

Resource Summary Report

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HUDSEN Electronic Atlas of the Developing Human Brain

RRID:SCR_002056

Type: Tool

Proper Citation

HUDSEN Electronic Atlas of the Developing Human Brain (RRID:SCR_002056)

Resource Information

URL: <http://database.hudsen.eu/>

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Description: Interactive digital atlas and movies comprising 3-D reconstructions at all stages of human development from Carnegie Stage 12 (CS12; ~26 days post conception (dpc)) to CS23 (~ 56 dpc) and anatomical annotations of the 3-D models linked to an anatomical database. The 3D models are generated using Optical Projection Tomography (OPT; Sharpe et al 2002). The digital atlas is also linked to a gene expression database that has been developed from the Edinburgh Mouse Atlas Project gene expression database (EMAGE). In the future, the HUDSEN EADHB aims to provide the wider scientific and medical communities with a dynamic tool for documenting and analyzing gene expression patterns and morphological changes in the developing human brain.

Abbreviations: EADHB, HUDSEN EADHB

Synonyms: Electronic Atlas of the Developing Human Brain

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

Defining Citation: [PMID:20979583](#)

Keywords: human development, carnegie stage, annotation, optical projection tomography, embryonic human, embryo, 3d, 3d model, brain, gene expression, anatomy, molecular neuroanatomy resource, developing

Funding: NIMH R01 MH070370;
NICHD HD39928-02

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: HUDSEN Electronic Atlas of the Developing Human Brain

Resource ID: SCR_002056

Alternate IDs: nif-0000-12494

Old URLs: <http://www.ncl.ac.uk/ihg/EADHB/>

Record Creation Time: 20220129T080211+0000

Record Last Update: 20260801T042521+0000

Ratings and Alerts

No rating or validation information has been found for HUDSEN Electronic Atlas of the Developing Human Brain.

No alerts have been found for HUDSEN Electronic Atlas of the Developing Human Brain.

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](#) .

Alzu'bi A, et al. (2017) Distinct cortical and sub-cortical neurogenic domains for GABAergic interneuron precursor transcription factors NKX2.1, OLIG2 and COUP-TFII in early fetal human telencephalon. Brain structure & function, 222(5), 2309.