

The diagram illustrates a gene structure on a grid. The top row is labeled 'Coding' and contains a single continuous black bar representing an exon. The bottom row is labeled 'Non-coding' and contains several black bars of varying sizes connected by arrows, representing exons and introns. The arrows indicate the direction of transcription and splicing. The gene structure is shown in a simplified manner, with exons represented by black bars and introns represented by lines with arrows.

