

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Key Driver Analysis

RRID:SCR_004899

Type: Tool

Proper Citation

Key Driver Analysis (RRID:SCR_004899)

Resource Information

URL: <http://sourceforge.net/projects/sagebionetworks/files/>

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Description: Key Driver Analysis (KDA) is an analysis tool, as both an R package and Cytoscape plugin, for identifying key regulators of a gene regulatory network. It takes as input a gene network N (directed or undirected) and a gene set (module) G. The gene set is any subset of genes from the network N (e.g. pathway, module, ontology), permitting focus on a particular biological context. The KDA archive contains the plugin source, the plugin jar file, and several example datasets. Prerequisites: *Java, 5.0+ (www.javasoft.com) *Cytoscape, 2.6+ (www.cytoscape.org)

Abbreviations: KDA

Synonyms: Key Driver Analysis Tool

Resource Type: software resource

Resource Name: Key Driver Analysis

Resource ID: SCR_004899

Alternate IDs: nlx_86947

Old URLs: <http://www.sagebase.org/research/tools.php>

Record Creation Time: 20220129T080227+0000

Record Last Update: 20260725T190555+0000

Ratings and Alerts

No rating or validation information has been found for Key Driver Analysis.

No alerts have been found for Key Driver Analysis.

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 [kravitz2](#) .

Li G, et al. (2017) Co-expression changes of lncRNAs and mRNAs in the cervical sympathetic ganglia in diabetic cardiac autonomic neuropathic rats. Journal of neuroscience research, 95(8), 1690.