

Table S1. Auxiliary bio-physico-chemical parameters in the Inland Sea of Japan.

Location	Sampling date	Water temp (°C)	Salinity (PSU)	Chl <i>a</i> conc (mg m ⁻³)	Dissolved organic carbon (g m ⁻³)	Particulate organic carbon (g m ⁻³)	Particulate organic nitrogen (g m ⁻³)	Bacterial abundance ^a (x10 ⁵ cells ml ⁻¹)
ST1a	11.Jul.02	22.1	31.5	11	ND ^b	2.3	0.26	6.7±0.89
ST2	11.Jul.02	22.2	31.6	2.6	ND	0.79	0.11	7.5±1.4
ST3	11.Jul.02	22.9	32.6	0.35	ND	0.45	0.092	5.8±0.59
ST4	9.Jul.02	19.8	33.2	1.1	ND	0.47	0.087	4.1±4.4
ST5	9.Jul.02	21.6	33.1	0.38	ND	0.41	0.10	3.3±2.5
ST1b	10.Jul.03	19.4	32.8	14	1.4	0.86	0.093	9.8±1.3
ST7	12.Jul.03	24.7	33.6	0.98	0.79	0.38	0.033	29±3.6
ST8	13.Jul.03	22.9	33.8	1.4	0.58	0.30	0.033	46±14
ST9	14.Jul.03	22.4	34.4	1.5	0.84	0.29	0.037	41±4.2
ST10	15.Jul.03	23.7	34.1	0.70	0.51	0.32	0.031	13±1.9

^a Representing mean number ±1 SD of 10 microscope fields counted.

^b No data