

Mesopelagic protists: diversity and succession in a coastal Arctic ecosystem

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Table S1. All clones obtained in this study. From left to right: first and second classification ranks, GenBank closest match, accession number of the closest match (Acc. match), percentage of similitude with the accession match (%), name of the clone, accession number of the clone (Acc. clone) and number of representatives of this clones in the clone library (n)

Rank1	Rank 2	Closest match	Acc. match	%	Clone	Acc. clone	n
Metazoa	Polychaeta	<i>Nephtys longosetosa</i>	DQ790082	98.3	CS163L21	FJ169742	1
Metazoa	Polychaeta	<i>Nephtys longosetosa</i>	DQ790082	98.3	CS163L24	FJ169743	1
Metazoa	Polychaeta	<i>Amphitritides gracilis</i>	AF508115	96.9	CS060L04	FJ169737	2
Metazoa	Priapulopsis	<i>Priapulopsis bicaudatus</i>	EU669458	98.4	CS060S11	FJ775646	1
Metazoa	Calanoida	SCM28C51	AY665107	95.5	CS123L25	FJ169744	1
Metazoa	Cnidaria	<i>Paramuricea sp.</i>	AF052920	99.4	CS050S26	FJ775646	1
Metazoa	Hydrozoa	<i>Edwardsia tuberculata</i>	AF254381	99.4	CS060L29	FJ169738	1
Metazoa	Hydrozoa	<i>Hippopodius hippopus</i>	AF358069	99.5	CS050L15	FJ169747	3
Metazoa	Hydrozoa	<i>Hippopodius hippopus</i>	AF358069	99.8	CS050L23	FJ169748	1
Metazoa	Hydrozoa	<i>Hippopodius hippopus</i>	AF358069	99.6	CS060S24	FJ775647	1
Metazoa	Ctenophora	<i>Mertensia ovum</i>	AF293679	99.5	CS163S49	FJ169741	1
Choanoflagellida	Acanthoecidae	NOR46.34	DQ120005	95.1	CS050S19	FJ169735	2
Choanoflagellida		DB25_BASS	EU154974	99.4	CS050L11	FJ169749	1
Choanoflagellida	Salpingoecidae	NIF_3G4	EF526821	97.7	CS123S24	FJ775645	1
Fungi	Ascomycota	<i>Leptodontidium orchidicola</i>	DQ521603	99.1	CS163S03	FJ169739	4
Fungi	Chytridiomycetes	<i>Chytridiales sp.</i>	EF443138	93.5	CS163S34	FJ169740	1
Cryptophyceae	Cryptomonadida	FV18_2B1	DQ310197	99.9	CS050L18	FJ169754	1
Stramenopile	MAST	NAMAKO-29	AB252769	98.3	CS163S37	FJ169689	1
Stramenopile	MAST	NAMAKO-29	AB252769	98.4	CS163S17	FJ169686	1
Stramenopile	MAST	NAMAKO-29	AB252769	98.2	CS163L15	FJ169693	1
Stramenopile	MAST	NAMAKO-29	AB252769	97.9	CS163L05	FJ169691	1
Stramenopile	MAST	BAQD200	AF372752	97.7	CS123S15	FJ775650	1
Stramenopile	MAST	AD6.02	DQ121419	99.7	CS163S47	FJ169690	1
Stramenopile	MAST	AD6.02	DQ121419	99.7	CS050S27	FJ169707	2
Stramenopile	MAST	AD6.02	DQ121419	99.5	CS060L19	FJ169685	1
Stramenopile	MAST	AD6.02	DQ121419	99.6	CS123L37	FJ169702	1
Stramenopile	MAST	AD6.02	DQ121419	99.4	CS123S10	FJ775651	1
Stramenopile	MAST	AD6.02	DQ121419	99.3	CS123S29	FJ775652	1
Stramenopile	MAST	AD6.02	DQ121419	99.2	CS123L12	FJ169695	3
Stramenopile	MAST	CD8.09	DQ121426	99.8	CS050S17	FJ169706	1
Stramenopile	MAST	AD6.03	DQ121420	99.5	CS060S13	FJ775666	1
Stramenopile	MAST	CD8.03	DQ121425	100	CS163S27	FJ169688	1
Stramenopile	Bolidophyceae	C2_E018	AY046808	96.2	CS060L07	FJ169684	1
Stramenopile	Bolidophyceae	C2_E018	AY046808	98.5	CS123L34	FJ169700	1
Stramenopile	Bolidophyceae	<i>Bolidomonas pacifica</i>	AF167155	97.2	CS123L29	FJ169699	1
Stramenopile	Bolidophyceae	MD65.15	DQ062501	99.1	CS163S23	FJ169687	1
Stramenopile	Bacillariophyta	<i>Nitzschia longissima</i>	AY881968	98	CS050S04	FJ169704	2
Stramenopile	Bacillariophyta	<i>Nitzschia sp.</i>	EU090031	99.1	CS050L14	FJ169711	1
Stramenopile	Bacillariophyta	<i>Thalassiosira rotula</i>	DQ514884	99.8	CS050L10	FJ169710	1
Stramenopile	Bacillariophyta	<i>Thalassiosira antarctica</i>	DQ514874	99.8	CS163L27	FJ169694	2
Stramenopile	Bacillariophyta	<i>Bacterosira bathyomphala</i>	DQ514894	99.4	CS163L12	FJ169692	1
Stramenopile	Chrysophyceae	JBM/S11	EF043285	99.8	CS050S12	FJ169705	1

