

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: 20260808T190038+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](#) .

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.

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.

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*.

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.

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).

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

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.

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.

Zaibi N, et al. (2026) Chronic NH₄Cl loading improves glucose tolerance without modifying insulin sensitivity in mice. *Scientific reports*, 16(1), 7048.

Shrestha A, et al. (2026) Sperm RNA landscape during sexual maturation in Duroc boars. *BMC genomics*, 27(1), 197.

Zhang T, et al. (2026) Mucosal DNA methylation reveals immune-related methylation profile and correlates with crohn's disease status. *Scientific reports*, 16(1), 2848.

Wang N, et al. (2026) Obesity impairs spermatogenesis via Leydig cell ferroptosis induced by liver-derived exosomal miR-122-5p. *Communications biology*, 9(1).

Unger L, et al. (2026) Defective HNF1A hinders GLI3 processing favoring duodenal versus pancreatic fate, thus leading to intestinal elongation in vivo. *Genes & development*, 40(11-12), 805.

Teo QW, et al. (2026) TRIM21 is a molecular rheostat for influenza A virus replication. *bioRxiv* : the preprint server for biology.

Alvarado DA, et al. (2026) Effects of Soluble Corn Fiber Consumption on Executive Functions and Gut Microbiota in Middle to Older Age Adults: A Randomized Controlled Crossover Trial. *The Journal of nutrition*, 156(5), 101473.

Pradhan R, et al. (2026) Neuid: A Novel Neuron-Enriched LncRNA that Connects Epigenetic Gene Silencing to Alzheimer's Disease. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(29), e14972.

Matkovi?? N, et al. (2026) Spatial transcriptomic map of the mouse urinary bladder. *Scientific reports*, 16(1).