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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?

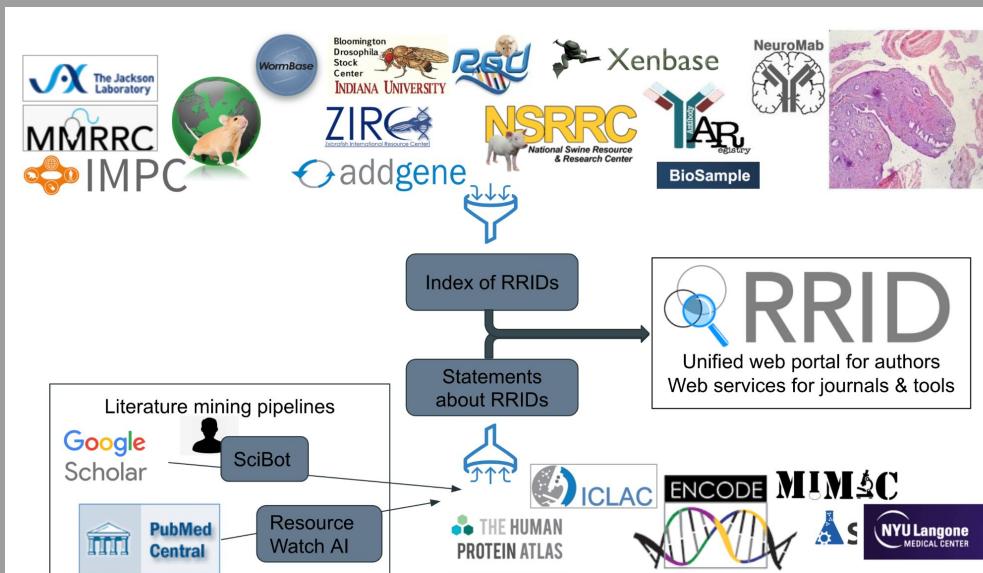
(Company Name) (Catalog number), (RRID Identifier from authority)

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.

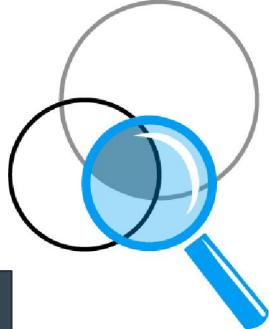
Who are the users: >1500 Publishers/journals, research resource companies (producing e.g. antibody, mouse and cell lines)

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



Resource Summary Report

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Home / Resource Reports / Tools / Resource Summary Report

Resource Name

NeuroMab

RRID:SCR_003086 [Login to claim ownership](#)

Resource Information

URL: <http://neuromab.ucdavis.edu/>

Proper Citation: NeuroMab (RRID:SCR_003086)

Description: A national mouse monoclonal antibody generating resource for applications in mammalian brain. NeuroMabs are generated from mice immunogens corresponding to components of the neuronal proteins selected from

Abbreviations: NeuroMab

Synonyms: UCDavis/NIH NeuroMab Facility, antibodies.inc, antibodiesinc, antibodiesesinc.com

Resource Type: organization portal, portal, data or information resource

Keywords: antibody, brain, channel, disease-related protein, k channel subunit, mab, mammalian, membrane protein, monoclonal antibody, mouse, neuronal monoclonal antibody, neuronal protein, neuronal signaling molecule, reagent, receptor, research reagent, synaptic protein, transporter

[Expand All](#)

Usage and Citation Metrics

We found 1309 mentions in open access literature.

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Most recent articles:

Nakai-Shimoda H, et al. (2022) -deficient mice develop somatosensory dysfunction and axonal loss in the peripheral nerves. *Science*, 25(1), 103609. ([PMID:35005553](#))

Sanchez-Pupo RE, et al. (2022) Pannexin 2 is expressed in murine skin and promotes UVB-induced apoptosis of 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. ([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.

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 Surveillance

Usage ?

