

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## BECA

RRID:SCR\_015846

Type: Tool

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### Proper Citation

BECA (RRID:SCR\_015846)

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### Resource Information

**URL:** <http://www.iu.edu/~beca/>

**Proper Citation:** BECA (RRID:SCR\_015846)

**Description:** Visualization and analysis software for interactive visual exploration and mining of fiber-tracts and brain networks with their genetic determinants and functional outcomes. BECA includes an fMRI and Diseases Analysis version as well as a Genome Explorer version.

**Abbreviations:** BECA

**Synonyms:** Brain Explorer for Connectome Analysis (BECA), BECA - Brain Explorer for Connectome Analysis

**Resource Type:** data processing software, data visualization software, image analysis software, software application, software resource

**Defining Citation:** [PMID:27171688](#)

**Keywords:** visual exploration, brain, neuroscience, network, genetic determinant, fmri, neuroimaging, genome

**Funding:** NIA P30 AG10133;  
NIA R01 AG19771;  
NIA RC2 AG036535;  
NIA U01 AG024904;  
NIBIB R01 EB022574;  
NLM R01 LM011360;  
NSF IIS-1117335

**Availability:** Free, Available for download

**Resource Name:** BECA

**Resource ID:** SCR\_015846

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260905T132800+0000

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## Ratings and Alerts

No rating or validation information has been found for BECA.

No alerts have been found for BECA.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [Kravitz](#) .

Sserumaga JP, et al. (2021) Genome-wide diversity and structure variation among lablab [Lablab purpureus (L.) Sweet] accessions and their implication in a Forage breeding program. Genetic resources and crop evolution, 68(7), 2997.

Attard C, et al. (2021) Long-term outcomes of warfarin versus aspirin after Fontan surgery. The Journal of thoracic and cardiovascular surgery, 162(4), 1218.

Gemenet DC, et al. (2020) Development of diagnostic SNP markers for quality assurance and control in sweetpotato [Ipomoea batatas (L.) Lam.] breeding programs. PloS one, 15(4), e0232173.

He S, et al. (2019) Effects of Slope Ecological Restoration on Runoff and Its Response to Climate Change. International journal of environmental research and public health, 16(20).

Li H, et al. (2017) Brain explorer for connectomic analysis. Brain informatics, 4(4), 253.