

Diagram illustrating three RNA hairpin structures, each with a stem and a loop. The bases are color-coded: red for C, blue for U, green for A, and black for G. The stems are labeled with 'Y' and 'R' at the top, and 'Y' and 'R' at the bottom. The loops are labeled with 'C' and 'U' at the top, and 'C' and 'U' at the bottom.

Structure 1 (Left): The stem consists of 8 base pairs: Y-R, C-G, C-G, A-U, A-U, A-U, R-Y, and R-Y. The loop consists of 6 unpaired bases: C, U, C, C, U, and C.

Structure 2 (Middle): The stem consists of 8 base pairs: Y-R, C-G, R-Y, C-G, R-Y, R-Y, Y-R, and A-U. The loop consists of 8 unpaired bases: C, U, C, C, U, C, C, and C.

Structure 3 (Right): The stem consists of 8 base pairs: Y-R, G-C, C-G, R-Y, G-C, Y-R, C-G, and C-G. The loop consists of 6 unpaired bases: C, U, C, C, U, and C.