

Table S1. Fatty acid and saturation classes relative concentrations in *Phaeodactylum tricornutum* cultures exposed to different propranolol concentrations (average \pm standard error, n = 3).

	0 $\mu\text{g L}^{-1}$	0.3 $\mu\text{g L}^{-1}$	8 $\mu\text{g L}^{-1}$	80 $\mu\text{g L}^{-1}$	150 $\mu\text{g L}^{-1}$	300 $\mu\text{g L}^{-1}$
14:0	7.76 \pm 0.40	11.01 \pm 0.66	9.59 \pm 0.84	8.45 \pm 0.23	8.50 \pm 1.55	7.85 \pm 0.71
16:0	28.52 \pm 0.36	30.94 \pm 3.38	32.44 \pm 2.72	22.28 \pm 1.84	18.34 \pm 3.15	24.55 \pm 3.35
16:1 n-7	34.82 \pm 1.20	30.91 \pm 1.33	36.34 \pm 0.46	28.10 \pm 0.46	20.96 \pm 1.33	31.55 \pm 3.46
16:2 n-7	2.96 \pm 0.46	4.16 \pm 0.64	2.43 \pm 0.08	4.32 \pm 0.30	7.13 \pm 0.05	4.25 \pm 0.58
16:3 n-4	5.04 \pm 0.23	6.089 \pm 1.59	4.36 \pm 0.13	7.82 \pm 0.30	11.49 \pm 2.02	7.33 \pm 0.64
16:4 n-1	2.94 \pm 0.42	2.73 \pm 0.49	1.95 \pm 0.24	2.63 \pm 0.10	2.96 \pm 0.70	2.56 \pm 1.34
18:3 n-6	0.92 \pm 0.25	0.69 \pm 0.24	0.23 \pm 0.18	0.74 \pm 0.43	3.16 \pm 2.29	0.68 \pm 0.21
18:4 n-3	2.55 \pm 0.41	1.76 \pm 0.33	1.51 \pm 0.40	2.55 \pm 0.50	1.24 \pm 0.62	1.15 \pm 0.22
20:4 n-6	0.14 \pm 0.12	1.50 \pm 0.52	0.40 \pm 0.26	0.00 \pm 0.00	0.48 \pm 0.36	0.02 \pm 0.03
20:5 n-3	14.36 \pm 0.80	10.21 \pm 1.93	10.75 \pm 2.58	23.11 \pm 2.29	25.74 \pm 4.54	20.07 \pm 5.20
SFA	36.27 \pm 0.06	41.95 \pm 2.33	42.02 \pm 1.68	30.73 \pm 1.14	26.84 \pm 2.71	32.39 \pm 2.33
MUFA	34.82 \pm 0.69	30.91 \pm 0.77	36.34 \pm 0.27	28.10 \pm 0.27	20.96 \pm 0.77	31.55 \pm 2.00
PUFA	28.90 \pm 0.64	27.14 \pm 3.09	21.64 \pm 1.73	41.17 \pm 0.89	52.20 \pm 3.43	36.06 \pm 4.33
LC- PUFA	14.50 \pm 0.39	11.71 \pm 1.28	11.15 \pm 1.47	23.11 \pm 1.32	26.22 \pm 2.81	20.08 \pm 2.99
UFA	63.73 \pm 0.06	58.05 \pm 2.33	57.98 \pm 1.68	69.27 \pm 1.14	73.16 \pm 2.71	67.61 \pm 2.33

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