

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

## Trowel

RRID:SCR\_012890

Type: Tool

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### Proper Citation

Trowel (RRID:SCR\_012890)

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### 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

**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:** 20260815T182450+0000

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### Ratings and Alerts

No rating or validation information has been found for Trowel.

No alerts have been found for Trowel.

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## Data and Source Information

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

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## 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.