

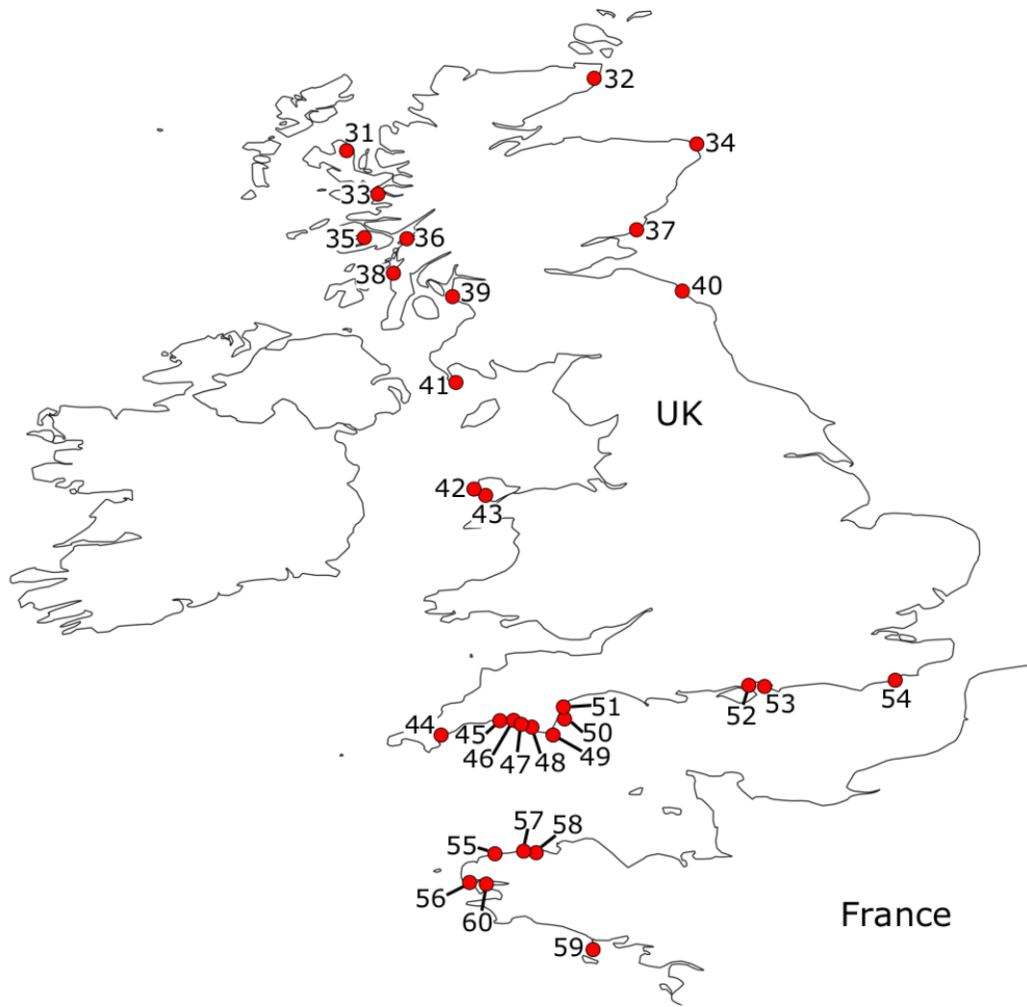


Figure S1. Map of collection sites 31-60 of Laminariales and Ectocarpales infected with phaeoviruses. Red points are sites. Sample size=n. See Table S1 for full sample details. Site key: 31 Isle of Skye, 32 Wick, 33 Mallaig, 34 Rattray Head, 35 Isle of Mull, 36 Oban, 37 Arbroath, 38 Taynish, 39 Portencross, 40 Berwick, 41 Mull of Galloway, 42 Trearddur, 43 Rhosneigr, 44 Restronguet Point, 45 Whitsand Bay, 46 Plymouth, 47 Wembury, 48 Mothecombe, 49 Start Point, 50 Brixham, 51 Torquay, 52 Gosport, 53 Hayling Island, 54 Pett, France: 55. Traezh Hir, 56 Perharidy, 57 Roscoff, 58 Terenez, 59 Quiberon, 60 Caro.

