

Table S3. Species identifying results on *Ophiopogon japonicus* by FLMB

Sample ID	tag-primer pairs	Nearest match species of resulting reads and its number	
		Barcode of ITS2	Barcode of <i>psbA-trnH</i>
MD1	i1**/T1	<i>Malva verticillata</i> 98	<i>O. japonicas</i> 724
		<i>P. ginseng</i> 61	<i>Panax sp.</i> 1
		<i>O. japonicas</i> 59	
		<i>S. chinensis</i> 14	
		<i>Tribulus terrestris</i> 13	
		uncultured fungus 9	
		<i>Artemisia tangutica</i> 7	
		<i>Cucumis melo</i> 1	
		<i>Paeonia suffruticosa</i> 1	
		<i>Angelica sinensis</i> 1	
		<i>Koeleria paniculata</i> 1	
		Uncultured Hygrocybe 1	
		2 no-blast-hit	
MD2	i2**/T2	<i>P. ginseng</i> 232	<i>O. japonicas</i> 560
		<i>M. verticillata</i> 109	<i>Panax sp.</i> 14
		<i>O. japonicas</i> 78	<i>M. verticillata</i> 4
		<i>T. terrestris</i> 53	
		<i>S. chinensis</i> 13	
		<i>Artemisia capillaries</i> 9	
		<i>Cimicifuga dahurica</i> 4	
		<i>A. sinensis</i> 2	
		<i>P. suffruticosa</i> 1	
		<i>Sophora japonica</i> 1	
		Uncultured fungus 3	
		7 no-blast-hit	
MD3 (Cell B)	i3**/T3	<i>T. terrestris</i> 227	<i>O. japonicas</i> 736
		<i>M. verticillata</i> 210	<i>Panax sp.</i> 11
		<i>O. japonicas</i> 83	<i>Polygonatum zanlanscianense</i> 1
		<i>P. ginseng</i> 30	<i>T. terrestris</i> 1
		<i>Juglans regia</i> 3	
		<i>S. chinensis</i> 1	
		14 no-blast-hit	
MD4	i4**/T4	<i>P. ginseng</i> 107	<i>O. japonicas</i> 784
		<i>O. japonicas</i> 65	<i>Panax sp.</i> 8
		<i>M. verticillata</i> 63	<i>M. verticillata</i> 1
		<i>S. chinensis</i> 29	1 no-blast-hit
		<i>T. terrestris</i> 27	
		<i>A. sinensis</i> 3	
		8 no-blast-hit	
MD3 (Cell C)	i3*	<i>O. japonicas</i> 127	/
		<i>M. verticillata</i> 89	
		<i>T. terrestris</i> 72	
		<i>P. ginseng</i> 3	

Note: ** The PCR cycles in the preparation of these four ITS2 amplicons were 35+10; * 35 Cycles.
no-blast-hit, resulting reads that with low Max. score or low Identities for top hits in BLAST.