Resource Summary Report

Generated by NIF on Apr 18, 2025

Trowel

RRID:SCR_012890
Type: Tool

Proper Citation

Trowel (RRID:SCR_012890)

Resource Information

URL: http://sourceforge.net/projects/trowel-ec/

Proper Citation: Trowel (RRID:SCR_012890)

Description: An error correction module for Illumina sequencing reads, which is based on the k-mer spectrum approach.

Abbreviations: Trowel

Synonyms: Trowel - Error Correction Module for Illumina Sequencing Reads, Trowel - Sequencing Error Corrector

Resource Type: software resource

Keywords: c++, illumina, bio.tools

Funding:

Availability: Apache License

Resource Name: Trowel

Resource ID: SCR_012890

Alternate IDs: OMICS_01111, biotools:trowel

Alternate URLs: https://bio.tools/trowel/

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250410T070314+0000

Ratings and Alerts

No rating or validation information has been found for Trowel.

No alerts have been found for Trowel.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Lee B, et al. (2017) DUDE-Seq: Fast, flexible, and robust denoising for targeted amplicon sequencing. PloS one, 12(7), e0181463.

Laehnemann D, et al. (2016) Denoising DNA deep sequencing data-high-throughput sequencing errors and their correction. Briefings in bioinformatics, 17(1), 154.

Akogwu I, et al. (2016) A comparative study of k-spectrum-based error correction methods for next-generation sequencing data analysis. Human genomics, 10 Suppl 2(Suppl 2), 20.

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

Kamada M, et al. (2015) Whole-Genome Sequencing and Comparative Genome Analysis of Bacillus subtilis Strains Isolated from Non-Salted Fermented Soybean Foods. PloS one, 10(10), e0141369.