

UCSD FAIR DATA INFORMATICS LAB

SciCrunch Data and Resource Infrastructure

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CAN RRIDS HELP AUTHORS CITE CORES AND INSTRUMENTS?

Anita Bandrowski,

Dept of Neurosci. UCSD; SciCrunch Inc (COI)



WHAT ARE RRIDS?

(Company Name) (Catalog number), (RRID Identifier from authority)

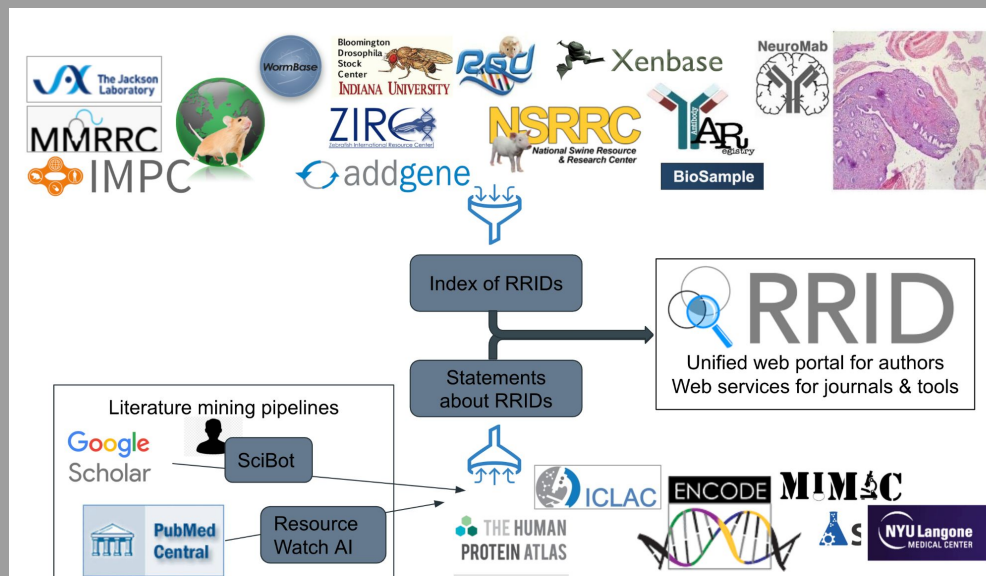


Governance: Currently funded by NIH GM, NIDDK, & OD, CZI, non-profit status has been applied for.

Standards: RRIDs are part of the following: NISO JATs, ARRIVE, MDAR, STAR Methods, NIH guidelines for Rigor and Transparency.

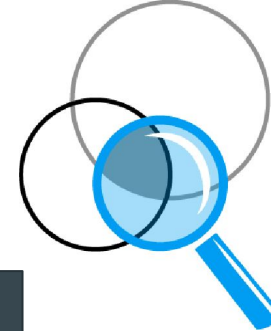
Who are the users: >1500 Publishers/journals, research resource companies (producing e.g. antibody, mouse and cell lines)

How much impact have RRIDs had: >650K RRIDs in >60K papers are in the literature;



RRIDs staff work with companies, cores, and stock centers to improve the recognition of key resources in the literature

EACH RRID HAS A DEDICATED WEBPAGE



The screenshot shows a web page titled "Resource Summary Report" for "NeuroMab" (RRID:SCR_003086). The page is divided into several sections: "Resource Name", "Resource Information", "Usage and Citation Metrics", "Ratings and Alerts", "Collaborator Network", and "Data and Source Information". The "Resource Information" section contains a description, proper citation, and keywords. The "Usage and Citation Metrics" section shows 1309 mentions in open access literature and lists recent articles. The "Collaborator Network" section includes a search box for finding mentions based on location. The "Data and Source Information" section shows the source as SciCrunch Registry.

Basic metadata:
Paper about other IDs
old/alt URLs
Grant #'s

Relationships to other resources

Citations of resource

Ratings and alerts

RRIDs for Cores come from ABRF Core Marketplace; Instruments were seeded by UsedIT



