



Supplementary information, Figure S2 Gibberellic acid inhibits mycorrhizal colonization.

(A) Quantification of *R. irregularis* colonization 6 weeks post inoculation. This is a representative experiment that was repeated three times. (B, C) qRT-PCR analysis in rice roots upon 6 weeks post inoculation with *R. irregularis* and treated with the given concentrations of GA3 (μM). "-"/"+" means without/with given concentration of GA3 treatment. Expression levels are shown relative to the constitutively expressed *CYCLOPHILIN2* gene. Error bars indicate standard error of three quantitative PCR repeats and the results were consistent in three replications. (D) Quantification of *R. irregularis* colonization 6 weeks post inoculation in wild-type and *gid1* mutants. The inoculated plants were treated with 10 μM GA3. This is a representative experiment that was repeated twice ($n = 24$ plants). Bars represent standard error. (E) Quantification of mycorrhizal colonization in *M. truncatula* 6 weeks post inoculation with *R. irregularis*. Plants were treated with 10 μM GA3. This data is from a representative experiment that was repeated three times ($n = 12$ plants). (F) Rice lines stably transformed with SLR1-YFP were treated with 10 μM GA3 for 3 hours. GA treatment caused degradation of SLR1 in the nucleus. 10-day-old plants with and without GA3 were observed under a confocal microscope.