

Resource Summary Report

Generated by [ASWG](#) on Aug 3, 2026

RUM

RRID:SCR_008818

Type: Tool

Proper Citation

RUM (RRID:SCR_008818)

Resource Information

URL: <http://cbil.upenn.edu/RUM/>

Proper Citation: RUM (RRID:SCR_008818)

Description: An alignment, junction calling, and feature quantification pipeline specifically designed for Illumina RNA-Seq data.

Abbreviations: RUM

Synonyms: Rna seq Unified Mapper

Resource Type: software resource

Keywords: bio.tools

Resource Name: RUM

Resource ID: SCR_008818

Alternate IDs: OMICS_01249, biotools:rum

Alternate URLs: <https://bio.tools/rum>, <https://github.com/itmat/rum/wiki>

Record Creation Time: 20220129T080249+0000

Record Last Update: 20260801T190404+0000

Ratings and Alerts

No rating or validation information has been found for RUM.

No alerts have been found for RUM.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Han L, et al. (2020) Lamin B2 Levels Regulate Polyploidization of Cardiomyocyte Nuclei and Myocardial Regeneration. *Developmental cell*, 53(1), 42.

Cooke M, et al. (2019) Differential Regulation of Gene Expression in Lung Cancer Cells by Diacylglycerol-Lactones and a Phorbol Ester Via Selective Activation of Protein Kinase C Isozymes. *Scientific reports*, 9(1), 6041.

Rohacek AM, et al. (2017) ESRP1 Mutations Cause Hearing Loss due to Defects in Alternative Splicing that Disrupt Cochlear Development. *Developmental cell*, 43(3), 318.

Thangam M, et al. (2015) CRCDA--Comprehensive resources for cancer NGS data analysis. *Database : the journal of biological databases and curation*, 2015.

Andiappan AK, et al. (2015) Genome-wide analysis of the genetic regulation of gene expression in human neutrophils. *Nature communications*, 6, 7971.

Xu J, et al. (2012) SGK3 is associated with estrogen receptor expression in breast cancer. *Breast cancer research and treatment*, 134(2), 531.

Kurek KC, et al. (2012) Somatic mosaic activating mutations in PIK3CA cause CLOVES syndrome. *American journal of human genetics*, 90(6), 1108.