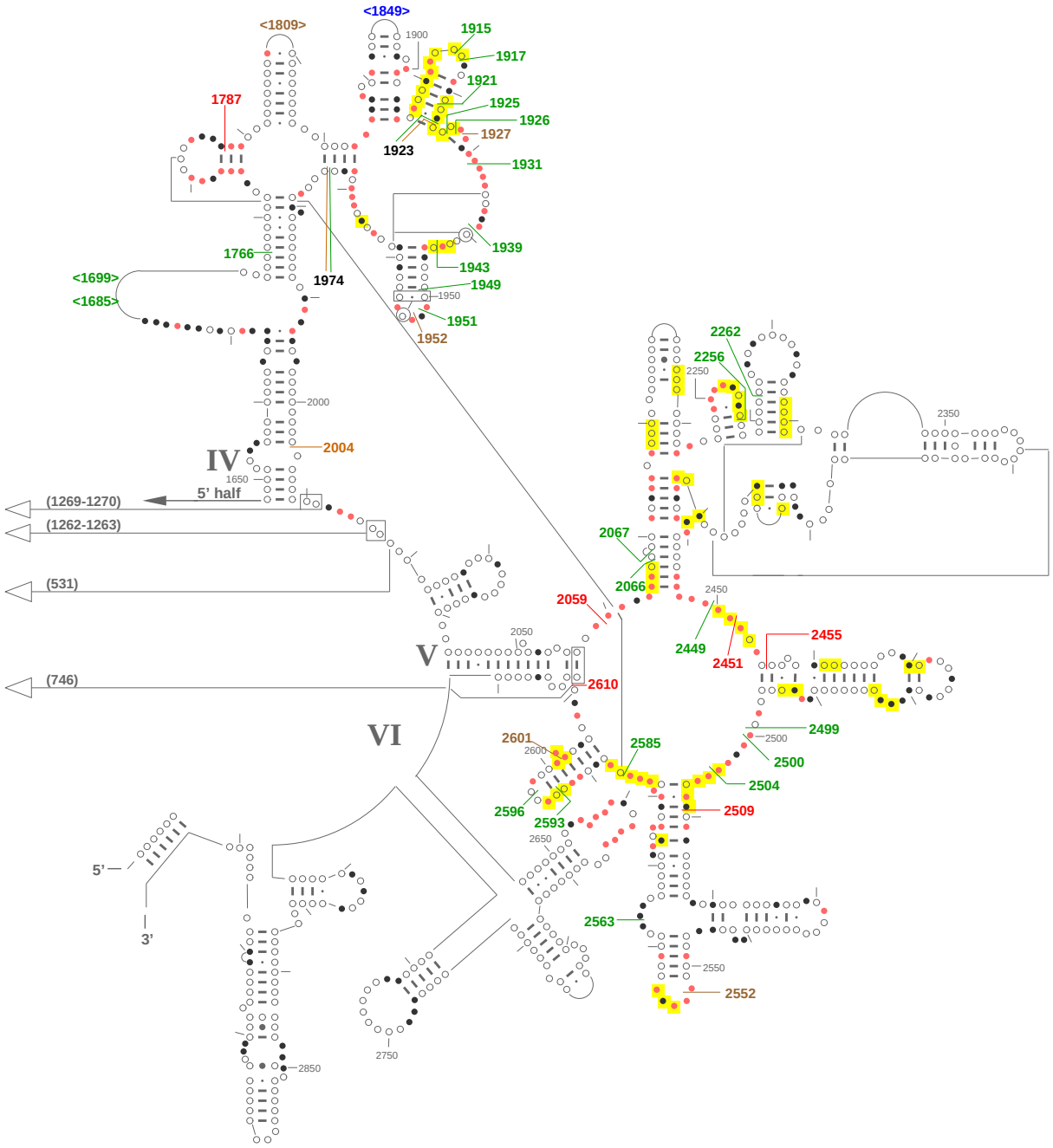
rRNA Introns: Intron Positions in 23S rRNA, 3' half Shown on the Three Phylogenetic Domains/ Two Organelles Conservation Diagram (Data from 14 February 2002)



Three Phylogenetic Domains/ Two Organelles

Positions with a nucleotide in more than 95% of the sequences are shown in one of three categories:

- ● - 98+% conserved
- ● - 90-98% conserved
- ○ - less than 90% conserved

Otherwise, the regions are represented by arcs.

Conservation Data Last Updated: July 2001
Intron Position Data Last Updated: February 2002

Reference sequence and structure: *Escherichia coli (J01695)*
1.cellular organisms

- - Insertion points of Group I introns
- - Insertion points of Group II introns
- - Insertion points of Archaeal non-Group I/II introns
- - Insertion points of Spliceosomal non-Group I/II introns
- - Insertion points of non-Group I, II, Archaeal, Spliceosomal introns

Yellow highlights show proximity (within 10.0 Angstroms) to the A, P, and E sites (based upon PDB entry 1GIY).

Position numbers listed in <> are not conserved in the Three Phylogenetic Domains/Two Organelles sequence alignment.

Citation and related information available at http://www.rna.icmb.utexas.edu