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Q. alba          CCCTCGCCCCCTCCTGCGCC-AAACTCCTTTTACCCTGCGACC---T
Q. marilandica CCCTCGCCCCC-CCTGCGC--AAACTCCTCTTGCCCTCGTTCCGCAT
Q. montana     CC-TCGCCCCCTCCTGCGC--AAACTCCTTTTACCTTGCGACC---T
Q. nigra       CCCTCGCCCCC-CCTGCGC--AAACTCCTCTTGCCCT-CGATCGCAT
Q. stellata    CCCTCGCCCCCTCCTGCGC--AAACTCTTTTACCTTGCGACC---T

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Fig. 4.4. Sample alignment of select segments of the nuclear ribosomal internally transcribed spacer (ITS) region of four oak species (*Quercus*) using ClustalW. Highlighted bases represent putative transitions (substitution of a purine for a purine, or pyrimidine for a pyrimidine; yellow) and transversions (substitution of a purine for a pyrimidine or vice versa; blue).