



chromatin remodeling complex acts on the chromatin structure. Chromatin remodeling complex is a complex of proteins that can alter the structure of chromatin. It can move nucleosomes along the DNA, remove nucleosomes, and replace nucleosomes with histones. This process is essential for gene expression and development. The chromatin remodeling complex is composed of several subunits, including histone chaperones, histone-modifying enzymes, and histone removal factors. The complex can be recruited to a specific site on the DNA by a gene activator protein. Once recruited, the complex can act on the chromatin structure in several ways. It can move nucleosomes along the DNA, repositioning them to expose the TATA box. It can also remove nucleosomes, exposing the TATA box. Alternatively, it can replace histones with new ones, also exposing the TATA box. Finally, it can add modifications to the histones, which can also affect gene expression.

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