Table S1 (continued)

Stramenopile	Chrysophyceae	JBM/S11	EF043285	99.7	CS050S28	FJ169708	1
Stramenopile	Chrysophyceae	JBM/S11	EF043285	99.7	CS050L09	FJ169709	1
Stramenopile	Chrysophyceae	JZH-2007-002	EF633325	99.8	CS123L13	FJ169696	3
Stramenopile	Chrysophyceae	JZH-2007-002	EF633325	99.2	CS123S01	FJ775653	1
Stramenopile	Chrysophyceae	JBC13	AY651080	98.5	CS123L36	FJ169701	1
Stramenopile	Synurophyceae	E222	AY256286	98.1	CS123S02	FJ775654	2
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.3	CS123S14	FJ775655	2
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.4	CS123S55	FJ775657	1
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.6	CS123S56	FJ775660	1
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.6	CS123L19	FJ169697	2
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.4	CS123S19	FJ775659	1
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.5	CS123S45	FJ775656	2
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.2	CS123S38	FJ775661	1
Stramenopile	Dictyochophyceae	<i>Pteridomonas danica</i>	L37204	99.1	CS123S04	FJ775658	1
Stramenopile	Bicoecea	OC4.14	EF620524	99.8	CS123S26	FJ775662	1
Stramenopile	Bicoecea	OC4.14	EF620524	99.8	CS123S28	FJ775663	1
Stramenopile	Bicoecea	OC4.14	EF620524	100	CS123L38	FJ169703	1
Stramenopile	Bicoecea	OC4.14	EF620524	99.7	CS123L22	FJ169698	1
Stramenopile	Bicoecea	OC4.14	EF620524	98	CS123S51	FJ775664	1
Alveolata	Group II	SSRPB75	EF172792	98	CS123L42	FJ169829	1
Alveolata	Group II	SSRPB75	EF172792	97.9	CS123S09	FJ775606	1
Alveolata	Group II	SSRPB75	EF172792	98	CS060S25	FJ775619	1
Alveolata	Group II	SSRPB75	EF172792	98	CS060S23	FJ775620	1
Alveolata	Group II	SSRPB75	EF172792	98.1	CS060S21	FJ775621	1
Alveolata	Group II	SSRPB75	EF172792	98.2	CS123L43	FJ169830	9
Alveolata	Group II	SSRPB75	EF172792	98.2	CS060L11	FJ169763	3
Alveolata	Group II	SSRPB75	EF172792	98	CS060S26	FJ775624	1
Alveolata	Group II	SSRPB75	EF172792	98.3	CS060L10	FJ169762	1
Alveolata	Group II	SSRPC80	EF172939	98	CS060S04	FJ775622	1
Alveolata	Group II	SSRPB75	EF172792	97.8	CS060S02	FJ775626	30
