

SUPPLEMENTAL TABLE S3. Primer information and PCR settings used by the Stenroos lab for this project. Primers and PCR protocols used by the Lutzoni lab for this project can be found in Lutzoni et al. (2004) and Hofstetter et al. (2007).

Loci/PCR info	nucSSU	nucLSU	mitSSU	<i>RPB1</i> (A-C)
PCR primers	nu-SSU-0021-5' ¹	LR0R ³	mtSSU1-KL ⁶	gRPB1-Af ⁷
	nu-SSU-0072-5', NS17UCB ^{1,2}	LR5 ⁴	mtSSU2-KL ⁶	fRPB1-Cr ⁸
	nu-SSU-0819-5', NS21UCB ^{1,2}	LR7 ⁴		
	nu-SSU-0852-3', NS20UCB ^{1,2}			
	nu-SSU-1750-3', NS24UCB ^{1,2}			
Additional sequencing primers	nu-SSU-0402-5', NS19UCB ^{1,2}	nu-LSU-362-5' ⁵	–	–
	nu-SSU-0497-3', NS18UCB ^{1,2}	nu-LSU-401-3' ⁵		
	nu-SSU-1203-5', NS23UCB ^{1,2}			
	nu-SSU-1293-3', NS22UCB ^{1,2}			
Initial denaturation	95°C 5 min.	95°C 5 min.	95°C 5 min.	95°C 5 min.
Phase 1	5 cycles	5 cycles	5 cycles	5 cycles
	95°C 30 sek.	95°C 30 sek.	95°C 30 sek.	95°C 30 sek.
	55°C 30 sek.	55°C 30 sek.	52°C 30 sek.	54°C 30 sek.
	72°C 1 min.	72°C 1 min.	72°C 1 min.	72°C 1 min.
Phase 2	30 cycles	30 cycles	30 cycles	30 or 35 cycles
	95°C 30 sek.	95°C 30 sek.	95°C 30 sek.	95°C 30 sek.
	53°C 30 sek.	53°C 30 sek.	50°C 30 sek.	52°C 30 sek.
	72°C 1 min.	72°C 1 min.	72°C 1 min.	72°C 1 min.
Final extension	72°C 7 min.	72°C 7 min.	72°C 7 min.	72°C 7 min.

¹ Gargas and DePriest (1996); ² Gargas and Taylor (1992); ³ Vilgalys website (<http://biology.duke.edu/fungi/mycolab/primers.htm>); ⁴ Vilgalys and Hester (1990); ⁵ Döring et al. (2000); ⁶ Lohtander et al. (2002); ⁷ Stiller and Hall (1997); ⁸ Matheny et al. (2002).

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