

(a)

		20		40		60		80		100			
<i>A. thaliana</i>	AAAACGACUCUCGGCAA	CGCAUAUCU	GGGU	CUCGCAU	CGAUGAAGA	ACCUAGCGAA	AUGCGAUACU	UGGUGUGAAU	UGCAGAAU	CCGUGAACCAUCGAGU			
<i>C. corallina</i>	UGUAGACACUCUCGGCAA	CGCAUAUCU	UGGCU	CUCGCAU	CGAUGAAGA	CCGAGCGAA	AUGCGAUACU	GAAUGUGAAU	UGCAGAAU	CCGUGAACCAUCGAGU			
	A	ACUCUCGGCAA	CG	AUAUCU	GGC	CUCGCA	CGAUGAAGA	CG	AGCGAA	AUGCGAUACU	UGUGAAU	UGCAGAAU	CCGUGAACCAUCGAGU

		120		140		160						
<i>A. thaliana</i>	CUUUAACGCA	AGU	GGCGCC	AAG	CCUUCUG	CCGAGGGC	ACGU	UGCCUGG	UGUCACAA			
<i>C. corallina</i>	CUUUAACGCA	AGU	GGCGCC	AAG	CCUUCUG	CCGAGGGC	ACGU	UGCCUGG	UGUCACAA			
	C	UUGAACGCA	GU	GCGCCC	AAG	CUUCUG	CCGAGGGC	ACG	C	GCCUG	G	UCA

(b)

		20		40		60		80		100																		
<i>A. thaliana</i>	---	AUGUGGUC	CCU	---CACC	UCCU	UUC	---	UGAUGG	GGG	CGG	AAG	---	UGGUG	UCCG	UGUG	---	UACCG	CAC	GGG	UUG	GGCU	AAU	UCC	GAG				
<i>C. corallina</i>	GAUUG	CUAC	GAC	CU	CAG	CAC	CU	UCC	GUU	CGG	CAG	UG	UG	GG	CG	---	UGGUG	UCCG	UGUG	---	UACCG	CAC	GGG	UUG	GGCU	AAU	UCC	GAG
		UC		C	C	CACC	UCC	UU	C		UG	UG	GG	CG		C	UGG	UCCC	G		UU	G	CG	G	U	GCCU	AAU	GA

		120		140		160		180		200																				
<i>A. thaliana</i>	---	CCAGG	AG	GGG	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC	UCC		
<i>C. corallina</i>	GGGAA	UUG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG	AG		
		AG	C		GAGCG	CC		G	G	G	A		UG	U	C	UU	C	U		C	GU	G	U		UCC	G	A	C	GU	UG

		220		240		260		280		300
<i>A. thaliana</i>	AGUC	CAUA	U	---	---	---	---	---	---	---
<i>C. corallina</i>	GGUC	UUG	GU	U	UCC	CU	AA	AA	AA	AA
	GUC		U							

		320		340
<i>A. thaliana</i>	---	---	---	---
<i>C. corallina</i>	GGUG	UGG	CCU	CG

Figure S7. Alignment of 5.8S rRNA and ITS2 sequences of *A. thaliana* and *C. corallina*. (a) Alignment of 5.8S rRNA sequences. (b) Alignment of ITS2 sequences.