Resource Summary Report

Generated by NIF on Apr 17, 2025

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 germ-line mutations.

Resource Type: software resource

Defining Citation: PMID:23975140

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

Funding:

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: 20250410T064628+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

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

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 DNM1 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.