Table S1 - The species examined in this work and their classification.

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<tr>
<th>Phylum</th>
<th>Classification</th>
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<td><em>Ajellomyces</em>, Onygenales, Ajellomyctaceae</td>
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<td><em>Arthrobotrys oligospora</em>, Orbiliales, Orbiliaceae</td>
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Table S4 - The divergence times of the cerato-platanin protein genes analyzed, the corresponding fungi and the fungal host.

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<th>Host</th>
<th>Cerato-platanin protein</th>
<th>Fungi</th>
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<th>(Divergence time)</th>
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<td>Animal: Domestic dog, human and bat (Hoog, 2000).</td>
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<td>Pyrenophora tritici-</td>
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<td>Platanus occidentalis, Platanus orientalis and Platanus acerifolia (Comparini et al., 2009)</td>
<td>Ceratocystis platani</td>
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<td>EU330176.1 (2.5472)</td>
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<td>Animal: Arthropods, humans (Hoog, 2000; Booth, 1970).</td>
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<td>Plant: Crop plants (Hoog, 2000; Booth, 1970).</td>
<td>Arthropods (488.3-542.0) (He and Xu, 1990)</td>
<td>AFQ01002046 (29.3638)</td>
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<td>Plant: Seedling plants (Raper and Fennell, 1965; Ainsworth and Austwick, 1959; Austwick, 1965; Lancaster et al., 1961; Wogan, 1965; Clinton, 1960; Diener et al., 1965; Onions, 1966).</td>
<td>Aspergillus flavus (4.669)</td>
<td>XM_002379542.1 (0.0468)</td>
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<td>Animal: Man, cattle, mice, birds, and insects (Galleria mellonella, silkworms, grasshoppers, houseflies and mealy bugs) (Seifly and Bledsoke, 2006; Mellon et al., 2007).</td>
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<td>Trichoderma atroviride (3.1622)</td>
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- Tubor melanosporum (102.3861) XM_0028365 (167.3721)
- Uncinocarpus reesii (29.5717) XM_002415161 (85.7527)
- Coprinopsis cinerea (73.1294) XM_001415142 (77.4409)
- Laccaria viscosa (141.1667) XM_001878434.1
- Postia placenta (110.1579) XM_002473473 (97.834)
- Serpula lacrymans (146.6283) GL945438
- Taiwanofungus camphoratus (110.1579) AY569091.1 (72.7549)

References


Diener UL, Jackson CR, Cooper WE, Stipes RJ and Davis ND (1965) Invasion of peanut pods in the soil by *Aspergillus flavus*. Plant Dis Repr 49:931-935.


Sutton BC and Waterston JM (1966) Leptosphaeria nodorum. CMI Descriptions of Pathogenic Fungi and Bacteria, Kew, Survey, United Kingdom, No. 86.


Table S5 - Cumulative substitutions in branches with positive selection.

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Figure S1 - Phylogenetic relationships and divergence times of fungi with known genes in the cerato-platanin family.
Figure S2 - Phylogenetic relationship and divergence times of genes in the cerato-platanin family of Ascomycetes.
Figure S3 - Phylogenetic relationship and divergence times of genes in the cerato-platanin family of Basidiomycetes.