Table S1. Data of phaeoviral infections of Ectocarpales and Laminariales. Includes data from this study, McKeown et al. (2017), Müller et al. (2000), and Sengco et al. (1996). Unknown=phaeoviral infection of unknown subgroup, None = no virus infection, A = subgroup A, B = subgroup B, C = subgroup C, * = unknown subgroup. Multiple subgroups are indicated in samples with multiple infections. All infections detected by PCR or qPCR and accession numbers given for sequenced PCR products. MCP = major capsid protein, Gp-1 = viral capsid protein gp1, - = not tested, - = negative result, + = positive result. NA = not available, S = sporophyte, G = gametophyte, qPCR = real time quantitative PCR. Site key: 1 Greenland. Canada: 2 Newfoundland. USA: 3 Penikese, 4 Wilmington, 5 Beaufort, 6 Tampa, 7 Port Aransas, 8 Santa Barbara, 9 San Francisco. Peru: 10 Peru, 11 Ancón, 12 Medniet, 13 Marcona. Chile: 14 Arica, 15 Pisagua, 16 Antofagasta, 17 Bahía Inglesa, 18 Coquimbo, 19 Quintay, 20 Piedras negras, 21 Juan Fernandez, 22 Valdivia, 23 Puerto Montt, 24 Maullin, 25 Puyuguapi, 26 South Chile, 27 Magellan Straits, 28 Tierra del Fuego. Argentina: 29 Ushuaia, 30 Puerto Deseado. UK: 31 Isle of Skye, 32 Wick, 33 Mallaig, 34 Rattray Head, 35 Isle of Mull, 36 Oban, 37 Arbroath, 38 Taynish, 39 Portencross, 40 Berwick, 41 Mull of Galloway, 42 Trearddur, 43 Rhosneigr, 44 Restronguet Point, 45 Whitsand Bay, 46 Plymouth, 47 Wembury, 48 Mothecombe, 49 Start Point, 50 Brixham, 51 Torquay, 52 Gosport, 53 Hayling Island, 54 Pett, 55. France: Traezh Hir, 56 Perharidy, 57 Roscoff, 58 Terenez, 59 Quiberon, 60 Caro, 61 Bouzigues, 62 Villefranche. Norway: 63 Tromso, 64 Bergen. Sweden: 65 Baltic Sea. Denmark: 66 Copenhagen. Germany: 67 Sylt, 68 Helgoland, 69 River Werra. Croatia: 70 Split. Italy: 71 Naples. Portugal: 72 Amorosa. Spain: 73 Canary Islands, 74 Gran Canaria. Namibia: 75 Swakopmund, 76 Lüderitz. South Africa: 77 Port Nolloth, 78 Hondeklip Bay, 79 Doring Bay, 80 Jacob's Bay, 81 Cape Town, 82 Oudekraal, 83 Stanford's Cove, 84 De Hoop, 85 Buffels Bay, 86 Nature's Valley, 87 Port Elizabeth, 88 Kei Mouth, 89 Hluleka, 90 Durban. South Korea: 91 Incheon, 92. Japan: Yamaguchi, 93 Hatozu, 94 Ehime, 95 Kobe, 96 Goza-Shirahama, 97 Itoigawa, 98 Zushi, 99 Oma, 100 Hokkaido. Australia: 101 Abrolhos, 102 Jurien Bay, 103 Hamelin Bay, 104 Victoria, 105 Fortescue. 106 New Zealand.

Species	Life cycle phase	Source, collector	Sample code	Date	Exposure	Virus subgroup	PCR result, accession
<i>Ecklonia cava</i>	S	96, K. Kogame	EcavGS-JP-D1744	NA	NA	None	MCP -
<i>Ecklonia cava</i>	S	98, S. Uwai	EcavZU-JP-D1751	NA	NA	None	MCP -
<i>Ecklonia kurome</i>	S	93, S. Uwai	EkurHZ-JP-D1774	NA	NA	None	MCP -
<i>Ecklonia kurome</i>	S	93, S. Uwai	EkurHZ-JP-D1775	NA	NA	None	MCP -
<i>Ecklonia kurome</i>	S	93, S. Uwai	EkurHZ-JP-D1776	NA	NA	None	MCP -
<i>Ecklonia kurome</i>	S	97, M. Okaji	EkurIG-JP-D1747	NA	NA	None	MCP -
<i>Ecklonia kurome</i>	S	97, M. Okaji	EkurIG-JP-D1748	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1730	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1731	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1732	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1733	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1734	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1735	NA	NA	Unknown	MCP +, MG967362
<i>Ecklonia maxima</i>	S	84, R. Anderson	EmaxDH-ZA-D1738	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	79, M. Rothman	EmaxDB-ZA-D1728	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	79, M. Rothman	EmaxDB-ZA-D1729	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	80, M. Rothman	EmaxJB-ZA-D1757	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	82, M. Rothman	EmaxOK-ZA-D1772	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	82, M. Rothman	EmaxOK-ZA-D1773	NA	NA	None	MCP -
<i>Ecklonia maxima</i>	S	77, M. Rothman	EmaxPN-ZA-D1764	NA	NA	Unknown	MCP +, MG967368
<i>Ecklonia maxima</i>	S	77, M. Rothman	EmaxPN-ZA-D1765	NA	NA	Unknown	MCP +, MG967369
<i>Ecklonia maxima</i>	S	77, M. Rothman	EmaxPN-ZA-D1766	NA	NA	Unknown	MCP +, MG967370
<i>Ecklonia maxima</i>	S	83, M. Rothman	EmaxSC-ZA-D1767	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	101, M. Mohring	EradAB-AU-D1723	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	101, M. Mohring	EradAB-AU-D1724	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	101, M. Mohring	EradAB-AU-D1725	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	105, M. Mohring	EradFS-AU-D1739	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	103, M. Mohring	EradHA-AU-D1740	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	103, M. Mohring	EradHA-AU-D1741	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	102, D. Kemp	EradJU-AU-D1743	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	76, A. Plos	EradLU-NA-D1753	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	76, A. Plos	EradLU-NA-D1754	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	85, D. Kemp	EradBB-ZA-D1726	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	85, R. Anderson	EradBB-ZA-D1727	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	84, C. Boothroyd	EradDH-ZA-D1736	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	84, C. Boothroyd	EradDH-ZA-D1737	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	89, C. Boothroyd	EradHL-ZA-D1769	NA	NA	Unknown	MCP +, MG967363
<i>Ecklonia radiata</i>	S	89, C. Boothroyd	EradHL-ZA-D1770	NA	NA	Unknown	MCP +, MG967364
<i>Ecklonia radiata</i>	S	89, C. Boothroyd	EradHL-ZA-D1771	NA	NA	Unknown	MCP +, MG967365
<i>Ecklonia radiata</i>	S	88, D. Kemp	EradKM-ZA-D1759	NA	NA	None	MCP -
<i>Ecklonia radiata</i>	S	88, D. Kemp	EradKM-ZA-D1760	NA	NA	Unknown	MCP +, MG967367
<i>Ecklonia radiata</i>	S	88, D. Kemp	EradKM-ZA-D1763	NA	NA	Unknown	MCP +, MG967366
<i>Ecklonia radiata</i>	S	86, D. Kemp	EradNV-ZA-D1762	NA	NA	None	MCP -
<i>Ecklonia stolonifera</i>	S	99, S. Uwai	EstoOM-JP-D1749	NA	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	72, J. Franco	LochAR-PT-3	NA	NA	None	MCP -

