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DNA Major Groove Binding

National Cancer Institute

Source

National Cancer Institute. *DNA Major Groove Binding*. NCI Thesaurus. Code C40493.

DNA Major Groove Binding involves temporary non-covalent interaction through intermolecular physical forces of attraction by a protein or low molecular weight ligand with double-stranded DNA in the larger (major) groove formed between successive turns by the double helical structure, in either a sequence dependent or independent fashion.