

**S6 Table. Fungal taxa significantly affected by *Metarhizium robertsii* amendment determined by Welch's t-test.**

Comparison	Location	Effect Size	adj-P	Taxon
M+ I- vs. M- I-	Soil	2.88	0.02	k_Fungi;p_Ascomycota;c_Sordariomycetes;o_Hypocreales;f_Clavicipitaceae
		2.64	0.02	k_Fungi;p_Chytridiomycota; c_Chytridiomycetes; o_un.
		-2.04	0.03	k_Fungi;p_Basidiomycota;c_Agaricomycetes;o_Agaricales;f_Hygrophoraceae;g_Hygrocybe
		2.03	0.04	k_Fungi;p_Ascomycota;c_Sordariomycetes;o_Sordariales;f_Chaetomiaceae
		2.04	0.04	k_Fungi;p_Chytridiomycota;c_Chytridiomycetes;o_Spizellomycetales;f_Spizellomycetaceae;g_Spizellomyces
		-2.04	0.04	k_Fungi;p_Ascomycota;c_Geoglossomycetes;o_Geoglossales;f_Geoglossaceae;g_Trichoglossum
		-2.28	0.04	k_Fungi;p_Ascomycota;c_Geoglossomycetes;o_Geoglossales;f_un.
		-1.92	0.05	k_Fungi;p_Basidiomycota;c_Microbotryomycetes;o_Heterogastridiales;f_Heterogastridiaceae;g_Pycnopulvinus
		2.88	0.02	k_Fungi;p_Ascomycota;c_Sordariomycetes;o_Hypocreales;f_Clavicipitaceae
	Root	-5.50	0.01	k_Fungi;p_Basidiomycota;c_Agaricomycetes;o_Russulales;f_Stephanosporaceae
M+ I+ vs. M- I+	Soil	-2.38	0.03	k_Fungi;p_Ascomycota;c_Pezizomycetes;o_Pezizales;f_Ascobolaceae
		-2.16	0.04	k_Fungi;p_Zygomycota;c_Mucoromycotina_cls_Incertae_sedis;o_Mucorales;f_Cunninghamellaceae; g_Cunninghamella;s_[Cunninghamella_elegans]
	Root	-1.86	0.05	k_Fungi;p_Ascomycota;c_Leotiomycetes;o_Helotiales_famIncertaesedis; f_un.

Significant taxa determined by pairwise Welch's t-tests with an FDR-adjusted P value adjusted (adj-P;  $\alpha = 0.05$ )