

GGAACCAAGGTTCGG

AAGGACCAAGGTTCGG

CGGACCAAGGTTCGG

The image shows a 3D model of a DNA double helix. The two strands are intertwined, with the sugar-phosphate backbones on the outside and the nitrogenous bases on the inside. The bases are color-coded: Adenine (A) is green, Guanine (G) is yellow, Cytosine (C) is blue, and Thymine (T) is red. The model is oriented horizontally, showing the sequence GGAACCAAGGTTCGG on the top strand and its complementary sequence CGGACCAAGGTTCGG on the bottom strand. The bases are connected to the backbones by hydrogen bonds, forming the characteristic twisted ladder structure.