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OPEN Author Correction: Comparison of eight complete chloroplast genomes of the endangered Aquilaria tree species (Thymelaeaceae) and their phylogenetic relationships

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This Article contains errors in the gene names.

This has resulted in errors in Figure 5, and in Table 6. The correct Figure 5 appears below as Figure 1, and the correct Table 6 appears below as Table 1.

Additionally, in the Results and discussion section under subheading 'Identification of highly variable regions within the Aquilaria cp genomes',

"They are in the range from 0 to 0.01370 (Fig. 5). There are nine highly divergent regions (Pi > 0.005), divided between the intergenic spacer (IGS) region (trnD-trnY, trnT-trnL, trnL-trnF, trnFndhJ, trnV-trnM) and the coding sequence (CDS) regions (matK-rps16, rpoC1-rpoC2, petA-cemA and rpl32) (Fig. 5). In total, there are 144 variable sites, 72 parsimony informative sites and Pi values from 0.00630 to 0.01370, in the nine regions (Table 6). Among these, rpl32 has the most nucleotide variation (0.01370). Meanwhile, we found that the IR region is extremely conserved (Pi < 0.005) because highly variable region/divergent sequences were not found."

should read:

"They are in the range from 0 to 0.01244 (Fig. 5). There are nine highly divergent regions (Pi > 0.006), divided between the intergenic spacer (IGS) region (matK-rps16, ndhC-trnV, ndhF-rpl32, psbJ-petA and trnT-trnL) and the coding sequence (CDS) regions (accD, trnD, trnF and ycf3) (Fig. 5). In total, there are 207 variable sites, 75 parsimony informative sites and Pi values from 0.00706 to 0.01244, in the nine regions (Table 6). Among these, ndhF-rpl32 has the most nucleotide variation (0.01244). Meanwhile, we found that the IR region is extremely conserved (Pi < 0.006) because highly variable region/divergent sequences were not found."

Finally, in the Conclusion section,

"Comparison of the eight Aquilaria cp genomes revealed 832 LSR and nine divergent regions (trnD-trnY, trnTtrnL, trnL-trnF, trnF-ndhJ, trnV-trnM, matK-rps16, rpoC1-poC2, petA-cemA and rpl32)."

should read:

"Comparison of the eight Aquilaria cp genomes revealed 832 LSR and nine divergent regions (matK-rps16, trnD, ycf3, trnT-trnL, trnF, ndhC-trnV, psbJ-petA, accD, and ndhF-rpl32)."

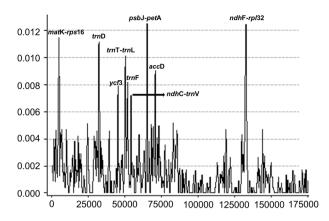


Figure 1. A correct version of the original Figure 5.

No	High variable marker	Length (bp)	Variable sites	Parsimony informative sites	Nucleotide diversity (Pi)
1	matK-rps16	605	17	10	0.01093
2	trnD	1,017	27	11	0.01077
3	ycf3	1,022	15	2	0.00792
4	trnT-trnL	801	28	9	0.01012
5	trnF	619	14	6	0.00815
6	ndhC-trnV	1,033	16	1	0.00706
7	psbJ-petA	804	34	14	0.01208
8	accD	865	20	10	0.00905
9	ndhF-rpl32	1,328	36	12	0.01244
Total		8,094	207	75	0.08852

Table 1. A correct version of the original Table 6.

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