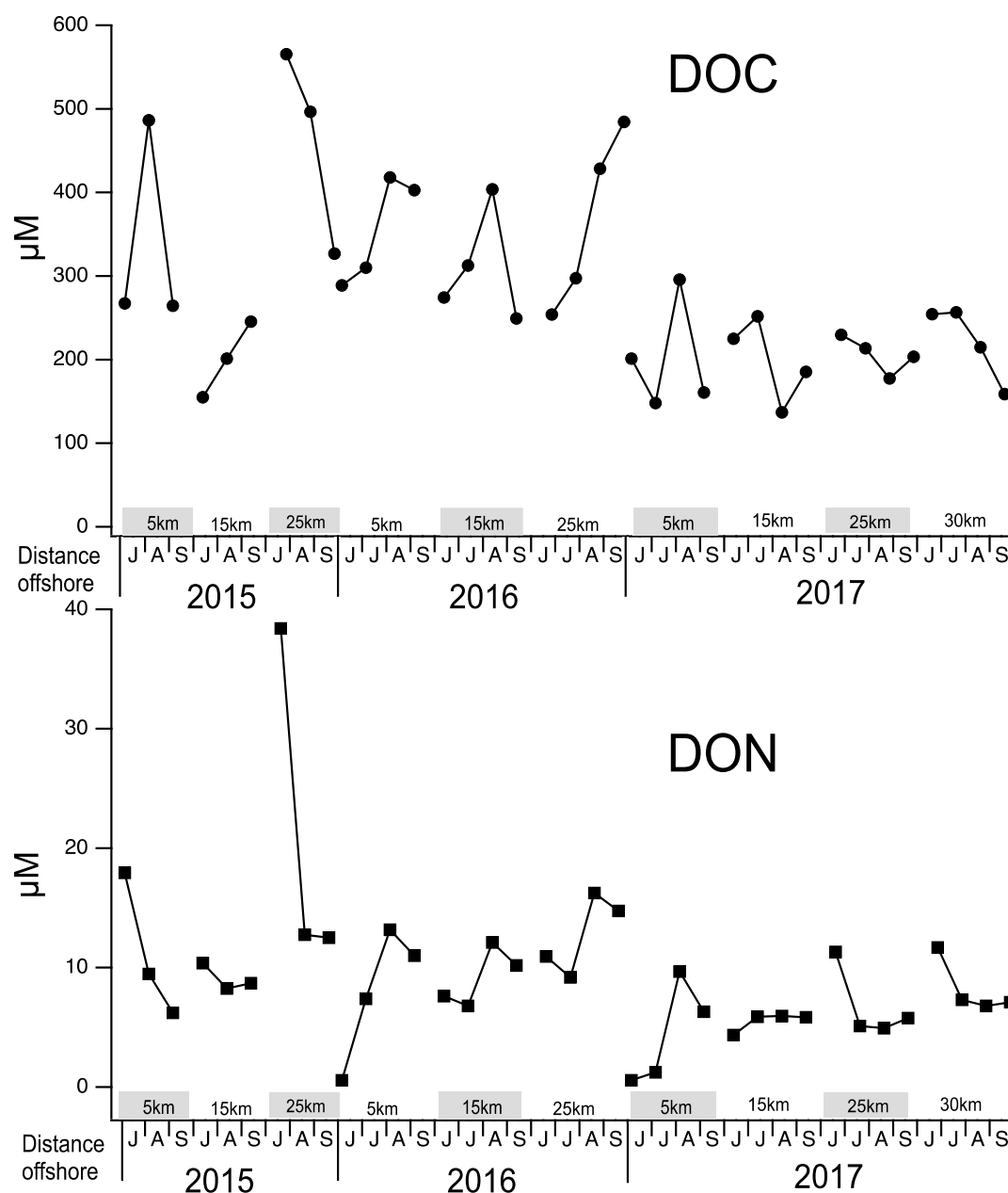




Supplementary Fig. 1 DOC and DON concentration detected at Transect Rompin, from 2015 to 2017. For Transect Rompin, the sampling period was Jul, Aug and Sep 2015 (JAS) and Jun, Jul, Aug and Sep in both 2016 and 2017 (JJAS).

Supplementary Table 1. Details of the *Vibrio* spp. taxonomic group obtained from Ezbiocloud 16S MTP.

Ezbiocloud 16S MTP taxonomy	Taxa included in the group
<i>V. alginolyticus</i> group	<i>V. alginolyticus</i> , <i>V. azureus</i> , <i>V. campbellii</i> , <i>V. harveyi</i> , <i>V. hyugaensis</i> , <i>V. japonicus</i> , <i>V. jasicida</i> , <i>V. natriegens</i> , <i>V. neocaledonicus</i> , <i>V. neptunius</i> , <i>V. owensii</i> , <i>V. proteolyticus</i> , <i>V. rotiferianus</i> , <i>V. sonorensis</i>
<i>V. hepatarius</i> group	<i>V. hepatarius</i> , <i>V. xuii</i> , <i>V. sinaloensis</i> , <i>V. galathea</i>
<i>V. splendidus</i> group	<i>V. splendidus</i> , <i>V. pomeroyi</i> , <i>V. kanaloae</i> , <i>V. chagasii</i> , <i>V. crassostreae</i> , <i>V. gigantis</i> , <i>V. celticus</i> , <i>V. toranzoniae</i>