

The diagram illustrates a complex RNA secondary structure. At the bottom, the 5' end is labeled. The structure features several stem-loops and unpaired regions. Base pairs are indicated by horizontal lines: A-U, G-C, Y-R, and C-G. Unpaired nucleotides are shown as single letters. The structure is highly branched, with multiple stems of varying lengths and several loops. The 5' end is labeled with a red dot and a '5'-' symbol. The structure is composed of red and grey letters, with some letters (A, U, G, C) appearing in both colors. The overall shape is a complex, multi-layered structure with many unpaired nucleotides and several base-paired regions.