

Table S3. Fatty acid, isoprenoid quinone and polar lipid profile of previously reported *Thalassotalea*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Predominant FA														
C9:0	TR	TR	TR	1.4	TR	TR	-	-	-	TR	-	-	-	-
C10:0	2.3	2.6	1.8	4.9	1.4	1.1	TR	TR	TR	-	-	-	1.3	-
C11:0	TR	TR	TR	TR	TR	2.2	TR	-	1.6	TR	-	-	-	-
C12:0	-	TR	TR	TR	TR	4.8	2.2	1.7	-	-	-	-	2.9	2.1
C13:0	-	-	TR	TR	-	7.3	1.6	TR	4.7	4.7	-	-	TR	-
C14:0	6.9	7.1	2.2	3.7	TR	4.7	9.9	5.1	5.9	4.5	13	-	2.6	1.7
C15:0	-	-	-	-	-	-	5.7	-	-	-	-	-	-	-
C16:0	10.8	16.8	19.5	7.8	5.2	17.5	9.4	18.5	15	22.7	5	-	17.9	15.3
C17:0	2.6	TR	3	1.8	1.9	11.1	1	1.2	3.6	5.5	-	-	1.9	4.1
C18:0	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3
Branched:														
iso-C14:0	1	1.3	TR	2.5	1.8	4.7	-	-	2.4	-	-	-	TR	-
iso-C16:0	2.1	5.4	3.4	7.2	14.6	TR	-	TR	2.4	0.7	-	-	1	-
Unsaturated:														
C15:1 ω8c	6.8	3.2	4.1	2.8	4.9	2.7	4.8	4.9	7.3	-	-	-	1.5	5.4
C16:1 ω9c	3.6	5.1	10.1	2.7	3.5	-	4.5	4.9	5.7	-	5.7	-	11.5	1.8
iso-C17:1 ω5c	-	-	-	-	-	-	0.3	9.5	-	-	-	-	-	-
C17:1 ω8c	20	7.4	9	20.6	25.1	12.8	14.9	9.5	24.2	15.4	12	-	8.8	12.5
C18:1 ω7c	1.7	2.9	2	2.6	1.7	4.8	3.4	3.3	-	-	-	-	9.1	15.7
Hydroxy:														
C10:0 3-OH														1.4
C11:0 3-OH	3.5	1.6	1.1	5.4	2.5	1.4	3.7	2.1	2.2	-	-	-	1.6	2.6
C12:0 3-OH	2.9	3.3	3.8	5.4	1.4	2.2	-	3.9	1.1	0.4	-	-	10.2	3.8
iso-C12:0 3-OH	2.1	3	3	-	6	-	-	-	TR	-	-	-	1.8	-
Summed features:														
3 (C16:1 ω7c and/or C16:1 ω6c)	15.6	32.7	23.4	13.3	16.3	8.6	25.1	36	9.1	17.3	31.3	major	16.9	25.5
8 (C18:1 ω7c and/or C18:1 ω6c)	-	-	-	-	-	-	-	-	-	4.6	-	major	4.8	-
Major lipid class														
PG	+	+	+	+	+	nd	nd	+	+	+	nd	+	+	+
PE	+	+	+	+	+	nd	nd	+	+	+	nd	+	+	+
Isoprenoid quinones	Q-8	Q-8	Q-8	Q-8	Q-8	nd	Q-8	Q-8	Q-8	Q-8	nd	Q-8	Q-8	Q-8
References	[8]	[16]	[1]	[7]	[13]	[4]	[19]	[15]	[17]	[11]	[3]	[18]	[12]	[9]

Strains: 1, *T. sediminis* KCTC 42588^T, 2, *T. insulae* KCTC 42588^T, 3, *T. piscium* JCM 18590^T, 4, *T. marina* KCTC 42731^T, 5, *T. profundus* YM155^T, 6, *T. agarivorans* JCM 13379^T, 7, *T. eurytherma* JCM 18482^T, 8, *T. atypica* JCM 31894^T, 9, *T. mangrovi* zs-4^T, 10, *T. crassostreae* LPB 0090^T, 11, *T. loyana* LMG 22536^T, 12, *T. algicola* M1531^T, 13, *T. litorea* HMF4135^T, 14, *T. euphylliae* Eup-16^T.