Resource Summary Report

Generated by NIF on Apr 28, 2025

StructuralVariantAnnotation

RRID:SCR_018683
Type: Tool

Proper Citation

StructuralVariantAnnotation (RRID:SCR_018683)

Resource Information

URL: https://bioconductor.org/packages/StructuralVariantAnnotation/

Proper Citation: StructuralVariantAnnotation (RRID:SCR_018683)

Description: Software R package for structural variant analysis. Contains helper functions for dealing with structural variants in VCF format. Contains functions for parsing VCFs from number of popular callers as well as functions for dealing with breakpoints involving two separate genomic loci encoded as GRanges objects.

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

Keywords: Structural variant analysis, structural variant, VCF parsing, genomic loci, GRanger object, breakpoint

Funding:

Availability: Free, Available for download, Freely available

Resource Name: StructuralVariantAnnotation

Resource ID: SCR_018683

License: GPL v3

Record Creation Time: 20220129T080341+0000

Record Last Update: 20250428T054138+0000

Ratings and Alerts

No rating or validation information has been found for StructuralVariantAnnotation.

No alerts have been found for StructuralVariantAnnotation.

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 NIF.

Dong R, et al. (2022) svaRetro and svaNUMT: modular packages for annotating retrotransposed transcripts and nuclear integration of mitochondrial DNA in genome sequencing data. GigaByte (Hong Kong, China), 2022, gigabyte70.

Cameron DL, et al. (2021) GRIDSS2: comprehensive characterisation of somatic structural variation using single breakend variants and structural variant phasing. Genome biology, 22(1), 202.