



Fig. S1 Lithostratigraphic columns of core sediments obtained from the six sites studied. The detailed descriptions were provided by Teske et al. (2021a). The cores obtained from four sites, U1545, U1546, U1548, and U1551 were divided into four lithostratigraphic subunits based on the downhole lithologic changes and/or changes in sediment induration and physical properties. Among the four sites, only at Site U1551 sandy and silty coarse clastic particles possibly terrigenous in origin were predominated. At Sites U1549 and U1552 are not observed those changes, so those two columns were recognized only one lithostratigraphic unit. Instead, at the two sites thick terrigenous units dominated by coarse siliciclastic deposits indicated as brown horizontal lines in the columns were observed. Small arrows on the right side of each column indicate the layer for IW sampling.