

[Open Peer Review on Qeios](#)

# Direct Sequencing

National Cancer Institute

## Source

National Cancer Institute. *Direct Sequencing*. NCI Thesaurus. Code C116154.

A technique used to identify the sequence of individual nucleobases in a single strand of DNA fragment template, which can be a plasmid insert, genomic DNA or a PCR product. In addition, direct sequencing of genomic DNA or PCR products does not require sub-cloning of the gene of interest into a vector.