

Supplemental Movie 1. Time-lapse imaging of nuclear division during appressorium development in wild-type *C. orbiculare*.

Video of nuclear division in *C. orbiculare* wild-type during appressorium development. The *mRFP1- α -TUB1* (mitotic spindle) and *Histone H1-GFP* (nuclei) gene fusion vectors were introduced into wild-type and incubated in conditions to allow appressorium development. Nuclear division was recorded 4 hpi. Images were acquired at 15-s intervals for 6 min with sequential excitation at the two wavelengths. Bar = 5 μ m.

Supplemental Movie 2. Time-lapse imaging of nuclear division in pre-germination conidia of *C. orbiculare* *bub2* Δ .

Video of nuclear division in *C. orbiculare* *bub2* Δ during appressorium development. The *mRFP1- α -TUB1* (mitotic spindle) and *Histone H1-GFP* (nuclei) gene fusion vectors were introduced into Co *bub2* Δ and incubated in conditions to allow appressorium development. Nuclear division was recorded 2 hpi. Images were acquired at 15-s intervals for 6 min with sequential excitation at the two wavelengths. Bar = 5 μ m.