

Supporting Information

Phosphonate cycling supports methane and ethylene supersaturation in the phosphate-depleted western North Atlantic Ocean

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Table S1. Sampling locations and identification of GEOTRACES metagenomes analyzed in this study. The complete GEOTRACES metagenome dataset is described in Biller et al. 2018 (doi:10.1038/sdata.2018.176).

Section	Station	Latitude	Longitude	Depth (m)	NCBI SRA ^a	Assembly ID ^b
GA03	1	39.69225	-69.8629	30.2	SRR5788089	S0114
GA03	1	39.69225	-69.8629	57.8	SRR5788090	S0115
GA03	1	39.69225	-69.8629	89.2	SRR5788221	S0116
GA03	1	39.69225	-69.8629	109.9	SRR5788220	S0117
GA03	1	39.69225	-69.8629	135.4	SRR5788223	S0118
GA03	1	39.69225	-69.8629	185.8	SRR5788222	S0119
GA03	1	39.69225	-69.8629	285.9	SRR5788217	S0120
GA03	3	38.65497	-69.1313	28.4	SRR5788013	S0064
GA03	3	38.65497	-69.1313	61.2	SRR5788065	S0065
GA03	3	38.65497	-69.1313	86.4	SRR5788066	S0066
GA03	3	38.65497	-69.1313	108.8	SRR5788063	S0067
GA03	3	38.65497	-69.1313	135.6	SRR5788064	S0068
GA03	3	38.65497	-69.1313	186.5	SRR5788069	S0069
GA03	3	38.65497	-69.1313	234.7	SRR5788070	S0070
GA03	3	38.65497	-69.1313	288.8	SRR5788067	S0071
GA03	4	38.32433	-68.8755	39.4	SRR5788216	S0122
GA03	4	38.32433	-68.8755	65.6	SRR5788219	S0123
GA03	4	38.32433	-68.8755	90.8	SRR5788218	S0124
GA03	4	38.32433	-68.8755	111.1	SRR5788227	S0125
GA03	4	38.32433	-68.8755	135.2	SRR5788226	S0126
GA03	4	38.32433	-68.8755	184.1	SRR5788320	S0127
GA03	4	38.32433	-68.8755	236.7	SRR5788321	S0128
GA03	4	38.32433	-68.8755	285.3	SRR5788322	S0129
GA03	6	37.60731	-68.3895	39.6	SRR5788323	S0130
GA03	6	37.60731	-68.3895	64.6	SRR5788316	S0131
GA03	6	37.60731	-68.3895	89.6	SRR5788317	S0132
GA03	6	37.60731	-68.3895	111.1	SRR5788318	S0133
GA03	6	37.60731	-68.3895	139.6	SRR5788319	S0134
GA03	6	37.60731	-68.3895	160	SRR5788314	S0135
GA03	6	37.60731	-68.3895	232.9	SRR5788315	S0136
GA03	6	37.60731	-68.3895	284.7	SRR5788452	S0137

GA03	8	35.41617	-66.5408	31.3	SRR5788141	S0049
GA03	8	35.41617	-66.5408	68	SRR5788142	S0050
GA03	8	35.41617	-66.5408	111.1	SRR5788143	S0051
GA03	8	35.41617	-66.5408	135.8	SRR5788138	S0052
GA03	8	35.41617	-66.5408	186.3	SRR5788139	S0053
GA03	8	35.41617	-66.5408	237.3	SRR5788008	S0054
GA03	8	35.41617	-66.5408	291.5	SRR5788007	S0055
GA03	10	31.75351	-64.175	41.8	SRR5788224	S0082
GA03	10	31.75351	-64.175	75.7	SRR5788313	S0083
GA03	10	31.75351	-64.175	89.1	SRR5788312	S0084
GA03	10	31.75351	-64.175	109.7	SRR5787993	S0085
GA03	10	31.75351	-64.175	182.4	SRR5787994	S0086
GA03	10	31.75351	-64.175	233.3	SRR5788249	S0087
GA03	10	31.75351	-64.175	281.4	SRR5788250	S0088
GA03	10	31.75351	-64.175	414.2	SRR5788251	S0089
^a NCBI Sequence Reach Archive (SRA) accession number						
^b Metagenome assembly identification in NCBI SRA and iMicrobe databases						