

Resource Summary Report

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[bcl2fastq](#)

RRID:SCR_015058

Type: Tool

Proper Citation

bcl2fastq (RRID:SCR_015058)

Resource Information

URL: https://support.illumina.com/sequencing/sequencing_software/bcl2fastq-conversion-software.html

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Description: Conversion software developed by Illumina that both demultiplexes data and converts BCL files generated by Illumina sequencing systems to standard FASTQ file formats for downstream analysis.

Synonyms: bcl2fastq2, bcl2fastq2 Conversion Software v2.20

Resource Type: software processing resource

Keywords: bcl file, illumina, sequencing, fastq, conversion software

Availability: Restricted

Resource Name: bcl2fastq

Resource ID: SCR_015058

Alternate URLs: <http://emea.support.illumina.com/downloads/bcl2fastq-conversion-software-v2-20.html>

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260815T182513+0000

Ratings and Alerts

No rating or validation information has been found for bcl2fastq .

No alerts have been found for bcl2fastq .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4149 mentions in open access literature.

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

Elizondo G, et al. (2026) Acute arrhythmias in a long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency mouse model. *American journal of physiology. Heart and circulatory physiology*, 330(2), H484.

Brodsky AL, et al. (2026) Combination Therapy with Copanlisib and Niraparib in Patients with Recurrent Endometrial and Ovarian Cancer (COPANIRA): Efficacy, Toxicity, and Translational Insights. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(7), 1234.

Mekonnen YT, et al. (2026) Detection of Chlamydia ibidis in the neck skin microbiome of broiler carcasses at the end of slaughter. *Italian journal of food safety*, 15(2).

Vasseur D, et al. (2026) Transcription Factor Subtype Governs Response and Resistance to DLL3-Directed T-Cell Engagement in Small Cell Lung Cancer. *bioRxiv : the preprint server for biology*.

Stanojcic S, et al. (2026) Stranded short nascent strand sequencing reveals the topology of DNA replication origins in *Trypanosoma brucei*. *eLife*, 14.

Eme-Solan E, et al. (2026) Remodeling of skull bone channels regulates immune infiltration into the meninges during neuroinflammation. *Immunity*, 59(1), 116.

Wanket C, et al. (2026) Continuity of eastern Beringian megafauna phylogenetic diversity following deposition of the Late Pleistocene Dawson tephra. *Arctic, antarctic, and alpine research*, 58(1).

Blais A, et al. (2026) PFOS and PFOA exposure induces liver injury and sex-dependent immune effects in C57BL/6 mice. *iScience*, 29(2), 114693.

Altendorf L, et al. (2026) Molecular changes during AT/RT progression associated with epithelial-mesenchymal transition and extracellular matrix changes. *Acta neuropathologica*, 152(1).

Lee HG, et al. (2026) Molecular Mosaics: Unveiling Heterogeneity in Synchronous Colorectal Cancers. *Cancer research and treatment*, 58(1), 264.

Heron C, et al. (2026) Molecular determinants of cardiac lymphatic dysfunction in a chronic pressure-overload model. *EMBO molecular medicine*, 18(1), 325.

Aalling NN, et al. (2026) Sustained diabetes remission induced by FGF1 involves a shift in transcriptionally distinct AgRP neuron subpopulations. *Molecular metabolism*, 103,

102300.

Lazare S, et al. (2026) Postoperative Lymph Is a Proximal Source of ctDNA for Detection of Recurrence in HPV-Independent Head and Neck Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(1), 135.

Stahl S, et al. (2026) Aging of the adaptive immune system affects the gut microbiome and systemic levels of vitamin B6. *Microbiome*, 14(1).

Yan Y, et al. (2026) Ecotypes of triple-negative breast cancer in response to chemotherapy. *Nature*, 654(8120), 1088.

Orcel E, et al. (2026) UMI-guided single locus sequence typing method for phylotyping *Cutibacterium acnes* from skin samples. *Frontiers in cellular and infection microbiology*, 16, 1807759.

Steeghs N, et al. (2026) Tumor-localized CD40 agonism with MP0317, a FAP x CD40 DARPIn, reprograms the tumor microenvironment in patients with advanced solid tumors: an open-label, nonrandomized, dose-escalation phase 1 study. *Nature cancer*, 7(5), 810.

Rius Rigau A, et al. (2026) Deep phenotyping of skin tissue remodeling in patients with systemic sclerosis treated with CD19-CAR T cells. *Nature communications*, 17(1).

Albuquerque RA, et al. (2026) Kinetics of local C3 production orchestrates neutrophil recruitment in lung injury. *bioRxiv : the preprint server for biology*.

Porter D, et al. (2026) N1M??U-modified mRNA vaccines break the mold in fish by enhancing innate immune activation. *Molecular therapy. Nucleic acids*, 37(1), 102862.