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DNase-I Footprinting

National Cancer Institute

Source

National Cancer Institute. *DNase-I Footprinting*. NCI Thesaurus. Code C19898.

A DNA footprinting method which is commonly used for analyzing specific protein-DNA interactions. In this technique, a restriction fragment containing a specific binding site is labeled at one end and digested with DNaseI. The result is a ladder of bands, representing the various sites at which DNase I cuts. The distribution of radioactivity is visualized by autoradiography.