Nucleotide sequence of *Chlamydomonas moewusii* chloroplastic tRNA<sub>thr</sub>

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Following the physical mapping of *Chlamydomonas moewusii* chloroplastic DNA (1), we selected clones on the basis of their hybridization with positively light-regulated transcripts from the same organism (2, 3). One such clone containing a 13.5 kb insert was subcloned and a *SalI*-*XbaI* 2.4 kb fragment sequenced. It contained, among other features, a 1,689 bp ORF 563 (4) similar to ORF 513 from the chloroplastic genome of *Marchantia polymorpha* (5) and a (tgt) tRNA<sup>thr</sup> spanning nucleotides –602 to –528 with respect to ORF 563 initiation codon.

For comparison, in *M. polymorpha* a similar (tgt) tRNA<sup>thr</sup> is located about 26,000 bp downstream from ORF 513, indicating evolutionary rearrangements; moreover in this organism a (ttg) tRNA<sup>sin</sup> can be found between –245 and –176 (5).

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REFERENCES


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1 GCTTGCTTAG CTCAATCCGG TAGAGCTTTG GTTTTGTAAA
41 CCAAGGTTA TCGGCTCAAG TCGGATAGCA AGCT
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