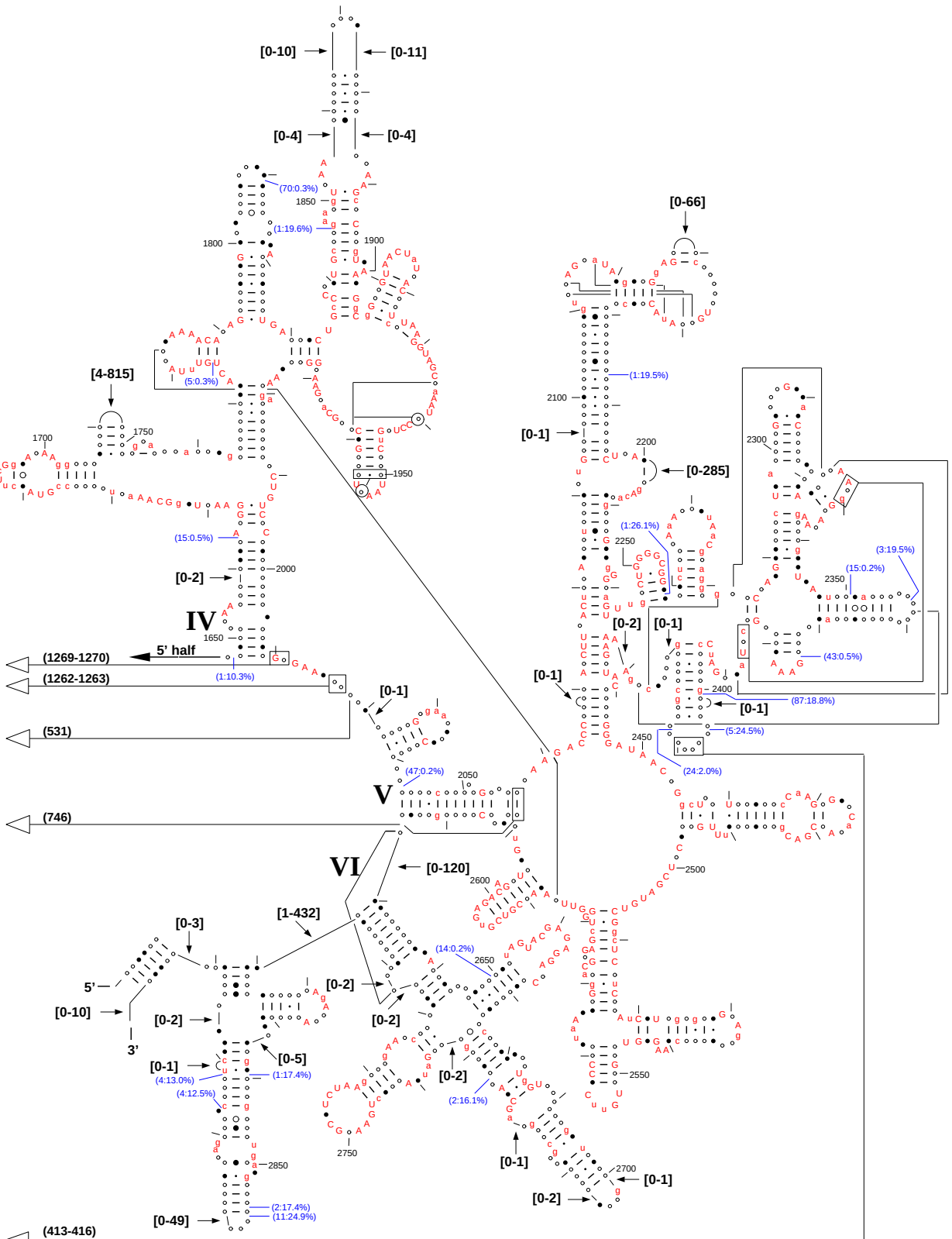
# Phylogenetic conservation superimposed onto the *Escherichia coli* Large Subunit rRNA secondary structure - 3' half




## *Three Phylogenetic Domains*

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

ACGU - 98+% conserved
acgu - 90-98% conserved
• - 80-90% conserved
◦ - less than 80% conserved

Otherwise, the regions are represented by arcs.
Arc labels indicate the upper and lower number of nucleotides known to exist within the associated variable region.

**Reference sequence and structure:** *Escherichia coli (J01695)*
1.cellular organisms
November 2001
Number of sequences: 592

Blue tags indicate insertions relative to the reference sequence.
Insertions that appear are:
(1) length 1-4 in more than 10% of sequences
(2) length 5 or greater in at least one sequence
with format:
(Max. Length of Insertion:Percentage of seqs with any length insertion)

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