

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 7, 2025

GenePaint Interactive Anatomy Atlas

RRID:SCR_007680

Type: Tool

Proper Citation

GenePaint Interactive Anatomy Atlas (RRID:SCR_007680)

Resource Information

URL: http://www.genepaint.org/R0_1.htm

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Description: A digital atlas of gene expression patterns in the mouse. Expression patterns are determined by non-radioactive in situ hybridization on serial tissue sections. An accompanying atlas based on maps of sagittal sections at embryonic day 14.5. E14.5 NMRI embryo was prepared, sectioned and imaged identically to the embryos used for in situ hybridization. Maps are accessed from the set viewer page using the appropriate button above the image directory. Both, the in situ hybridization section and the appropriate atlas section can be viewed side-by-side. Section thickness is 20 m and inter-section distance is 100 m. Tissue was stained with cresyl violet (Nissl-method). All sections were digitally scanned using a 5x objective. Structures annotated for gene expression are indicated in the maps with red pointers. Boundaries between brain regions are indicated with dashed yellow lines.

Abbreviations: GenePaint.org Interactive Anatomy Atlas

Synonyms: GenePaint Embryo Atlas, GenePaint Atlas of Embryo Maps, GenePaint.org Atlas of Embryo Maps

Resource Type: data or information resource, atlas, reference atlas

Keywords: gene, gene expression, gene expression pattern, cellular resolution, in-situ hybridization, mouse, nissl stain, molecular neuroanatomy resource, development, developing

Funding:

Resource Name: GenePaint Interactive Anatomy Atlas

Resource ID: SCR_007680

Alternate IDs: nif-0000-02886

Record Creation Time: 20220129T080243+0000

Record Last Update: 20250507T060516+0000

Ratings and Alerts

No rating or validation information has been found for GenePaint Interactive Anatomy Atlas.

No alerts have been found for GenePaint Interactive Anatomy Atlas.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.