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 resource for applications in mammalian brain, immunogens corresponding to common monoclonal antibodies Abbreviations: NeuroMab Synonyms: UCDavis/NIH Neuro Resource Type: organization Keywords: antibody, brain, chan monoclonal antibody, mouse, neu receptor, research reagent, synaptic protein, transporter Expand All

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, e72909. ([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.

Articles by Year

| Year | Mentions Count |
|------|----------------|
| 2008 | 0 |
| 2009 | 20 |
| 2010 | 40 |
| 2011 | 35 |
| 2012 | 40 |
| 2013 | 40 |
| 2014 | 75 |
| 2015 | 125 |
| 2016 | 155 |
| 2017 | 190 |

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 to improve this service by removing these organizations.

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

All Mentions (10 mentions) [Download Mentions] ?

First Previous Next Last Page 1 of 1 (1 ~ 10 of 10)

Forstenbach C, et al. (2021) Loss of the K⁺-channel Kv2.1 greatly reduces the excitability of rat dorsal root ganglion neurons. *Journal of Physiology Paris*, 115(1), 103930. ([PMID:33982339](#)) Primary antibodies were as follows: recombinant mouse anti-Kv2.1 IgG (NeuroMab Facility; RRID:AB_10672848; tissue culture supernatant at 1:1000).
Christopher Forstenbach - 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 Cachannel Ca²⁺1.2. *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 with 0.1% Odyssey® 0.05% Triton X-100 PBS solution: goat anti-P2Y 11 ...
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) ...
Joe T Nguyen - Davis, , United States of America
Hannah Bechtold - Davis, , United States of America
JoAnne Engelbrecht - Davis, , United States of America
Chiú 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-^{CGHVYEKLSSIE(pS)DV-OH}) was generated by New England Peptide. Antibodies against GluN2B and CaMKII, and PP1 γ were obtained from Thermo Fisher.
John A Gray - Davis, , United States of America

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



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

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, MinIon, Wafergen-Takara, 10x genomics)
DNA microarrays (Affymetrix, Agilent, custom)

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

CORE MARKETPLACE [SEARCH HERE](#)

[SEARCH](#) | [ADD/EDIT MY FACILITY](#)

All Facilities >> University of Wisconsin-Madison >> UW-Biochemistry Optical Core

UW-Biochemistry Optical Core

Facility Details

About This Facility

Services and Equipment

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

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



Resource Name [?](#)

Agilent 2100 Bioanalyzer Instrument

RRID:SCR_018043

[Login to claim ownership](#)

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 analytical

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, electrophores instrument, equipment

[Expand All](#)

This resource

is listed by

USEDit

Relationships to other resources



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

[First](#) [Previous](#) [1](#) [2](#) [Next](#) [Last](#) Page [1](#) 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) Aminoprocalcitonin 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



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)

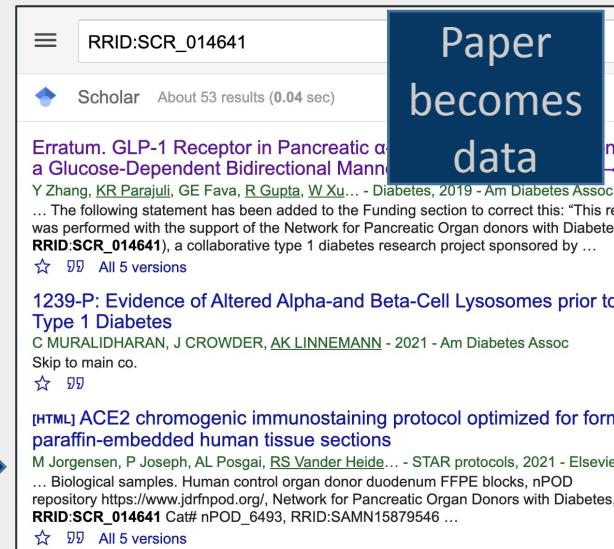
Core facilities etc 24K

Journal directs author
to RRID portal

Author searches for
a resource

Author copies
"Cite This" text
into manuscript

Paper is
published



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 sections (1 µm thickness) of formalin-fixed paraffin-embedded tissue sections from the Network for Pancreatic Organ Donors with Diabetes (RRID:SCR_014641). Sections were stained with a polyclonal rabbit anti-human fetuin-A antibody (clone MAHS-1, dilution 1:300) and a polyclonal goat anti-mouse 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)

