

## Structure of yeast phenylalanine transfer RNA at 2.5 Å resolution

(x-ray diffraction/tRNA conformation/hydrogen bonding)

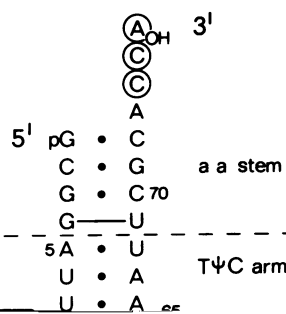
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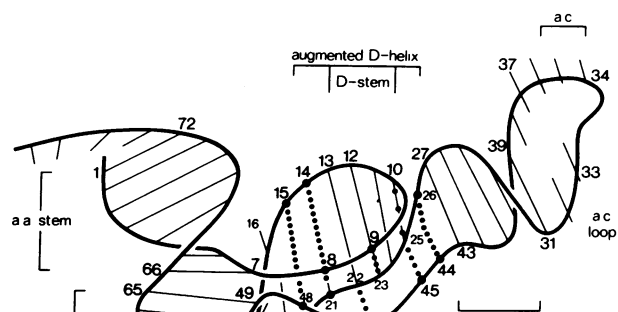
Communicated by F. H. C. Crick, August 11, 1975

**ABSTRACT** The x-ray analysis of the monoclinic form of the exposed amino-acid and anticodon stems. A number of

Yeast tRNA<sup>Phe</sup>  
(a)



D arm





Interaction of TVC and D loops

favorable mutual orientations and separation distances. In

two together might not help form some signal for a prelimi-

7. Barrell, B. G. & Clark, B. F. C. (1974) *Handbook of Nucleic*

nary binding sites. It is clear, however, that one is only at the

*Acid Sequences* (Iovinson-Bruvvers, Oxford).