

Supplementary Table S3: Pathogenicity test of endophytic fungi isolated from healthy *Cornus florida*.

Endophytic fungi	Code	Pathogenic/Non-pathogenic
<i>Hypoxylon</i> sp.	A-A4F2	Non-pathogenic
<i>Hypoxylon perforatum</i>	A-A5F1	Non-pathogenic
<i>Seimatosporium lichenicola</i>	A-A7F1	Non-pathogenic
<i>Botryosphaeria dothidea</i>	A-A8F1	Pathogenic
<i>Pestalotiopsis microspora</i>	A-A8F2	Pathogenic
<i>Polyporales</i> sp.	A-A9F1	Non-pathogenic
<i>Cytospora</i> sp.	A-A9F2	Non-pathogenic
<i>Bjerkandera adusta</i>	A-A10F1	Non-pathogenic
<i>Didymosphaeria variabile</i>	B-A11F1	Pathogenic
<i>Daldinia childiae</i>	B-A12F1	Non-pathogenic
<i>Hypoxylon rubiginosum</i>	B-A12F2	Non-pathogenic
<i>Nemania</i> sp.	B-A13F1	Non-pathogenic
<i>Didymosphaeria variabile</i>	B-A15F1	Non-pathogenic
<i>Whalleya microplaca</i>	B-A17F1	Non-pathogenic
<i>Rosellinia corticium</i>	B-A17F2	Pathogenic
<i>Xylaria</i> sp.	B-A19F1	Pathogenic
<i>Hypoxylon perforatum</i>	B-A20F1	Pathogenic
<i>Hypoxylon howeanum</i>	B-A20F2	Non-pathogenic
<i>Seimatosporium lichenicola</i>	C-A21F1	Non-pathogenic
<i>Dothideales</i> sp.	C-A21F2	Non-pathogenic
<i>Nigrospora sphaerica</i>	C-A22F1	Non-pathogenic
<i>Hypoxylon perforatum</i>	C-A22F2	Non-pathogenic
<i>Peniophora lycii</i>	C-A22F3	Non-pathogenic
<i>Hypoxylon fuscum</i>	C-A23F2	Non-pathogenic
<i>Pestalotiopsis</i> sp.	C-A24F1	Non-pathogenic
<i>Hypoxylon submonticulosum</i>	C-A26F3	Non-pathogenic
<i>Hypoxylon perforatum</i>	C-A26F4	Non-pathogenic

<i>Hypoxylon rubiginosum</i>	C-A26F5	Non-pathogenic
<i>Hypoxylon</i> sp.	C-A26F8	Non-pathogenic
<i>Hypoxylon perforatum</i>	C-A27F1	Non-pathogenic
<i>Ascochyta medicaginicola</i>	C-A27F2	Non-pathogenic
<i>Cladosporium cladosporioides</i>	C-A28F1	Non-pathogenic
<i>Xylaria</i> cf. <i>heliscus</i>	C-A30F1	Non-pathogenic
<i>Mycosphaerella aurantia</i>	D-A31F2	Non-pathogenic
<i>Coniozyma</i> sp.	D-A32F1	Non-pathogenic
<i>Daldinia childiae</i>	D-A33F1	Non-pathogenic
<i>Daldinia childiae</i>	D-A33F4	Non-pathogenic
<i>Diplodia seriata</i>	D-A34F1	Non-pathogenic
<i>Hypoxylon perforatum</i>	D-A35F1	Non-pathogenic
<i>Hypoxylon perforatum</i>	D-A35F2	Non-pathogenic
<i>Hypoxylon</i> sp.	D-A35F3	Non-pathogenic
<i>Didymosphaeria variabile</i>	D-A37F1	Non-pathogenic
<i>Xylaria</i> sp.	D-A37F2	Non-pathogenic
<i>Daldinia childiae</i>	D-A38F1	Non-pathogenic
<i>Annulohypoxylon annulatum</i>	D-A40F1	Non-pathogenic
<i>Nemania serpens</i>	D-A40F2	Pathogenic
<i>Hypoxylon submonticulosum</i>	D-A40F3	Non-pathogenic
<i>Colletotrichum acutatum</i>	E-A41F1	Pathogenic
<i>Hypoxylon</i> sp.	E-A41F3	Non-pathogenic
<i>Colletotrichum gloeosporioides</i>	E-A41F4	Pathogenic
<i>Diplodia seriata</i>	E-A43F4	Pathogenic
<i>Pestalotiopsis microspora</i>	E-A44F1	Pathogenic
<i>Stereum complicatum</i>	E-A44F3	Non-pathogenic
<i>Phyllosticta pyrolae</i>	E-A48F6	Non-pathogenic
<i>Whalleya microplaca</i>	E-A48F9	Non-pathogenic
<i>Alternaria alternata</i>	E-A48F12	Pathogenic
<i>Diplodia seriata</i>	E-A50F1	Pathogenic
<i>Daldinia childiae</i>	F-A51F3	Pathogenic

<i>Didymella</i> sp.	F-A54F4	Non-pathogenic
<i>Coniothyrium</i> sp.	F-A55F1	Non-pathogenic
<i>Phoma aliena</i>	H-A56F4	Pathogenic
<i>Cytospora</i> sp.	H-A57F2	Non-pathogenic
<i>Didymella glomerata</i>	F-A61F1	Pathogenic
<i>Ascochyta medicaginicola</i>	F-A61F3	Non-pathogenic
<i>Epicoccum nigrum</i>	F-A64F1	Non-pathogenic