

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

PASSion

RRID:SCR_005867

Type: Tool

Proper Citation

PASSion (RRID:SCR_005867)

Resource Information

URL: <https://trac.nbic.nl/passion/>

Proper Citation: PASSion (RRID:SCR_005867)

Description: A pattern growth algorithm based pipeline for splice site detection in paired-end RNA-Seq data.

Abbreviations: PASSion

Resource Type: software resource

Resource Name: PASSion

Resource ID: SCR_005867

Alternate IDs: OMICS_01246

Record Creation Time: 20220129T080232+0000

Record Last Update: 20260905T132542+0000

Ratings and Alerts

No rating or validation information has been found for PASSion.

No alerts have been found for PASSion.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Wagenaar N, et al. (2025) Perinatal Arterial Stroke Treated With Stromal Cells Intranasally: 2-Year Safety and Neurodevelopment. *Stroke*, 56(9), 2410.

Niu M, et al. (2022) CRBPDL: Identification of circRNA-RBP interaction sites using an ensemble neural network approach. *PLoS computational biology*, 18(1), e1009798.

Zhou Y, et al. (2022) Effect of esketamine on perioperative depressive symptoms in major surgery patients (PASSION II): study protocol for a randomised controlled trial. *BMJ open*, 12(4), e056713.

Manzoor F, et al. (2022) Assessment of mental health of medical personnel during COVID-19: insights from Pakistan. *Heliyon*, 8(12), e11824.

Zhang Y, et al. (2022) Prospective comparison of acupuncture with sham acupuncture to determine impact on sedation and analgesia in mechanically ventilated critically ill patients (PASSION study): protocol for a randomised controlled trial. *BMJ open*, 12(8), e059741.

Heuthorst L, et al. (2021) High prevalence of ulcerative appendicitis in patients with ulcerative colitis. *United European gastroenterology journal*, 9(10), 1148.

Alser M, et al. (2021) Technology dictates algorithms: recent developments in read alignment. *Genome biology*, 22(1), 249.

Bianconi D, et al. (2020) Microvascular density assessed by CD31 predicts clinical benefit upon bevacizumab treatment in metastatic colorectal cancer: results of the PassionATE study, a translational prospective Phase II study of capecitabine and irinotecan plus bevacizumab followed by capecitabine and oxaliplatin plus bevacizumab or the reverse sequence in patients in mCRC. *Therapeutic advances in medical oncology*, 12, 1758835920928635.

Rao AB, et al. (2020) Leveraging Hierarchical Self-Assembly Pathways for Realizing Colloidal Photonic Crystals. *ACS nano*, 14(5), 5348.

Wu J, et al. (2013) OLego: fast and sensitive mapping of spliced mRNA-Seq reads using small seeds. *Nucleic acids research*, 41(10), 5149.

Zhang Y, et al. (2012) PASSion: a pattern growth algorithm-based pipeline for splice junction detection in paired-end RNA-Seq data. *Bioinformatics (Oxford, England)*, 28(4), 479.