Supplemental Table 1. Details of isolates and DNA sequences used for the construction of strict consensus sequences for each *Sclerotinia* species for phylogenetic analysis of *S. minor* isolates obtained from pyrethrum flowers in Australia.

Species	Isolate Reference	Location	GenBank Accession	References
Sclerotinia borealis	MAFF241367	Japan	AB516660	Uzuhashi et al. (2010)
S. glacialis		Norway	Z99669	Holst-Jensen et al. (1998)
S. minor	MAFF238173	Japan	AB516661	Uzuhashi et al. (2010)
	MAFF744020	Japan	AB516662	Uzuhashi et al. (2010)
	240	NE, USA	AY195574	Unpublished
	16617	Italy	JF908783	Osmundson et al. (2013)
	A1	China	KC836493	Lyu et al. (2014)
	S2	China	KC836494	Lyu et al. (2014)
		Norway	Z99673	Holst-Jensen et al. (1998)
S. nivalis	MAFF 241343	Japan	AB516670	Uzuhashi et al. (2010)
	SsSn-24	China	JN415129	Fan et al. (2012)
	Let-19	China	JN415131	Fan et al. (2012)
	SN1	China	JX294862	Zhou et al. (2012)
	SY-2	China	JX424615	Fu et al. (2012)
	SY-1	China	JX206828	Fu et al. (2012)
	KACC 45150	Korea	HM746662	Lee et al. (2010)
	KACC 45151	Korea	HM746663	Lee et al. (2010)
	KACC 45152	Korea	HM746664	Lee et al. (2010)
S. sclerotiorum	MAFF 306676	Japan	AB233346	Umemoto et al. (2007)
	020501	Japan	AB269903	Umemoto et al. (2007)
	MAFF 306236	Japan	AB516663	Uzuhashi et al. (2010)
	borage1	Japan	AB607227	Unpublished
		Japan	AB626883	Unpublished

F0675	Japan	AB693927	Unpublished
wb560	Austria	AF455413	Buzina et al. (2003)
wb419	Austria	AF455439	Buzina et al. (2003)
wb379	Austria	AF455456	Buzina et al. (2003)
wb203	Austria	AF455523	Buzina et al. (2003)
wb197	Austria	AF455526	Buzina et al. (2003)
JRS152	NE, USA	AY187066	Unpublished
35	NC, USA	DQ059577	Ristaino et al. (2007)
IasaF12	Germany	DQ117969	Steiner et al. (2006)
B23	AK, USA	DQ329537	Winton et al. (2006)
B25	AK, USA	DQ329538	Winton et al. (2006)
2005 L50	AK, USA	EF091806	Winton et al. (2006)
5005 F07	AK, USA	EF091807	Winton et al. (2006)
2005 V16	AK, USA	EF091808	Winton et al. (2006)
2005 G05	AK, USA	EF091809	Winton et al. (2006)
DSM1946	Germany	EF110889	Hirschhauser & Frohlich (2007)
3Scl	Italy	EU627005	Garibaldi et al. (2008b)
-	Italy	EU660219	Garibaldi et al. (2008a)
05WM33	CA, USA	EU082466	Njambere et al. (2008)
ATCC MYA-4521	WA, USA	FJ810516	Unpublished
EFA 1	Spain	FJ959099	Unpublished
DB 090720091	Italy	GQ375746	Garibaldi et al. (2009)
Ep-1PB	China	GQ404793	Unpublished
Ep-1PK	China	GQ404794	Unpublished
AM-11	Brazil	GU229800	Gomes et al. (2011)
AM-19	Brazil	GU229801	Gomes et al. (2011)
AM-20	Brazil	GU229804	Gomes et al. (2011)
SS_8	India	HM769807	Mandal & Dubey (2012)
SS_11	India	HM769808	Mandal & Dubey (2012)

SS_12	India	HM769809	Mandal & Dubey (2012)
SS_16	India	HM769811	Mandal & Dubey (2012)
SS_21	India	HM769812	Mandal & Dubey (2012)
SS_24	India	HM769815	Mandal & Dubey (2012)
ms81	China	HQ833446	Unpublished
ms82	China	HQ833447	Unpublished
ms83	China	HQ833448	Unpublished
ms84	China	HQ833449	Unpublished
ms85	China	HQ833450	Unpublished
HAY30	China	HQ846942	Zhu et al. (2011)
INTA-IMC87	Argentina	JF277567	Perez et al. (2011)
16110	Italy	JF908782	Osmundson et al. (2013)
XJSHZ-1	China	JN012605	Ding et al. (2012)
XJSHZ-3	China	JN012606	Ding et al. (2012)
-	Italy	JN013184	Garibaldi et al. (2011)
PG5	India	JN093300	Unpublished
ATCC 46762	Australia	JQ070089	Wong & Willetts (1975)
CPC 19039	Vietnam	JQ618848	Trinh et al. (2012)
BCRC34831	Taiwan	JQ653935	Shen et al. (2012)
DS310712	Italy	JX442064	Unpublished
ATCC 46762	Australia	JX648201	Naumann & Wicklow (2013)
SS-NCIPM-1	India	JX839987	Unpublished
KR1121_1	Switzerland	KC311494	Unpublished
CanSS-QM1	China	KC748491	Unpublished
DB1301101	Italy	KC848769	Garibaldi et al. (2013)
1	Chile	KF148604	Ferrada et al. (2014)
2	Chile	KF148605	Ferrada et al. (2014)
3	Chile	KF148606	Ferrada et al. (2014)

	4	Chile	KF148607	Ferrada et al. (2014)
	5	Chile	KF148608	Ferrada et al. (2014)
	6	Chile	KF148609	Ferrada et al. (2014)
	SCEITSA	Unknown	M96382	Morales et al. (1993)
		Norway	Z73799	Holst-Jensen et al. (1998)
S. subarctica		United Kingdom	GU018183	Clarkson et al. (2010)
S. tetraspora		Norway	Z99670	Holst-Jensen et al. (1998)
		Norway	Z99671	Holst-Jensen et al. (1998)
		Norway	Z99671	Holst-Jensen et al. (1998)
S. trifoliorum	MAFF305210	Japan	AB516664	Uzuhashi et al. (2010)
	JRS260	NE, USA	AY187070	Unpublished
	JRS227	NE, USA	AY187068	Unpublished
	JRS339	NE, USA	AY187076	Unpublished
	404	NE, USA	AY187080	Unpublished
	K-1	Finland	DQ904361	Yli-Mattila et al. (2010)
	J-2	Finland	DQ904362	Yli-Mattila et al. (2010)
	NJ1	China	AY547267	Unpublished
	05WM6	WA, USA	EU082464	Njambere et al. (2008)
	05WM21	WA, USA	EU082465	Njambere et al. (2008)
	St0211TA	Poland	JQ743329	Baturo-Ciesniewska et al. (2013)
	UB103	NY, USA	U01218	Unpublished
	LMK47	Norway	Z99676	Holst-Jensen et al. (1998)
Monilinia fructicola	P169	Italy	FJ411109	Pellegrino et al. (2009)

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