<i>Laminaria pallida</i>	S	79, C. Boothroyd	LpalIDB-ZA-16	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	79, C. Boothroyd	LpalIDB-ZA-17	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	79, C. Boothroyd	LpalIDB-ZA-18	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	79, C. Boothroyd	LpalIDB-ZA-19	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	79, C. Boothroyd	LpalIDB-ZA-20	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	78, R. Anderson	LpalHB-ZA-14	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	80, R. Anderson	LpalJB-ZA-37	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	82, C. Boothroyd	LpalOK-ZA-1	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	82, C. Boothroyd	LpalOK-ZA-2	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	82, C. Boothroyd	LpalOK-ZA-4	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	77, M. Rothman	LpalPN-ZA-22	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	77, M. Rothman	LpalPN-ZA-24	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	83, S. John	LpalISC-ZA-3	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	83, S. John	LpalISC-ZA-4	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	75, B. Rothman	LpalISW-NA-2	NA	NA	None	MCP -
<i>Laminaria pallida</i>	S	75, B. Rothman	LpalISW-NA-3	NA	NA	None	MCP -
<i>Lessonia spicata</i>	S	20, C. Avaria	LspicPN-CL-1	2017	NA	None	MCP -
<i>Lessonia spicata</i>	S	20, C. Avaria	LspicPN-CL-2	2017	NA	None	MCP -
<i>Lessonia spicata</i>	S	20, C. Avaria	LspicPN-CL-3	2017	NA	None	MCP -
<i>Lessonia spicata</i>	S	20, C. Avaria	LspicPN-CL-4	2017	NA	None	MCP -
<i>Lessonia spicata</i>	S	20, C. Avaria	LspicPN-CL-5	2017	NA	None	MCP -
<i>Macrocystis pyrifera</i>	S	20, C. Avaria	MpyrPN-CL-1	2017	NA	None	MCP -
<i>Macrocystis pyrifera</i>	S	20, C. Avaria	MpyrPN-CL-2	2017	NA	None	MCP -
<i>Macrocystis pyrifera</i>	S	20, C. Avaria	MpyrPN-CL-3	2017	NA	C	MCP +, MG967376
<i>Macrocystis pyrifera</i>	S	20, C. Avaria	MpyrPN-CL-4	2017	NA	None	MCP -
<i>Macrocystis pyrifera</i>	S	20, C. Avaria	MpyrPN-CL-5	2017	NA	None	MCP -
<i>Saccharina japonica</i>	S	91, J. Park	SjapIC-SK-1	2017	NA	None	MCP -
<i>Saccharina japonica</i>	S	91, J. Park	SjapIC-SK-2	2017	NA	None	MCP -
<i>Saccharina japonica</i>	S	91, J. Park	SjapIC-SK-3	2017	NA	None	MCP -
<i>Saccharina japonica</i>	S	91, J. Park	SjapIC-SK-4	2017	NA	None	MCP -
<i>Saccharina japonica</i>	S	91, J. Park	SjapIC-SK-5	2017	NA	None	MCP -
<i>Undaria pinnatifida</i>	S	91, J. Park	UpinIC-SK-1	2017	NA	Unknown	MCP +, MG967371
<i>Undaria pinnatifida</i>	S	91, J. Park	UpinIC-SK-2	2017	NA	Unknown	MCP +, MG967372
<i>Undaria pinnatifida</i>	S	91, J. Park	UpinIC-SK-3	2017	NA	Unknown	MCP +, MG967373
<i>Undaria pinnatifida</i>	S	91, J. Park	UpinIC-SK-4	2017	NA	Unknown	MCP +, MG967374
<i>Undaria pinnatifida</i>	S	91, J. Park	UpinIC-SK-5	2017	NA	Unknown	MCP +, MG967375
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM13	2015	NA	None	MCP -
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM1	2015	NA	C	MCP +, KY063727
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM2	2015	NA	C	MCP +, KY063726
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM3	2015	NA	C	MCP +, KY063725
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM4	2015	NA	C	MCP +, KY063724
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM1	2015	NA	C	MCP +, KY063711
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM7	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM2	2015	NA	C	MCP +, KY063710
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM8	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM9	2015	NA	None	MCP -
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM5	2015	NA	C	MCP +, KY063723
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM6	2015	NA	C	MCP +, KY063722
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM14	2015	NA	None	MCP -
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM7	2015	NA	C	MCP +, KY063721
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM15	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM3	2015	NA	C	MCP +, KY063709
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM4	2015	NA	C	MCP +, KY063708
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM10	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM11	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM12	2015	NA	None	MCP -
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM8	2015	NA	C	MCP +, KY063720
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM9	2015	NA	C	MCP +, KY063719
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM10	2015	NA	C	MCP +, KY063718
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM11	2015	NA	C	MCP +, KY063717
<i>Laminaria digitata</i>	S	46, McKeown et al	LdigPM12	2015	NA	C	MCP +, KY063716
<i>Laminaria hyperborea</i>	S	46, McKeown et al	LhypPM1	2015	NA	C	MCP +, KY063715
<i>Laminaria hyperborea</i>	S	46, McKeown et al	LhypPM2	2015	NA	C	MCP +, KY063714
<i>Laminaria hyperborea</i>	S	46, McKeown et al	LhypPM3	2015	NA	C	MCP +, KY063713
<i>Laminaria hyperborea</i>	S	46, McKeown et al	LhypPM4	2015	NA	C	MCP +, KY063712
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM1	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM2	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM3	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM4	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM5	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM6	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM7	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM8	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM9	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM10	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM11	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM12	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM13	2015	NA	None	MCP -

