

Table S4. Results of Blastn procedure and the criteria for selection of homologous *Funneliformis* sequences used in phylogenetic analysis

	Sequences obtained in this study														
	KT950811			KT950812			KT950813			KT950814			KT950815		
Sequences available at NCBI and/or MAARJAM databases	E-value	Query cover* %	Max ident* %	E-value	Query cover* %	Max ident* %	E-value	Query cover* %	Max ident* %	E-value	Query cover* %	Max ident* %	E-value	Query cover* %	Max ident* %
<i>Funneliformis mosseae</i> (JQ048902)	5e-152	100	99.34	7e-132	100	98.5	2e-161	99.7	99	2.4e-154	99.7	97.7	2.8e-161	100	99
<i>F. mosseae</i> (GU966531)	5e-152	100	99.34	7e-125	100	98.5	-	-	-	-	-	-	5e-152	100	99.34
<i>F. mosseae</i> (JF439112)	1e-152	99	99.7	-	-	-	-	-	-	1e-143	99	97.7	2.8e-161	100	99
<i>F. mosseae</i> (FR750030)	1e-152	99	99.7	-	-	-	1.5e-159	99.7	98.7	1.3e-152	99.7	97.4	2.8e-161	100	99
<i>F. mosseae</i> (FN547490)	1e-152	99	99.7	-	-	-	1.5e-159	99.7	98.7	1.3e-152	99.7	97.4	1e-152	99	99.7
<i>F. mosseae</i> (AF145735)	1e-162	99.7	99.3	-	-	-	-	-	-	-	-	-	-	-	-
<i>F. caledononium</i> (MH590067)	2e-141	99	96.3	1e-118	100	95.7	2e-141	99	96	2e-134	99	94.3	4e-144	100	96
<i>F. geosporum</i> (JQ048887)	2e-141	99	96.3	1e-117	100	95.4	1e-132	99	94	2e-128	99	93	2e-136	100	95
<i>F. coronatum</i> (FM876795)	3e-139	99	96	7e-115	100	95	1e-138	99	95.7	4e-132	99	94	3e-140	100	96

<i>Septoglomus deserticola</i> (AJ746249)	4e-112	99	89.7	1e-92	100	88.5	5e-111	99	88.7	2e-111	99	88.7	8e-115	100	89.7
<i>Scutellospora calospora</i> (JF439140)	2e-64	66	93.7	4e-61	62	92	9e-64	67	92.6	7e-65	53	93	7e-65	67	93.2
<i>Ambispora gerdemanni</i> (KC166283)	1e-62	50	93.5	1e-58	60	91.1	2e-60	51	91.7	4e-62	51	92.4	4e-62	52	92.4
<i>Acaulospra lacunosa</i> (KP756582)	4e-61	46	96.4	2e-58	54	94.4	2e-60	47	95	4e-62	47	95.8	2e-62	47	95.8
<i>Gigaspora margarita</i> (JF817010)	1e-62	76	93.5	2e-59	61	91.8	2e-60	52	91.8	3e-63	52	93.1	3e-63	77	93.1

* Query coverage, Max. identity

