

Supplementary Material

Effect of *Epichloë gansuensis* endophyte on rhizosphere bacterial communities, nutrients and stoichiometry of *Achnatherum inebrians* at three growth seasons

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Table S1. Taxonomic affiliation of rhizosphere bacteria isolated from rhizosphere soil at the different growth stage of E+ and E-*A. inebrians*.

	Phylum	Class	Order	Family	Genus		
May (E+)	Actinobacteria	Actinobacteria	actinomycetales	Micrococcaceae	<i>Paenarthrobacter</i>		
				Microbacteriaceae	<i>Microbacterium</i>		
				Streptomycetales	Streptomycetaceae	<i>Streptomyces</i>	
	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	<i>Rhizobium</i>		
				Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	<i>Enterobacter</i>
					Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>
				Moraxellaceae	<i>Acinetobacter</i>		
	Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus</i>		
	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	<i>Sphingobacterium</i>		
		Flavobacteria	Flavobacteriales	Flavobacteriaceae	<i>Flavobacterium</i>		
				<i>Chryseobacterium</i>			
May (E-)	Actinobacteria	Actinobacteria	actinomycetales	Micrococcaceae	<i>Pseudarthrobacter</i>		
				Microbacteriaceae	<i>Microbacterium</i>		
	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	<i>Rhizobium</i>		
					Brucellaceae	<i>Ochrobactrum</i>	
				Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	<i>Stenotrophomonas</i>
	Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>				
	Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus</i>		
				Paenibacillaceae	<i>Brevibacillus</i>		
				Planococcaceae	<i>Lysinibacillus</i>		
Aug (E+)	Actinobacteria	Actinobacteria	actinomycetales	Micrococcaceae	<i>Glutamicibacter</i>		
					<i>Arthrobacter</i>		
					<i>Pseudarthrobacter</i>		
				Microbacteriaceae	<i>Microbacterium</i>		
				Corynebacteriales	Nocardiaceae	<i>Rhodococcus</i>	

	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	<i>Rhizobium</i>			
		Betaproteobacteria	Burkholderiales	Comamonadaceae	<i>Variovorax</i>			
		Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	<i>Serratia</i>			
					<i>Pantoea</i>			
					<i>Enterobacter</i>			
			Pseudomonadales	Pseudomonadaceae	<i>Erwinia</i>			
					<i>Pseudomonas</i>			
					Moraxellaceae	<i>Acinetobacter</i>		
		Xanthomonadales	Xanthomonadaceae	<i>Stenotrophomonas</i>				
		Firmicutes	Bacilli	Bacillales	Paenibacillaceae	<i>Paenibacillus</i>		
	<i>Brevibacillus</i>							
Bacillaceae	<i>Bacillus</i>							
Planococcaceae	<i>Lysinibacillus</i>							
Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	<i>Olivibacter</i>				
Aug (E-)	Actinobacteria	Actinobacteria	actinomycetales	Micrococcaceae	<i>Arthrobacter</i>			
				Microbacteriaceae	<i>Microbacterium</i>			
			Corynebacteriales	Nocardiaceae	<i>Rhodococcus</i>			
	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	<i>Ensifer</i>			
					Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	<i>Pantoea</i>
								<i>Enterobacter</i>
		<i>Kluyvera</i>						
		Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>				
				Moraxellaceae	<i>Acinetobacter</i>			
	Xanthomonadales			Xanthomonadaceae	<i>Stenotrophomonas</i>			
Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus</i>				
Dec (E+)	Actinobacteria	Actinobacteria	actinomycetales	Micrococcaceae	<i>Paenarthrobacter</i>			
					<i>Arthrobacter</i>			
				Microbacteriaceae	<i>Microbacterium</i>			

Dec (E-)	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	<i>Massilia</i>
				limnobacter	<i>Limnobacter</i>
		Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	<i>Enterobacter</i>
					<i>Leclercia</i>
					<i>Erwinia</i>
					<i>Pantoea</i>
			Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>
				Moraxellaceae	<i>Acinetobacter</i>
	Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus</i>
				Planococcaceae	<i>Lysinibacillus</i>
	<i>Actinobacteria</i>	<i>Actinobacteria</i>	<i>actinomycetales</i>	<i>Micrococcaceae</i>	<i>Paenarthrobacter</i>
					<i>Glutamicibacter</i>
	Proteobacteria	Betaproteobacteria	Burkholderiales	Oxalobacteraceae	<i>Massilia</i>
		Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	<i>Enterobacter</i>
					<i>Leclercia</i>
					<i>Citrobacter</i>
					<i>Kosakonia</i>
		Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>	
			Moraxellaceae	<i>Acinetobacter</i>	
	Firmicutes	Bacilli	Bacillales	Bacillaceae	<i>Bacillus</i>