

Resource Summary Report

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CAIRN

RRID:SCR_019101

Type: Tool

Proper Citation

CAIRN (RRID:SCR_019101)

Resource Information

URL: <https://delaney.shinyapps.io/CAIRN/>

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Description: Web tool to graph all copy number alterations present in segment file. Custom data is permitted. Allows to display copy number alterations which overlap user specified region, to quantify number of amplified CNAs and deleted CNAs. Visualization tool to explore copy number alterations discovered in published cancer datasets. Intended to help oncology community observe of relative rates of amplification, deletion, and mutation of interesting genes and regions.

Synonyms: Copy Alterations Intuitive Rendering Navigator

Resource Type: data access protocol, data processing software, data visualization software, software application, software resource, web service

Defining Citation: [PMID:31923184](#)

Keywords: Deleted CNAs quantification, Copy Number Alterations, segment file, data visualization, published cancer datasets CNAs, amplified CNA quantification

Funding: NCI CA102310;
NCI CA107263;
NCI CA177519;
NCI CA207729;
NCI P30 CA138313;
NIA AG033082;
NIGMS GM132055;
Nine Girls Ask Foundation

Availability: Free, Available for download, Freely available

Resource Name: CAIRN

Resource ID: SCR_019101

Alternate URLs: <https://github.com/jrdelaney/CAIRN>

License: GNU General Public License v3.0

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260829T182557+0000

Ratings and Alerts

No rating or validation information has been found for CAIRN.

No alerts have been found for CAIRN.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.