

**Supplemental Data for:**

Baumgartner K, Travadon R, Fujiyoshi PT, Mireles M and Moyer M. 2023. Preventing trunk diseases with fungicide applications to pruning wounds in Washington winegrapes. Am J Enol Vitic 74:7. DOI: 10.5344/ajev.2022.22019

**Supplemental Table 1** Identity of *Cytospora* isolates from water-inoculated (control) spurs in the Prosser, Washington vineyard, in comparison to related *Cytospora* previously reported from grape.

Species	Isolate	Origin	Amplification results for qPCR primers CBTF1 and CBTFR1	Curated specimen identified from DNA sequence database BLASTn searches of ITS and TEF sequences	Internal Transcribed Spacer Region (ITS)			Elongation Factor (TEF)			Species reported as pathogenic on grape	Reference citing species' pathogenicity		
					GenBank#	BLASTn results of curated specimen		Gen-Bank#	BLASTn results of curated specimen					
						% Coverage	Number of gaps		% Identity	% Coverage			Number of gaps	% Identity
<i>Cytospora chrysosperma</i>	AD	Isolated from water-inoculated (control), water-treated spur in 2019	-	<i>C. chrysosperma</i> CFCC 89619	OM976605	100	1	99.65	ON012572	100	5	94.96	Yes	Arzanlou and Narmani 2015
<i>Cytospora parakantschavelii</i>	AM	Isolated from water-inoculated (control), water-treated spur in 2019	+	<i>C. parakantschavelii</i> MFLUCC 15-0857	OM976607	97	2	99.64	ON012574	100	1	98.55	Unknown	NA
<i>Cytospora parasitica</i>	WA215	Isolated from water-inoculated (control), pyraclostrobin + fluxapyroxad-treated spur in 2020	+	<i>C. parasitica</i> MFLUCC141055a	OM976611	100	0	100	ON012578	100	1	98.17	Unknown	NA
<i>C. parasitica</i>	AG	Isolated from water-inoculated (control), water-treated spur in 2019	+	<i>C. parasitica</i> MFLUCC141055a	OM976606	98	0	100	ON012573	100	1	98.53	Unknown	NA
<i>C. parasitica</i>	CF	Isolated from water-inoculated (control), water-treated spur in 2019	+	<i>C. parasitica</i> MFLUCC141055a	OM976608	98	0	100	ON012575	100	1	98.53	Unknown	NA
<i>C. parasitica</i>	WA207	Isolated from water-inoculated (control), water-treated spur in 2020	+	<i>C. parasitica</i> MFLUCC141055a	OM976609	100	0	100	ON012576	100	1	98.53	Unknown	NA
<i>Cytospora</i> species 1	Bent902	Isolated from previous survey of Washington vineyards	-	<i>C. chrysosperma</i> CFCC 89619	OM976602	96	1	99.66	ON012569	100	2	94.60	Yes	Travadon et al. 2022
<i>Cytospora</i> species 1	Bent903	Isolated from previous survey of Washington vineyards	+	<i>C. chrysosperma</i> CFCC 89619	OM976603	96	1	99.66	ON012570	100	2	94.60	Yes	Travadon et al. 2022
<i>Cytospora</i> species 2	WA209	Isolated from water-inoculated (control), water-treated spur in 2020	+	<i>C. ulmicola</i> MFLUCC 18-1227	OM976610	100	1	99.33	ON012577	NA	NA	NA	Unknown	NA
<i>Cytospora ulmicola</i>	WA310	Isolated from water-inoculated (control), pyraclostrobin + fluxapyroxad-treated spur in 2021	+	<i>C. ulmicola</i> MFLUCC 18-1227	OM976614	100	0	99.82	ON012581	NA	NA	NA	Unknown	NA
<i>Cytospora vinacea</i>	CBS141585	Isolated from previous survey of New Hampshire vineyards	+	<i>C. vinacea</i> Cyt5	KX256256	100	0	100	KX256277	100	0	100	Yes	Lawrence et al. 2017
<i>Cytospora viticola</i>	Kern504	Isolated from previous survey of California vineyards	+	<i>C. viticola</i> Cyt6	OM976604	72	0	99.76	ON012571	90	0	98.02	Yes	Lawrence et al. 2017
<i>C. viticola</i>	Bent401	Isolated from previous survey of Washington vineyards	+	<i>C. viticola</i> Cyt6	OM976600	70	0	100	ON012567	79	0	99.60	Yes	Lawrence et al. 2017
<i>C. viticola</i>	Bent901	Isolated from previous survey of Washington vineyards	+	<i>C. viticola</i> Cyt6	OM976601	73	0	99.76	ON012568	79	1	98.03	Yes	Lawrence et al. 2017
<i>C. viticola</i>	WA302	Isolated from water-inoculated (control), thiophanate-methyl-treated spur in 2021	+	<i>C. viticola</i> Cyt6	OM976612	73	1	99.76	ON012579	98	0	98.70	Yes	Lawrence et al. 2017
<i>C. viticola</i>	WA305	Isolated from water-inoculated (control), water-treated spur in 2021	+	<i>C. viticola</i> Cyt6	OM976613	73	0	100	ON012580	98	1	96.97	Yes	Lawrence et al. 2017