

**Table S5** *N. crassa* strains used in this study.

Strain	Genotype	Reference
FGSC2489	<i>mat A (74-OR23-1VA)</i>	FGSC
FGSC4200	<i>mat a (ORS-SL6a)</i>	FGSC
FGSC6103	<i>mat A, his-3</i>	FGSC
RANCR6A	<i>mat a, his-3, inl</i>	(Pratt and Aramayo 2002)
FGSC16561	<i>mat a, Δuc-4(NCU01446)::hph</i>	(Colot et al. 2006)
FGSC11230	<i>mat A, Δupf1::hph</i>	(Colot et al. 2006)
FGSC15706	<i>mat a, Δupf2::hph</i>	(Colot et al. 2006)
FGSC11679	<i>mat a, Δupf3::hph</i>	(Colot et al. 2006)
FGSC19228	<i>mat a, Δxrn1::hph</i>	(Colot et al. 2006)
FGSC15492	<i>mat a, Δy14::hph</i>	(Colot et al. 2006)
FGSC13031	<i>mat A, Δmago::hph</i>	(Colot et al. 2006)
FGSC22440	<i>mat A, Δcbp80::hph</i>	(Colot et al. 2006)
FGSC18692	<i>mat a, Δcbp20::hph</i>	(Colot et al. 2006)
NZ060	<i>mat A, his-3+::upf1<sub>P</sub>-upf1, Δupf1::hph</i>	microconidiation
NZ070	<i>mat A, his-3+::upf1<sub>P</sub>-upf1-Gly-3xFLAG, Δupf1::hph</i>	microconidiation
NZ100	<i>mat a, his-3+::upf2<sub>P</sub>-upf2-Gly3xFLAG, Δupf2::hph</i>	microconidiation
NZ110	<i>mat a, his-3+::upf2<sub>P</sub>-upf2-GlyHATFLAG, Δupf2::hph</i>	microconidiation
NZ130	<i>mat a, y14<sub>P</sub>-y14-Bar, Δy14::hph</i>	microconidiation
NZ140	<i>mat A, mago<sub>P</sub>-mago-Bar, Δmago::hph</i>	microconidiation
NZ150	<i>mat a, xrn1<sub>P</sub>-xrn1-Bar, Δxrn1::hph</i>	microconidiation
NZ160	<i>mat A, cbp80<sub>P</sub>-cbp80-Bar, Δcbp80::hph</i>	microconidiation
NZ170	<i>mat a, cbp20<sub>P</sub>-cbp20-Bar, Δcbp20::hph</i>	microconidiation
<i>Luciferase reporter strains</i>		
NZ1000	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc cox-5</i>	microconidiation
NZ1001	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc cox-5; Δupf1:: hph</i>	microconidiation
NZ1005	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eIF4A3+i</i>	microconidiation
NZ1006	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eIF4A3+i; Δupf1:: hph</i>	microconidiation
NZ1011	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eIF4A3-i</i>	microconidiation
NZ1012	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eIF4A3-i; Δupf1:: hph</i>	microconidiation
NZ1017	<i>mat A; his-3+::cox-5<sub>P</sub> AAP luc cox-5</i>	cross
NZ1018	<i>mat A; his-3+::cox-5<sub>P</sub> AAP luc cox-5; Δupf1:: hph</i>	cross
NZ1021	<i>mat a; his-3+::cox-5<sub>P</sub>::AAP<sub>D12N</sub>::Luc::cox-5</i>	cross
NZ1030	<i>mat A; his-3+::cox-5<sub>P</sub>::AAP<sub>D12N</sub>::Luc::cox-5; Δupf1:: hph</i>	cross
NZ1031	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc cox-5</i>	cross
NZ1036	<i>mat a; csr-1::cox-5<sub>P</sub> cox-5 luc cox-5; Δy14:: hph</i>	cross
NZ1037	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3+i</i>	cross
NZ1040	<i>mat a csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3+i; Δy14::hph</i>	cross
NZ1041	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3-i</i>	cross
NZ1046	<i>mat a; csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3-i; Δy14::hph</i>	cross
NZ1047	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eRF1+i</i>	cross
NZ1052	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eRF1+i; Δupf1:: hph</i>	cross
NZ1053	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eRF1-i</i>	cross
NZ1058	<i>mat A; his-3+::cox-5<sub>P</sub> cox-5 luc eRF1-i; Δupf1:: hph</i>	cross
NZ1059	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc cox-5; Δcbp80:: hph</i>	cross
NZ1062	<i>mat A csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3+i; Δcbp80::hph</i>	cross
NZ1063	<i>mat A csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3-i;Δcbp80::hph</i>	cross
NZ1065	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc cox-5; Δcbp20:: hph</i>	cross
NZ1066	<i>mat A csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3+i; Δcbp20::hph</i>	cross
NZ1067	<i>mat A csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3-i; Δcbp20::hph</i>	cross
NZ1068	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc cox-5; Δcbp20:: hph;Δcbp80:: hph</i>	cross
NZ1069	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3+i; Δcbp20:: hph;Δcbp80:: hph</i>	cross
NZ1070	<i>mat A; csr-1::cox-5<sub>P</sub> cox-5 luc eIF4A3-i; Δcbp20:: hph;Δcbp80:: hph</i>	cross