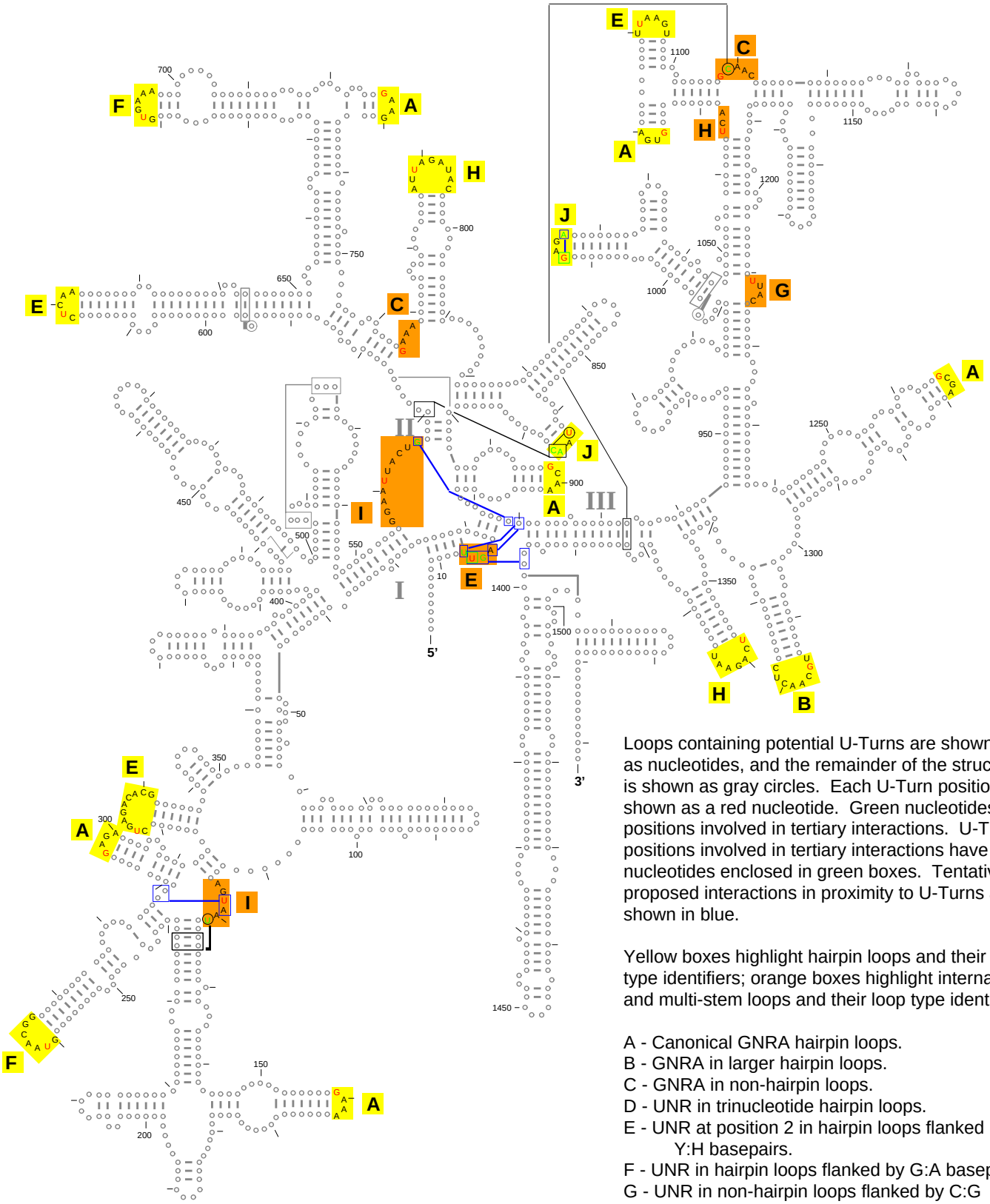
Potential U-Turns: small subunit ribosomal RNA
Shown on the *Escherichia coli* secondary structure



Loops containing potential U-Turns are shown as nucleotides, and the remainder of the structure is shown as gray circles. Each U-Turn position is shown as a red nucleotide. Green nucleotides show positions involved in tertiary interactions. U-Turn positions involved in tertiary interactions have red nucleotides enclosed in green boxes. Tentatively proposed interactions in proximity to U-Turns are shown in blue.

Yellow boxes highlight hairpin loops and their loop type identifiers; orange boxes highlight internal and multi-stem loops and their loop type identifiers.

A - Canonical GNRA hairpin loops.
B - GNRA in larger hairpin loops.
C - GNRA in non-hairpin loops.
D - UNR in trinucleotide hairpin loops.
E - UNR at position 2 in hairpin loops flanked by Y:H basepairs.
F - UNR in hairpin loops flanked by G:A basepairs.
G - UNR in non-hairpin loops flanked by C:G basepairs.
H - UNR in loops flanked by other basepairs.
I - UNR in loops without flanking basepairs.
J - Ambiguous UNR/GNRA exchanges.