<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM14	2015	NA	None	MCP -
<i>Laminaria ochroleuca</i>	S	46, D. McKeown	LochPM15	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM5	2015	NA	C	MCP +, KY063707
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM6	2015	NA	C	MCP +, KY063706
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM13	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM14	2015	NA	None	MCP -
<i>Saccharina latissima</i>	S	46, McKeown et al	SlatPM15	2015	NA	None	MCP -
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	37, AF. Peters	ARB7C	09.06.04	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	42, AF. Peters	TRE08-15C	21.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	42, AF. Peters	TRE08-16C	21.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-10C	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT08-11A	02.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	37, AF. Peters	ARB4C	09.06.04	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-25C	12.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	31, AF. Peters	SKY08-9	14.06.08	Exposed	A*	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	42, AF. Peters	TRE08-17A	21.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	42, AF. Peters	TRE08-4B	21.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	42, AF. Peters	TRE08-9B	21.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	43, AF. Peters	RHOS08-1C	20.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-15A	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-16A	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-19A	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-20B	21.05.08	Exposed	A*	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-21C	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	47, AF. Peters	WEM08-7A	21.05.08	Exposed	A*	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	51, AF. Peters	TOR4A	29.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	52, AF. Peters	GOS4c	28.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT08-13C	02.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT08-1A	01.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT08-4A	01.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT08-5C	01.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	40, AF. Peters	BUT28A	02.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	37, AF. Peters	ARB1C	09.06.04	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	37, AF. Peters	ARB8A3	09.06.04	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	34, AF. Peters	RAT08-5C	10.06.08	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	34, AF. Peters	RAT9B	11.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-10C	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-16C	12.06.08	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-17A	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-18A	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-19C	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus</i> <i>crovaniorum</i>	NA	32, AF. Peters	WIC08-21B	12.06.08	Exposed	A	MCP + qPCR

<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-22C	12.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-23A	12.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-24B	12.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-10C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-11C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-1C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-4C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-5C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY08-8C	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	31, AF. Peters	SKY12B	14.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	33, AF. Peters	LIA08-3B	15.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	33, AF. Peters	LIA2A	15.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-13A	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-14C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-16B	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-17B	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-1A	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-21C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-23C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-24B	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-26C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-27C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-29C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-2C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-3C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-5C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-6C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-7C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-8C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL08-9C	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL15A	17.06.08	Exposed	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL22	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	41, AF. Peters	GAL28A	17.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-10B	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-18C	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-3C	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-5A	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-6C	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-7A	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							

<i>Ectocarpus</i>	NA	42, AF. Peters	TRE1B	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE2C3	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE8B4	21.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	43, AF. Peters	RHOS08-2C	20.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	43, AF. Peters	RHOS08-3C	20.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	43, AF. Peters	RHOS08-4B	20.06.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-11C	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-12C	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-13A	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-14B	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-17B	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-18A	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-22A	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-23C	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-24B	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-25C	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-26A	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-27C	28.06.08	Exposed	B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	47, AF. Peters	WEM08-6C	21.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	52, AF. Peters	GOS1c	28.05.08	Exposed	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-11B	12.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-12C	12.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-13C	12.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	32, AF. Peters	WIC08-15C	12.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	42, AF. Peters	TRE08-19C	21.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	43, AF. Peters	RHOS08-5C	20.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	43, AF. Peters	RHOS08-6A	20.06.08	Exposed	None	MCP - qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	35, AF. Peters	Mul(06-4)1	23.05.06	Unknown	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	50, AF. Peters	TOR6B2	29.06.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-14	20.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-20	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-25	20.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-43	20.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-5	20.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-31	26.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-42	26.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-44	26.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	62, AF. Peters	VF08-3C	19.04.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	62, AF. Peters	VF08-4A	19.04.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							

<i>Ectocarpus</i>	NA	50, AF. Peters	TOR08-5C	29.06.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	50, AF. Peters	TOR08-7B	29.06.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-35	27.05.10	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-113	27.06.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-16	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-18	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-2	20.01.11	Sheltered	B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-26	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-27	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-3	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-31	20.01.11	Sheltered	B*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-46	20.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-6	28.04.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-19	26.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-20	25.01.11	Sheltered	A*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-22	25.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-30	25.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-47	25.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-7	25.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#5-38	21.01.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#5-7	21.01.11	Sheltered	A*	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	58, AF. Peters	Ec244	13.07.11	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	62, AF. Peters	VF08-5A	19.04.08	Sheltered	A+B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	50, AF. Peters	TOR08-8B	29.06.08	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	53, AF. Peters	LH6b	28.05.08	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	53, AF. Peters	LH8A	28.05.08	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	54, AF. Peters	HAS08-10B	30.05.08	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	54, AF. Peters	HAS08-1C	30.05.08	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	Ec195	13.01.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-14	14.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-24	27.05.10	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-28	27.05.10	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-29	27.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-31	27.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-33	27.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-37	27.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-60	27.05.10	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH10-63	27.05.10	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-1	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							

