

# Resource Summary Report

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## DeNovoGear

RRID:SCR\_000670

Type: Tool

### Proper Citation

DeNovoGear (RRID:SCR\_000670)

### Resource Information

**URL:** <http://sourceforge.net/projects/denovogear/>

**Proper Citation:** DeNovoGear (RRID:SCR\_000670)

**Description:** A software for detecting de novo mutations using sequencing data. It utilizes likelihood-based error modeling to reduce the false positive rate of mutative discovery in exome analysis. It also uses fragment information to identify the parental origin of germline mutations.

**Resource Type:** software resource

**Defining Citation:** [PMID:23975140](#)

**Keywords:** de novo, mutation, sequence, dna, rna, error modeling, exome analysis

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

**Resource Name:** DeNovoGear

**Resource ID:** SCR\_000670

**Alternate IDs:** OMICS\_00083

**Alternate URLs:** <https://github.com/denovogear/denovogear>

**Record Creation Time:** 20220129T080202+0000

**Record Last Update:** 20260725T190448+0000

### Ratings and Alerts

No rating or validation information has been found for DeNovoGear.

No alerts have been found for DeNovoGear.

## 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](#) .

Hai T, et al. (2017) Pilot study of large-scale production of mutant pigs by ENU mutagenesis. eLife, 6.

, et al. (2014) De novo mutations in synaptic transmission genes including DNMT1 cause epileptic encephalopathies. American journal of human genetics, 95(4), 360.

Suls A, et al. (2013) De novo loss-of-function mutations in CHD2 cause a fever-sensitive myoclonic epileptic encephalopathy sharing features with Dravet syndrome. American journal of human genetics, 93(5), 967.