

# 01. Downloading SRA Toolkit

Jump to bottom

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## **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
- <u>Cloud yum install script</u> 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 <u>FTP site</u>

### **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 (<a href="https://github.com/ncbi/sra-tools/wiki/09.-Downloading-NGS-SDK">https://github.com/ncbi/sra-tools/wiki/09.-Downloading-NGS-SDK</a>)

**▼ Pages** 26

Find a page...

- **▶** Home
- **▼ 01. Downloading SRA Toolkit**

NCBI SRA Toolkit

**SRA Toolkit** 

Magic-BLAST

Third Party Software

Latest Source Code

File checksums

Note  > 02. Installing SRA Toolkit  > 03. Quick Toolkit Configuration  > 04. Cloud Credentials  > 05. Toolkit Configuration  > 06. Connection Timeouts  > 07. Network Access  > 08. prefetch and fasterq dump  > 09. Downloading NGS SDK  > Avoid using ascp directly for downloads  > Building and Installing from Source  > Building from source : configure options explained  > Download On Demand  > FAQ  Show 11 more pages	23, 3.40 / ((v)	on powing six trookie means at cools with
<ul> <li>O3. Quick Toolkit Configuration</li> <li>O4. Cloud Credentials</li> <li>O5. Toolkit Configuration</li> <li>O6. Connection Timeouts</li> <li>O7. Network Access</li> <li>O8. prefetch and fasterq dump</li> <li>O9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source: configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>		Note
<ul> <li>O4. Cloud Credentials</li> <li>O5. Toolkit Configuration</li> <li>O6. Connection Timeouts</li> <li>O7. Network Access</li> <li>O8. prefetch and fasterq dump</li> <li>O9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source: configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	→ 02.	Installing SRA Toolkit
<ul> <li>D5. Toolkit Configuration</li> <li>D6. Connection Timeouts</li> <li>D7. Network Access</li> <li>D8. prefetch and fasterq dump</li> <li>D9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source: configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	→ 03.	Quick Toolkit Configuration
<ul> <li>&gt; 06. Connection Timeouts</li> <li>&gt; 07. Network Access</li> <li>&gt; 08. prefetch and fasterq dump</li> <li>&gt; 09. Downloading NGS SDK</li> <li>&gt; Avoid using ascp directly for downloads</li> <li>&gt; Building and Installing from Source</li> <li>&gt; Building from source: configure options explained</li> <li>&gt; Download On Demand</li> <li>&gt; FAQ</li> </ul>	<b>→ 04.</b>	Cloud Credentials
<ul> <li>O7. Network Access</li> <li>O8. prefetch and fasterq dump</li> <li>O9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source : configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	→ 05.	Toolkit Configuration
<ul> <li>O8. prefetch and fasterq dump</li> <li>O9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source: configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	▶ 06.	Connection Timeouts
<ul> <li>O9. Downloading NGS SDK</li> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source : configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	<b>▶ 07.</b>	Network Access
<ul> <li>Avoid using ascp directly for downloads</li> <li>Building and Installing from Source</li> <li>Building from source: configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	▶ 08.	prefetch and fasterq dump
<ul> <li>Building and Installing from Source</li> <li>Building from source : configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	▶ 09.	Downloading NGS SDK
<ul> <li>Building from source : configure options explained</li> <li>Download On Demand</li> <li>FAQ</li> </ul>	▶ Av	oid using ascp directly for downloads
<ul> <li>▶ Download On Demand</li> <li>▶ FAQ</li> </ul>	→ Bu	ilding and Installing from Source
► FAQ	→ Bu	ilding from source : configure options explained
	→ Do	wnload On Demand
Show 11 more pages	→ FA	2
	Show 1	1 more pages

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https://github.com/ncbi/sra-tools.wiki.git

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