Alveolata	Group II	SSRPB75	EF172792	97.9	CS060S03	FJ775625	1
Alveolata	Group II	SSRPB75	EF172792	98.1	CS123S23	FJ775605	1
Alveolata	Group II	SSRPB75	EF172792	98.2	CS123L08	FJ169817	1
Alveolata	Group II	SSRPB75	EF172792	98.3	CS060L06	FJ169759	1
Alveolata	Group II	SSRPB75	EF172792	97.9	CS060S12	FJ775630	1
Alveolata	Group II	SSRPB75	EF172792	97.9	CS060S37	FJ775628	1
Alveolata	Group II	SSRPC80	EF172939	97.5	CS060L20	FJ169767	2
Alveolata	Group II	SSRPC80	EF172939	97.9	CS060S33	FJ775623	3
Alveolata	Group II	SSRPB75	EF172792	97.9	CS060S38	FJ775627	1
Alveolata	Group II	SSRPB75	EF172792	97.4	CS060L03	FJ169758	1
Alveolata	Group II	ZZ0052769	EU818236	99.1	CS060L25	FJ169770	1
Alveolata	Group II	SSRPB75	EF172792	97.5	CS060S18	FJ775629	1
Alveolata	Group II	SSRPB75	EF172792	99.2	CS050L20	FJ169851	1
Alveolata	Group II	PROSOPE.ED-50M-43	EU793727	97.9	CS123S25	FJ775608	8
Alveolata	Group II	SSRPC06	EF172880	99.6	CS123L31	FJ169824	1
Alveolata	Group II	SSRPC06	EF172880	99.7	CS123S46	FJ775607	1
Alveolata	Group II	SSRPC06	EF172880	99.3	CS060S20	FJ775631	1
Alveolata	Group II	PROSOPE.E9-5M.122	EU793439	98.8	CS123S20	FJ775609	1
Alveolata	Group II	PROSOPE.ED-50M.198	EU793691	98.2	CS060S28	FJ775632	1
Alveolata	Group II	SSRPC31	EF172862	99.9	CS163S02	FJ169778	3
Alveolata	Group II	SSRPC31	EF172862	99.7	CS050S09	FJ169836	2
Alveolata	Group II	SSRPC54	EF172866	99.8	CS060L22	FJ169769	2
Alveolata	Group II	SSRPB79	EF172797	99.9	CS163S11	FJ169782	16
Alveolata	Group II	SSRPB79	EF172797	99.9	CS163S14	FJ169783	1
Alveolata	Group II	SSRPB79	EF172797	99.9	CS163S04	FJ169779	1
Alveolata	Group II	SSRPB79	EF172797	99.7	CS123L11	FJ169818	11
Alveolata	Group II	PROSOPE.E5-25M.236	EU793347	98.1	CS123L44	FJ169831	1
Alveolata	Group II	SSRPB71	EF172819	98.8	CS060L30	FJ169772	2
Alveolata	Group II	SSRPB71	EF172819	99.3	CS060S22	FJ775633	1
Alveolata	Group II	SSRPB71	EF172819	99	CS123S37	FJ775610	1
Alveolata	Group II	SSRPB71	EF172819	98.8	CS060S16	FJ775635	1
Alveolata	Group II	SSRPB71	EF172819	99	CS060L36	FJ169776	7
Alveolata	Group II	SSRPB71	EF172819	99.2	CS123L41	FJ169828	1

