

Marker	Primer	Direction	Sequence (5'→3')	Annealing temperature (°C)	Reference
Mycobiont					
ITS	ITS4	Forward	TCCTCCGCTTATTGATATGC	55-60	[68]
	ITS5	Reverse	GGAAGTAAAAGTCGTAACAAGG		
LSU	LROR	Forward	ACCCGCTGAACTTAAGC	55-60	[67]
	LR5	Forward	ATCCTGAGGGAAACTTC		
nu-LSU-155-5		Reverse	GGGTCCGAGTTGTAATTTGT	52	[57]
	mrSSU1	Forward	AGCAGTGAGGAATATTGGTC'		
MtSSU	mrSSU3R	Reverse	ATGTGGCACGTCTATAGCCC	56	[69]
	gRPB1-A	Forward	GA(G/T)TGTCC(T/G)GG(A/T)CATTTTG G		
RPB1	fRPB-C	Revers	C(A/C/G/T)GC(A/T/G)AT(A/C/G/T)TC(A /G)TT(A/G)TCCAT(A/G)TA	55-50 (Touch down)	[60]
	RPB1-HETER-F	Forward	CGGACCCATATCAAGCTGTT		
RPB1-HETER-R		Reverse	TGTCGCTACGTGAAATTGGA	This study	
	RPB1-Rh-F	Forward	GCTTCATGACCAAAATCAAG		
RPB1-Rh-R		Reverse	GAAACTGCAGTAGTTGTTCG		
	Photobiont				
ITS	nr-SSU-1780-59	Forward	CTGCGGAAGGATCATTGATTC	50	[63]
	nr-LSU-0012-39	Reverse	AGTTCAGCGGGTGGTCTTG		
AL1500bf		Forward	GATGCATTCAACGAGCCTA	54	[59]
	LR3	Reverse	ACCTGCGGAAGGATCATT		
a-ch-rbcL-203 (f)		Forward	GAATCWTCWACWGGWACTTGGAC WAC	50	[61]
	a-ch-rbcL-991(r)	Reverse	CCTTCTARTTTACWACAAC		
PRASFII		Forward	ATGGTTCCACAAACAGAAAC	47	[62]
	PRASR2	Reverse	CAGTGAAACCACCAGTTAAATAG		
CV1		Forward	TACCTGGTTGATCCTGCCAGTAG	55	[64]
	CV2	Reverse	CCAATCCCTAGTCGGCATCGT		
SSU	a(treb)-nu-SSU-0078-5'-mpn	Forward	CATGTCTAAGTATAAACTGCT	50	[56]
	a(treb)-nu-SSU-0803-3'-mpn	Reverse	TAGGCCAGAGTCCTATCGTGTTAT		

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