

# Resource Summary Report

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## DETONATE

RRID:SCR\_017035

Type: Tool

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### Proper Citation

DETONATE (RRID:SCR\_017035)

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### Resource Information

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

**Proper Citation:** DETONATE (RRID:SCR\_017035)

**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:** software resource, data processing software, sequence analysis software, software application, data analysis software

**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:** 20260803T040733+0000

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## Ratings and Alerts

No rating or validation information has been found for DETONATE.

No alerts have been found for DETONATE.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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).