RRID MENTIONS ARE FOUND BY CURATORS OR ARE TEXT MINED

Resource Summary

Home / Resource Reports / Tools /

Resource Name
NeuroMab
RRID:SCR_003086

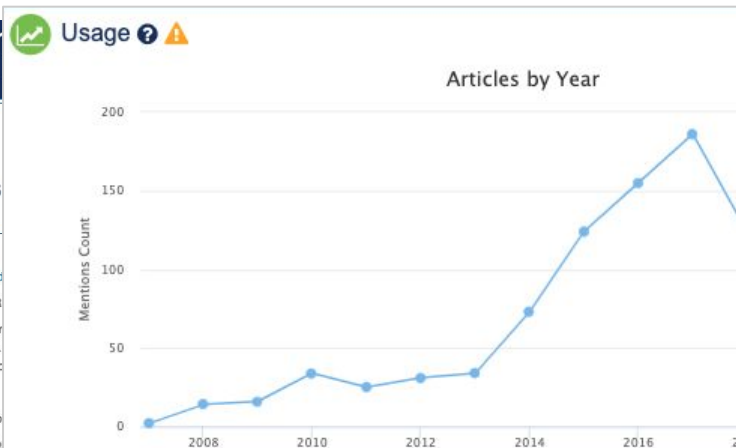
Resource Information
URL: <http://neuromab.ucdavis.edu>
Proper Citation: NeuroMab (RRID:SCR_003086)
Description: A national mouse model resource for the generation and distribution of monoclonal antibodies in mammalian brain, immunogens corresponding to cell surface proteins.
Abbreviations: NeuroMab
Synonyms: UC Davis/NIH NeuroMab
Resource Type: organization profile
Keywords: antibody, brain, channel, monoclonal antibody, mouse, neuronal receptor, research reagent, synaptic protein, transporter

Usage and Citation Metrics
We found 1309 mentions in open access literature.
View full usage report

Most recent articles:
Nakai-Shimoda H, et al. (2022) -deficient mice develop somatosensory dysfunction and axonal loss in peripheral nerves. *iScience*, 25(1), 103609. (PMID:35005553)
Sanchez-Pupo RE, et al. (2022) Pannexin 2 is expressed in murine skin and promotes UVB-induced keratinocytes. *Molecular biology of the cell*, 33(3), ar24. (PMID:34985913)
Hobson BD, et al. (2022) Subcellular proteomics of dopamine neurons in the mouse brain. *eLife*, 11(20), e82924. (PMID:35098924)

Check [Google Scholar](#) for all resource mentions.

Ratings and Alerts
No rating or validation information has been found for NeuroMab.
No alerts have been found for NeuroMab.



Other research resources frequently mentioned with this resource

*Please note that when co-mention number is small, resources listed here do not mean that they are frequently used together. We are also aware that commercial organizations are in the list and we are currently working on improving this service by removing these organizations.

- Addgene
- Fiji
- GraphPad Prism
- pClamp
- Adobe Photoshop
- Anti-PSD-95 Antibody

Papers citing resource can be downloaded & the snippet of information around mention is available, can be voted on!

All Mentions (10 mentions)

Fortenbach C, et al. (2021) Loss of the K+ channel Kv2.1 greatly reduces...
-- Primary antibodies were as follows: recombinant mouse anti-Kv2.1 IgG (RRID:AB_10672848; tissue culture supernatant at 1:1000) from the NeuroMab Facility; RRID:AB_10672848; tissue culture supernatant at 1:1000 from the NeuroMab Facility; RRID:AB_10672848; tissue culture supernatant at 1:1000 from the NeuroMab Facility.

- Christopher Fortenbach - Davis, United States of America
- Gabriel Peinado Allina - Davis, United States of America
- Camilla M Shores - Davis, United States of America
- Eric B Miller - Davis, United States of America

Prada MP, et al. (2020) AKAP5 complex facilitates purinergic modulation of vascular L-type Ca channel Ca1.2. *Nature communications*, 11 (1), 5303. (PMID:33082339)
-- Cells were then permeabilized with 0.1% Triton X-100 (20 min), blocked in 50% Odyssey blocking solution (LI-COR Bioscience) for 1 h at 37 °C, and incubated overnight at 4 °C in 0.1% Odyssey + 0.05% Triton X-100 PBS solution: goat anti-P2Y11 ...[more]

- Sean M Ward - Davis, United States of America

Andrews NP, et al. (2019) A toolbox of IgG subclass-switched recombinant monoclonal antibodies for enhanced multiplex immunolabeling of brain. *eLife*, 8. (PMID:30667360)
-- Antibody Immunogen Manufacturer Information Concentration/dilution used Figures KC Synthetic peptide aa 837 -853 of rat Kv2.1 Rabbit pAb, In-house (Trimmer Laboratory), protein aa 77 -299 of human PSD-95 Rabbit pAb, In-house (Trimmer Laboratory ...[more]

- Joe T Nguyen - Davis, United States of America
- Hannah Bechtold - Davis, United States of America
- JoAnne Engebrecht - Davis, United States of America

Chiu AM, et al. (2019) NMDAR-Activated PP1 Dephosphorylates GluN2B to Modulate NMDAR Synaptic Content. *Cell reports*, 28 (2), 332-341.e5. (PMID:31291571)
-- Our antibody against phosphorylation state-specific GluN2B S1480 (Ac-CGHVYEKLSIE(ps)DV-OH) was generated by New England Peptide. Antibodies against GluN2B and CaMKII, and PP1 were obtained from Thermo Fisher.

