

The diagram is divided into two horizontal panels. The top panel is labeled 'Coding' on the right. It shows a sequence of colored blocks representing amino acids. A top sequence of 15 blocks (green, green, green, green, green, green, black, blue, blue, blue, blue, blue, blue, blue, green) is connected by arrows. A bottom sequence of 4 blocks (green, green, green, green) is also connected by arrows. The bottom sequence is positioned below the top sequence, starting from the 4th block. The bottom panel is labeled 'Non-coding' on the right. It shows a sequence of colored blocks representing nucleotides. A top sequence of 4 blocks (green, green, green, green) is connected by arrows. A bottom sequence of 10 blocks (green, green, green, green, green, green, black, blue, blue, blue) is also connected by arrows. The bottom sequence is positioned below the top sequence, starting from the 1st block.

