure S2. A detailed view of the Ashmore Reef principal coordinate analysis plot for active
10 filtration by time of collection on the sample day.

11



12

13 Figure S3. A detailed view of the Daw Island principal coordinate analysis plot for active
14 filtration by day of sample collection.