

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 14, 2025

## Lighter

RRID:SCR\_024095

Type: Tool

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### Proper Citation

Lighter (RRID:SCR\_024095)

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### Resource Information

**URL:** <https://github.com/mourisl/Lighter>

**Proper Citation:** Lighter (RRID:SCR\_024095)

**Description:** Software tool as kmer-based error correction method for whole genome sequencing data. Lighter uses sampling rather than counting to obtain set of kmers that are likely from the genome. Using this information, Lighter can correct the reads containing sequence errors.

**Synonyms:** lighter

**Resource Type:** data analysis software, software application, software resource, data processing software

**Defining Citation:** [PMID:25398208](https://pubmed.ncbi.nlm.nih.gov/25398208/)

**Keywords:** kmer-based error correction method, whole genome sequencing data, correct the reads containing sequence errors,

**Funding:**

**Availability:** Free, Available for download, Freely available,

**Resource Name:** Lighter

**Resource ID:** SCR\_024095

**Alternate URLs:** <https://sources.debian.org/src/lighter/>

**License:** GPL-3.0 license

**Record Creation Time:** 20230824T050212+0000

**Record Last Update:** 20250412T060625+0000

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## Ratings and Alerts

No rating or validation information has been found for Lighter.

No alerts have been found for Lighter.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.