Table S1 (continued)

Alveolata	Group II	SSRPB71	EF172819	99.3	CS060L12	FJ169764	4
Alveolata	Group II	SSRPB71	EF172819	99	CS060L35	FJ169775	6
Alveolata	Group II	SSRPB71	EF172819	99.1	CS123L23	FJ169820	1
Alveolata	Group II	SSRPB71	EF172819	98.6	CS060S10	FJ775634	5
Alveolata	Group II	SSRPB71	EF172819	99	CS123L33	FJ169825	1
Alveolata	Group II	SSRPB13	EF172800	98.4	CS163S09	FJ169781	5
Alveolata	Group II	SSRPC56	EF172888	98.6	CS123L27	FJ169822	1
Alveolata	Group II	SSRPC56	EF172888	98.7	CS050S24	FJ169843	1
Alveolata	Group II	SSRPC56	EF172888	98.5	CS163S45	FJ169797	1
Alveolata	Group II	PROSOPE.ED-50M.207	EU793698	99.5	CS050S10	FJ169837	2
Alveolata	Group II	PROSOPE.EM-110.183	EU793795	99	CS123S48	FJ775611	1
Alveolata	Group II	PROSOPE.E3-25M.23	EU793220	98.7	CS163S30	FJ169790	1
Alveolata	Group II	ZZ0054189	EU818143	98.4	CS163S53	FJ169800	1
Alveolata	Group II	ZZ00525533	EU817893	99.4	CS163S33	FJ169792	2
Alveolata	Group II	PROSOPE.E3-95M.112	EU793258	99.9	CS163L26	FJ169815	1
Alveolata	Group II	DH147-EKD19	AF290074	98.6	CS050S14	FJ169839	1
Alveolata	Group II	PROSOPE.ED-50M.22	EU793704	95.9	CS123L40	FJ169827	1
Alveolata	Group II	ZZ0054188	EU818142	97.8	CS060S15	FJ775636	1
Alveolata	Group II	ZZ0054188	EU818142	97.7	CS060S36	FJ775637	1
Alveolata	Group II	F11N10	EF172968	96.9	CS163S32	FJ169791	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.9	CS163S01	FJ169777	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.9	CS050S02	FJ169832	16
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.7	CS050L13	FJ169850	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.4	CS050S15	FJ169840	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.6	CS163L01	FJ169801	33
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.3	CS163L18	FJ169812	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.4	CS163L10	FJ169808	3
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.2	CS060S08	FJ775639	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.3	CS163L23	FJ169814	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.2	CS163L06	FJ169805	5
Alveolata	Dinoflagellate	NPK2_168	EU371148	99	CS060L21	FJ169768	2
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.2	CS050L02	FJ169846	34
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.2	CS050S08	FJ169835	5
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.7	CS050L07	FJ169849	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.3	CS163L11	FJ169809	3
Alveolata	Dinoflagellate	NPK2_168	EU371148	99.2	CS060L02	FJ169757	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	98.9	CS060L08	FJ169760	1
Alveolata	Dinoflagellate	NPK2_168	EU371148	98.1	CS060S06	FJ775638	6
Alveolata	Dinoflagellate	SIF_1B11	EF527111.1	99.6	CS050S11	FJ169838	1
Alveolata	Dinoflagellate	<i>Glenodinium inaequale</i>	EF058237	99.5	CS060L31	FJ169773	1
Alveolata	Dinoflagellate	SCM38C48	AY664878	99.3	CS050S25	FJ169844	2
Alveolata	Dinoflagellate	<i>Pentapharsodinium tyrrhenicum</i>	AF022201	99	CS123S36	FJ775612	2
Alveolata	Dinoflagellate	SCM37C4	AY664891	99.2	CS060L01	FJ169756	2
Alveolata	Dinoflagellate	<i>Dinophyceae sp. W5-1</i>	AY434687	99.7	CS163L07	FJ169806	12
Alveolata	Dinoflagellate	IND2.4	EU562147	99.3	CS060L17	FJ169766	1
Alveolata	Dinoflagellate	NIF_3A1	EF526808	99	CS060L09	FJ169761	1
Alveolata	Dinoflagellate	NPK2_131	EU371139	99.6	CS123L39	FJ169826	1
Alveolata	Dinoflagellate	GD1590bp14	EU418968	99.7	CS050L04	FJ169848	13
Alveolata	Dinoflagellate	NIF_3A1	EF526808	97.7	CS123L05	FJ169816	2
Alveolata	Group III	NPK2_163	EU371150	99	CS123L28	FJ169823	1
Alveolata	Group III	NPK2_163	EU371150	99.2	CS123S08	FJ775613	1
Alveolata	Group III	Cla11F08	EU446369	98.7	CS123S21	FJ775614	2
Alveolata		PROSOPE.EM-110.155	EU793783	93.6	CS163L17	FJ169811	1
Alveolata		<i>Dinophyceae sp. GD1590bp27</i>	EU418970	93.3	CS050L03	FJ169847	1
Alveolata	Group I	IND72.19	EU562096	100	CS163S08	FJ169780	1
Alveolata	Group I	PROSOPE.ED-50m.202	EU793695	99.8	CS163S46	FJ169798	1
Alveolata	Group I	PROSOPE.ED-50m.202	EU793695	99.7	CS060L16	FJ169765	1
Alveolata	Group I	IND72.17	EU562094	99.4	CS163S18	FJ169785	1
Alveolata	Group I	T41C9	AY882460	99.7	CS060S35	FJ775640	1
Alveolata	Group I	T41C9	AY882460	99.7	CS050S21	FJ169842	1
Alveolata	Group I	T41C9	AY882460	99.7	CS123S44	FJ775616	1
Alveolata	Group I	T41C9	AY882460	99.3	CS123S53	FJ775615	1
Alveolata	Group I	SSRPB45	EF172831	99.7	CS163S15	FJ169784	4

