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Transcription Initiation

National Cancer Institute

Source

National Cancer Institute. *Transcription Initiation*. NCI Thesaurus. Code C20147.

Transcription Initiation involves RNA polymerase (and usually other factors) binding at a specific gene promoter DNA site followed by local DNA unwinding and inauguration of the 5-prime to 3-prime biosynthesis of an RNA transcript complementary to the DNA template.