



Supplementary Figure S1: Sample collection locations of green and purple urchins. **(A)** Satellite image of the collection site (circles) provided through Google Earth Pro (v.7.3.2.5491) (Data SIO, NOAA, US Navy NGA, GEBCO, Image Landsat/Copernicus; US Dept. of State Geographer; image date: December 2015); **(B)** The purple urchins (*S. purpuratus*) collection site at the Cape Argo, Oregon (43°18'14.3"N 124°24'05.1"W); **(C)** The green urchins (*L. variegatus*) collection site at the coastal waters at the Port Saint Joseph Bay Aquatic Preserve, Florida of the U.S. Gulf of Mexico (29.80 °N 85.36 °W).