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Molecular Fingerprint of Tumor

National Cancer Institute

Source

National Cancer Institute. *Molecular Fingerprint of Tumor*. NCI Thesaurus. Code C19966.

All cell types, depending on their functions, have unique, identifiable "signatures" - special characteristics such as which genes are active and what proteins or other cellular products are manufactured by the cell. During transformation of a normal cell to a cancer cell, the signature changes, and that change becomes a signal of the presence of cancer. (Bypass Budget)