

Table S2. Taxonomic position of sequenced synechococcoid strains. Strains, in which the specific identification was not confirmed, are designated by “sp.” in the need of further revision.

genus	strain	reference strain	species
Gloeobacter Rippka et al. 1974	PCC 7421	+	violaceus
	PCC 8105		violaceus
Cyanobium Rippka et Cohen-Bazire 1983	PCC 6307	+	gracile
	CB 0101		sp.
	PCC 6904		sp.
	PCC 7001		sp.
	PCC 7918		sp.
	RCC 307		sp.
	WH 8102		sp.
Parasynechococcus Coutinho et al. 2016 (validation)	CC 9311	+	sp.
	PCC 7009		sp.
	WH 7803		sp.
	WH 5701		marenigrum
Picosynechococcus gen. novum	FG-1	+	fontinalis
	CCMP 1630		sp.
	L21-BG-1		sp.
	NK BG 042092		sp.
	NK BG 150416		sp.
	PCC 7002		sp.
	PCC 7117		fontinalis
Prochlorococcus Chisholm et al. 1992	CCMP 1375	+	marinus
	CCMP 1378		marinus
	MIT 0801		marinus
	MIT 9215		marinus
	MIT 9301		marinus
	MIT 9303		marinus
	MIT 9312		marinus
	MIT 9313		marinus
	NATL 2A		sp.
Synechococcus Nägelı 1849	BD 1	+	sp.
	CENA 126		sp.
	PCC 6301		elongatus
	PCC 6311		nidulans
	PCC 6908		sp.
	PCC 7942		elongatus
	PCC 7943		sp.
	UTEX 2973		sp.
Thermostichus gen. novum	CR L35	+	sp.
	JA 33A		vulcanus?
	JA 23B		vulcanus?
	TS - 91		sp.
	RUP-VU-1		vulcanus
Thermosynechococcus Katoh et al. 2001 (validation)	BP 1 (NIES 2133)	+	elongatus
	CCALA 187		vestitus
	NIES 2134		vestitus
	NK 55		vestitus