Supplementary Table 1. Number of high quality pyrosequenced 16S rRNA gene fragments

2 obtained in each library from samples taken during the 64-day experiment with (Flasks 1 and 2) or

without (Flasks 4 and 5) crude oil, and the corresponding relative abundance of Arenibacter OTU-

4 202.

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5			
6	Incubation and day	Number of sequences	OTU-202 ^a
7	Flask 1 (with oil):		_
8	day 7	2726	0.0
9	day 10	170	0.0
10	day 35	1958	0.0
11	day 64	5128	1.3
12	Flask 2 (with oil):		
13	day 7	1878	0.0
14	day 10	163	0.0
15	day 35	2312	0.0
16	day 64	2034	1.1
17	Flask 4 (no oil):		
18	day 7	1078	0.0
19	day 10	358	0.0
20	day 35	1467	0.7
21	day 64	3204	0.7
22	Flask 5 (no oil):		
23	day 7	1754	0.0
24	day 10	909	0.0
25	day 35	4141	0.4
26	day 64	137	0.8

^a Relative abundance in each library.