

Table S1. Summary data for yellowfin tuna samples selected for lipid extraction.

ID	Date Collected	Length (cm)	Sex	C:N _{Untreated}
1	5/31/2019	118.5	F	2.957
2	5/5/2019	115.5	M	3.010
3	9/6/2019	153.5	F	3.056
4	1/25/2020	83.0	F	3.106
5	5/15/2019	94.0	M	3.121
6	2/25/2020	89.5	F	3.137
7	3/13/2020	90.0	F	3.152
8	1/16/2020	90.0	M	3.177
9	5/15/2019	106.0	F	3.201
10	5/5/2019	96.0	F	3.251
11	11/22/2019	84.0	M	3.295
12	9/6/2019	76.0	F	3.340
13	10/11/2019	107.5	M	3.386
14	4/6/2019	102.0	F	3.433
15	9/27/2019	72.0	M	3.495
16	11/11/2019	82.0	F	3.549
17	1/26/2020	151.0	M	3.608
18	11/22/2019	135.0	F	3.661
19	11/17/2019	81.5	F	3.712
20	9/27/2019	147.0	F	3.737
21	12/8/2019	82.0	M	3.772
22	1/16/2020	124.0	M	3.825
23	12/15/2019	90.5	M	3.952
24	1/26/2020	121.0	F	3.985
25	2/25/2020	108.5	F	4.085
26	4/11/2019	137.5	F	4.142
27	1/26/2020	101.0	F	4.224
28	1/25/2020	130.0	F	4.385
29	5/5/2019	151.0	M	4.516

30	2/8/2020	157.0	M	4.612
31	1/25/2020	139.0	F	4.755
32	3/16/2020	147.5	M	5.129
33	2/25/2020	147.0	F	5.353
34	2/25/2020	139.0	F	5.923
35	3/16/2020	149.0	F	6.091
36	2/25/2020	144.5	F	6.493
