

# Resource Summary Report

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## Cuffmerge

RRID:SCR\_015688

Type: Tool

### Proper Citation

Cuffmerge (RRID:SCR\_015688)

### Resource Information

**URL:**

<http://software.broadinstitute.org/cancer/software/genepattern/modules/docs/Cuffmerge/3>

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**Description:** The main purpose of Cufflinks.cuffmerge is to merge together several Cufflinks assemblies, making it easier to produce an assembly GTF file suitable for use with Cufflinks.cuffdiff. Cufflinks.cuffmerge also runs Cuffcompare in the background and automatically filters out transcribed fragments (transfrags) that are likely to be artifacts. Trapnell C, Hendrickson D, Sauvageau S, Goff L, Rinn JL, Pachter L. Differential analysis of gene regulation at transcript resolution with RNA-seq. Nature Biotechnology. 2013;31:46-53.

**Resource Type:** software tool

**Resource Name:** Cuffmerge

**Resource ID:** SCR\_015688

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260801T190527+0000

### Ratings and Alerts

No rating or validation information has been found for Cuffmerge.

No alerts have been found for Cuffmerge.

### Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 937 mentions in open access literature.

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

Singh P, et al. (2025) Alternative mRNA splicing in anthracycline-induced cardiomyopathy - a COG-ALTE03N1 report. *Cardio-oncology* (London, England), 11(1), 47.

Cornelissen FMG, et al. (2025) The translome of glioblastoma. *Molecular oncology*, 19(3), 716.

Zhang J, et al. (2025) Engineered EVs from LncEEF1G - overexpressing MSCs promote fibrotic liver regeneration by upregulating HGF release from hepatic stellate cells. *Experimental & molecular medicine*, 57(3), 584.

Kim H, et al. (2025) Genome Evolution of Two Intertidal Sargassum Species (*S. fusiforme* and *S. thunbergii*) and Their Response to Abiotic Stressors. *Genome biology and evolution*, 17(5).

Yu Z, et al. (2025) Selectively Inhibition of MAPK pathway showed positive effects on Porcine embryo-derived stem cells pluripotency. *Scientific reports*, 15(1), 39974.

Liu J, et al. (2025) lncRNA-ZFAS1, an Emerging Gate-Keeper in DNA Damage-Dependent Transcriptional Regulation. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(31), e12385.

Singh AK, et al. (2025) Epigenetic modulation rescues neurodevelopmental deficits in *Syngap1*<sup>+/-</sup> mice. *Aging cell*, 24(3), e14408.

Lin X, et al. (2025) Upregulation of miR-151a-5p in high DFI sperm induces DNA damage and mitochondrial dysfunction by targeting INPP4B and VAMP1. *Reproductive biology and endocrinology : RB&E*, 23(1), 141.

Huang Y, et al. (2025) Nitrogen source type modulates heat stress response in coral symbiont (*Cladocopium goreaui*). *Applied and environmental microbiology*, 91(2), e0059124.

Hailati J, et al. (2025) Targeting PDCD4 in cancer and atrial fibrillation: mechanistic insights from integrated multi-omics and single-cell analysis. *Frontiers in oncology*, 15, 1593815.

Wu C, et al. (2025) A chromosome-level genome assembly of the *Hermonassa cecilia* (Lepidoptera: Noctuidae). *Scientific data*, 12(1), 1011.

Bo J, et al. (2025) High resolution of full-length RNA sequencing deciphers massive transcriptome complexity during zebrafish embryogenesis. *BMC biology*, 23(1), 155.

Liu H, et al. (2025) Maize big embryo 6 reveals roles of plastidial and cytosolic prephenate aminotransferases in seed and plant development. *The Plant cell*, 37(6).

Li Y, et al. (2025) Cancer-associated fibroblast-induced lncRNA WARS2-IT1 confers radioresistance of colorectal cancer via enhancing HIF-1 $\alpha$  stability. *Cell death & disease*, 16(1), 823.

Koul S, et al. (2025) Mapping the Subtype-Specific PARP1 ADP-ribosylated Proteome in Breast Cancer Cells. *bioRxiv : the preprint server for biology*.

Thadtapong N, et al. (2025) Pathogenic Characteristics of Shrimp Early Mortality Syndrome (EMS)-Causing *Vibrio parahaemolyticus*: A Comparative Transcriptomic Study Suggests the Relationship Between Metabolic Fitness and Virulence Gene Expression. *Environmental microbiology reports*, 17(6), e70219.

Wang H, et al. (2025) Comparative transcriptomes reveal insights into different host responses associated with *Fusarium* head blight resistance in wheat. *BMC plant biology*, 25(1), 509.

Chen Z, et al. (2025) Placental whole transcriptome expression profile in patients with early-onset, late-onset preeclampsia and gestational diabetes mellitus. *Scientific reports*, 15(1), 19476.

Cheng Y, et al. (2025) Comprehensive multi-omics analysis uncovers potential risks of aged sperm on offspring development after short-term storage. *BMC biology*, 23(1), 264.

Ruiz-Solaní N, et al. (2025) Exogenous bacterial cellulose induces plant tissue regeneration through the regulation of cytokinin and defense networks. *Science advances*, 11(7), eadr1509.