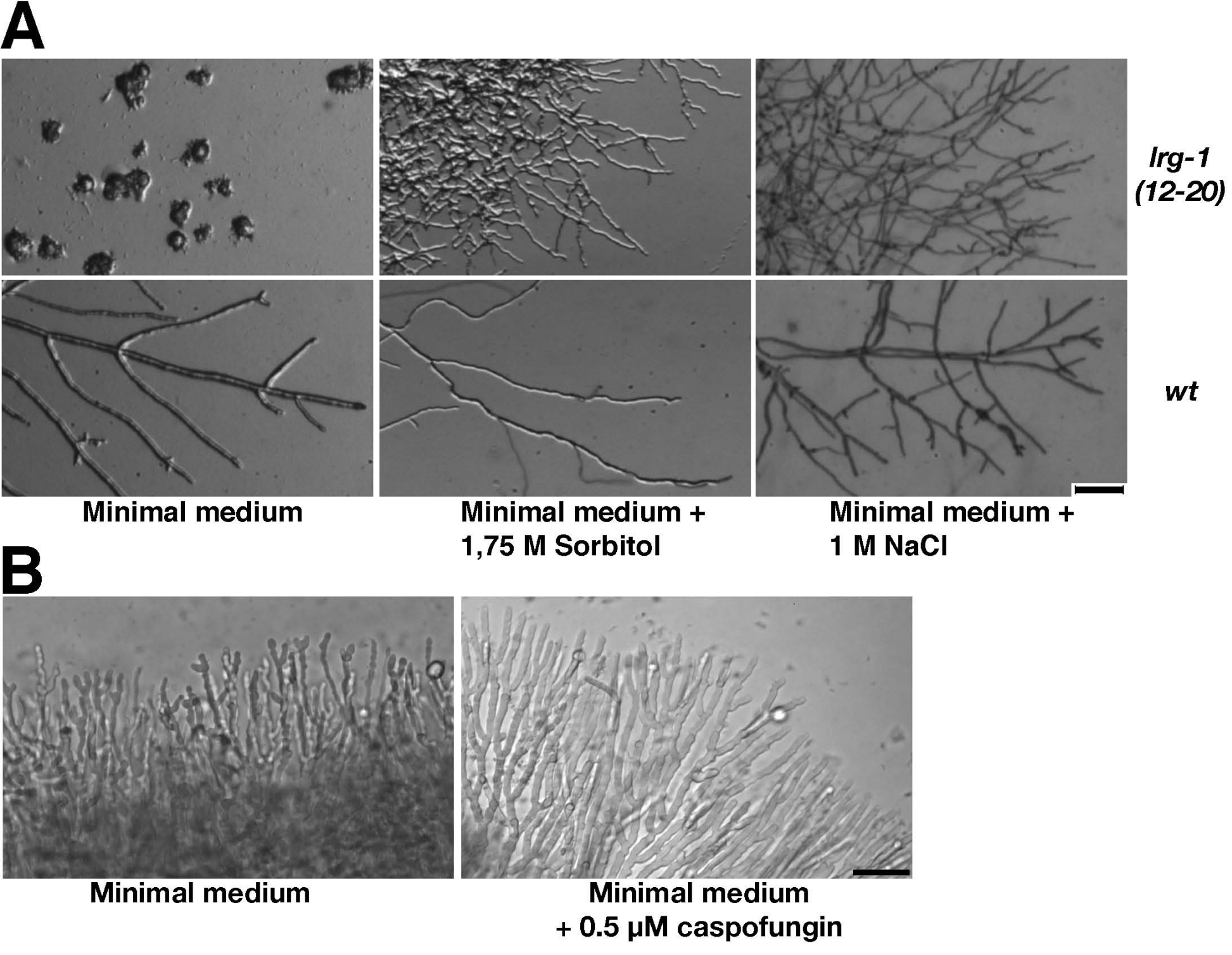
E07-12-1266 Seiler

Supplementary Table 1. Primers used in this study

Name	Sequence
NV_myc1	5'-CGG AAT TCC GGC TGG GGC AGG CCA AAC AAT GGG GTG ACT ACT GGC ACT GCA TCT TCT AGA GGT GAA CAA AAG TTG-3'
NV_myc2	5'-TCC CCG CGG CTA CCC GTC AGA TCT GTT CAA G-3'
NV_myc3	5'-GGG CCC GGA TGG CCA TCC CGT CAG ATC TGT TCA AG-3'
NV_myc4	5'-GGG CCC CCA TGG GAT CTT CTA GAG GTG AAC AAA AGG GGC CCC CAT GGG ATC TTC TAG AGG TGA ACA AAA G-3'
NV_Gap1	5'-CGC GAT ATC ATG GCT CCA ATG GTG GAA GG-3'
NV_Gap2	5'-CGC GAA TTC TCA CGT CCC GGG CCC CAC GC-3'
Hyg5'XbaI	5'-AGG TCT AGA GTC GGT GAG TTC CTT TC-3'
Hyg3'XbaI	5'-ACC TCT AGA CAA GTG TAC CTG TGC ATT C-3'
Hyg5'ApaI	5'-AAT GGG CCC TGA CAC AGC TCA ATA AGG CTA GCC-3'
Hyg3'ApaI	5'-TTT GGG CCC TGA GCG TAT TGG GTG TTA CGG AGC-3'
NV_Rho1_2	5'-CAA GCG GCC GCT CTG CTG AAC TCC GCC GAA AG-3'
NV_Rho2_2	5'-CAA GCG GCC GCG CAT CAG GCA GCC CTC AGA ATG-3'
NV_Rho3_2	5'-CAA GCG GCC GCC CTT GCG GAC TCG GAG GGT C-3'
NV_Rho4_2	5'-CAA GCG GCC GCA CCG AGG GCC CGG CCT AC-3'
NV_Rho4_3	5'-CAA GCG GCC GCC TCA CAT CAT ACC ACA CTT TC-3'
NV_Rho3_3	5'-CAA GCG GCC GCT TAC ATG ACC ACG CAC TTC G-3'
NV_Rho2_3	5'-CAA GCG GCC GCT CAT AGA ATC ACA CAG CAC CC-3'