- John A Gray - Davis, United States of America

RRIDS TEAMING UP WITH CORE MARKETPLACE FOR CORES AND INSTRUMENTS!

START OVER | ADD/EDIT MY FACILITY

All Facilities >> University at Albany, SUNY >> Center for Functional Genomics, Microarray & HT Sequencing Core (Genomics / Genome Analysis and Technologies)

Center for Functional Genomics, Microarray & HT Sequencing Core (Genomics / Genome Analysis and Technologies)

Facility Details

- About This Facility
- Services and Equipment
- Publications
- Associations
- Metadata

University at Albany, SUNY
 One Discovery Dr, CRC328
 Rensselaer, NY 12144
 United States of America
<http://www.albany.edu/genomics/microarray.html>

Show Map


Quicklinks:
https://coremarketplace.org/RRID:SCR_018262

Primary Contact:
 Sridar Chittur
 Last Updated: 04/01/2020

Facility RRID
 RRID:SCR_018262
 CITE THIS

Facility Details
 Next gen sequencing (Illumina, Minlon, Wafergen-Takara, 10x genomics)
 DNA microarrays (Affymetrix, Agilent, custom)

Facility Policies
 Services are offered outside of University at Albany, SUNY



SEARCH | ADD/EDIT MY FACILITY

All Facilities >> University of Wisconsin

UW-Biochemistry Optical

Facility Details

- About This Facility
- Services and Equipment
- Publications
- Awards & Associations
- Metadata

Other Facilities At This Institution:

- Bioinformatics resource center
- Chemistry Instrumentation Center - Mass Spectrometry
- UW Biotech Center-DNA Sequencing Facility
- UW Biotech Center

ABRF is the community hub for biomedical core facilities, and the Core Marketplace is where cores can be registered to advertise their services. RRIDs reflect Core Marketplace entries ensuring that both databases have accurate and up-to-date data

Services offered:

- Confocal Microscopy
- Light-sheet Microscopy
- TIRF Microscopy

Facility Equipment

Nikon A1R Confocal Laser Scanning Microscope
 Fully automated A1 offers standard paired galvanometers with high resolution scanning at up to 4096 x 4096 pixels. The A1R model incorporates a hybrid scanner system utilizing a high speed resonant galvanometer capable of acquisitions up to 240 frames per second. Both scanners can be used simultaneously for experiments requiring acquisition and photoactivation by concurrently scanning the specimen. This supports advanced research methods using photoactivation fluorescence proteins and facilitates high-speed, live-cell work with a huge array of new imaging strategies. A spectral imaging detector further enables the A1 and A1R models to obtain up to 32 discreet spectral bandwidths of data in one acquisition, with spectral unmixing capabilities. The total system is controlled through NIS-Elements C applications software, which also enables full control of the Nikon Ti-E research inverted microscope equipped with Nikon's Focus System (PFS), widefield CCD cameras and an array of hardware devices. [\[PRODUCT LINK\]](#)

RRID:SCR_020317

CITE THIS INSTRUMENT

Nikon Nikon N-SIM
 SIM super resolution microscope

No additional equipment has been listed



Resource Name

Agilent 2100 Bioanalyzer Instrument

RRID:SCR_018043 [Login to claim ownership](#)

Relationships to other resources



Resource Information

URL: <https://www.agilent.com/en/product/automated-electrophoresis/bioanalyzer-systems/bioanalyzer-instrument/2100-bioanalyzer-instrument-228250>

Proper Citation: Agilent 2100 Bioanalyzer Instrument (RRID:SCR_018043)

Description: Bioanalyzer system is automated electrophoresis tool that provides a nalytical evaluation of various samples types in many sequencing NGS, gene expression, biopharm data is provided in timely manner and deliver

Synonyms: 2100 Bioanalyzer (Agilent Techn

Resource Type: instrument resource

Keywords: ABRF, bioanalyzer, electrophoresis instrument, equipment

[Expand All](#)

This resource	
is listed by	USEDit



All Mentions (111 mentions) [\[Download Mentions\]](#)

