

The diagram illustrates the evolution of a protein-coding sequence (top) and a non-coding sequence (bottom) over time. The top panel shows a sequence of green blocks (exons) and blue blocks (introns) with arrows indicating the direction of evolution. The bottom panel shows a sequence of green blocks (exons) and blue blocks (introns) with arrows indicating the direction of evolution. The top panel is labeled 'Coding' and the bottom panel is labeled 'Non-coding'.