<http://www.jdrfnpod.org>

A collaborative research project that supports nPOD approved diabetes investigators by freely providing rare and difficult-to-obtain tissues from interested researchers. Interested researchers are encouraged to apply to obtain nPOD tissues, or to request access to analyze cases in the nPOD Online Pathology site 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, Dedifferentiation, and Tumorigenesis



Lu TT Cell metabolism 2018

<http://www.jdrfnpod.org/>; RRID:SCR_014641\nChemicals, Peptides, and Recombinant Proteins

Shared Instrumentation Network

RESEARCH AND INNOVATION OFFICE

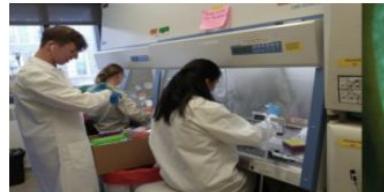
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Core Facilities

Filter by Department / Unit

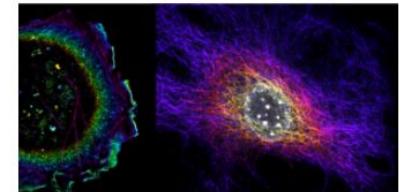
- Biochemistry
- BioFrontiers Institute
- Chemistry
- College of Engineering and Applied Science
- CU Green Labs
- Department of Integrative Physiology (IPHY)
- Department of Mechanical Engineering
- Department of Psychology and Neuroscience
- Ecology and Evolutionary Biology (EBIO)
- Geological Sciences
- 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)



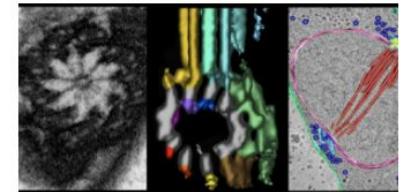
BioFrontiers Advanced Light Microscopy Core (RRID: SCR_018302)



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/Mmucl
Stock Number: 011019-UCD
Citation ID: RRID:MMRRC_011019-UCD
Major Collection: GENSAT

[COPY RRID CITATION TO CLIPBOARD](#)

Purified anti-AKT1 Antibody

RRID

AB_2566355 (BioLegend Cat. No. 680302)

Antigen Details

Structure

480 amino acids with a predicted molecular weight of ap

Distribution

Cytoplasm, nucleus, cell membrane, phosphorylation on T localization to the cell membrane where it is targeted for

RRIDs are reflected on resource websites and catalogs

Cellosaurus 1-5c-4 (CVCL_2260)

| | |
|---|--|
| Cell line name | 1-5c-4 |
| Synonyms | Clone 1-5c-4; Clone 1-5c-4 WKD of Ching 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 He Transformant: NCBI_TaxID: 333761; Human papilloma 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
an open-access journal of  SOCIETY FOR NEUROSCIENCE

THIS ARTICLE FOR AUTHORS ALERTS SUBMIT A MANUSCRIPT

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 info

Table 1.

Antibodies used in this study

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

Antibody Name

Anti-Kv2.1 K⁺ Channel Antibody

RRID: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), superK89/34, 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](#))