NV_Rho1_3	5'-CTT GCG GCC GCT TAG ACC GAG CTC TTG CAG AGG-3'
NV_nat1	5'-ACC CCA TGG CCA TGA CCA CTC TTG ACG AC-3'
NV_nat2	5'-AGG GAA TTC TCA GGG GCA GGG CAT GC-3'
NV_nat3	5'-ACT CTT GAC GAC ACG GCT TAC-3'
NV_nat4	5'-TAC GCG TGG ATC GCC GGT G--3'
NV_nat5	5'-CCA AAA CAA TAT GGT AGG TGA GGT AGG AGC TCA TGC AGT GCT CAG GGG CAG GGC ATG C-3'
NV_gpd1	5'-GGG TTT CGA ACT ACA TCA AGG GTC CAA GAC CGA CAT CGA GGC TCT GTA CAG TGA CCG GTG-3'
NV_KOlrg3f	5'-GCG AGC GGC AGG CGC TCT ACA TGA GCA TGC CCT GCC CCT GAG CAC TGC ATG AGC TCC TAC-3'
NV_KOlrg3r	5'-GGA ATT GTG AGC GGA TAA CAA TTT CAC ACA GGA AAC AGC CAC CTG GCT CGA CTA AAA CTG-3'
NV_KOlrg5r	5'-CTC CGC ATG CCA GAA AGA GTC ACC GGT CAC TGT ACA GAG CCT CGA TGT CGG TCT TGG ACC-3'
NV_KOlrg5f	5'-TAA GTT GCG TAA CGC CAG GGT TTT CCC AGT CAC GAC GCA TCG AAT TTG GAA AAT TGG GAC-3'
NV_KOlrg5f2	5'-CAT CGA ATT TGG AAA ATT GGG AC-3'
NV_KOlrg3r2	5'-CCA CCT GGC TCG ACT AAA ACT G-3'
NV_Rho2_4	5'-CAA CCA TGG GCG GCC GCG CAT CAG GCA GCC CTC AG-3'
NV_Rho2_5	5'-CAA CTC GAG CGG CCG CTC ATA GAA TCA CAC AGC AC-3'
NV_GFP2	5'-TTT GAT ATC TGT ACA GCT CGT CCA TGC CGA G-3'
NV_GFP1	5'-CCC GAT ATC TGA GCA AGG GCG AGG AGC TG-3'

