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Depth of coverage

National Cancer Institute (NCI)

Source

National Cancer Institute (NCI). Depth of coverage.

Refers to the number of times a nucleotide is read during sequencing. A greater depth of coverage can increase confidence in the final results. Deep coverage aids in differentiating sequencing errors from single nucleotide polymorphisms. This can be specifically useful when a patient has a mosaicism or when a tumor is heterogeneous for a mutation.