

**Table S3.** Chloroplast haplotypes and defining variations

Haplotype	No. of accessions	Locus name													
		WCt1 (19, A)	WCt4 (39, T)	WCt5 (19, A)	WCt6a (31, T)	WCt6b (78, C)	WCt6d (113)	WCt8 (44, T)	WCt10a (49, A)	WCt12 (38, T)	WCt17a (39, T)	WCt19 (34, A)	WCt24a (104, A)	WCt24d (38)	<i>trnLFc</i> (276)
HT7-1	1	9	9	12	9	9	G	8	9	12	9	8	9	C	TTTAAAAA
HT7-2	1	9	9	12	9	9	G	8	9	12	10	8	9	C	TTTAAAAA
HT7-3	1	9	9	15	9	8	G	8	10	11	12	8	9	C	TTTAAA
HT7-4	1	10	9	10	9	8	G	8	10	10	10	8	10	C	TTTAAAAA
HT7-5	3	10	9	10	9	8	G	8	10	10	10	8	11	C	TTTAAAAA
HT7-6	2	10	9	10	9	8	G	8	10	10	10	8	AAAAATAAAAAA	C	TTTAAA
HT7-7	1	10	9	10	9	8	G	8	10	10	10	9	11	C	TTTAAA
HT7-8	1	10	9	10	9	9	G	8	10	10	9	8	8	T	TTTAAA
HT7-9	3	10	9	11	8	8	G	8	10	11	11	8	9	C	TTTAAA
HT7-10	1	10	9	11	9	8	G	8	10	10	10	8	11	C	TTTAAA
HT7-11	3	10	9	11	9	8	G	8	10	11	10	8	9	T	TTTAAA
HT7-12	1	10	9	11	9	10	G	8	10	10	12	8	9	T	TTTAAA
HT7-13	1	10	9	11	10	8	G	8	10	11	12	8	9	T	TTTAAA
HT7-14	13	10	9	12	9	9	G	8	9	12	10	8	9	C	TTTAAA
HT7-15	17	10	9	12	9	9	G	8	9	12	11	8	9	C	TTTAAA
HT7-16	5	10	9	12	9	9	G	8	9	12	12	8	9	C	TTTAAA
HT7-17	2	10	9	12	9	9	G	8	9	12	12	8	9	C	TTTAAA
HT7-18	1	10	9	12	9	9	G	8	9	12	13	8	9	C	TTTAAA
HT7-19	1	10	9	12	9	8	G	8	10	10	10	8	11	C	TTTAAA
HT7-20	1	10	9	12	9	9	G	8	10	12	10	8	9	C	TTTAAA
HT7-21	1	10	9	13	9	8	G	9	10	10	11	8	9	C	TTTAAA
HT7-22	1	10	9	13	9	8	G	9	10	9	12	8	9	C	TTTAAA
HT7-23	1	10	9	13	9	8	G	9	10	10	11	8	9	C	TTTAAA
HT7-24	1	10	9	13	9	9	G	8	9	12	12	8	9	C	TTTAAA
HT7-25	1	10	9	13	9	9	G	8	10	11	11	8	9	C	TTTAAA
HT7-26	1	10	9	13	9	9	G	8	10	11	12	8	9	C	TTTAAA
HT7-27	1	10	9	13	10	9	G	8	9	12	11	8	9	C	TTTAAA
HT7-28	1	10	9	14	9	8	G	8	10	11	12	8	10	C	TTTAAA
HT7-29	1	10	9	14	9	8	G	8	10	11	13	8	9	C	TTTAAA
HT7-30	1	10	9	14	9	8	G	8	10	12	12	8	10	C	TTTAAA
HT7-31	1	10	9	14	9	8	G	9	10	10	11	8	9	C	TTTAAA
HT7-32	1	10	9	15	9	9	G	8	10	11	12	8	9	C	TTTAAA
HT7-33	1	10	9	16	9	8	G	8	10	11	10	8	10	C	TTTAAA
HT7-34	1	10	10	11	8	8	G	8	11	11	9	8	10	C	TTTAAA
HT7-35	15	10	10	11	8	8	G	8	11	11	9	8	11	C	TTTAAA
HT7-36	1	10	10	12	8	8	G	8	11	11	9	8	11	C	TTTAAA
HT16A	1	10	9	10	9	8	T	8	10	10	11	8	11	C	TTTAAA
HT16B	2	10	9	10	9	8	T	8	10	10	11	8	10	C	TTTAAA
HT16C	1	10	9	11	8	8	T	8	10	11	10	8	9	C	TTTAAA
HT16D	7	10	9	11	9	8	T	8	9	10	10	8	9	C	TTTAAA
HT16E	1	10	9	11	9	8	T	8	10	10	9	8	9	C	TTTAAA
HT16F	3	10	9	11	9	8	T	8	10	10	10	8	10	C	TTTAAA
HT16G	2	11	9	11	9	8	T	8	10	10	10	8	10	C	TTTAAA
HT16H	1	10	9	11	9	8	T	8	10	10	10	8	11	C	TTTAAA
HT16I	1	10	9	11	9	8	T	8	10	10	11	8	10	C	TTTAAA
HT16J	12	10	9	11	9	8	T	8	10	11	9	8	9	C	TTTAAA
HT16K	7	10	9	11	9	8	T	8	10	11	9	8	10	C	TTTAAA

HT16L	5	10	9	11	9	8	T	8	10	11	10	8	9	C	TTTAAAA
HT16M	1	10	9	12	9	8	T	8	9	10	11	8	10	C	TTTAAA
HT16N	2	10	9	12	9	8	T	8	10	10	9	8	11	C	TTTAAA
HT16O	1	10	9	12	9	8	T	8	10	11	11	9	9	C	TTTAAAA
HT16P	1	10	9	13	9	8	T	8	10	11	10	8	9	C	TTTAAA

Locus positions, based on aligned sequences, counted from the nucleotide next to the 3' end of the forward primer are in parentheses. For microsatellite loci, their repeat units also are given.

The WCt17 locus was amplified using WCt17 forward and WCt18 reverse primers [14].

*trnLFC* is in the intergenic spacer region between the *trnL* (UAA) and *trnF* (GAA) genes [16].