

**Additional file 1** – Polymorphism found in sequences of 11 loci among 17 genotypes of *Glomus intraradices* from one field and the isolate DAOM181602.

<b>Loci</b>	<b>Aligned length (bp)</b>	<b>Substitutions</b>	<b>Indel</b>
Bg32	273	18	6
Bg42	274	7	5
Bg62	315	0	4
Bg196	315	11	8
Bg235	331	10	6
Bg273	253	5	7
Bg276	314	6	6
Bg303	136	0	2
Bg348	214	0	7
Bg355	332	11	3
nr intron*	280	7	18
Total	3037	75	72

\* the nuclear intron was identified by Croll et al. (2008) in an EST of currently unknown function.