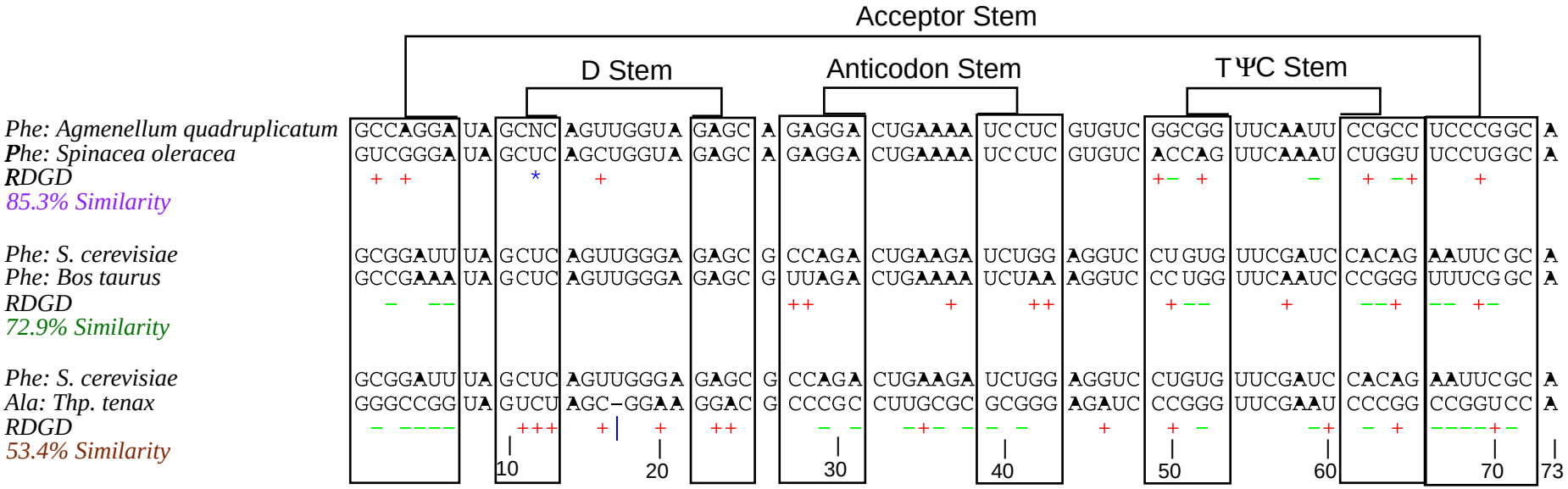

Figure 1. Reddot-greendot examples from tRNA. Symbols used: +: transition; -: transversion; |: deletion; *: ambiguous nucleotide. Experimentally verified helices from the secondary structure are boxed and connected with black lines. Nucleotide position numbers refer to the S.cerevisiae Phe reference sequence. Sequence names are shown as *amino acid:organism*.

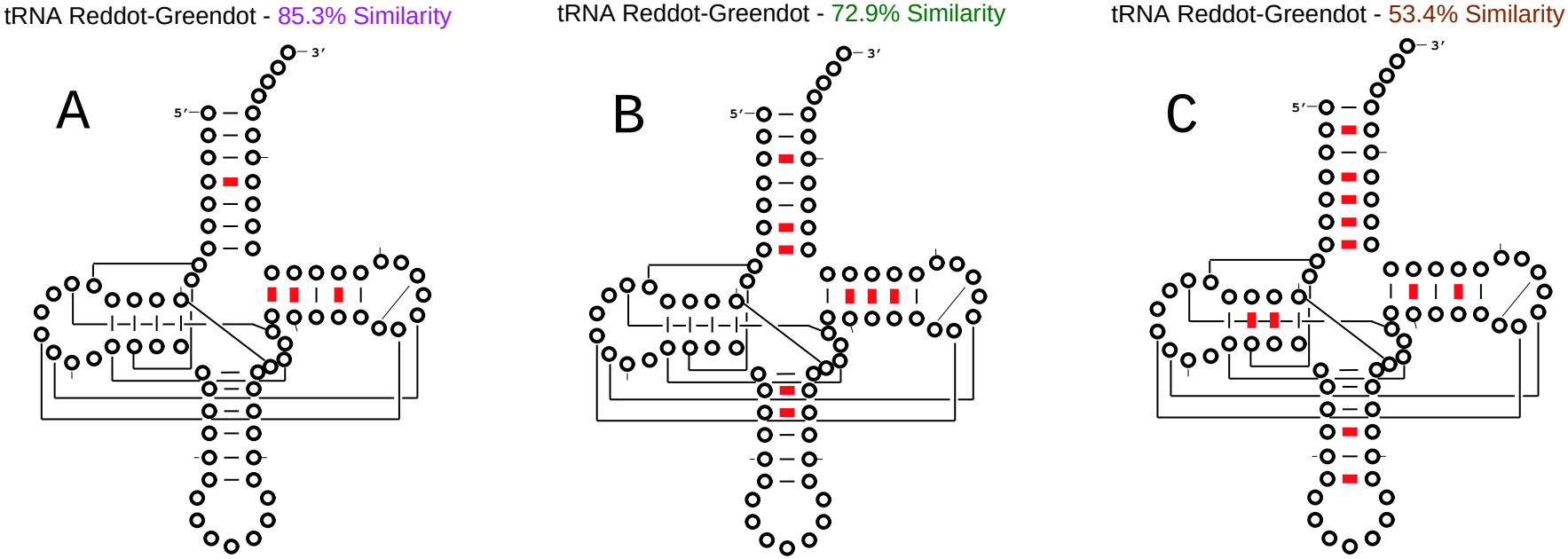

Figure 2. Results of the reddot-greendot analysis shown on tRNA secondary structure diagrams. Base pairs which are predicted with the method are shown with red tick marks. **A**. Sequences with 85.3% similarity. **B**. 72.9% similarity. **C**. 53.4% similarity.