Table S1 (continued)

Alveolata	Group I	SSRPB45	EF172831	99.8	CS060L26	FJ169771	1
Alveolata	Group I	SSRPD66	EF172950	96.4	CS163S28	FJ169789	1
Alveolata	Group I	SCM15C29	AY665034	96.5	CS163S42	FJ169795	1
Alveolata	Group I	IND31.13	EU561800	97.5	CS050L22	FJ169852	1
Alveolata	Group I	SCM37C10	AY664999	99.1	CS123L14	FJ169819	1
Alveolata	Group I	SCM37C10	AY664999	99.2	CS123L26	FJ169821	1
Alveolata	Group I	IND33.20	EU561826	98.9	CS050L01	FJ169845	1
Alveolata	Group I	T37F4	AY882448	99.1	CS163L02	FJ169802	2
Alveolata		ENVP223.00232	DQ918628	97.8	CS050S18	FJ169841	1
Alveolata	Group I	H48	AY256213	99.2	CS123S12	FJ775617	1
Alveolata	Ellobiopsidae	<i>Thalassomices fagei</i>	AY340590	96.9	CS060S14	FJ775641	1
Alveolata	Ciliophora	SIF_1G9	EF527110	99.7	CS163S20	FJ169786	1
Alveolata	Ciliophora	SIF_1G9	EF527110	99.3	CS163S21	FJ169787	7
Alveolata	Ciliophora	SIF_3B5	EF527028	99.5	CS163S26	FJ169788	1
Alveolata	Ciliophora	SIF_1G9	EF527110	99.7	CS163L08	FJ169807	2
Alveolata	Ciliophora	SIF_2C8	EF527010	99.3	CS163L03	FJ169803	2
Alveolata	Ciliophora	SIF_2C8	EF527010	99.8	CS163L04	FJ169804	1
Alveolata	Ciliophora	SIF_2C8	EF527010	98.6	CS123S31	FJ775618	1
Alveolata	Ciliophora	UEPAC05Np2	AY129035	99.1	CS163S38	FJ169793	1
Alveolata	Ciliophora	SIF_1F2	EF527106	98.3	CS050S07	FJ169834	1
Alveolata	Ciliophora	UEPAC05Np2	AY129035	99.3	CS163S43	FJ169796	1
Alveolata	Ciliophora	SCM15C31	AY665101	96.6	CS163L20	FJ169813	1
Alveolata	Ciliophora	MD65.05	DQ119933	98.7	CS163S50	FJ169799	1
Alveolata	Ciliophora	SCM15C31	AY665101	96.1	CS163L16	FJ169810	1
Cercozoa	Cyromonodida	<i>Cryothecomonas longipes</i>	AF290540	98.9	CS123L30	FJ169730	3
Cercozoa	Silicofilosea	NIF_3H11	EF526825	97.9	CS123S35	FJ775642	1
Radiolaria	Polycstinea	SSRPC18	EF172906	99.9	CS163S06	FJ169715	3
Radiolaria	Polycstinea	SSRPC18	EF172906	99.9	CS163L14	FJ169725	1
Radiolaria	Polycstinea	SSRPC18	EF172906	99.9	CS163S19	FJ169717	1
Radiolaria	Polycstinea	IND72.38	EU562115	99.7	CS123L10	FJ169726	1
Radiolaria	Polycstinea	UI12B04	EU446328	99.4	CS123L21	FJ169729	1
