

Resource Summary Report

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BICAN Basal Ganglia Epigenome Explorer

RRID:SCR_027887

Type: Tool

Proper Citation

BICAN Basal Ganglia Epigenome Explorer (RRID:SCR_027887)

Resource Information

URL: <https://bican-bg.vercel.app/>

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Description: Portal that allows users to explore taxonomy-guided genome selections, visualize epigenetic assays, and analyze chromatin data across basal ganglia cell populations identified by the BRAIN Initiative Cell Atlas Network (BICAN) with an interactive research platform. The portal allows for investigation of several key epigenetic assays including associated with active enhancers and promoters, repressed genes, and constitutive heterochromatin. Used to analyze complex genomic and epigenomic data from the brain, helping identify specific cell types, understand gene regulation, and map disease-related molecular events, ultimately aiding in understanding neurological disorders like Alzheimer's, autism, and depression by revealing what goes wrong at the cellular level, leading to better gene therapies.

Resource Type: data or information resource, portal

Keywords: BICAN, explore taxonomy-guided genome selections, visualize epigenetic assays, analyze chromatin data, basal ganglia cell populations, basal ganglia epigenome,

Availability: Free, Freely available

Resource Name: BICAN Basal Ganglia Epigenome Explorer

Resource ID: SCR_027887

Record Creation Time: 20260121T055806+0000

Record Last Update: 20260905T133601+0000

Ratings and Alerts

No rating or validation information has been found for BICAN Basal Ganglia Epigenome Explorer.

No alerts have been found for BICAN Basal Ganglia Epigenome Explorer.

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 [PRECISE-TBI](#) .

, et al. (2026) A Community Standard Multispecies Cell Atlas of the Basal Ganglia. bioRxiv : the preprint server for biology.