

Appendix:

Table 1: Strain types and source

FH No.	Old No.	Seq	Name	Lineage	Group	Source
F463	PacheeD4	[FTP], FITSP	Dilabifilum complex sp.	Chlorophyta	incertae sedis	Gordon River mouth, 2 Jul 2011, in barnacle
F464	PacheeD3	FTP, FITSP	Dilabifilum complex sp.	Chlorophyta	incertae sedis	Gordon River mouth, 2 Jul 2011, in barnacle
F540	AnaBarnPil D3A5/D3	FITSP, FITS1P	Dilabifilum complex sp.	Chlorophyta	incertae sedis	Ship Harbor, Anacortes, March 2011, in barnacles (piling)
F468	SandB B6a	FTP	Phaeophila sp.	Chlorophyta	Ulvaes	Sandwich Beach, MA, 14May11, in hard clam
F674	MBARI barn B3/C6	FITS1P	Ulva sp.	Chlorophyta	Ulvaes	Moss Landing, California, 11Jan12, in/on barnacle
F188	Acro xHS15	FITSP	Ulvella sp.	Chlorophyta	Ulvaes	Hale`iwa
F189	C2A	FITSP, FITS1P	Ulvella sp.	Chlorophyta	Ulvaes	Hale`iwa 11Jan.09; coral rock
F190	C3A1	FITSP, FITS1P	Ulvella sp.	Chlorophyta	Ulvaes	Hale`iwa 11Jan.09; coral rock
F193	nK D3/D5	FITSP	Ulvella sp.	Chlorophyta	Ulvaes	NELHA, on coral rubble
F388	FB Barnlo A1b	FITSP, FITS1P	Ulvella sp.	Chlorophyta	Ulvaes	False Bay, mouth, in barnacle
F408	KAC5 C5	FITSP	Ulvella sp.	Chlorophyta	Ulvaes	Ali`i Cove, 2Dec.10
F442	Revere B3	FITSP	Ulvella sp.	Chlorophyta	Ulvaes	Revere Beach, MA, 15Apr11, drift, in Crepidula shell
F446	Revere B6	FITSP	Ulvella sp.	Chlorophyta	Ulvaes	Revere Beach, MA, 15Apr11, drift, on Littorina shell

F514	HSL33-C4a	FITS1P	Ulvella sp.	Chlorophyta	Ulvales	`Au`au Channel, Maui, Hawaii, 100 m depth, on <i>Leptoseris</i> coral
F550	HSL36P-D6	FTP	Ulvella sp.	Chlorophyta	Ulvales	`Au`au Channel, Maui, Hawaii, 100 m depth, on <i>Leptoseris</i> coral
F558	HSL46-D1	FTP	Ulvella sp.	Chlorophyta	Ulvales	`Au`au Channel, Maui, HI, 85 m depth, on <i>Leptoseris</i> coral
F601	LeleA B2	FITS1P	Ulvella sp.	Chlorophyta	Ulvales	Lele`iwi Street, Hilo, Hawaii, 4Nov11
F646	MBARI clam D6	[FITS1P]	Ulvella sp.	Chlorophyta	Ulvales	Moss Landing, California, 11Jan12, in clam
F649	8t alga D5	FITS1P	unidentified golden alga	incertae sedis	incertae sedis	Royal Kona Resort lagoon, Kailua-Kona, HI, 25Oct11