

The diagram is divided into two main horizontal sections: "Coding" and "Non-coding".

**Coding Section:** This section shows the flow of genetic information. It starts with a DNA double helix (black and orange bars) and an arrow pointing to a single-stranded DNA molecule (black bar). This is followed by an arrow pointing to a pre-mRNA molecule (black bar with orange segments). An arrow then points to a mature mRNA molecule (black bar with orange segments). Finally, an arrow points to a protein molecule (blue bar).

**Non-coding Section:** This section shows the flow of genetic information for non-coding RNA. It starts with a DNA double helix (black and orange bars) and an arrow pointing to a single-stranded DNA molecule (black bar). This is followed by an arrow pointing to a pre-miRNA molecule (black bar with orange segments). An arrow then points to a mature miRNA molecule (black bar with orange segments). Finally, an arrow points to a protein molecule (blue bar).

Cytochrome B561, N terminal  
IDR

Non-coding

