

Supplementary Table S6. Top 10 most abundant phylum-level fungal taxa in healthy (control) versus diseased rhizosphere soils.

Name	Feature	Diseased and mature plants (%)	Healthy and mature plants (%)
g_ <i>Fusarium</i>	pathogenic	8.16	↓7.42
g_ <i>Rhizophagus</i>	beneficial	↓3.11	10.32
g_ <i>Podospora</i>	pathogenic	8.56	↓7.40
g_ <i>Madurella</i>	pathogenic	↓2.43	4.25
g_ <i>Rhizoclostridium</i>	pathogenic	3.66	↓2.52
g_ <i>Juglanconis</i>	pathogenic	3.62	↓3.57
g_ <i>Chrysosporium</i>	pathogenic	2.66	↓2.42
g_ <i>Ophiocordyceps</i>	beneficial	↓2.12	2.24
g_ <i>Annulohyphomyces</i>	beneficial	↓0.98	1.93
g_ <i>Hypomyces</i>	pathogenic	1.55	↓1.38