rRNA Introns: Intron Positions in 23S rRNA, 5’ half
Shown on the Three Phylogenetic Domains/Two Organelles Conservation Diagram
(Data from 14 February 2002)

Three Phylogenetic Domains / Two Organelles

Reference sequence and structure: Escherichia coli (J01695)

1. cellular organisms

Positions with a nucleotide in more than 95% of the sequences are shown in one of three categories:
- 98-99% conserved
- 90-99% 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

• 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