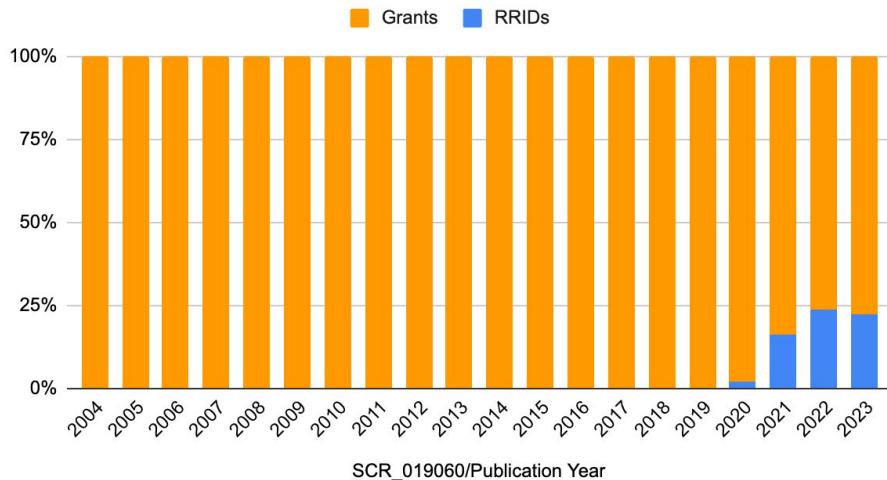
Kirmiz M, et al. (2019) Neuronal ER-plasma membrane junctions organized by Kv2-VAP pairing recruit Nir proteins and affect phosphoinositide homeostasis. The Journal of biological chemistry. 294(47), 17735-17757. ([PMID:31594866](#))

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

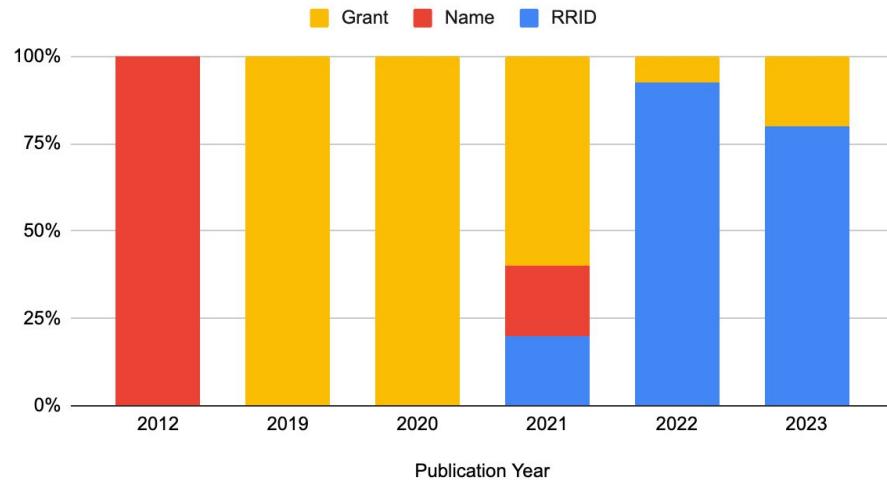
HOW MANY RRID CITATIONS DO WE GET FOR CORES?



