

The diagram illustrates the evolution of a protein-coding sequence from a non-coding sequence. It is divided into two main sections: 'Coding' and 'Non-coding'.

Coding Section: This section shows a sequence of 12 steps. The first step is a green bar. The second step is a green bar with a blue vertical line. The third step is a green bar with a blue vertical line and a black vertical line. The fourth step is a green bar with a blue vertical line and a black vertical line. The fifth step is a green bar with a blue vertical line and a black vertical line. The sixth step is a green bar with a blue vertical line and a black vertical line. The seventh step is a green bar with a blue vertical line and a black vertical line. The eighth step is a green bar with a blue vertical line and a black vertical line. The ninth step is a green bar with a blue vertical line and a black vertical line. The tenth step is a green bar with a blue vertical line and a black vertical line. The eleventh step is a green bar with a blue vertical line and a black vertical line. The twelfth step is a green bar with a blue vertical line and a black vertical line.

Non-coding Section: This section shows a sequence of 4 steps. The first step is a green bar. The second step is a green bar with a blue vertical line. The third step is a green bar with a blue vertical line. The fourth step is a green bar with a blue vertical line.

