Resource Summary Report

Generated by <u>NIF</u> on May 16, 2025

SIFT 4G

RRID:SCR_021850 Type: Tool

Proper Citation

SIFT 4G (RRID:SCR_021850)

Resource Information

URL: https://sift.bii.a-star.edu.sg/sift4g/AboutSIFT4G.html

Proper Citation: SIFT 4G (RRID:SCR_021850)

Description: Software tool to predict whether amino acid substitution affects protein function. Faster version of SIFT that enables to scale up and provide SIFT predictions for more organisms.

Synonyms: Sorting Intolerant From Tolerant For Genomes, SIFT4G

Resource Type: production service resource, analysis service resource, data analysis service, service resource

Keywords: sequence homology, amino acids physical properties, amino acid substitution, protein function

Funding:

Availability: Free, Available for download, Freely available

Resource Name: SIFT 4G

Resource ID: SCR_021850

Alternate URLs: https://github.com/rvaser/sift4g

Record Creation Time: 20220129T080357+0000

Record Last Update: 20250516T054242+0000

Ratings and Alerts

No rating or validation information has been found for SIFT 4G.

No alerts have been found for SIFT 4G.

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 <u>NIF</u>.

Shen Y, et al. (2024) Genomic insights into endangerment and conservation of the garlic-fruit tree (Malania oleifera), a plant species with extremely small populations. GigaScience, 13.

Sia BZ, et al. (2022) Prediction of the effects of the top 10 nonsynonymous variants from 30229 SARS-CoV-2 strains on their proteins. F1000Research, 11, 9.