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Nucleotide sequence of the gene for an aminoacyl-tRNA synthetase. The polypeptide sequence is translated from and shown next to the DNA sequence. Regions of the polypeptide checked by mass spectrometric analyses are indicated by darker shading. The top section (amino terminal) is shown tightly organized into a core which is resistant to proteases, while the bottom half is a looser structure. See page 1497. [Computer-assisted, gene-polypeptide representation by Alan Wechsler, Benson Margulies, Francee Linden, Scott D. Putney, and Paul Schimmel (Massachusetts Institute of Technology Computer Center and Department of Biology, Cambridge 02139)]