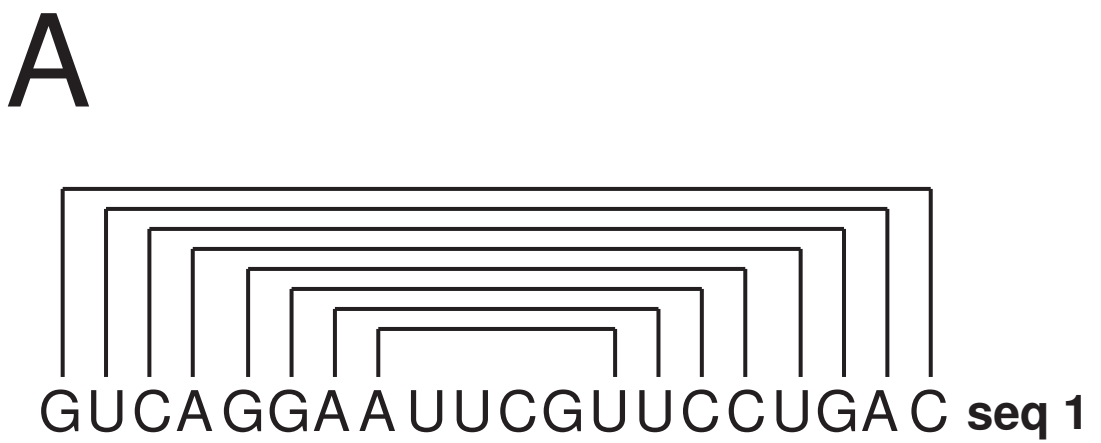


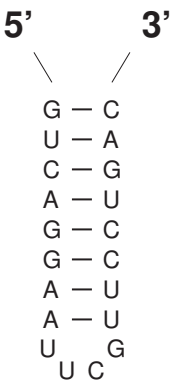


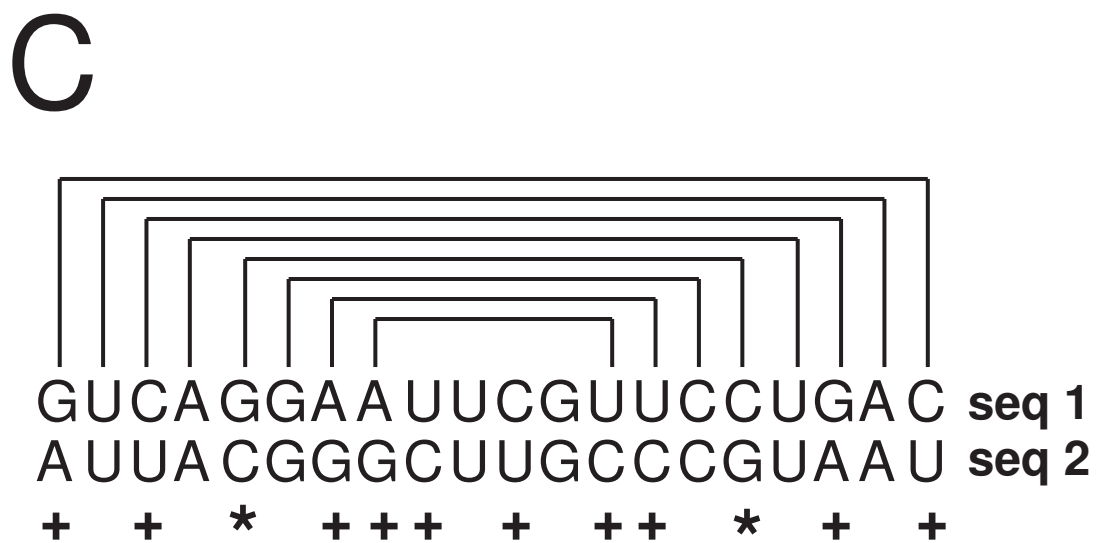


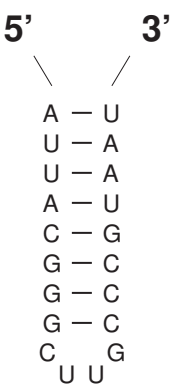


**A**. Sequence #1. Base-paired nucleotides are connected with horizontal and vertical lines. **B**. Secondary structure of Sequence #1. **C**. Alignment of Sequences #1 and #2. Differences between them are identified with a "+" for transitions (purine-to-purine or pyrimidine-to-pyridmidine changes), and a "*" for transversions (purine-to-pyrimidine or pyrimidine-to-purine changes). **D**. Secondary structure of Sequence #2.