First Previous **1** 2 Next Last Page of 2 (1 ~ 100 of 111)

- Booher WC, et al. (2023) Hippocampal RNA sequencing in mice selectively bred for high and low activity. Genes -- ; ng an Agilent 2100 Bioanalyzer (RRID:SCR_019389) and all 20 samples were shown [Verified RRID]
- Li J, et al. (2023) Cooperative super-enhancer inactivation caused by heterozygous loss of CREBBP and KMT2D bioRxiv : the preprint server for biology . (PMID:36824887) -- (RRID:SCR_019389), obtaining an average library [Verified RRID]
- Song C, et al. (2023) Aminoprocaltinin protects against hippocampal neuronal death via preserving oxidative p , 144. (PMID:37142587) -- (Agilent Technologies, CA, USA; RRID:SCR_018043). Libraries were constructed, q [Verified RRID]
- Kumar S, et al. (2023) Evolution of Resistance to Irinotecan in Cancer Cells Involves Generation of Topoisomera of DNA Breaks. International journal of molecular sciences , 24 (10) . (PMID:37240063) -- r (2100 Bioanalyzer Instrument, RRID:SCR_018043,). The double-stranded PCR prod [Verified RRID]

**HOW CAN WE GET AUTHORS TO USE RRIDS
TO CITE CORES OR INSTRUMENTS?**

RRID AUTHOR'S WORKFLOW: HOW RRIDS GET INTO THE LITERATURE

<http://rrid.site>

SEARCH FOR RESOURCES

RRID Portal

Home / Community Resources

SEARCH Type in a keyword to search

vermont core

Vermont University Vermont Advanced Computing Core Facility

Cite this (Vermont University Vermont Advanced Computing Core Facility, RRID:SCR_017762)

URL: <http://www.uvm.edu/~vacc/>

Resource Type: Resource, service resource, core facility, access service resource

Core provides access to com [Advanced Computing Core Facility \(RRID:SCR_017762\)](#)

Tools

SciCrunch: Registry (9) | Cite This | View Source Information

RRID portal includes:
Antibodies 2.5M
Organisms 500K (~25 centers)
Cell lines 100K
Plasmids (Addgene)
Core facilities etc 24K

Journal directs author
to RRID portal

Author searches for
a resource

Author copies
"Cite This" text
into manuscript

Paper is
published

Paper
becomes
data

RRID:SCR_014641

Scholar About 53 results (0.04 sec)

Erratum. GLP-1 Receptor in Pancreatic α-Cells Regulates Insulin Secretion in a Glucose-Dependent Bidirectional Manner. Zhang Y, Zhang Y, Zhang KR, Parajuli K, Fava GE, Gupta R, Xu W, et al. Diabetes. 2019; Am Diabetes Assoc. ... The following statement has been added to the Funding section to correct this: "This research was performed with the support of the Network for Pancreatic Organ donors with Diabetes (nPOD, RRID:SCR_014641), a collaborative type 1 diabetes research project sponsored by ..."

1239-P: Evidence of Altered Alpha-and Beta-Cell Lysosomes prior to Onset of Type 1 Diabetes. MURALIDHARAN C, CROWDER J, LINNEMANN AK. 2021 - Am Diabetes Assoc. Skip to main co.

[HTML] ACE2 chromogenic immunostaining protocol optimized for formalin-paraformaldehyde-embedded human tissue sections. Jorgensen M, Joseph P, Posgai AL, VanderHeide RS, et al. STAR protocols. 2021 - Elsevier. ... Biological samples. Human control organ donor duodenum FFPE blocks, nPOD repository <https://www.jdrfpod.org/>, Network for Pancreatic Organ Donors with Diabetes, RRID:SCR_014641 Cat# nPOD_6493, RRID:SAMN15879546 ...

CORES MAKE CITATION EASY!



Immunofluorescence staining protocol for co-staining of fetuin-A and GFAP in older human autopsy tissue via Tyramide Signal Amplification

PLOS One

Miriam Heinen¹

¹RWTH Aachen University

1 Works for me dx.doi.org/10.1371/journal.pone.0206597

Miriam Heinen

ABSTRACT

This staining was performed to co-stain sections (1 μm thickness) of formalin-fixed paraffin-embedded (FFPE) tissue by a polyclonal rabbit-anti-human fetuin-A antibody and a polyclonal goat-anti-rabbit Ale