Radiolaria	Polycstinea	NW414.03	DQ314831	99.5	CS050S30	FJ169732	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.6	CS163S25	FJ169718	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.9	CS123L15	FJ169727	3
Radiolaria	Polycstinea	C1_E045	AY046642	98.9	CS163S44	FJ169721	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.7	CS060L14	FJ169712	11
Radiolaria	Polycstinea	C1_E045	AY046642	98.5	CS123S54	FJ775648	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.6	CS163L13	FJ169724	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.1	CS163S36	FJ169719	1
Radiolaria	Polycstinea	C1_E045	AY046642	98.4	CS163S51	FJ169723	1
Radiolaria	Acantharea	T41D11	AY882491	99.1	CS163S39	FJ169720	1
Radiolaria	Acantharea	T41D11	AY882491	99.2	CS050L17	FJ169734	1
Radiolaria	Acantharea	T41D11	AY882491	99	CS123L18	FJ169728	1
Radiolaria	Acantharea	T41D11	AY882491	99.2	CS060S27	FJ775665	1
Radiolaria	Acantharea	T41D11	AY882491	99.4	CS163S48	FJ169722	1
Radiolaria	Acantharea	T41D11	AY882491	98.5	CS060L34	FJ169714	1
Radiolaria	Acantharea	T41D11	AY882491	99.2	CS060L18	FJ169713	1
Radiolaria	Acantharea	T41D11	AY882491	99.1	CS050L21	FJ169736	1
Radiolaria	Acantharea	T41D11	AY882491	99.2	CS050L19	FJ169735	1
Radiolaria	Acantharea	T41D11	AY882491	98.9	CS050S32	FJ169733	1
Radiolaria	Acantharea	T41D11	AY882491	98.8	CS050S22	FJ169731	1
Radiolaria	Acantharea	<i>Hexaconus serratus</i>	AB178587	96.8	CS123S41	FJ775649	1
Amoebozoa	Vannellida	<i>Vannella sp. S2M2/I</i>	AY929904	96.9	CS163S52	FJ169755	1
Euglenozoa	Kinetoplastea	<i>Prokryptobia sorokini</i> HFCC16	DQ207592	99.9	CS123S33	FJ775643	1
Euglenozoa	Kinetoplastea	<i>Prokryptobia sorokini</i> HFCC16	DQ207592	99.8	CS123S50	FJ775644	1
Euglenozoa	Kinetoplastea	<i>Prokryptobia sorokini</i> HFCC16	DQ207592	99.7	CS123L35	FJ169753	1
Euglenozoa	Kinetoplastea	<i>Prokryptobia sorokini</i> HFCC16	DQ207592	99.2	CS123L09	FJ169752	2
Euglenozoa	Diplonemea	Ti11_D11_23	EU635653	99.2	CS163L25	FJ169750	1
Euglenozoa	Diplonemea	Ma115_D1_40	EU635613	99	CS163L28	FJ169751	1

