



S4 Fig. Physicochemical parameter monitoring in all treatments and replicates during microcosm experiments. Salinity, temperature and pH_{NBS} were measured with a WTW multi parameters analyzer model Multi 3320 equipped with a TetraCon® 925 conductivity probe (301701) and a pH probe Sentix® (103780), calibrated with National Bureau of Standards (NBS) buffers (Hamilton calibration buffer). The total alkalinity (A_T) was determined on filtered samples with a TitroLine Alpha Plus titration system (SI Analytics). pCO₂ was calculated (CO2CALC [29]) from temperature, pH and alkalinity with dissociation constants [30] refitted by Dickson and Millero [31].