

**Supporting Information Table S2.** Details of PCR amplification for 16 microsatellite markers for *Dothistroma pini*.

Marker name	Optimum annealing temp (°C)	Reduced MgCl <sub>2</sub> for PCR amplification	Dilution ratio (μl) in fragment analyses	Panel number in fragment analyses	Number of alleles per marker
Doth_A	57	Yes	2/100	1	1
DP-MS1	62	Yes	2/100	1	3
DP-MS2	57	Yes	2/100	1	1
DP-MS4	60	No	1.5/100	1	2
DP-MS5	58	Yes	1/100	1	1
DP-MS6	58	No	1.6/200	2	1
DP-MS7	62	No	1.6/200	2	3
DP-MS8	60	Yes	2/200	2	2
DP-MS9	60	Yes	1.4/200	2	1
DP-MS10	58	Yes	0.8/100	1	1
DP-MS11	58	Yes	1/100	1	3
DP-MS12	60	Yes	2/200	2	7
DP-MS13	59	Yes	2/100	1	4
DP-MS15	60	No	2/200	2	2
DP-MS16	60	Yes	1.4/200	2	2
DP-MS17	60	No	1.2/200	2	1
DP-MS18	59	Yes	1.2/200	2	1