

	1	10	20	30	40	50
<i>Cistanche01</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	..	TGTTACC	C	CATTGAGCCC	
<i>Cistanche02</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	..	TGTTACC	C	CATTGAGCCC	
<i>Cistanche03</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	..	TGTTACC	C	CATTGAGCCC	
<i>C.deserticola01</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	..	TGTTACC	A	CATTGAGCCC	
<i>C.deserticola02</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	..	TGTTACC	A	CATTGAGCCC	
<i>C.salsa</i>	ATGACCAGCCTTGATCGTTATAAAGGACGA	GA	TGTTACC	A	CATTGAGCCC	

	60	70	80	90	100
<i>Cistanche01</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				
<i>Cistanche02</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				
<i>Cistanche03</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				
<i>C.deserticola01</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				
<i>C.deserticola02</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				
<i>C.salsa</i>	GTTCCCTGGAGAAACAGATCAATATATCTGTTATGTAGCTTACCCTTTAGA				

	110	120	130	140	150
<i>Cistanche01</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				
<i>Cistanche02</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				
<i>Cistanche03</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				
<i>C.deserticola01</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				
<i>C.deserticola02</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				
<i>C.salsa</i>	CCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATTGTAGGAA				

	160	170	180	190	200
<i>Cistanche01</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				
<i>Cistanche02</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				
<i>Cistanche03</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				
<i>C.deserticola01</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				
<i>C.deserticola02</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				
<i>C.salsa</i>	ATGTATTTGGATTCAAAGCTCTGCGTGCTCTACGTCTGGAAGATCTGCCA				

	210	220	230	240	250
<i>Cistanche01</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				
<i>Cistanche02</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				
<i>Cistanche03</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				
<i>C.deserticola01</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				
<i>C.deserticola02</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				
<i>C.salsa</i>	ATCCCTCCTGCTTATATTAAAACTTTCCAAAGTCCGCCTCATGGGATCCA				

	260	270	280	290	300
<i>Cistanche01</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				
<i>Cistanche02</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				
<i>Cistanche03</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				
<i>C.deserticola01</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				
<i>C.deserticola02</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				
<i>C.salsa</i>	AGTTGAAAGAGACAAATTGAACAAGTATGGTCGCCTGGGATGTACTATTA				

	310	320	330
<i>Cistanche01</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		
<i>Cistanche02</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		
<i>Cistanche03</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		
<i>C.deserticola01</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		
<i>C.deserticola02</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		
<i>C.salsa</i>	AACCTAAATTGGGTTTATCTGCTAAAAACTACGGTAG		

Figure S2 Comparative sequence analysis of *rbcL*. *Cistanche01-03* represents *Cistanche* (host: *S. tragus*); *C. deserticola01* represents *C. deserticola* (host: *H. ammodendron*); *C. deserticola02* represents *C. deserticola* (host: *A. canescens*).