**The zombification and reanimation of purple urchins (*Strongylocentrotus purpuratus*) in response to food availability**

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**Supplemental Materials**

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**Figure S1**. Scatterplots with best fit line showing the relationships between individual urchin respiration (mg O2 individual-1) and urchin test diameter (mm) for each feeding treatment (fed, starved) during each of the five sample weeks. “Week 0” measurements were taken before any manipulation occurred to the “Starve” treatment’s feeding regiment. “Week 7” and “Week14” measurements occurred while the “Starve” treatment had no access to food while “Week 19” and “Week 21” measurements occurred while both “starve” and “fed” treatments were receiving equal rations of food.

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**Figure S2**. . Scatterplots with best fit line showing the relationships between urchin gonad somatic indices (GSI) and urchin test diameter (mm) for each feeding treatment (fed, starved) during each of the five sample weeks. “Week 0” measurements were taken before any manipulation occurred to the “Starve” treatment’s feeding regiment. “Week 7” and “Week14” measurements occurred while the “Starve” treatment had no access to food while “Week 19” and “Week 21” measurements occurred while both “starve” and “fed” treatments were receiving equal rations of food.