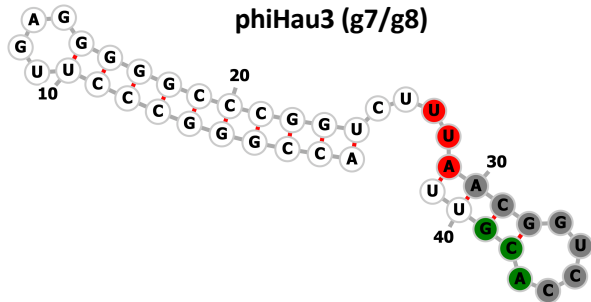


[illegible]

The diagram illustrates an RNA secondary structure with 40 nucleotides. The sequence is shown as a chain of circles, each containing a nucleotide base (A, U, C, G). The structure is folded into several loops and stems. Nucleotides are numbered 10, 20, 30, and 40. Red dots indicate base pairs. Mutations are highlighted: a red 'U' at position 25, a red 'U' at position 26, a green 'G' at position 27, a green 'A' at position 28, a red 'A' at position 29, and a green 'A' at position 30. The sequence is: 1-A, 2-A, 3-A, 4-G, 5-G, 6-G, 7-C, 8-U, 9-G, 10-G, 11-C, 12-U, 13-G, 14-A, 15-C, 16-G, 17-G, 18-G, 19-G, 20-C, 21-C, 22-C, 23-A, 24-G, 25-U, 26-U, 27-G, 28-A, 29-A, 30-A, 31-U, 32-A, 33-G, 34-G, 35-C, 36-A, 37-U, 38-U, 39-U, 40-U.