



Fig. S1. Maximum Likelihood (ML) phylogenetic tree of the ITS sequence alignment of the new genus *Endophytium* and related meristematic and meristematic-like fungi in *Dothideomycetes*. New taxa are in bold face. Thickened branches indicate full statistical support in all analyses. Confidence values for ML-BS ≥ 70% (UFboot2/RAXML) are included near the nodes and the "-" indicates statistical support below the threshold values. The scale bar represents the expected number of changes per site.

The tree was rooted to *Xylaria* (Xylariales, Sordariomycetes) and *Sordaria* (Sordariales, Sordariomycetes). Families and orders are shown in coloured blocks and indicated to the right of the tree.