

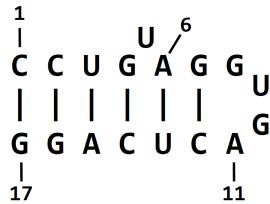
Quest

As a practice, let's try the following modeling task.

Sequence:

CCUGUAGGUGACUCAGG

Proposed secondary structure



That's what you need to do

1. Create fasta and secstruct.
2. Thread in the GNRA tetra-loop from 2GIS (pdb id), residue 49-54.
3. Build an ideal helix for residue 1-3, 15-17
4. Using the two pdb files from above steps as input, set up a FARFAR job and generate some models.