

Resource Summary Report

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Cerebellar Gene Regulation in Time and Space Database

RRID:SCR_001699

Type: Tool

Proper Citation

Cerebellar Gene Regulation in Time and Space Database (RRID:SCR_001699)

Resource Information

URL: <http://www.cbgrits.org/>

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Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 23,2022. Time-series data sets spanning twelve time-points between E12-P9 for exploring cerebellar development of the mouse in time and space. The database contains a number of mutant / wildtype microarray datasets including two complete wildtype microarray time-series (C57BL/6 and DBA/2J). The dataset also includes in situ hybridization and bioinformatic analyses. Exploration of this dataset will allow the investigator to assess differential gene expression profiles from a developing mutant cerebella, to assess the temporal changes in gene expression in the wildtype, and to verify the cellular expression of these genes in images from our in situ hybridization library. Using the database, the investigator can explore the developmental expression or differential expression patterns of a particular gene, or create lists of similarly expression genes by building simple search algorithms. These lists can then be mined across all the datasets in both space and time. Cb GRiTS's current datasets represent gene expression analyses from multiple cerebellar mutant and wildtype single time-point and developmental series.

Abbreviations: Cb GRiTS

Synonyms: Cb GRiTS Database

Resource Type: data set, data or information resource, database

Defining Citation: [PMID:25446528](https://pubmed.ncbi.nlm.nih.gov/25446528/)

Keywords: anova, helmert analysis, polynomial analysis, differential equation modeling, paraclique analysis, parent/child analysis, microarray, mouse, mouse model, c57bl/6, dba/2j, in situ hybridization, bioinformatic analyses, gene expression, developmental expression, differential expression, development, cerebellum, phenotype, paraclique analysis, dynamic system modeling, prenatal, adult mouse, embryonic mouse, time series, gene

Funding: NICHD HD052472

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Cerebellar Gene Regulation in Time and Space Database

Resource ID: SCR_001699

Alternate IDs: nif-0000-10192

Old URLs: <http://grits.dglab.org/>

Record Creation Time: 20220129T080209+0000

Record Last Update: 20250410T064736+0000

Ratings and Alerts

No rating or validation information has been found for Cerebellar Gene Regulation in Time and Space Database.

No alerts have been found for Cerebellar Gene Regulation in Time and Space Database.

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 [FDI Lab - SciCrunch.org](#).

Ha TJ, et al. (2012) Genome-wide microarray comparison reveals downstream genes of Pax6 in the developing mouse cerebellum. The European journal of neuroscience, 36(7), 2888.