

Table S4 list of indicator genera associated with ZYF and LA as determined by indicator species analysis and correlation network analysis

Niche	Species	ZYF			LA			
		LP	MP	P value	LP	MP	P value	
Rhizosphere	<b>g__Solirubrobacter</b>	0.547	0.453	0.033*	0.571	0.429	0.008*	
	g__norank_f__ Methyloligellaceae	0.564	0.436	0.010*	0.535	0.465	0.049*	
	g__Blastococcus	0.460	0.540	0.288	0.618	0.382	0.016*	
	g__Candidatus_Entotheonella	0.507	0.493	0.794	0.601	0.399	0.019*	
	g__MND1	0.557	0.443	0.058	0.553	0.447	0.019*	
	g__Nocardioides	0.480	0.520	0.408	0.599	0.401	0.010*	
	g__norank_f_67-14	0.538	0.462	0.063	0.532	0.468	0.030*	
	g__norank_f__ Geminococcaceae	0.496	0.504	0.987	0.612	0.388	0.008*	
	g__norank_f__norank_o__ Actinomarinales	0.564	0.436	0.020*	0.542	0.458	0.012*	
	g__norank_f__norank_o__ Gaiellales	0.527	0.473	0.576	0.569	0.431	0.011*	
	g__norank_f__norank_o__ norank_c__MB-A2-108	0.565	0.435	0.043*	0.554	0.446	0.010*	
	Endophyte	<b>g__Nocardioides</b>	0.663	0.337	0.009*	0.610	0.390	0.010*
		<b>g__Phenylobacterium</b>	0.739	0.261	0.005*	0.654	0.346	0.011*
g__Altererythrobacter		0.790	0.210	0.007*	0.574	0.426	0.160	
g__Sphingomonas		0.615	0.385	0.011*	0.472	0.528	0.328	
g__Bradyrhizobium		0.462	0.538	0.045	0.606	0.394	0.012*	
g__Ensifer		0.577	0.423	0.070	0.632	0.368	0.004*	
g__Lechevalieria		0.589	0.411	0.124	0.777	0.223	0.008*	
g__Lysobacter		0.536	0.464	0.254	0.627	0.373	0.017*	
g__norank_f__ Steroidobacteraceae		0.515	0.485	0.377	0.591	0.409	0.033*	