

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

slow5 format

RRID:SCR_027155

Type: Tool

Proper Citation

slow5 format (RRID:SCR_027155)

Resource Information

URL: <https://hasindu2008.github.io/slow5specs/>

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Description: File format for storing signal data from Oxford Nanopore Technologies sequencing devices. SLOW5 can be encoded in human-readable ASCII format, or more compact and efficient binary format (BLOW5) - this is analogous to the seminal SAM/BAM format for storing DNA sequence alignments.

Abbreviations: SLOW5

Resource Type: standard specification, data or information resource, narrative resource

Defining Citation: [PMID:34980914](#)

Keywords: File format, storing signal data, Oxford Nanopore Technologies, sequencing devices,

Availability: Free, Freely available

Resource Name: slow5 format

Resource ID: SCR_027155

Record Creation Time: 20250704T053740+0000

Record Last Update: 20260815T042929+0000

Ratings and Alerts

No rating or validation information has been found for slow5 format.

No alerts have been found for slow5 format.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Gamaarachchi H, et al. (2025) The enduring advantages of the SLOW5 file format for raw nanopore sequencing data. GigaScience, 14.