

Resource Summary Report

Generated by SPARC SAWG on Sep 18, 2026

JuGEx

RRID:SCR_023838

Type: Tool

Proper Citation

JuGEx (RRID:SCR_023838)

Resource Information

URL: <https://www.ebrains.eu/brain-atlases/analysis/gene-expression-analysis-in-human-brain-atlas-regions/>

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Description: Software tool for integrating tissue transcriptome and cytoarchitectonic segregation. Combines data from Allen Human Brain Atlas and the EBRAINS Human Brain Atlas, specifically to discover how gene activities and microanatomical architectures contribute to brain function and dysfunction. Both tissue transcriptome and probabilistic brain segregation data allow for integrating genetic expression, brain structure, and function knowledge.

Resource Type: software application, software resource

Defining Citation: [PMID:29478144](https://pubmed.ncbi.nlm.nih.gov/29478144/)

Keywords: Allen Human Brain Atlas, EBRAINS Human Brain Atlas, tissue transcriptome, cytoarchitectonic segregation, integrating tissue transcriptome and cytoarchitectonic segregation, brain function,

Availability: Free, Available for download, Freely available

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Alternate URLs: <https://www.fz-juelich.de/de/inm/inm-1/leistungen/tools-services-und-forschungsdaten/jugex/jugex-download>

Record Creation Time: 20230721T050220+0000

Record Last Update: 20260912T200306+0000

Ratings and Alerts

No rating or validation information has been found for JuGEx.

No alerts have been found for JuGEx.

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 [SPARC SAWG](#) .

Zachlod D, et al. (2022) Combined analysis of cytoarchitectonic, molecular and transcriptomic patterns reveal differences in brain organization across human functional brain systems. NeuroImage, 257, 119286.