

Table S1 Phenotypes of the spontaneous suppressor strains.

Strain	Growth rate (mm/day) ^a	Conidiation ($\times 10^4$ conidia/mL) ^b	Conidial length (μm) ^c	Conidial septation (septa/conidium) ^d
PH-1	11.1 \pm 0.4	126.4 \pm 7.2	46.9 \pm 2.1	4.2 \pm 0.7
FY6 (<i>Fgyck1</i>)	1.6 \pm 0.2	0	0	0
S1	1.9 \pm 0.1	1.4 \pm 0.6	24.5 \pm 2.4	2.6 \pm 0.8
S2	4.3 \pm 0.2	1.3 \pm 0.5	28.4 \pm 4.2	2.8 \pm 0.6
S3	4.4 \pm 0.2	6.3 \pm 2.4	28.0 \pm 6.3	2.3 \pm 0.8
S4	3.2 \pm 0.1	0	0	0
S5	4.7 \pm 0.4	0	0	0
S6	3.7 \pm 0.3	3.6 \pm 1.5	29.5 \pm 6.5	2.8 \pm 1.2
S7	3.6 \pm 0.2	1.8 \pm 1.1	28.7 \pm 7.6	2.7 \pm 0.9
S8*	3.2 \pm 0.1	1.5 \pm 0.6	26.7 \pm 5.1	2.3 \pm 0.6
S9	2.0 \pm 0.1	0	0	0
S10	3.3 \pm 0.1	3.9 \pm 1.6	27.2 \pm 3.7	2.9 \pm 0.3
S11	2.9 \pm 0.1	8.6 \pm 3.5	23.9 \pm 2.1	2.3 \pm 1.0
S12*	4.0 \pm 0.1	22.9 \pm 5.6	28.2 \pm 4.9	2.5 \pm 0.9
S13	4.4 \pm 0.3	14.4 \pm 8.0	24.2 \pm 1.1	2.7 \pm 0.9
S14	3.4 \pm 0.2	4.6 \pm 2.2	27.2 \pm 3.4	2.6 \pm 0.5
S15	4.6 \pm 0.1	2.67 \pm 1.3	24.9 \pm 2.3	2.5 \pm 0.6
S16	2.5 \pm 0.1	0	0	0
S17	4.2 \pm 0.1	0	0	0
S18	3.1 \pm 0.2	0	0	0
S19	4.2 \pm 0.5	0	0	0
S20	2.8 \pm 0.1	0	0	0
S21*	3.7 \pm 0.2	2.1 \pm 0.9	24.7 \pm 2.5	2.3 \pm 0.8
S22*	2.4 \pm 0.1	0	0	0
S23*	4.5 \pm 0.1	8.5 \pm 2.9	29.4 \pm 4.2	2.7 \pm 1.0
S24*	4.6 \pm 0.1	9.9 \pm 3.0	20.9 \pm 1.4	2.0 \pm 0.7
S25*	3.9 \pm 0.1	0	0	0

* indicates suppressor strains selected for genome sequencing.

^a average radial growth per day on PDA plates.

^b conidiation in 5-day-old CMC cultures.

^c, ^d more than 30 conidia cells were examined.

Mean and standard deviation were calculated from three biological replicates.