11070, RRID:AB_2534114, dilution 1:300). Fetuin-A was detected by using a monoclonal IgG2a mouse-anti-human antibody (clone MAHS-1, dilution 1.0 μg/mL), raised against purified human fetuin-A in our laboratories. Antibody binding was detected by tyramide signal amplification using a secondary biotinylated polyclonal goat-anti-mouse antibody (Dako Cat# E0433, RRID:AB_2687905, dilution 1:300) and a Tyramide Signal Amplification Kit (Life Technologies, Carlsbad, USA, T-20933). To minimize lipofuscin autofluorescence, sections were counterstained with Sudan Black (Sigma-Aldrich, Munich, Germany, 199664, dilution 0.3% in 70% ethanol, 5 minutes). Nuclei were stained with DAPI (Sigma-Aldrich, Munich, Germany D9542, dilution 0.25 μg/ml, 5 minutes). Sections were mounted with Immumount (Thermo Scientific, Waltham, USA, 9990402) and stored at 8°C in the dark.

EXTERNAL LINK

<https://doi.org/10.1371/journal.pone.0206597>

...This protocol used the services of the Network for Pancreatic Organ Donors with Diabetes (RRID:SCR_014641)...

Dear Sally,
Blah blah blah
Sincerely,



Using our core facility? Please cite Network for Pancreatic Organ Donors with Diabetes (RRID:SCR_014641) in your manuscript.

Network for Pancreatic Organ Donors with Diabetes (RRID:SCR_014641)

Login to edit this resource

<http://www.jdrfnpod.org>

A collaborative research project that supports nPOD approved diabetes investigators by freely providing rare and difficult-to-obtain tissues from pancreas. Interested researchers are encouraged to apply to obtain nPOD tissues, or to request access to analyze cases in the nPOD Online Pathology system directly for more information.



INFORMATION RELATIONSHIPS REFERENCED BY ANALYTICS SOURCE

39 high confidence out of 39 potential mentions found in the literature for this resource [Download all](#)

The Polycomb-Dependent Epigenome Controls β Cell Dysfunction, Ded



Lu TT Cell metabolism 2018

betes\thttp://www.jdrfnpod.org/; RRID:SCR_014641\nChemicals, Peptides, and Recomb

Shared Instrumentation Network

RESEARCH AND INNOVATION OFFICE

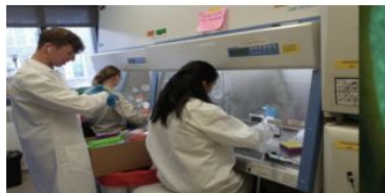
[Home](#) [Add Your Instrument](#) [Core Facilities](#) [Core Facilities Grant Program](#) [Instruments: A - Z](#) [Instruments: by Dept/Institute/Campus](#) [Contact Us](#)



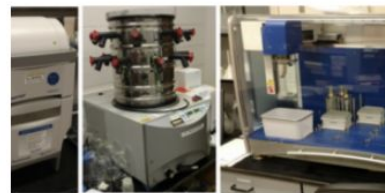
Core Facilities

Filter by Department / Unit

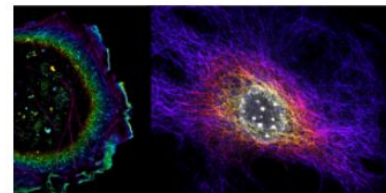
- Biochemistry
- BioFrontiers Institute
- Chemistry
- College of Engineering and Applied Science
- CU Green Labs
- Department of Integrative Physiology (IPHY)
- Department of Mechanical Engineering
- Department of Psychology and Neuroscience
- Ecology and Evolutionary Biology (EBIO)
- Geological Sciences
- JILA
- Molecular, Cellular & Developmental Biology (MCDB)
- Renewable and Sustainable Energy Institute (RASEI)
- Wilderness Place



Biochemistry Cell Culture Facility
(RRID:SCR_018988)



BioCore: Shared Equipment Program
(RRID:SCR_019302)



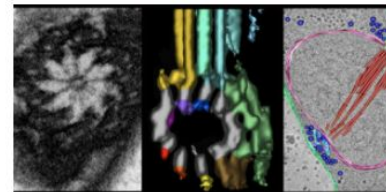
BioFrontiers Advanced Light Microscopy Core
(RRID:SCR_018302)



BioFrontiers Sequencing Facility
(RRID:SCR_019308)



BioKEM - BioChemistry Krios Electron Microscopy Facility
(RRID:SCR_019057)



Boulder Electron Microscopy Services Core Facility
(RRID:SCR_001432)



Strain Detail Sheet



Strain Name: STOCK Tg(Sox9-EGFP)EB209Gsat/Mmucd
Stock Number: 011019-UCD
Citation ID: RRID:MMRRC_011019-UCD
Major Collection: [GENSAT](#)

COPY RRID CITATION TO CLIPBOARD

RRIDs are reflected on resource websites and catalogs

Search for...

