

USDA-APHIS-PPQ-S&T- BELTSVILLE LABORATORY
IDPHY: MOLECULAR AND MORPHOLOGICAL IDENTIFICATION OF *PHYTOPHTHORA*
SOP-PID-05.04 MOLECULAR

ITS and COI accession numbers for *Phytophthora* species in clade 6

SPECIES NAME, YEAR	ITS CLADE	TYPE	ISOLATE CODE	ITS rDNA	COI
<i>P. balyanboodja</i> (2018)	6a	ET	VHS25675 R1C , CPHST BL 186 (VHSC 25675)	KJ372258	MH477741
<i>P. condilina</i> (2018)	6a	ET	CBS 115029, CPHST BL 184 (VH25244)	KJ372262	MH477744
<i>P. cooljalroo</i> (2018)	6a	ET	CLJO100, CPHST BL 185 (CLJO100)	HQ012957	MH477745
<i>P. gemini</i> (2011)	6a	ET	P15880 (WPC)	HQ261693	HQ261440
<i>P. humicola</i> (1985)	6a	ET	CPHST BL 42G (P3826)	MK496519	MK493476
<i>P. inundata</i> (2003)	6a	PT1	CPHST BL 20 (P8479)	MG865516	MH136910
<i>P. kwongonina</i> (2018)	6a	ET	VH23298, CPHST BL 187 (VH23298)	JN547636	MH477747
<i>P. pseudorosacearum</i> (2018)	6a	ET	VHS29592, CPHST BL 188 (VH29592)	KJ372267	MH477757
<i>P. rosacearum</i> (2009)	6a	ET	OSU52, CPHST BL 53 (P3112)	EU925376	MH477758
<i>P. amnicola</i> (2012)	6b	ET	DH228, CPHST BL 100 (P19862)	JQ029956	MH477740
<i>P. bilorbang</i> (2012)	6b	ET	CBS 161653 , CPHST BL 101 (P19863)	JQ256377	MH477742
<i>P. borealis</i> (2012)	6b	ET	AKWA58.1-0708, CPHST BL 93 (P19794)	HM004232	MH136854
<i>P. chlamydospora</i> (2015)	6b	ET	CPHST BL 156 (P6133)	MG865471	MH136867
<i>P. crassamura</i> (2015)	6b	ET	CPHST BL 150A (P20138)	MG865481	MK493474
<i>P. fluvialis</i> (2011)	6b	ET	CPHST BL 64 (P19584)	MG865491	MH136887
<i>P. gibbosa</i> (2011)	6b	ET	CPHST BL 65 (P19586)	MG865499	MH136894
<i>P. gonapodyides</i> (1927)	6b	SE1	CPHST BL 66 (P7050)	MG865501	MH136896
<i>P. gregata</i> (2011)	6b	ET	CPHST BL 37 (P19588)	MG865503	MH477746
<i>P. lacustris</i> (2013)	6b	ET	P245, CPHST BL 69 (P10337)	AF266793	MH136916
<i>P. litoralis</i> (2011)	6b	ET	CPHST BL 70 (P19591)	MG865526	MH136921
<i>P. megasperma</i> (1931)	6b	ET	CPHST BL 43 (P6957)	MG865535	MH136930
<i>P. mississippiiae</i> (2013)	6b	ET	CPHST BL 126 (P19994)	MG865542	MH136935
<i>P. moyootj</i> (2014)	6b	ET	VH27218, CPHST BL 182 (VH27218)	KJ372256	MH477750
<i>P. ornamentata</i> (2015)	6b	ET	CPHST BL 152B (P19906)	MG865556	MH136947
<i>P. pinifolia</i> (2008) (3)	6b	ET	CPHST BL 49 (P16100)	MG865566	MH136958
<i>P. riparia</i> (2012)	6b	ET	CPHST BL 111 (P19799)	MG865583	MH136975
<i>P. thermophila</i> (2011)	6b	ET	CPHST BL 77 (P19593)	MG865593	MH136985

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MG865516	MH136910
JN547636	MH477747
KJ372267	MH477757
EU925376	MH477758
JQ029956	MH477740
JQ256377	MH477742
HM004232	MH136854
MG865471	MH136867
MG865481	MK493474
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MG865499	MH136894
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MG865503	MH477746
AF266793	MH136916
MG865526	MH136921
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