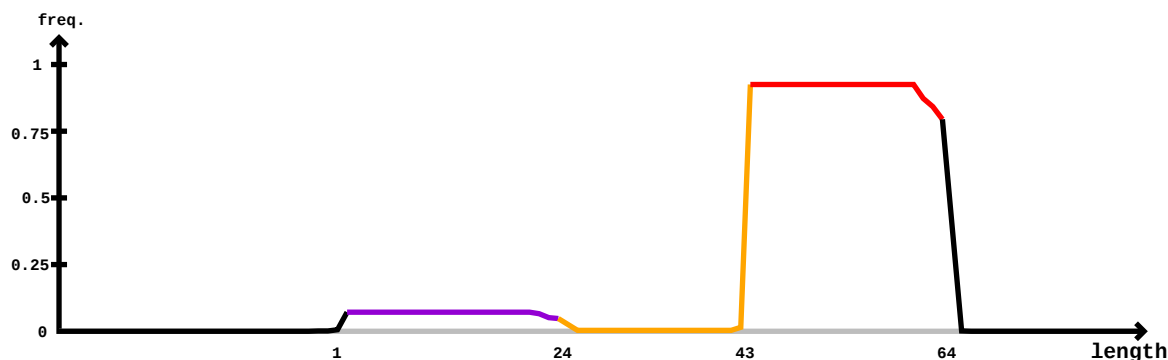


Diagram illustrating the secondary structure of the 16S rRNA gene from *Escherichia coli*. The sequence is shown as a double-stranded molecule with base pairing indicated by vertical lines. The 5' end is labeled '5'' and the 3' end is labeled '3''. The sequence is color-coded: red for the first few bases, purple for the next several, orange for the next, and blue for the last few.



## Mature

[illegible]

## Star

## Mature

|                                                                                                                 |     |   |     |
|-----------------------------------------------------------------------------------------------------------------|-----|---|-----|
| auacaggauucagaguuccugaggugcaggacuuagccagcuuugugaacagaucugugaaagcccauguuacacaguggcuaaguuccgcuccucagaggccaucucuca |     |   |     |
| .....uucacagAggcuaaguuccgc.....                                                                                 | 3   | 1 | s02 |
| .....uucacaguggUuaaguuccgc.....                                                                                 | 2   | 1 | s02 |
| .....uucacaguggcuaaguucAgc.....                                                                                 | 18  | 1 | s02 |
| .....uucacaguggcuaaguuccgU.....                                                                                 | 63  | 1 | s02 |
| .....uucacGguggcuaaguuccgc.....                                                                                 | 1   | 1 | s02 |
| .....uucacaguggcuaaguuccgA.....                                                                                 | 1   | 1 | s02 |
| .....uucacaguggcuaaguuccgcu.....                                                                                | 40  | 0 | s02 |
| .....uucacaguggcuaaguucAgcU.....                                                                                | 1   | 1 | s02 |
| .....uucacaguggcuaaguucUgcU.....                                                                                | 103 | 1 | s02 |
| .....uucacaguggcuaaguuccgCA.....                                                                                | 2   | 1 | s02 |
| .....uucacaguggcuaaguuccgUu.....                                                                                | 6   | 1 | s02 |
| .....uucacaguggcuaaguuccgcuU.....                                                                               | 1   | 1 | s02 |
| .....ugcaggacuuagccagcuuugug.....                                                                               | 1   | 0 | s01 |
| .....caggacuuagccagcuuugugaac.....                                                                              | 2   | 0 | s01 |
| .....aggacuuagccagcuuugugaa.....                                                                                | 1   | 0 | s01 |
| .....aggacuuagccagcuuugugaac.....                                                                               | 8   | 0 | s01 |
| .....aggacuuagccagcuuugugaaca.....                                                                              | 7   | 0 | s01 |
| .....gaucugugaaagcccaug.....                                                                                    | 1   | 0 | s01 |
| .....uucacaguggUuaaguuc.....                                                                                    | 2   | 1 | s01 |
| .....uucacaguggcuaaguucc.....                                                                                   | 8   | 0 | s01 |
| .....uucacaguggcuaaguuccg.....                                                                                  | 14  | 0 | s01 |
| .....uucacaguggcuaaCuuccg.....                                                                                  | 1   | 1 | s01 |
| .....uucacaguggcUaaguuccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaagGuccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaguucGgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaguuccgA.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaAuuccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucGcaguggcuaaguuccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaguGccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaguuccgc.....                                                                                 | 196 | 0 | s01 |
| .....uucacaguggcuaaguuccgU.....                                                                                 | 6   | 1 | s01 |
| .....uucacagGggcuaaguuccgc.....                                                                                 | 1   | 1 | s01 |
| .....uucacaguggcuaaguucAgc.....                                                                                 | 3   | 1 | s01 |
| .....uucacaguggcuaaguuccgcu.....                                                                                | 56  | 0 | s01 |
| .....uucacaguggcuaagGuccgcu.....                                                                                | 1   | 1 | s01 |
| .....uucacaguggcuaaguucUgcU.....                                                                                | 15  | 1 | s01 |
| .....uucacaguggcuaaAuuccgcu.....                                                                                | 1   | 1 | s01 |
| .....uucacagGggcuaaguuccgcu.....                                                                                | 1   | 1 | s01 |
| .....uucacaguggcuaaguuccgcC.....                                                                                | 1   | 1 | s01 |
| .....uucacaguggcuaaguuccgcA.....                                                                                | 2   | 1 | s01 |
| .....uucacGguggcuaaguuccgcu.....                                                                                | 1   | 1 | s01 |
| .....uucacaguggcuaaguuccgUu.....                                                                                | 1   | 1 | s01 |