Purified anti-AKT1 Antibody

RRID AB_2566355 (BioLegend Cat. No. 680302)

Antigen Details

Structure 480 amino acids with a predicted molecular weight of approximately 55 kDa

Distribution Cytoplasm, nucleus, cell membrane, phosphorylation on tyrosine. Localization to the cell membrane where it is targeted for

Search Clear

Cellosaurus 1-5c-4 (CVCL_2260)

Cell line name	1-5c-4
Synonyms	Clone 1-5c-4; Clone 1-5c-4 WKD of Chang Conjunctiva
Accession	CVCL_2260
Resource Identification Initiative	To cite this cell line use: 1-5c-4 (RRID:CVCL_2260)
Comments	Problematic cell line: Contaminated. Shown to be a HeLa transformant: NCBI_TaxID; 333761; Human papilloma virus Omics: Transcriptome analysis.
Disease	Human papillomavirus-related endocervical adenocarcinoma
Species of origin	Homo sapiens (Human) (NCBI Taxonomy: 9606)
Hierarchy	Parent: CVCL_0030 (HeLa)
Sex of cell	Female
Category	Cancer cell line
Source(s)	ATCC; KCLB

DO THESE TRICKS WORK?

WHEN AUTHORS COMPLY:



[eNeuro](#). 2017 Jul-Aug; 4(4): ENEURO.0267-17.2017.

PMCID: PMC5569380

Published online 2017 Aug 24. Prepublished online 2017 Aug 18. doi: [10.1523/ENEURO.0267-17.2017](https://doi.org/10.1523/ENEURO.0267-17.2017)

PMID: [28856240](https://pubmed.ncbi.nlm.nih.gov/28856240/)

Heterogeneity in Kv2 Channel Expression Shapes Action Potential Characteristics and Firing Patterns in CA1 versus CA2 Hippocampal Pyramidal Neurons

[Stephanie](#)
[James S.](#)

[Author information](#)

Table 1.

Antibodies used in this study

Antibody name	Species/isotype/immunogen	Manufacturer information	Concentration used
AMIGO-1, anti-AMIGO-1 rabbit pAb	Raised against aa 394–492 of mouse AMIGO-1 (cytoplasmic C-terminus).	Trimmer Lab. Rabbit 28330 RRID: AB_2571515	1:400 dilution of affinity purified pAb, concentration unknown
L98/12, anti-AMIGO-1 mouse IgG1 mAb	Raised against aa 28–370 of mouse AMIGO-1 (extracellular N-terminus).	Trimmer lab. RRID: AB_2571516	1:3 dilution of tissue culture supernatant, concentration unknown
K89/34, anti-Kv2.1 mouse IgG1 mAb	Raised against aa 837–853 of rat Kv2.1.	Trimmer lab. NeuroMab catalog 73-014 RRID: AB_10672253	5 µg/ml purified mAb



Antibody Name [?](#)

Anti-Kv2.1 K+ Channel Antibody [?](#)

RRID:[AB_10672253](https://rrid.info/AB_10672253) [?](#)



Antibody Information [?](#)

URL: http://antibodyregistry.org/AB_10672253

Proper Citation: (Antibodies Incorporated Cat# 73-014, RRID:AB_10672253)

Target Antigen: Kv2.1 potassium channel

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, IP, KO, WB

Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (Pass)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-014, RRID:AB_10673392), super (K89/34, RRID:AB_2877280)

[Expand All](#)



Usage and Citation Metrics [?](#) [!](#)

We found 42 mentions in open access literature.

[View full usage report](#)

Most recent articles:

Kissane RWP, et al. (2021) C-bouton components on rat extensor digitorum longus motoneurons are resistant to chronic functional overload. *Journal of anatomy*. (PMID:33939175)

Andrews NP, et al. (2019) A toolbox of IgG subclass-switched recombinant monoclonal antibodies for enhanced multiplex immunolabeling of brain. *eLife*, 8. (PMID:30667360)

Kirmiz M, et al. (2019) Neuronal ER-plasma membrane junctions organized by Kv2-VAP pairing recruit Nir proteins and affect phosphoinositide homeostasis. *The Journal of biological chemistry*, 294(47), 17735-17757. (PMID:31594866)

