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NURF

National Cancer Institute

Source

National Cancer Institute. *NURF*. NCI Thesaurus. Code C19801.

The Drosophila NURF complex catalyzes nucleosome sliding. The Nurf301 subunit contains a bromodomain transcription factor domain, a zinc finger binding domain, nuclear localization signals, and motifs associated with rapid protein degradation. The HMGA/HMGI(Y)-like domain of Nurf301 facilitates nucleosome sliding. Nurf301 also interacts with sequence-specific transcription factors, providing a basis for targeted recruitment of the NURF complex to specific genes. (from OMIM 601819, SWISS-PROT Q24572, O77460, Q24368, and NCI)