

**Table S1. Aspergillus strains used in this study.**

Strain name	Relevant genotype/information	Source	Reference
< <i>A. fumigatus</i> wild type strains>			
AF293 (A1100) <sup>a)</sup>	<i>A. fumigatus</i> clinical isolate	FGSC <sup>b)</sup>	[31,32,33]
AF293 (A1435) <sup>a)</sup>	<i>A. fumigatus</i> clinical isolate	FGSC	[31,32,33]
AF10 (A1260)	<i>A. fumigatus</i> clinical isolate	FGSC	[33,34,35,36]
AF210 (A1259)	<i>A. fumigatus</i> clinical isolate	FGSC	[33,35,37]
AF1	<i>A. fumigatus</i> clinical isolate	Paul Dyer <sup>c)</sup>	[34,35,36]
AF62	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[34,35,36]
AF217	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[36]
AF221	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[36]
AF250	<i>A. fumigatus</i> clinical isolate	Paul Dyer	[36]
AFIR957	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[40]
AFRB3	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[40]
AF41	<i>A. fumigatus</i> clinical isolate	Paul Dyer	[34,36,41]
AF70	<i>A. fumigatus</i> environmental isolate	Paul Dyer	[34,35,36]
CBS144.89	<i>A. fumigatus</i> clinical isolate	Jean-Paul Latgé <sup>d)</sup>	[42,43]
CBS133.61	<i>A. fumigatus</i> clinical isolate	Jean-Paul Latgé	[44]
< <i>A. fumigatus</i> mutant strains defective in conidiogenesis>			
ΔAffluG1	AfpyrG1; ΔAffluG::AfpyrG <sup>+</sup>	J. H. Yu <sup>e)</sup>	[27]
ΔAfflbA4	AfpyrG1; ΔAfflbA::AfpyrG <sup>+</sup>	J. H. Yu	[27]
A1176	AfpyrG1; ΔAfbrlA::AfpyrG <sup>+</sup>	J. H. Yu	[27]
TKSS1.01	AfpyrG1; ΔAfflbB::AfpyrG <sup>+</sup>	J. H. Yu	[30]
ΔAfflbC	AfpyrG1; ΔAfflbC::AfpyrG <sup>+</sup>	J. H. Yu	Not published
TKSS6.07	ΔAfublbE::Anipyrg <sup>+</sup> ; AfpyrG1	J. H. Yu	[22]
TSGa17	AfpyrG1; ΔAfuabaA::Anipyrg <sup>+</sup>	J. H. Yu	[28]
TSGw4	AfpyrG1; ΔAfuwtA::Anipyrg <sup>+</sup>	J. H. Yu	[28]
THSF1.1	ΔAfuveA::Anipyrg <sup>+</sup> ; AfpyrG1	J. H. Yu	[29]
THSF2.1	ΔAfuvvelB::Anipyrg <sup>+</sup> ; AfpyrG1	J. H. Yu	[29]
TNI17.1	AfpyrG1; ΔAfvosA::Anipyrg <sup>+</sup>	J. H. Yu	[29]

<The other Aspergilli species>

A4	<i>A. nidulans</i> Glasgow wild type (veA <sup>+</sup> )	FGSC	[33]
A90	<i>A. nidulans</i> Grindle wild isolate 2	FGSC	[33]
A117	<i>A. nidulans</i> Prototroph, wild type color (no veA <sup>+</sup> )	FGSC	[33]
A251	<i>A. heterothallicus</i> wild type	FGSC	[33]
A732	<i>A. niger</i> wild type	FGSC	[33]
A815	<i>A. oryzae</i> wild type	FGSC	[33]
A1156	<i>A. terreus</i> wild type	FGSC	[33]
NRRL1	<i>A. clavatus</i> wild type	NRRL <sup>f)</sup>	[45]
NRRL10	<i>A. giganteus</i> wild type	NRRL	[45]
NRRL181	<i>Neosartorya fischeri</i> wild type	NRRL	[45]
NRRL20748	<i>Neosartorya pseudofischeri</i> wild type	NRRL	[45]
NRRL2244	<i>Neosartorya aureola</i> wild type	NRRL	[45]
NRRL260	<i>A. terreus</i> wild type	NRRL	[45]
NRRL2667	<i>A. parvulus</i> wild type	NRRL	[45]
NRRL26980	<i>Dichotomomyces cepii</i> wild type	NRRL	[45]
NRRL5023	<i>A. kanagawaensis</i> wild type	NRRL	[45]
NRRL5293	<i>Neocarpenteles acanthosporum</i> wild type	NRRL	[45]
NRRL577	<i>A. unilateralis</i> wild type	NRRL	[45]