Table 1: Responders to both ^{13}C-xylose ^{13}C-cellulose BLAST against Living Tree Project

OTU ID	**Amendment**	**Fold change** [a]	**Day** [b]	**All days** [c]	**Top BLAST hits**	**BLAST %ID**	**Phylum;Class;Order**
OTU.11	13CXPS	5.25	7	7	*Stenotrophomonas pavanii*, *Stenotrophomonas maltophilia*, *Pseudomonas geniculata*	99.54	*Proteobacteria* *Gammaproteobacteria* *Xanthomonadales*
OTU.11	13CCPS	3.41	14	14	*Stenotrophomonas pavanii*, *Stenotrophomonas maltophilia*, *Pseudomonas geniculata*	99.54	*Proteobacteria* *Gammaproteobacteria* *Xanthomonadales*
OTU.150	13CCPS	4.06	14	14	No hits of at least 90% identity	86.76	*Planctomycetes* *Planctomycetacia* *Planctomycetales*
OTU.150	13CXPS	3.08	14	14	No hits of at least 90% identity	86.76	*Planctomycetes* *Planctomycetacia* *Planctomycetales*
OTU.165	13CCPS	3.1	14	14	*Rhizobium skierniewicense*, *Rhizobium vignae*, *Rhizobium larrymoorei*, *Rhizobium alkalisoli*, *Rhizobium galegae*, *Rhizobium huautlense*	100.0	*Proteobacteria* *Alphaproteobacteria* *Rhizobiales*
OTU.165	13CXPS	2.38	3	3	*Rhizobium skierniewicense*, *Rhizobium vignae*, *Rhizobium larrymoorei*, *Rhizobium alkalisoli*, *Rhizobium galegae*, *Rhizobium huautlense*	100.0	*Proteobacteria* *Alphaproteobacteria* *Rhizobiales*
OTU.19	13CCPS	2.44	14	14	*Rhizobium alamii*, *Rhizobium mesosinicum*, *Rhizobium mongolense*, *Arthrobacter viscosus*, *Rhizobium sullae*, *Rhizobium yanglingense*, *Rhizobium loessense*	99.54	*Proteobacteria* *Alphaproteobacteria* *Rhizobiales*
OTU.19	13CXPS	2.14	7	7	*Rhizobium alamii*, *Rhizobium mesosinicum*, *Rhizobium mongolense*, *Arthrobacter viscosus*, *Rhizobium sullae*, *Rhizobium yanglingense*, *Rhizobium loessense*	99.54	*Proteobacteria* *Alphaproteobacteria* *Rhizobiales*
OTU.241	13CXPS	3.38	3	3, 14	No hits of at least 90% identity	87.73	*Verrucomicrobia* *Spartobacteria* *Chthoniobacterales*
OTU.241	13CCPS	2.66	14	14	No hits of at least 90% identity	87.73	*Verrucomicrobia* *Spartobacteria* *Chthoniobacterales*
OTU.32	13CXPS	3.0	3	3, 7, 14	*Sandaracinus amylolyticus*	94.98	*Proteobacteria* *Deltaproteobacteria* *Myxococcales*

Table 1 – continued from previous page

OTU ID	Amendment	Fold change	Day	All days	Top BLAST hits	BLAST %ID	Phylum;Class;Order
OTU.32	13CCPS	2.34	3	3	*Sandaracinus amylolyticus*	94.98	*Proteobacteria Deltaproteobacteria Myxococcales*
OTU.5	13CXPS	3.69	7	7	*Delftia tsuruhatensis*, *Delftia lacustris*	100.0	*Proteobacteria Betaproteobacteria Burkholderiales*
OTU.5	13CCPS	2.69	14	14	*Delftia tsuruhatensis*, *Delftia lacustris*	100.0	*Proteobacteria Betaproteobacteria Burkholderiales*
OTU.6	13CCPS	3.62	7	3, 7, 14	*Cellvibrio fulvus*	100.0	*Proteobacteria Gammaproteobacteria Pseudomonadales*
OTU.6	13CXPS	3.24	3	3	*Cellvibrio fulvus*	100.0	*Proteobacteria Gammaproteobacteria Pseudomonadales*

[a] Maximum observed log_2 of fold change.
[b] Day of maximum fold change.
[c] All response days.