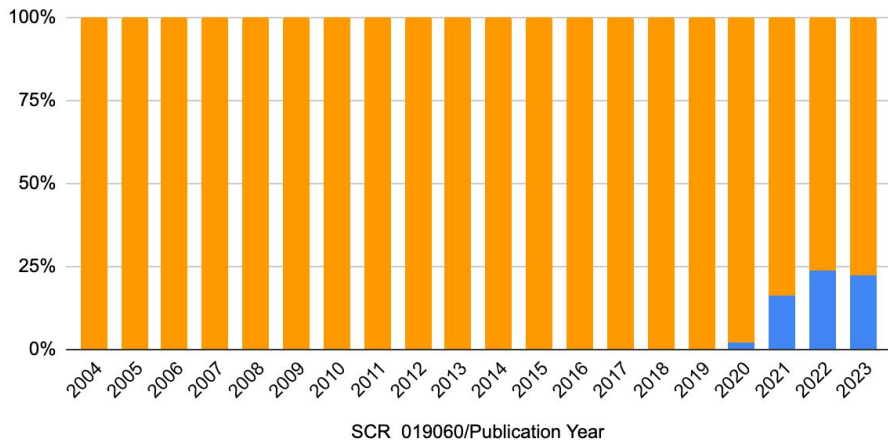
Check [Google Scholar](#) for all resource mentions.

HOW MANY RRID CITATIONS DO WE GET FOR CORES?



