

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## Necklace

RRID:SCR\_016103

Type: Tool

### Proper Citation

Necklace (RRID:SCR\_016103)

### Resource Information

**URL:** <https://github.com/Oshlack/necklace/wiki>

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**Description:** Software that combines reference and assembled transcriptomes for RNA-Seq analysis. It replaces many manual steps in the pipeline of RNA-Seq analyses involving species with incomplete genome or annotations.

**Synonyms:** Lace software

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

**Defining Citation:** [PMID:28836999](#)

**Keywords:** RNA, Transcriptome, Non-model species, bio.tools

**Availability:** Free, Available for download

**Resource Name:** Necklace

**Resource ID:** SCR\_016103

**Alternate IDs:** biotools:necklace

**Alternate URLs:** <https://bio.tools/necklace>

**License:** GPL-3.0

**Record Creation Time:** 20220129T080328+0000

**Record Last Update:** 20260728T043510+0000

### Ratings and Alerts

No rating or validation information has been found for Necklace.

No alerts have been found for Necklace.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Sen S, et al. (2023) De novo transcriptome assembly from the nodal root growth zone of hydrated and water-deficit stressed maize inbred line FR697. Scientific reports, 13(1), 1960.

Santala OE, et al. (2021) Necklace-embedded electrocardiogram for the detection and diagnosis of atrial fibrillation. Clinical cardiology, 44(5), 620.

Davidson NM, et al. (2018) Necklace: combining reference and assembled transcriptomes for more comprehensive RNA-Seq analysis. GigaScience, 7(5).