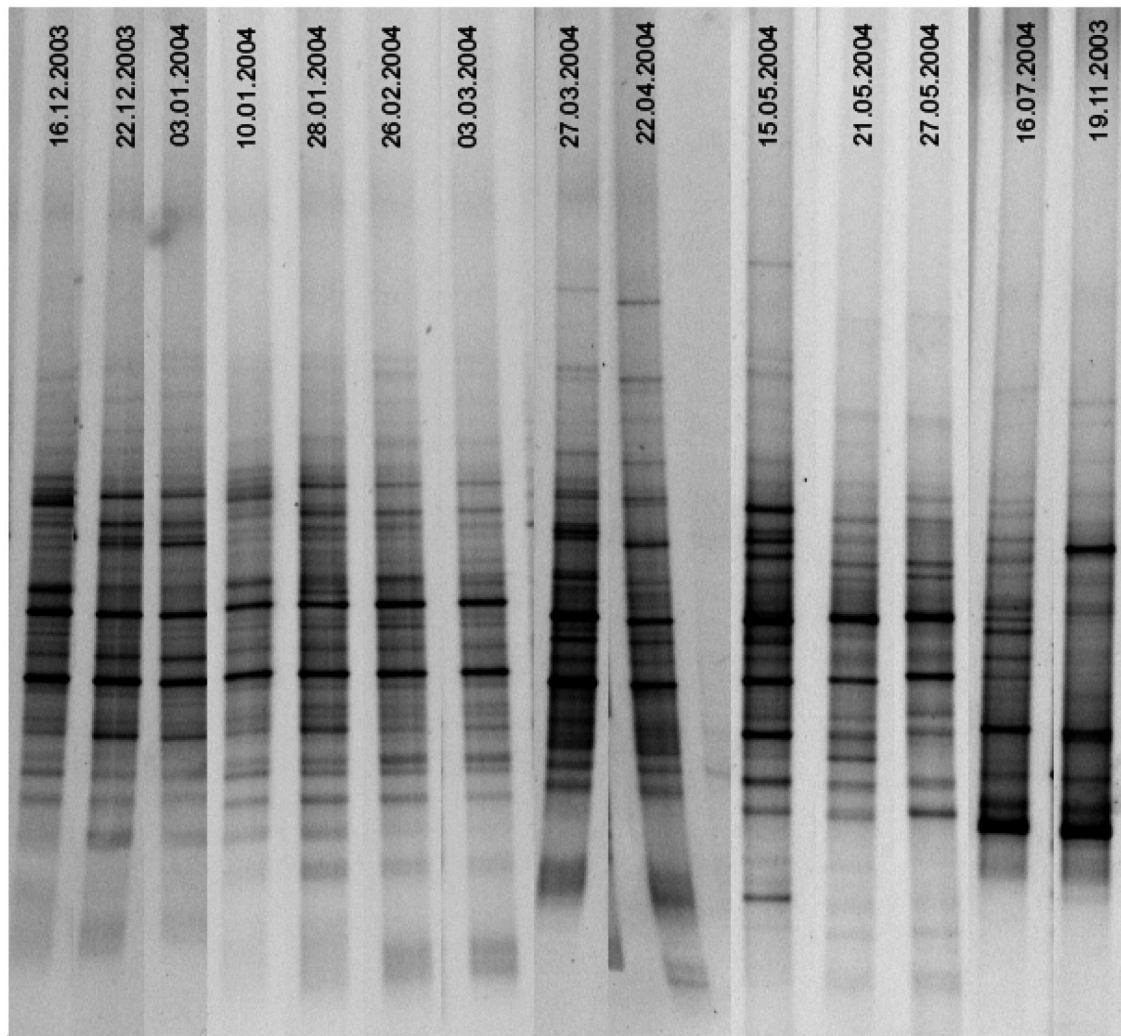


Fig. S1. Denaturing gradient gel electrophoresis (DGGE) inverse composite image. DGGEs were run as in Hamilton et al. (2008) using a DGGE 2401-Rev B system (CBS Scientific Company). Multiple gel lanes have been combined in this image to present all samples used in the analysis of the mesopelagic zone in Franklin Bay

