

Table S1. *A. nidulans* strains used in this work.

MAD number	Genotype	Source
2	<i>biA1</i>	Our collection
3579	<i>wA4; pyroA4[pyroA*-gpdA^{mini}::mrfp-PH^{OSBP}]</i>	Pantazopoulou <i>et al.</i> 2009
5854	<i>pyrG89; nkuAΔ::bar pyroA4; pyrG^{Af}::chsBprom-chsB</i>	This work
5559	<i>pyrG89; pyroA4 nkuAΔ::bar; chsB-gfp::pyrG^{Af}</i>	This work
5626	<i>pyrG89; nkuAΔ::bar pyroA4; chsB-mCherry-3'UTR-pyrG^{Af}</i>	This work
5851	<i>pyrG89; nkuAΔ::bar pyroA4; pyrG^{Af}::chsBprom::gfp-chsB</i>	This work
5895	<i>pyrG89; nkuAΔ::bar; pyroA4[gpdAmini::mRFP::PH^{OSBP}]; pyrG^{Af}::gfp-chsB</i>	This work
5897	<i>pyrG89? hypA1 pabaA1; nkuAΔ::bar?; pyrG^{Af}::chsBprom::gfp-chsB</i>	This work
5924	<i>pyrG89 pabaA1 yA2; nkuAΔ::bar?; pyrG^{Af}::gfp-chsB abpA-mRFP::pyrG^{Af}</i>	This work
5928	<i>pyrG89; nkuAΔ::bar pyroA4; pyrG^{Af}::chsBprom::mCherry-chsB</i>	This work
5981	<i>pyrG^{Af}::mCherry-chsB rabEp::rabE::rabEp::gfp-rabE::pyrG^{Af} pyrG89? nkuAΔ:: bar? pyroA4 pantoB100</i>	This work
6058	<i>pyrG^{Af}::ChsBprom::mCherry-chsB pyrG^{Af}::GFP-synA pyroA4 pyrG89? nkuAΔ::bar?</i>	This work
6116	<i>pyrG89?; nkuAΔ:: bar?; pantoB100 vps33^{ts} pyrG^{Af}::gfp-chsB</i>	This work
6222	<i>pyrG89; nkuAΔ:: bar rabCΔ::riboB^{Af}; pyrG^{Af}-gfp-chsB; riboB2</i>	This work
6253	<i>pyrG89? hypB5; nkuAΔ::bar?; pyroA4; pyrGAf::chsBprom-mCherry-chsB; geaA1-gfp</i>	This work
6268	<i>pyrG89?; argB2[argB*-alcA-gfp-rabE]?; nkuAΔ::bar?; pyroA4::[pyroA^t-gpdA^{mini}-gfp-tlgB]; pyrG^{Af}::chsBprom::mCherry-chsB</i>	This work
6269	<i>pyrG89? hypB5; argB2[argB*-alcA-gfp-rabE]?; nkuAΔ::bar?; pyroA4::[pyroA^t-gpdA^{mini}-gfp-tlgB]; pyrG^{Af}::chsBprom::mCherry-chsB</i>	This work
6327	<i>pyrG89; riboB^{Af}-prom-gfp-chsB; nkuAΔ::bar pyroA4; riboB2</i>	This work
6402	<i>fimAΔ::tn31::pyr4 pyrG89?; nkuAΔ::bar?; pyrG^{Af}::chsBprom::gfp-chsB pantoB100</i>	This work
6422	<i>pyrG89; vps52::pyrG^{Af}; nkuAΔ::bar pyroA4; riboB^{Af}-prom-gfp-chsB; riboB2</i>	This work
6510	<i>pyrG89?; nkuAΔ::bar inoB2 pyroA4[pyroA*-gpdAsh::mCherry::sed5]; pyrG^{Af}::chsBprom-gfp-chsB niiA4</i>	This work

MAD number	Genotype	Source
6511	<i>pyrG89; riboBAf-prom-gfp-chsB; nkuAΔ::bar pyroA4; :pyrG^{Af}::niiAp::slaB; riboB2</i>	This work
6552	<i>pyrG89?; nkuAΔ::bar? pyroA4; pyrG^{Af}::chsBprom-gfp-chsB; nudA2 chaA1</i>	This work
6553	<i>pyrG89?; wA3; nkuAΔ::bar? pyroA4; pyrG^{Af}::chsBprom-gfp-chsB ; nudA5</i>	This work
6559	<i>pyrG89? pabaA1; rabBΔ::riboB^{Af}; nkuAΔ::bar? pyroA4; inuA-HA-3'UTR-pyrG^{Af}? riboB2?; pyrG^{Af}::chsBprom-gfp-chsB</i>	This work
6290	<i>pyrG89; pyroA4 nkuAΔ::bar; vps51Δ::pyrG^{Af}; riboB2</i>	This work
5698	<i>pyrG89; vps52Δ::pyrG^{Af}; pyroA4 nkuAΔ::bar; riboB2</i>	This work
6501	<i>pyrG89; pyroA4 nkuAΔ::bar; vps53Δ::pyrG^{Af}; riboB2</i>	This work
5795	<i>pyrG89; vps54Δ::pyrG^{Af}; pyroA4 nkuAΔ::bar; riboB2</i>	This work
6341	<i>pyrG89; vps54-Stag::pyrG^{Af}; pyroA4 nkuAΔ::bar; riboB2</i>	This work
6503	<i>pyrG89; pyroA4 nkuAΔ::bar; vps51-Stag::pyrG^{Af}; riboB2</i>	This work
6467	<i>pyrG89; wA4 vps52Δ::pyrG^{Af}; pyroA4[pyroA*-gpdA^{mini}::mrfp-PH^{OSBP}] nkuAΔ::bar; riboB2</i>	This work
6469	<i>pyrG89; wA4; pyroA4[pyroA*-gpdA^{mini}::mrfp-PH^{OSBP}] nkuAΔ::bar; vps53Δ::pyrG^{Af}; riboB2</i>	This work
6471	<i>pyrG89; wA4 vps54Δ::pyrG^{Af}; pyroA4[pyroA*-gpdA^{mini}::mrfp-PH^{OSBP}] nkuAΔ::bar; riboB2</i>	This work
6494	<i>pyrG89; wA4; pyroA4[pyroA*-gpdA^{mini}::mrfp-PH^{OSBP}] nkuAΔ::bar; vps51Δ::pyrG^{Af}; riboB2</i>	This work

*Strain numbers refer to the MAD (Madrid, CIB-CSIC) collection.