

The diagram illustrates the structure of a protein-coding gene and its non-coding regions. The top section, labeled "Coding", shows a sequence of exons (green blocks) and introns (black blocks) connected by arrows, representing the process of transcription and splicing. The bottom section, labeled "Non-coding", shows a sequence of exons (green blocks) connected by arrows, representing the process of transcription and translation. The diagram is set against a grid background.