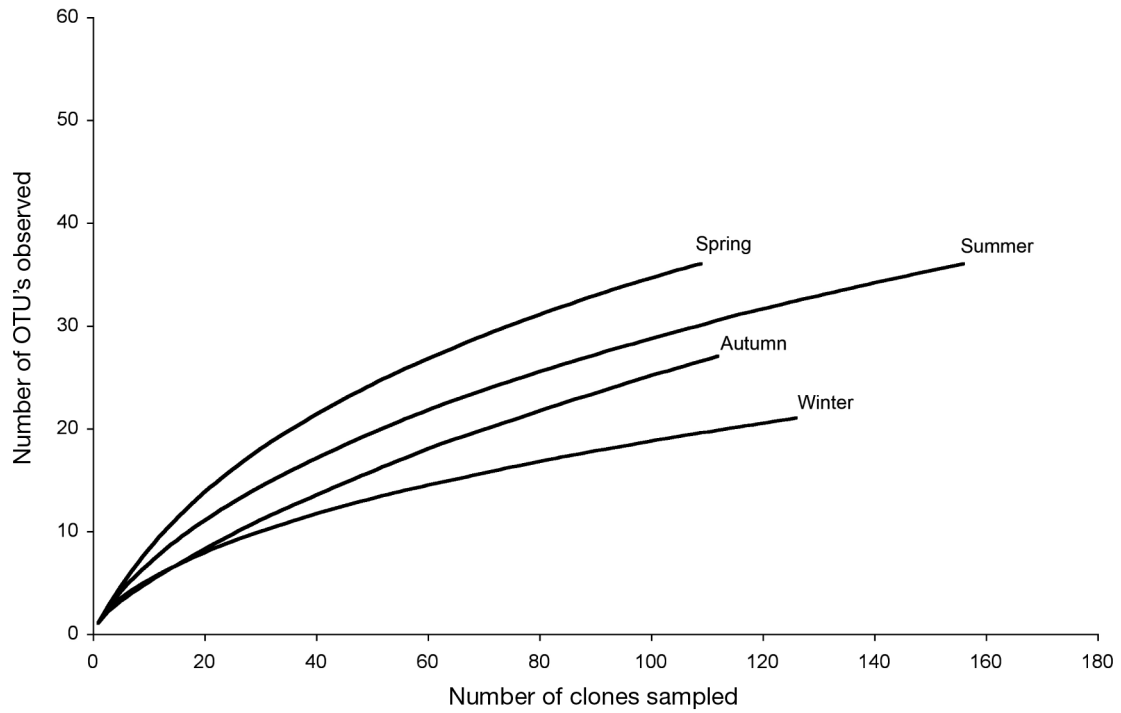


Fig. S2. Rarefaction curves calculated from clone libraries obtained from Franklin Bay with 4 different samples: Autumn, Winter, Spring and Summer. Rarefaction was calculated at the 2% distance level

LITERATURE CITED

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