

Resource Summary Report

Generated by T1D on Jul 29, 2026

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: 20260725T190805+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 3756 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

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

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.

Liharska LE, et al. (2026) A study of gene expression in the living human brain. *Molecular psychiatry*, 31(1), 137.

Martins R, et al. (2026) Homeostatic control of energy metabolism by monocyte-derived macrophages. *The EMBO journal*, 45(1), 106.

Kama Y, et al. (2026) Notch interaction with RUNX factors regulates initiation of the T-lineage program. *The Journal of experimental medicine*, 223(2).

Browne IM, et al. (2026) The Prognostic and Predictive Impact of ctDNA Levels in Patients with Advanced Breast Cancer Enrolled on the plasmaMATCH Trial. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(1), 148.

Kuang S, et al. (2026) NEAT1 Promotes Epileptogenesis in Tuberous Sclerosis Complex. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(1), e04316.

Popek M, et al. (2026) Astrocytic TCF7L2 Impacts Brain Osmoregulation and Restricts Neuronal Excitability. *Glia*, 74(2), e70103.

Madorsky Rowdo FP, et al. (2025) Kinome-Focused CRISPR-Cas9 Screens in African Ancestry Patient-Derived Breast Cancer Organoids Identify Essential Kinases and Synergy of EGFR and FGFR1 Inhibition. *Cancer research*, 85(3), 551.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Elias R, et al. (2025) Clear-Cell Renal Cell Carcinoma Molecular Subtypes Differ by African and European Genetic Similarity. *Cancer research communications*, 5(5), 743.

Boshnakovska A, et al. (2025) SMIM20 promotes complex IV biogenesis and Ca²⁺ signaling in mice heart. *Cell reports*, 44(6), 115723.

Littler S, et al. (2025) Targeting SUMOylation in ovarian cancer: Sensitivity, resistance, and the role of MYC. *iScience*, 28(6), 112555.

Tesi B, et al. (2025) Validation of Guidelines for Genetic Investigation of Myeloid Neoplasms with Germline Predisposition: Results from a Prospective Cohort Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(14), 3062.

Renatino Canevarolo R, et al. (2025) Epigenetic Plasticity Drives Carcinogenesis and Multi-Therapy Resistance in Multiple Myeloma. *Research square*.

Eigenbrood J, et al. (2025) Spatial Profiling Identifies Regionally Distinct Microenvironments and Targetable Immunosuppressive Mechanisms in Pediatric Osteosarcoma Pulmonary Metastases. *Cancer research*, 85(12), 2320.

Haahr T, et al. (2025) Efficacy of clindamycin and LACTIN-V for in vitro fertilization patients with vaginal dysbiosis: a randomised double-blind, placebo-controlled multicentre trial. *Nature communications*, 16(1), 5166.

Alessandrini F, et al. (2025) TDP-43 dysfunction compromises UPF1-dependent mRNA metabolism in ALS. *Neuron*.

Elliott MJ, et al. (2025) Ultrasensitive Detection and Monitoring of Circulating Tumor DNA Using Structural Variants in Early-Stage Breast Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(8), 1520.

Pavan C, et al. (2025) PARKIN protein-deficient iPSC line (FINi006-A) from an early-onset Parkinson's disease female patient. *Stem cell research*, 87, 103795.