



SI Figure 1. Persistence of ANME-DSS consortia in the absence of methane. Change in consortia abundance (A), composition (B), and morphology (C) is shown. Consortia were hybridized with FISH probes EelMS_932 (targeting ANME-2) and DSS_658 (targeting *Desulfocarsina/Desulfococcus/Seep-SRB1*). A: Error bars are one standard deviation calculated from triplicate filters. B and C: Thirty aggregates from incubation CR17 were evaluated for composition and morphology at each time point.