

Resource Summary Report

Generated by [SPARC SAWG](#) 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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

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).