<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-106	06.06.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-11	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-112	27.06.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-114	27.06.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-13	20.01.11	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-17	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-21	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-28	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-37	20.01.11	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-38	20.01.11	Sheltered	B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-39	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-42	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-47	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-7	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-9	20.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-1	26.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-14	26.01.11	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-29	26.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2A-46	26.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-1	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-10	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-17	25.01.11	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-2	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-21	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-23	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-25	25.01.11	Sheltered	B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-28	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-3	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-35	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-37	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-4	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-42	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-52	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-53	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-54	25.01.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	56, AF. Peters	EcPH11-s#2B-9	25.01.11	Sheltered	Unknown	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	55, AF. Peters	Ec326	27.05.06	Sheltered	B	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	55, AF. Peters	Ec329	27.05.06	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							
<i>Ectocarpus</i>	NA	58, AF. Peters	Ec243	13.07.11	Sheltered	A	MCP + qPCR
<i>croauaniorum</i>							

[illegible]

<i>Ectocarpus</i> <i>croauaniorum</i>	NA	56, AF. Peters	EcPH11-s#2B-36	25.01.11	Sheltered	None	MCP - qPCR
<i>Ectocarpus</i> <i>croauaniorum</i>	NA	56, AF. Peters	EcPH11-s#2B-39	25.01.11	Sheltered	None	MCP - qPCR
<i>Ectocarpus</i> <i>croauaniorum</i>	NA	56, AF. Peters	EcPH11-s#2B-49	25.01.11	Sheltered	None	MCP - qPCR
<i>Ectocarpus</i> <i>croauaniorum</i>	NA	56, AF. Peters	EcPH11-s#5-44	21.01.11	Sheltered	None	MCP - qPCR
<i>Ectocarpus</i> <i>croauaniorum</i>	NA	56, AF. Peters	EcPH11-s#5-47	21.01.11	Sheltered	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	13, AF. Peters	Ec308	06.03.06	Exposed	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	43, AF. Peters	RHOS08-15A	20.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	14, AF. Peters	Ec310	01.03.09	Exposed	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-14C	02.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-16A	02.06.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	43, AF. Peters	RHOS08-16A	20.06.08	Exposed	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, AF. Peters	WEM08-2A	21.05.08	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	52, AF. Peters	GOS3b	28.05.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHH9	13.08.06	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-255	11.08.10	Exposed	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-273	12.08.10	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-274	12.08.10	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-279	12.08.10	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-285	12.08.10	Exposed	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY16	05.10.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY19	05.10.06	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY21	05.10.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY22	05.10.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY23	05.10.06	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-15B	02.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-17B	02.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-2B	01.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT08-3C	01.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT20A	02.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	32, AF. Peters	WIC08-26C	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	32, AF. Peters	WIC08-28A	12.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	32, AF. Peters	WIC08-29C	12.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	32, AF. Peters	WIC08-30C	12.06.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-10C	17.06.08	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-12A	17.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-18A	17.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-19C	17.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-4C	17.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	42, AF. Peters	TRE08-14B	21.06.08	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	43, AF. Peters	RHO14C	20.06.08	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, DC. Schroeder	W004	05.07.04	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, AF. Peters	WEM08-1A	21.05.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, AF. Peters	WEM4B	21.05.08	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL10	13.08.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL12	08.09.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL30	08.09.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL6	13.08.06	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec680	13.08.06	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec684	08.09.06	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-245	11.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-264	11.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-267	11.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-270	11.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-271	12.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-275	12.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-277	12.08.10	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-278	12.08.10	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-281	12.08.10	Exposed	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-283	12.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-287	12.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-288	12.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	19, A. Mann	QY20	05.10.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	40, AF. Peters	BUT7B	01.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	34, AF. Peters	RAT1C4	10.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	32, AF. Peters	3227A	12.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	33, AF. Peters	LIA08-1C	15.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-11C	17.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-20C	17.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	41, AF. Peters	GAL08-25A	17.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	42, AF. Peters	TRE08-12C	21.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, AF. Peters	WEM08-3A	21.05.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	47, AF. Peters	WEM08-5B	21.05.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	51, AF. Peters	TOR08-1C	29.06.08	Exposed	None	MCP - qPCR

<i>Ectocarpus fasciculatus</i>	NA	51, AF. Peters	TOR08-2A	29.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHH2	13.08.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHH7	13.08.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL1	12.08.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL2	13.08.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHL26	08.09.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec396	30.09.03	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec578	29.09.05	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec674	13.08.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	Ec683	08.09.06	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-227	11.08.07	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-227	11.08.07	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-228	11.08.07	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-228	11.08.07	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-234	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-234	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-240	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-240	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-245	11.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-248	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-248	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-255	11.08.10	Exposed	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-260	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-260	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-262	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-262	11.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-264	11.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-267	11.08.10	Exposed	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-270	11.08.10	Exposed	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-272	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-276	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-282	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-284	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-286	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-289	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-290	12.08.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-5	01.03.10	Exposed	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	17, D. Müller	CH(05-)11	10.01.04	NA	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	48, DC. Schroeder	M001	23.11.03	NA	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	49, DC. Schroeder	S001	04.06.04	NA	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	49, DC. Schroeder	S002	04.06.04	NA	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	17, D. Müller	60(05-)12	10.01.04	NA	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	46, DC. Schroeder	P002	04.06.04	NA	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	46, DC. Schroeder	P005	24.02.04	NA	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	46, DC. Schroeder	P006	23.07.04	NA	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	45, DC. Schroeder	Y003	30.07.04	NA	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	46, DC. Schroeder	P001	04.06.04	NA	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	49, AF. Peters	SAL08-2C	29.06.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-178	15.07.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-2	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	SAM08-8C	07.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	46, AF. Peters	QAB08-4B	24.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	49, AF. Peters	SAL08-1C	29.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	54, AF. Peters	HAS08-2B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHZ5	24.08.06	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-11	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-15	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-18	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	14, AF. Peters	Ec165	01.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	Ob07-2	07.11.07	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	50, AF. Peters	TOR08-15B	29.06.08	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	54, AF. Peters	HAS08-4C	30.05.08	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHZ17	24.08.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHZ35	30.08.07	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHZ6	24.08.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	(Ec)PHZ8	24.08.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	56, AF. Peters	EcPH10-186	15.07.10	Sheltered	B	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-10	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-12	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-13	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-5	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-6	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	59,	EcQB10-9	31.07.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	Ob07-12C	07.11.07	Sheltered	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	Ob07-13C	07.11.07	Sheltered	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	Ob07-7	07.11.07	Sheltered	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	SAM08-1B	07.06.08	Sheltered	None	MCP - qPCR
<i>Ectocarpus fasciculatus</i>	NA	36, AF. Peters	SAM08-6C	07.06.08	Sheltered	None	MCP - qPCR

