

Table S6. Fatty acid profiles of *C. ineffabilis* IMA082A and *C. zucchelli* IMA088A. The results are expressed as fatty acid methyl ester percentage. Values represent the mean \pm standard error of mean (SEM) performed three times (n = 3); nd: not detected. ¹ Σ SFA: Saturated fatty acids; ² Σ MUFA: Monounsaturated fatty acids; ³ Σ PUFA: Polyunsaturated fatty acids. Asterisks indicate statistically significant differences ('***' = p-value < 0.001; '**' = p-value < 0.01 and '*' = p-value < 0.05).

FAME	<i>C. ineffabilis</i> IMA082A	<i>C. zucchelli</i> IMA088A	p-value
C14:0	10,12 \pm 0,19	8,88 \pm 0,22	0.002 **
C16:1	33,60 \pm 0,26	24,97 \pm 1,40	< 0.001 ***
C16:0	19,31 \pm 0,28	23,64 \pm 0,45	< 0.001 ***
C18:3	5,13 \pm 0,35	7,71 \pm 0,11	< 0.001 ***
C18:2	3,36 \pm 0,41	4,58 \pm 0,39	0.020 *
C18:1	0,95 \pm 0,026	0,85 \pm 0,47	0.725
C18:0	1,72 \pm 0,05	3,60 \pm 0,11	< 0.001 ***
C20:4n-6	22,30 \pm 0,39	16,47 \pm 0,29	< 0.001 ***
C22:6n-3	1,49 \pm 0,14	1,85 \pm 0,25	0.095
C22:0	nd	0,80 \pm 0,15	–
C24:1	1,77 \pm 0,10	5,04 \pm 0,39	< 0.001 ***
C24:0	0,28 \pm 0,01	1,62 \pm 0,23	< 0.001 ***
Σ SFA ¹	31,42 \pm 0,11	38,54 \pm 0,58	< 0.001 ***
Σ MUFA ²	36,32 \pm 0,37	30,86 \pm 0,85	< 0.001 ***
Σ PUFA ³	32,28 \pm 0,29	30,60 \pm 0,55	0.009 **