ncbi /
sra-tools

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01. Downloading SRA Toolkit

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Andrew Klymenko edited this page on Mar 19 · **40 revisions**

NCBI SRA Toolkit

Below are the latest releases of various tools and release checksum file.

SRA Toolkit

Compiled binaries/install scripts of March 18, 2025, version 3.2.1:

- AlmaLinux 64 bit architecture - non-sudo tar archive
- Ubuntu Linux 64 bit architecture - non-sudo tar archive
- Cloud - apt-get install script - for Debian and Ubuntu - requires sudo permissions
- Cloud - yum install script - for AlmaLinux - requires sudo permissions
- MacOS x86 64 bit architecture
- MacOS Arm64 bit architecture
- MS Windows 64 bit architecture
- Docker image repository
- md5 checksums

Magic-BLAST

Magic-BLAST is a tool for mapping large next-generation RNA or DNA sequencing runs against a whole genome or transcriptome

- Magic-BLAST executables for LINUX, MacOSX, and Windows as well as the source files are available on the FTP site
- Read more about Magic BLAST on the FTP site

Third Party Software

Builds of Third Party Software Tools with SRA support:

- HISAT2 version 2.2.1-ngs.3.2.1 - graph-based alignment of next generation sequencing reads to a population of genomes with direct support of SRA, built for:
  - [AlmaLinux 64 bit architecture](#)

Latest Source Code

- [NCBI VDB Software Development Kit](#) – March 18, 2025, version 3.2.1 release
- [NCBI SRA Toolkit](#) – March 18, 2025, version 3.2.1 release

File checksums

You may validate downloaded files with [md5 checksums](#) computed using ***md5sum -b***

Note

The NGS SDK releases are in (https://github.com/ncbi/sra-tools/wiki/09.-Downloading-NGS-SDK)

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▸   **09. Downloading NGS SDK**

▸   **Avoid using ascp directly for downloads**

▸   **Building and Installing from Source**

▸   **Building from source : configure options explained**

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