<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-64	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-65	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-67	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-68	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-69	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-70	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-75	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-77	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-78	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-79	14.06.10	Exposed	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	14, AF. Peters	Ec721	01.03.06	Exposed	None	MCP - qPCR
<i>Ectocarpus siliculosus</i>	NA	32, AF. Peters	WIC08-14C	12.06.08	Exposed	None	MCP - qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-80	14.06.10	Exposed	None	MCP - qPCR
<i>Ectocarpus siliculosus</i>	NA	47, AF. Peters	W009	04.12.04	Exposed	None	MCP - qPCR
<i>Ectocarpus siliculosus</i>	NA	52, AF. Peters	GOS2b	28.05.08	Exposed	None	MCP - qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-1	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-3	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	50, AF. Peters	TOR08-10A	29.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	50, AF. Peters	TOR08-14C	29.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	52, AF. Peters	GOS7b	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	53, AF. Peters	LH08-1B	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	53, AF. Peters	LH10b	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-17B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-21A	30.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-22A	30.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-5A	30.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec669	12.08.06	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-171	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-9	28.04.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-107	06.06.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-16	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-37	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-41	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2B-8	25.01.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-18	28.05.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-205	13.08.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-8	28.05.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec278	08.03.06	Sheltered	A*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	40, AF. Peters	BUT08-12B	02.06.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	31, AF. Peters	SKY08-13C	14.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	SAM08-9C	07.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	SAM4	07.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-13	14.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-15	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-16	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-19	13.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-27	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-40	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	46, AF. Peters	EcQAB10-46	13.06.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	50, AF. Peters	TOR08-9C	29.06.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	52, AF. Peters	GOS08-14B	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	52, AF. Peters	GOS08-8C	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	52, AF. Peters	GOS08-9A	28.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	53, AF. Peters	LH12c	28.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	53, AF. Peters	LH2b	28.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	53, AF. Peters	LH9c	28.05.08	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-11B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-12B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-13C	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-14B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-15A	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-16A	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-18B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-19B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-20A	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-6A	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-7A	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-8B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS08-9B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	54, AF. Peters	HAS12B	30.05.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	(Ec)PHS2	26.11.07	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec487	16.08.04	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec673	27.09.07	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec730	21.08.09	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec731	21.08.09	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	Ec732	21.08.09	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-127	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-128	04.07.10	Sheltered	B	MCP + qPCR

<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-129	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-132	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-134	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-139	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-173	04.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH10-292	12.08.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-100	06.06.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-108	06.06.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-115	03.07.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-116	03.07.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-117	03.07.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-118	03.07.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-4	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-40	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-47	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-48	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-50	26.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2A-52	26.01.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2B-15	25.01.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2B-19	25.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#2B-41	25.01.11	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#5-17	21.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#5-25	21.01.11	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#5-30	21.01.11	Sheltered	A*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	56, AF. Peters	EcPH11-s#5-33	21.01.11	Sheltered	A*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	Ec539	24.05.05	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-10	28.05.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-17	28.05.10	Sheltered	B*	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	55, AF. Peters	EcTH10-176	13.08.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	59,	EcQB10-21	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	59,	EcQB10-22	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	59,	EcQB10-23	31.07.10	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	NA	(Ec)BIOCEAN	28.03.08	Sheltered	A+B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec201	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec202	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec246	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec266	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec267	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec269	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec270	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec274	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec283	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec284	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec285	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec289	08.03.06	Sheltered	Unknown	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec290	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	12, AF. Peters	Ec291	08.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec294	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec295	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec296	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec297	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec298	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	EC298	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec299	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec300	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec302	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec304	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec305	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec306	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	13, AF. Peters	Ec307	06.03.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec147	28.02.06	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec150	28.02.06	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec151	28.02.06	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec153	28.02.06	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec154	28.02.06	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	16, AF. Peters	Ec155	28.02.06	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	Ob07-10A	07.11.07	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	Ob07-15A	07.11.07	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	Ob07-4	07.11.07	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	36, AF. Peters	SAM08-5A	07.06.08	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	43, AF. Peters	RHOS08-12C	20.06.08	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-18	14.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-22	14.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-23	14.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-26	14.06.10	Sheltered	B	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-28	14.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-30	14.06.10	Sheltered	A	MCP + qPCR
<i>Ectocarpus siliculosus</i>	NA	44, AF. Peters	REP10-32	14.06.10	Sheltered	A	MCP + qPCR

