

Table S1 List of *Neurospora crassa* and *Aspergillus nidulans* strains used in this study

Strain	Genotype ¹	Source
74-OR23-1V A	WT	FGSC#2489
AR289	Δ NCU9033	FGSC#11390
AR4	<i>biA1; metG1; argB2</i>	M. A. Peñalva (CIB/CSIC)
AR5	<i>biA1</i>	M. A. Peñalva
AR70	<i>biA1; metG1; argB2::pIJ16</i>	[7]
AR198	<i>pyroA4; argB2; ΔnkuA::argB; riboB2</i>	TN02A21 [16]
AR225/T4	<i>pyroA4; argB2; ΔnkuA::argB; riboB2; ΔrhaR::AfriboB</i>	This work
AR227/T11	<i>pyroA4; argB2; ΔnkuA::argB; riboB2; ΔrhaR::AfriboB</i>	This work
AR234/H8	<i>biA1; metG1; argB2; ΔrhaR::AfriboB</i>	This work
AR237/H23	<i>biA1; metG1; argB2; ΔrhaR::AfriboB</i>	This work
AR256/C2	<i>biA1; metG1; argB2; ΔrhaR::AfriboB + pIJ16-RhaR</i>	This work
AR262/C33	<i>biA1; metG1; argB2; ΔrhaR::AfriboB + pIJ16-RhaR</i>	This work
AR271	<i>pyroA4; argB2; ΔnkuA::argB; riboB2::AfriboB</i>	This work
AR272	<i>pyroA4; argB2; ΔnkuA::argB; riboB2::AfriboB</i>	This work
AR273	<i>pyroA4; argB2; ΔnkuA::argB; riboB2::AfriboB</i>	This work
AR279	<i>pyroA4; argB2; ΔnkuA::argB; riboB2::AfriboB</i>	This work

¹All the *A. nidulans* strains carry the mutant allele *veA1*