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Supplementary Table S1. Details of sampling locations and physicochemical properties of seawater collected for analysis from Powell Basin, Antarctica Peninsula, Antarctica, in 2012.

Station	Sampling date	Location	Sampling depth (m)	Temp. (°C)	Salinity (psu)	Chl <i>a</i> (µg/L ⁻¹)	<i>p</i> -euk ^a (10 ⁶ cells/L)	HB ^b (10 ⁸ cells/L)
D2-3	23/1/2012	60°48.085'S 54°40.857'W	25	0.95	34.3	0.51	3.98	2.42
D2-5	23/1/2012	61°35.359'S 54°08.834'W	25	0.62	34.32	0.85	4.59	NA
D2-8	20/1/2012	62°34.216'S 52°44.032'W	25	0.33	34.11	0.23	7.71	2.76
D3-1	24/1/2012	60°06.009'S 51°09.137'W	25	1.16	34.27	0.71	5.58	1.52
D3-3	24/1/2012	61°09.446'S 50°45.609'W	25	-0.04	34.5	0.21	1.78	1.68
D3-5	25/1/2012	62°13.943'S 50°21.610'W	25	0.49	34.06	0.2	7.99	4.48
D3-8	26/1/2012	63°8.767'S 49°57.468'W	25	-1.3	33.7	0.08	1.81	2.66
D4-7	27/1/2012	61°47.881'S 47°10.694'W	25	0.48	34.27	0.79	7.02	6.09
D4-11	26/1/2012	62°58.519'S 47°09.644'W	25	-0.52	33.58	0.25	3.88	1.80
D5-1	28/1/2012	60°19.012'S 44°41.800'W	25	0.37	34	0.36	2.64	1.78
D5-3	30/12/2011	60°55.062'S 44°42.320'W	25	-0.46	34.15	2.11	4.33	4.25
D5-6	29/1/2012	61°47.396'S 44°40.989'W	25	0.39	34.27	0.43	4.01	1.64
D5-8	29/1/2012	62°23.262'S 44°41.432'W	25	-0.18	33.95	0.22	3.41	2.01

^b Picoeukaryotes. ^a Heterotrophic bacteria.