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

<i>Saccharina latissima</i>	G	56, AF. Peters	SlatPH10-21	07.11.10	Sheltered	Unknown	MCP -
<i>Saccharina latissima</i>	G	56, AF. Peters	SlatPH10-22	07.11.10	Sheltered	Unknown	MCP -
<i>Saccharina latissima</i>	G	56, AF. Peters	SlatPH10-23	07.11.10	Sheltered	Unknown	MCP -
<i>Saccharina latissima</i>	G	56, AF. Peters	SlatPH10-24	07.11.10	Sheltered	Unknown	MCP -
<i>Ectocarpus</i> sp.	NA	24, Müller et al	NA	1995-1997	NA	-	Gp-1 260 + 45 -
<i>Ectocarpus</i> sp.	NA	74, Müller et al	NA	1995-1997	NA	-	Gp-1 230 + 35 -
<i>Ectocarpus siliculosus</i>	NA	10, Sengco et al	Sam120	1988	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	25, Sengco et al	PuySp	1985	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	25, Sengco et al	PuyZ9	1985	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	66, Sengco et al	Cph40a	1979	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	66, Sengco et al	Cph40-1	1979	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	71, Sengco et al	NapEA	1965	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAF28	1993	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	2, Sengco et al	NFL31-K1	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	57, Sengco et al	Ros70Z-35	1970	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	18, Sengco et al	Coq6a	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	23, Sengco et al	CH19a	1984	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	100, Sengco et al	Jap16-Z10	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic11a2	1988	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic12-1	1988	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen2a	1975	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen4a	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen5a	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen9d	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen10b	1975	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	3, Sengco et al	Pen15a	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	5, Sengco et al	Bft23a	1978	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	4, Sengco et al	Wil11a	1978	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	6, Sengco et al	Tam2b	1978	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	7, Sengco et al	Par10n	1978	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	7, Sengco et al	Par27a	1978	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	106, Sengco et al	NZ4a3	NA	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	106, Sengco et al	NZ15-d2	NA	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic1a8	1977	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic7b	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	63, Sengco et al	Tro2b	1978	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	64,	Ber42	1977	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	64,	Ber21	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	62,	VF01	1971	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	71, Sengco et al	NapR-B1	1959	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	71, Sengco et al	NapD-A2	1965	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	71, Sengco et al	Nap70	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	71, Sengco et al	Nap84	1975	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	1, Sengco et al	GroG30	1973	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	Irish Sea, Sengco et al	MorC	1970	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	Irish Sea, Sengco et al	BHI689	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	English Channel	1983,LH2	1983	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	67,	Syl1a	1978	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	68,	Hel34-1	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	57, Sengco et al	Ros23-7	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	65, Sengco et al	Grh6c	1979	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	65, Sengco et al	Kal1c	1979	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	65, Sengco et al	Ska21b	1979	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	70, Sengco et al	Sp1	1960	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	73, Sengco et al	CI17-2	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	73, Sengco et al	CI44-1	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	73, Sengco et al	CI104-1	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	81, Sengco et al	SAf91-1	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAf25-1	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAf26-1	1993	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAf31-1	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAf32-1	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	87, Sengco et al	SAf33-1	1993	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	90, Sengco et al	SAf49-1	NA	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	9, Sengco et al	SF19a	1977	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	8, Sengco et al	SBML3a	1977	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	8, Sengco et al	SBML4a	1977	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	8, Sengco et al	SBML7-1	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	21, Sengco et al	RC32-4	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	21, Sengco et al	RC33-1	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	21, Sengco et al	RC61-5	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	27, Sengco et al	SAm76-1	1989	NA	-	Gp-1 +

<i>Ectocarpus siliculosus</i>	NA	28, Sengco et al	SAm81-1	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	28, Sengco et al	SAm86-a1	1989	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	28, Sengco et al	SAm111	1989	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	29, Sengco et al	SAm99-1	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	29, Sengco et al	SAm100-1	1989	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	29, Sengco et al	SAm109-1	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	30, Sengco et al	SAm117-1	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	30, Sengco et al	SAm117-4	1989	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	100, Sengco et al	Jap19	1989	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	94 P., Sengco et al	Jap91-5	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	94 P., Sengco et al	Jap91-6	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	94 P., Sengco et al	Jap91-7	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	94 P., Sengco et al	Jap91-8	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	92 P., Sengco et al	Jap91-12	1991	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	92 P., Sengco et al	Jap91-13	1991	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	95, Sengco et al	Jap55-1	1993	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic88-19-5	1988	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	104, Sengco et al	Vic88-20-1	1988	NA	-	Gp-1 +
<i>Ectocarpus fasciculatus</i>	NA	22, Sengco et al	CH92Nie	1992	NA	-	Gp-1 +
<i>Ectocarpus fasciculatus</i>	NA	57, Sengco et al	RUZ7	1970	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	57, Sengco et al	Ros90-2	1990	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	68, Sengco et al	HelIII	1960	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	68, Sengco et al	Hel3-2	1977	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	68, Sengco et al	Hel31-1	1977	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	69, Sengco et al	Wer	NA	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	57, Sengco et al	Ros93-7-1	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	57, Sengco et al	Ros93-29-3	1993	NA	-	Gp-1 -
<i>Ectocarpus siliculosus</i>	NA	57, Sengco et al	Ros93-32-1	1993	NA	-	Gp-1 +
<i>Ectocarpus siliculosus</i>	NA	73, Sengco et al	CI135-1	1993	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	73, Sengco et al	CI146-1	1993	NA	-	Gp-1 +
<i>Ectocarpus fasciculatus</i>	NA	4, Sengco et al	Wil1a	1978	NA	-	Gp-1 +
<i>Ectocarpus fasciculatus</i>	NA	81, Sengco et al	SAf10-1	1993	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	26, Sengco et al	Esta	1988	NA	-	Gp-1 -
<i>Ectocarpus fasciculatus</i>	NA	21, Sengco et al	SC42-3	1991	NA	-	Gp-1 -

Table S2. Summary of phaeoviral infections detected with PCR in kelp sporophytes, kelp gametophytes, and Ectocarpales. See Table S1 for site names key and full sample details. Includes data from this study and previous studies (Mceown et al. 2017; Müller et al. 2000; Sengco et al. 1996).