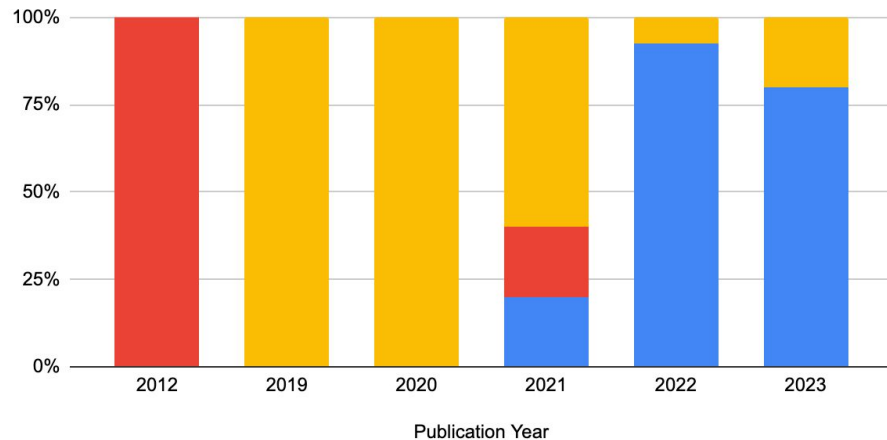
UNC Microscopy Core Facility

Grants RRIDs



UCSC Microscopy Core Facility

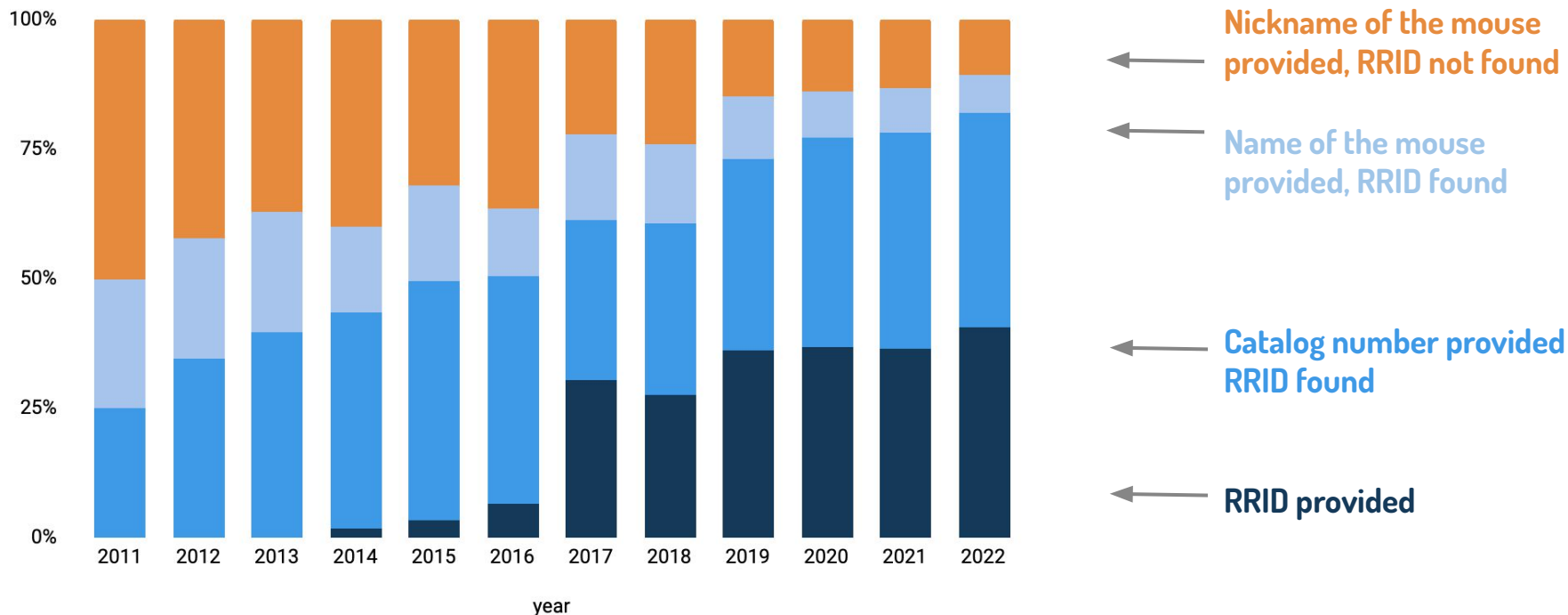
Grant Name RRID



Established cores may draw a smaller benefit than newer cores, but the grant citations come largely from the core staff as part of progress reports!



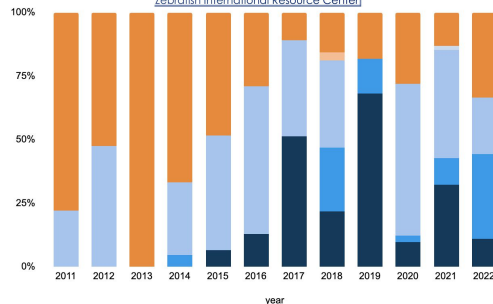
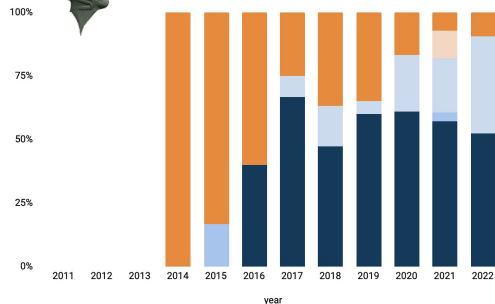
PERCENTAGE OF REFERENCES PER CATEGORY WHEN MMRRC MICE WERE USED



CITATION PRACTICES SHIFT FOR EACH COMMUNITY AFTER RRID IMPLEMENTATION



NXR frogs



Center name used

Nickname of the resource provided, RRID not found

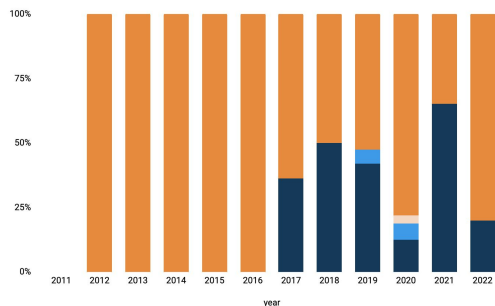
Name of the mouse provided, RRID found

Catalog number provided RRID found

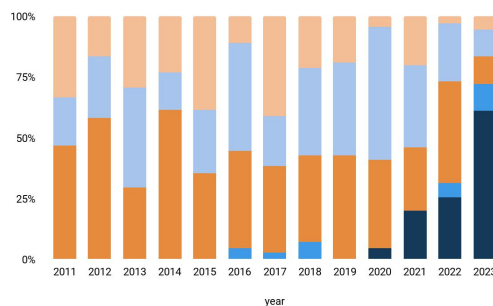
RRID provided



AGSC ambystoma



NHPRR
Nonhuman Primate
Reagent Resource



CAN WE ASK THE PUBLISHERS TO PITCH IN?



CAN WE AUTOMATE ADDING RRIDS TO MANUSCRIPTS BEFORE THEY ARE PUBLISHED?

Yes!!!

Via the automated reviewer
SciScore, now in use at ~45
journals pings authors with
relevant RRIDs, cell line
problems, broken github links,
clinical trial issues etc.



**RRIDS ARE HERE TO SERVE YOUR NEEDS
BUT THEY ARE NOT MAGIC
LIKE MOST THINGS THEY WILL TAKE WORK TO BE EFFECTIVE**

BUT AS NIH ASKS...



<https://orip.nih.gov/resource-directory/research-resource-identifiers>