NV_LIM1mut_f	5'-GAT GGG ACC TTT CAT TTG GAT TCA TTC AAG AGT CGC GTG AGT GCC TG-3'
NV_LIM1mut_r	5'-CAG GCA CTC ACG CGA CTC TTG AAT GAA TCC AAA TGA AAG GTC CCA TC-3'
NV_LIM2mut_f	5'-CGC AAA TAC CAC GTC GAC GTC TTT ACC AGC TCG CTT TGC CCG ACT GTC-3'
NV_LIM2mut_r	5'-GAC AGT CGG GCA AAG CGA GCT GGT AAA GAC GTC GAC GTG GTA TTT GCG-3'
NV_LIM3mut_f	5'-GAC AAG AGG TGG CAT ATC ACG TCT GTC AAC TCC TCA CGT TGC CAG AAA GAA C-3'
NV_LIM3mut_r	5'-GTT CTT TCT GGC AAC GTG AGG AGT TGA CAG ACG TGA TAT GCC ACC TCT TGT C-3'
NV_GAPmut_f	5'-GTT CAG GTG GCT GCC TTG CTA GCA CGA TAC CTC CGA GAG CTG C-3'
NV_GAPmut_r	5'-GCA GCT CTC GGA GGT ATC GTG CTA GCA AGG CAG CCA CCT GAA C-3'
NV_LIM1mut2_f	5'-CTA GCG GAC AAG TGC GAG TGC TTA AGA AAG GTG GTG AAC CTT TGA CGG G-3'
NV_LIM1mut2_r	5'-CCC GTC AAA GGT TCA CCA CCT TTC TTA AGC ACT CGC ACT TGT CCG CTA G-3'
NV_LIM2mut2_f	5'-CGC AGG TTA GGC CTG CTG AGT TAC CAG GCC GGC GGT GCT CTT CGG GGC-3'
NV_LIM2mut2_r	5'-GCC CCG AAG AGC ACC GCC GGC CTG GTA ACT CAG CAG GCC TAA CCT GCG-3'
NV_LIM3mut2_f	5'-GCC TCG GAC TCG GAC TCG GGT ACC CTC TCG AAA AAG CCC ATT GAG GAC GAG-3'
NV_LIM3mut2_r	5'-CTC GTC CTC AAT GGG CTT TTT CGA GAG GGT ACC CGA GTC CGA GTC CGA GGC-3'
NV_Rho2_6	5'-CAA GCG GCC GCT CAC CCG CTT CCT TCC TTC TTC-3'
SSe_CDC42_Sal5	5'-ACG CGT CGA CCG TGA CGG GAA CTA TCA AGT GCG-3'
SSe_CDC42_Not3	5'-GAT GCG GCC GCT CAC AGA ATC AAG CAC TTC TTG TCC-3'
SSe_Rac_Sal5	5'-ACG CGT CGA CCG CTG CTA TCG GAG GCG TGC AGT C-3'
SSe_Rac_Not3	5'-GAT GCG GCC GCT TAG AGG ATA GTG CAC TTG GAC TTC-3'
Rho1_DN1	5'-GTC TAC GTC CCT ACC GTT TTC ATT AAT TAC GTC GCC GAT GT-3'
Rho1_DN2	5'-AAC CTC GAC ATC GGC GAC GTA ATT AAT GAA AAC GGT AGG GA-3'
Rho1_GV1	5'-CGT CAT CGT TGG CGA CGT CGC CTG CGG CAA GAC C-3'
Rho1_GV2	5'-GGT CTT GCC GCA GGC GAC GTC GCC AAC GAT GAC G-3'
NV_lrg14	5'-CCC CTC GAG GTC CGG GCC TGG TTC AGG C-3'
NV_lrg18	5'-AGC GGC CGC TCA TAA TTC ATC GGG AAC CAA ACA CAT CTC TTC AAT ATT TGC-3'
NV_LRG20	5'-CTT TCG GTT GAA GGC GTC TTC CTT AAG AAC GGC AAT ATC AAG AAG C-3'
NV_LRG21	5'-GCT TCT TGA TAT TGC CGT TCT TAA GGA AGA CGC CTT CAA CCG AAA G-3'

Supplementary Figure 1. (A) The growth defect of *lrg-1(12-20)* at restrictive conditions is suppressed by osmotic stabilizers. Bar 200 μm. **(B)** The hyphal morphology of *lrg-1(12-20* is not affected by the β1,3 glucan synthase inhibitor caspofungin at semipermissive conditions. Bar 40μm.


A
lrg-1
(12-20)
wt
Minimal medium
Minimal medium +
1,75 M Sorbitol
Minimal medium +
1 M NaCl
B
Minimal medium
Minimal medium
+ 0.5 µM caspofungin