

The diagram illustrates the structure of a protein-coding gene and its non-coding transcript. The top section, labeled "Coding", shows a sequence of exons (orange rectangles) and introns (lines) connected by arrows, leading to a large orange rectangle representing the protein. The bottom section, labeled "Non-coding", shows a similar sequence of exons and introns, but the final exon is a small orange rectangle, and the transcript ends with a blue rectangle, indicating a non-coding RNA product.

