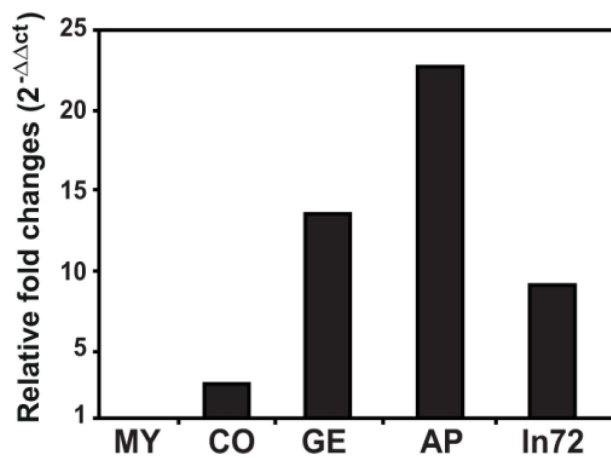


Protein Name	Kingdom																																		
	Chromista(Strawenoboliales)																																		
Protein Name	Phylum																																		
	Doomcota																																		
Protein Name	Subphylum																																		
	Not defined																																		
Protein Name	Class																																		
	Doomicetes																																		
Protein Name	Species																																		
	Pi	Mgr	Af1	An	Ci	Hc8	Bg	Bc	Cg	Fg	Fol	Mo	Nc	Pa	Cas	Sc	Sp	Hi	Ib	Pc	Sl7	Cn	Mlp	Pg	Um5	Am	BdJ	Ecu	Pbl	Ro	Dm	Hs	Ce	Ath	Osj
MGG_10422T0	-	+	+	+	+	-	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Supplementary Fig. 2.** Screenshot of the BLAST Matrix result on MGG\_10422 on the CFGP web page. “Fungal Genome Gold Standard release 1.3” was used for the reference dataset. E-value was limited under “ $1e^{-10}$ ”. “Class” in the “Taxonomical option” was applied for this view.



**Supplementary Fig. 3.** Transcriptional expression of the *MoAFO1* gene in five development stages of *M. oryzae* wildtype strain KJ201. MY, mycelia; CO, conidia; GE, germinating conidia; AP, appressoria; In72, early infection stage at 72 hpi.