Table 3. The lipid composition of the different clones of *Symbiodinium* and from freshly isolated zooxanthellae obtained from corals

	Temperature, °C	18:1	18:2	18:3	18:4	16:0
Clone name						
CCMP no. 828	26	16.19 ± 0.06	1.76 ± 0.01	2.02 ± 0.01	18.60 ± 0.18	
CCMP no. 830	26	16.19 ± 0.06	1.76 ± 0.01	2.02 ± 0.01	18.60 ± 0.18	
CCMP no. 421	26	11.45 ± 0.89	1.2 ± 0.01	0.82 ± 0.02	9.42 ± 0.04	
EIL2	26	15.94 ± 0.83	8.38 ± 0.09	1.69 ± 0.06	5.95 ± 0.69	
EIL2	32	15.53 ± 0.77	7.70 ± 0.26	1.79 ± 0.04	6.82 ± 0.40	
CCMP no. 1633	26	8.21 ± 0.58	0.75 ± 0.05	0.12 ± 0.18	29.66 ± 0.19	
CCMP no. 827	26	4.34 ± 0.87	2.67 ± 1.08	2.74 ± 0.04	16.99 ± 0.44	
CCMP no. 827	32	3.84 ± 0.49	3.61 ± 0.19	2.65 ± 0.07	13.02 ± 0.79	
CCMP no. 831	32	4.20 ± 1.52	3.31 ± 0.78	4.02 ± 1.89	11.40 ± 1.56	
CCMP no. 831	26	4.65 ± 0.26	3.28 ± 0.08	3.79 ± 0.10	19.41 ± 0.74	
Coral species						
Stylophora sp.	26	6.38	7.95	3.62	13.88	14.9
Montipora samarensis	26	19.50	16.43	2.38	5.71	32.6

Cultures of *Symbiodinium* spp, were grown in F/2 medium under a 10/14-h light/dark cycle and illuminated with 100 μmol quanta m^{-2}•s^{-1}. The cultures were grown in 26 or 32°C prior to lipid extraction. Lipids were saponified, methylated, and extracted into hexane/methyl tertiary butyl ether as described [Ruess, L., Häggblom, M., Garcia-Zapara, E. & Dighton, J. (2002) *Soil Biol*. *Biochem*. **34,** 745–756]. Fatty acid methyl esters were analyzed by GC/MS using an Agilent series 6890 GC system and 5973 mass selective detector equipped with an HP5MS capillary column (i.d., 30 m × 0.25 mm; film thickness, 0.25 μm) with helium as the carrier gas. Data are the fractional percent of each component normalized to the total lipid pool. CCMP, Provasoli-Guillard National Center for Culture of Marine Phytoplankton West Boothbay Harbor, ME); EIL, Elat clone 2.