



Supplementary figure 1. Gene expression of catalase (*CAT*; A) and superoxide dismutase (*SOD*; B) in *U. compressa* exposed to control conditions and MAPK inhibitors; levels of expression were relative to *U. compressa* under control conditions. Treatments consisted in: T1) 5 μ M MAPK ERK inhibitor PD98059 in seawater (ERKi) ; T2) 5 μ M MAPK JNK inhibitor SP600125 in seawater (JNKi); T3) MAPK p38 inhibitor SB203580 in seawater (p38i). Samples were analyzed after 6 h (A), 24 h (B), 48 h (C) and 6 d (D) treatments. Treatments for *SOD* and *CAT* did not present significant differences at 95% confidence interval ($p > 0.05$). Plots are represented as mean \pm SE ($n = 3$).