Resource Summary Report

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VegaMC

RRID:SCR_001267
Type: Tool

Proper Citation

VegaMC (RRID:SCR_001267)

Resource Information

URL: http://www.bioconductor.org/packages/devel/bioc/html/VegaMC.html

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Description: Software package that enables the detection of driver chromosomal imbalances including loss of heterozygosity (LOH) from array comparative genomic hybridization (aCGH) data. It performs a joint segmentation of a dataset and uses a statistical framework to distinguish between driver and passenger mutation. VegaMC has been implemented so that it can be immediately integrated with the output produced by PennCNV tool. In addition, it produces in output two web pages that allows a rapid navigation between both the detected regions and the altered genes. In the web page that summarizes the altered genes, the link to the respective Ensembl gene web page is reported.

Abbreviations: VegaMC

Synonyms: VegaMC: A Package Implementing a Variational Piecewise Smooth Model for Identification of Driver Chromosomal Imbalances in Cancer

Resource Type: software resource

Defining Citation: PMID:22815357

Keywords: copy number variation, acgh, chromosomal imbalance

Related Condition: Cancer

Funding:

Availability: GNU General Public License, v2

Resource Name: VegaMC

Resource ID: SCR_001267

Alternate IDs: OMICS_02071

Record Creation Time: 20220129T080206+0000

Record Last Update: 20250410T064659+0000

Ratings and Alerts

No rating or validation information has been found for VegaMC.

No alerts have been found for VegaMC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Funk K, et al. (2020) BAX Redistribution Induces Apoptosis Resistance and Selective Stress Sensitivity in Human HCC. Cancers, 12(6).