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MicroRNA Synthesis

National Cancer Institute

Source

National Cancer Institute. *MicroRNA Synthesis*. NCI Thesaurus. Code C92662.

A process that begins with the synthesis of a pri-miRNA from a DNA template by RNA Polymerase II, which is then enzymatically processed to produce a pre-miRNA intermediate by the microprocessor complex, and ends with the release of the mature miRNA from the pre-miRNA catalyzed by the enzyme Dicer.