

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

BECA

RRID:SCR_015846

Type: Tool

Proper Citation

BECA (RRID:SCR_015846)

Resource Information

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

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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: image analysis software, data visualization software, software application, software resource, data processing software

Defining Citation: [PMID:27171688](#)

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

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

Availability: Free, Available for download

Resource Name: BECA

Resource ID: SCR_015846

Record Creation Time: 20220129T080327+0000

Record Last Update: 20260801T190530+0000

Ratings and Alerts

No rating or validation information has been found for BECA.

No alerts have been found for BECA.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

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.