

# Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

## Retinal wave repository

RRID:SCR\_010462

Type: Tool

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### Proper Citation

Retinal wave repository (RRID:SCR\_010462)

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### Resource Information

**URL:** <http://biorxiv.org/content/early/2013/11/27/000455>

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**Description:** A subset of the CARMEN repository, a curated set of data and code of multielectrode array recordings of spontaneous activity in developing mouse and ferret retina. The data have been annotated with minimal metadata and converted into HDF5 (Hierarchical data format, version 5) including the essential features of the recordings, such as developmental age, and genotype. All code and tools used in the analyses are also fully available for reuse, giving the ability to regenerate each figure and table and know exactly how the results were calculated, adding confidence in the research output and allowing others to easily build upon previous work. The addition of published data to the repository is encouraged.

**Abbreviations:** Retinal wave repository

**Synonyms:** A data repository and analysis framework for spontaneous neural activity recordings in developing retina

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

**Defining Citation:** [PMID:24666584](#)

**Keywords:** hdf5, development, neural circuit, retina, eye, multielectrode, array recording, spontaneous activity, reproducible research, retinal wave, electrophysiology, multielectrode array, developmental age, genotype

**Related Condition:** Developing retina, Aging

**Funding:** EPSRC EP/E002331/1;  
BBSRC BB/H023577/1;  
BBSRC BB/I000984/1;  
Wellcome Trust 083205/B/07/Z

**Availability:** Registration required, (CARMEN), Acknowledgement required, The community can contribute to this resource

**Resource Name:** Retinal wave repository

**Resource ID:** SCR\_010462

**Alternate IDs:** nlx\_157664

**Old URLs:** <http://www.damtp.cam.ac.uk/user/eglen/waverepo/>

**Record Creation Time:** 20220129T080258+0000

**Record Last Update:** 20260905T133344+0000

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## Ratings and Alerts

No rating or validation information has been found for Retinal wave repository.

No alerts have been found for Retinal wave repository.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.