

Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

DETONATE

RRID:SCR_017035

Type: Tool

Proper Citation

DETONATE (RRID:SCR_017035)

Resource Information

URL: <http://deweylab.biostat.wisc.edu/detonate/>

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Description: Software tool to evaluate de novo transcriptome assemblies from RNA-Seq data. Consists of RSEM-EVAL and REF-EVAL packages. RSEM-EVAL is reference-free evaluation method. REF-EVAL is reference based and can be used to compare sets of any kinds of genomic sequences.

Abbreviations: DETONATE

Synonyms: DE novo TranscriptOme rNa-seq Assembly with or without the Truth Evaluation, DETONATE

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

Defining Citation: [PMID:25608678](#)

Keywords: evaluate, de novo, transcriptome, assembly, RNAseq, data, RSEM-EVAL, REF-EVAL, dataset, genomic, sequence, bio.tools

Funding: NHGRI R01 HG005232;
NLM T15 LM007359

Availability: Free, Available for download, Freely available

Resource Name: DETONATE

Resource ID: SCR_017035

Alternate IDs: biotools:detonate

Alternate URLs: <https://bio.tools/detonate>

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260905T133008+0000

Ratings and Alerts

No rating or validation information has been found for DETONATE.

No alerts have been found for DETONATE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kenny NJ, et al. (2020) The gene-rich genome of the scallop *Pecten maximus*. GigaScience, 9(5).

Bushmanova E, et al. (2019) rnaSPAdes: a de novo transcriptome assembler and its application to RNA-Seq data. GigaScience, 8(9).