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