

	(a) DIAMOND+MEGAN taxonomic bin	(b) SPAdes SR-contigs	(c) Total (Mb)	(d) Average coverage	(e) CheckM Complete.	(f) Contam.
B1	<i>Bacteroidetes bacterium</i> OLB12	299	4.3	18	99	4
B2	<i>Candidatus Accumulibacter</i> SK-02	153	3.9	397	66	1
B3	<i>Chlamydiia</i> (class)	732	3.6	7	98	59
B4	<i>Gammaproteobacteria</i> (class)	3,399	7.2	4	82	77
B5	<i>Bacteroidetes bacterium</i> OLB8	106	3.7	93	98	1
B6	<i>Rhodospirillales</i> (order)	1,163	1.8	4	36	7
B7	<i>Chlorobi bacterium</i> OLB5	92	3.5	6	93	2
B8	<i>Thauera</i> (genus)	734	3.7	30	71	2
B9	<i>Sphingobacteriales bacterium</i> 44-15	770	3.3	15	82	4
B10	<i>Bacteroidetes</i> (phylum)	8,586	14.3	4	100	201
B11	<i>Candidatus Contendobacter</i> B J11	3,616	7.7	5	92	109
B12	<i>Betaproteobacteria</i> (class)	6,351	14.8	9	100	296
B13	<i>Nitrospira</i> (genus)	6,636	12.2	5	99	205
B14	<i>Chloroflexi</i> (phylum)	13,839	25.3	5	100	507