UNC Microscopy Core Facility



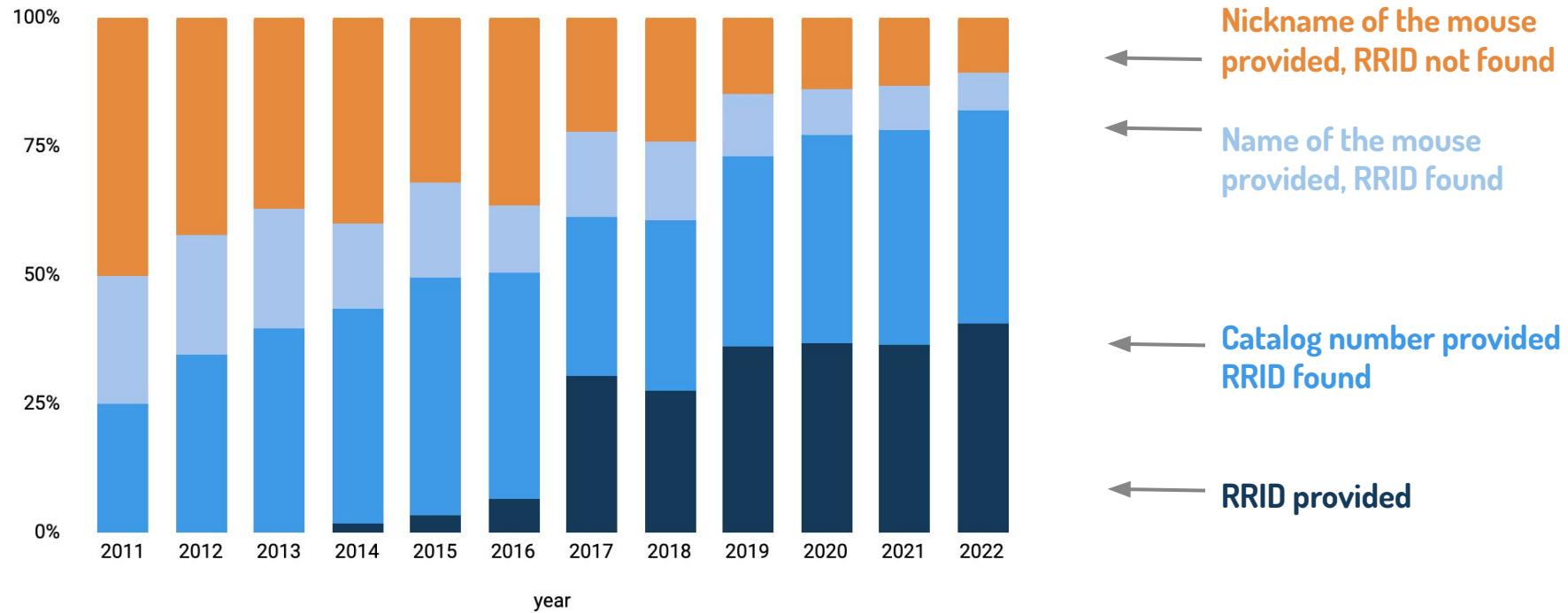
UCSC Microscopy Core Facility



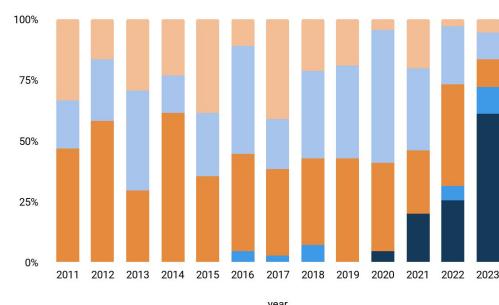
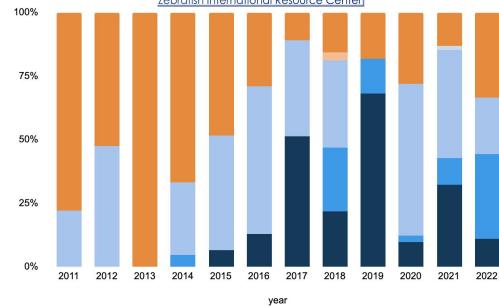
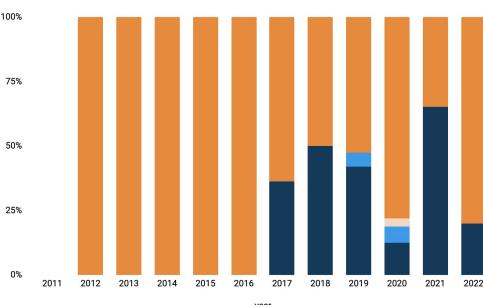
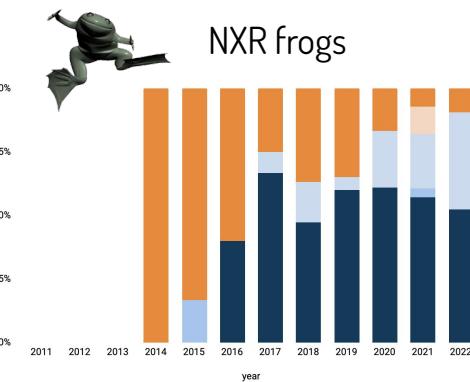
Established cores may draw a smaller benefit than newer cores, but the grant citations come largely from the core staff as part of progress reports!



PERCENTAGE OF REFERENCES PER CATEGORY WHEN MMRRC MICE WERE USED



CITATION PRACTICES SHIFT FOR EACH COMMUNITY AFTER RRID IMPLEMENTATION



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

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>