

Figure 1: Schematic representation of the coding and non-coding regions of the human genome. The top panel shows the coding regions, which are represented by colored blocks (green, blue, black) and arrows indicating the direction of transcription. The bottom panel shows the non-coding regions, which are represented by colored blocks (green, blue, black) and arrows indicating the direction of transcription. The legend on the right indicates that green represents coding regions, blue represents non-coding regions, and black represents the mitochondrial genome.