Host species	Subgroup A	Subgroup B	Subgroup C	Unknown subgroup	Subgroup not tested	Not infected	Total hosts sampled	Total hosts infected	Sites
<i>Ecklonia cava</i>	0	0	0	0	0	2	2	0	96, 98
<i>Ecklonia kurome</i>	0	0	0	0	0	5	5	0	93, 97
<i>Ecklonia maxima</i>	0	0	0	4	0	12	16	4	77, 79, 80, 82-84
<i>Ecklonia radiata</i>	0	0	0	5	0	15	20	5	76, 84-86, 88, 89, 101-103, 105
<i>Ecklonia stolonifera</i>	0	0	0	0	0	1	1	0	99
<i>Ectocarpus crowaniorum</i>	163	52	0	23	0	49	235	186	31-35, 37, 40-43, 47, 50-56, 58, 62
<i>Ectocarpus fasciculatus</i>	49	46	0	28	3	121	219	98	4, 13, 14, 17, 19, 21, 22, 26, 32-34, 36, 38-52, 54-57, 59, 68, 73, 81
<i>Ectocarpus siliculosus</i>	232	107	0	56	42	216	555	339	1-19, 21, 23, 25, 27-33, 36, 40, 43, 44, 46, 47, 50, 52-57, 59-71, 73, 81, 87, 90, 92, 94, 95, 100, 104, 106
<i>Ectocarpus</i> sp.	4	6	0	2	490	84	579	502	24, 34, 36, 39, 40, 46, 53, 74
<i>Kuckuckia</i> sp.	0	0	0	1	0	0	1	0	14
<i>Laminaria digitata</i>	0	0	14	11	0	38	63	25	46, 56
<i>Laminaria hyperborea</i>	0	0	5	0	0	9	14	5	46, 56
<i>Laminaria ochroleuca</i>	0	0	0	0	0	16	16	0	46, 72
<i>Laminaria pallida</i>	0	0	0	0	0	16	16	0	75, 77-80, 82, 83
<i>Lessonia spicata</i>	0	0	0	0	0	5	5	0	20
<i>Macrocystis pyrifera</i>	0	0	1	0	0	4	5	1	20
<i>Saccharina japonica</i>	0	0	0	0	0	5	5	0	91
<i>Saccharina latissima</i>	0	0	7	4	0	28	39	11	46, 56
<i>Undaria pinnatifida</i>	0	0	0	5	0	0	5	5	91

Table S3. GenBank accession numbers of capsid protein sequences from other *Phycodnaviridae* and *Mimiviridae*.

Name	GenBank Accession
Acanthamoeba polyphaga mimivirus	YP_003986929
Acanthamoeba turfacea chlorella virus 1	ABT16414
Acanthamoeba turfacea chlorella virus MN0810	AGE55620
Acanthamoeba turfacea chlorella virus NTS-1	AGE57625
Bathycoccus species virus 1	YP_004061587
Bathycoccus species virus 1	ADQ91330
Cafeteria roenbergensis virus	YP_003969975
Chryochromulina ericina virus 01B	A7U6E7
Ectocarpus fasciculatus 1	HG003334
Ectocarpus siliculosus 1	HG003333
Ectocarpus siliculosus provirus	CBN80416
Ectocarpus siliculosus virus 1	NP_077601
Emiliana huxleyi virus 86	YP_293839.2
Feldmannia irregularis 1	HG003338
Feldmannia irregularis 2	HG003339
Feldmannia irregularis virus 1	AAR26925
Feldmannia simplex 1	HG003340
Feldmannia simplex 2	HG003341
Feldmannia simplex 3	HG003342
Feldmannia simplex 8	HG003337
Feldmannia species virus 158	YP_002154681
Fowlpox virus	AAZ14082
Heterosigma akashiwo virus 01	AOM63514
Megavirus chilensis	YP_004894515
Megavirus courdo11	AFX92519
Micromonas pusilla virus SP1	AET84889
Moumouvirus goulette	AGF85360
Myriotrichia clavaeformis 2	HG003343
Organic lake phycodnavirus 1	ADX05938
Organic lake phycodnavirus 2	ADX06358
Ostreococcus tauri virus 1	YP_003212988
Ostreococcus tauri virus 2	YP_004063587
Ostreococcus tauri virus 5	YP_001648266
Paramecium bursaria Chlorella virus 1	AAA88828
Paramecium bursaria Chlorella virus AR158	ABU44077
Paramecium bursaria Chlorella virus CVK2	BAA35143
Paramecium bursaria Chlorella virus NY2A	ABT14984
Phaeocystis globosa virus	AET73005
Pylaiella littoralis 1	HG003336
Saccharina japonica 1921	JXRI01001921 (Whole genome shotgun, WGS)
Saccharina japonica 145	JXRI01000145 (Whole genome shotgun, WGS)
Saccharina japonica 271	JXRI01000271 (Whole genome shotgun, WGS)
Yellowstone lake phycodnavirus 1	YP_009174754
Yellowstone lake phycodnavirus 2	YP_009174565
Yellowstone lake phycodnavirus 3	YP_009174294

