

The CoreMarketplace:

What it is, and how it increases your core's visibility in the research environment

Nate Herzog

Project Lead

nsherzog@uvm.edu

CoreMarketplace Purpose:

“To raise visibility of Cores, their capabilities, and their roles in research”

CoreMarketplace Population:

719 Active Core Facilities Listed
201 Different Institutions Worldwide
12+ Countries

WHAT DOES IT DO? (View)

[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

WHAT DOES IT DO? (Search)

[START OVER](#) [ADD/EDIT MY FACILITY](#)

SEARCH THE COREMARKETPLACE

[START OVER](#) [ADD/EDIT MY FACILITY](#)

[SHOW MAPPED RESULTS](#)

All Facilities >> Your search for: "10x Genomics" in each listing found 18 core facilities
[DOWNLOAD](#)

Listings With (2) Matches

Facility Name	Location	Matches	Last Updated
Center for Functional Genomics, Microarray & HT Sequencing Core	University at Albany, SUNY Rensselaer, NY 12144	General (1) Equipment (0) Services (1) Publications (0)	04/01/2020
CPCT Genomics Research Core Facility	University of Massachusetts	Matches	Last

WHAT DOES IT DO? (Postings)

POSTINGS

Postings are requests for specific facility services or configurations to address research needs. Listed facilities may also post services offered to researchers.

Request or promote specific services, specializations, equipment, protocols, and more. Any requests will be forwarded to all matching facilities.

A blue button with rounded corners containing a speech bubble icon and the text 'NEW POSTING'.

Service Offered: Example Offer
(04/15/2021)

Contact:
✉ **Nate Herzog**

This is an example offer of facility services. If I had my email set as the contact information for a facility listing, this post would automatically ... **(more)**

Service Wanted: Example Posting
(04/12/2021)

Contact:
✉ **Anonymous**

This is an example posting. This is for an example request for a genomics research inquiry. Beyond this description, I can assign specific services an... **(more)**

Postings are active for two months after the date of posting

WHAT DOES IT DO? (Edit)

START OVER

Editing: UVM-Test Facility

View Listing

General Information

Core Details

Contact Information

Associated Profiles

Facility Highlights

Equipment

Publications

Services

Metadata & Metrics

Associations

RRIDs & Identifiers

Listing Metrics

Marketplace Metrics

Administrative

Listing Settings

Core Details

Facility Type *

Facility Institution (If facility is a business, enter 'Private Company') *

Facility Name *

It is recommended you predicate your name with your institution initials to keep it unique. (Ex: UIN-My Facility)

Facility Description *

 If this were a real facility, this section would contain a brief description of the facility and its capabilities.

Are Services Offered Outside of Your Institution? *
 Yes
 No

Do you offer Consulting/Training Outside of Your Institution? *
 Yes

START OVER

Editing: UVM-Test Facility

View Listing

General Information

Core Details

Contact Information

Associated Profiles

Facility Highlights

Equipment

Publications

Services

Metadata & Metrics

Associations

RRIDs & Identifiers

Listing Metrics

Marketplace Metrics

Administrative

Listing Settings

Publications

Add publications to your facility listing. Publications are displayed on your listing and linked to PubMed. Added publications are included in search results.

Add Publications

Add the names of persons whose publications you wish to include with this facility listing. This will link all publications in PubMed listing this person as an author.

Names should appear as they are published. Usually this is last name, one space, and two initials.
 Example: 'Lastname FM'
 [Show Screenshot Example]

Author Name (as listed in PubMed):

My Pubs SciCrunch Pubs PubMed Pubs (RRID) PubMed Pubs (Grant Number)

Below are publications manually added to this listing

- Emerson SE, St Clair RM, Waldron AL, Bruno SR, Duong A, Driscoll HE, Ballif BA, McFarlane S, Ebert AM (2017 Jul). Identification of target genes downstream of semaphorin6A/PlexinA2 signaling in zebrafish. PMID: 28440030.
- Ali S, Driscoll HE, Newton VL, Gardiner NJ (2014 Nov). Matrix metalloproteinase-2 is downregulated in sciatic nerve by streptozotocin induced diabetes and/or treatment with minocycline: Implications for nerve regeneration. PMID: 25158309.
- Nguyen NH, Driscoll HE, Specht CD (2008 Jun). A molecular phylogeny of the wild onions (Allium; Alliaceae) with a focus on the western North American center of diversity. PMID: 18226928.

FINDING YOUR CORE

Multiple Doors To Your Listing



SEARCH



(you are here)



Associated
Websites



SEARCH
ENGINES



CUSTOM CODE



MY CORE ISN'T AVAILABLE

*Everything (and more) that wants to find your
core listing*



Research/
Researchers



(you are here)



Research/Science
Websites



Your Institutions



RRIDs, as well as creating visibility, are the tools for facility citations in publications


RRID = One tag that represents all your facility information, capabilities, and specialties

RRIDs more and more are required by publications to accurately cite research elements

RRID citations means it's much easier for your core to accurately get cited for participating in research

RRIDs create a link between an article and your core listing

Anatomy of the RRID syntax

A blue magnifying glass icon with a white handle, positioned to the right of the 'Company or Service Provider' box.

Company or Service
Provider

Vermont Advanced Computing Core (VACC),
Date Accessed, **RRID:SCR_017762**

**Global Unique
Persistent Identifier**

WHAT CAN YOU DO?

1. List Your Facility
2. Keep Your Listing Updated
3. Join the ABRF CoreMarketplace working group.

Email: nsherzog@uvm.edu

RRID syntax for a core facility



Vermont Advanced Computing Core (VACC), Date Accessed, RRID:SCR_017762



Company or
Service Provider



Global Unique
Persistent Identifier

Questions: abandrowski@ucsd.edu

RRID Author's Workflow

<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 600K (>25 centers)
- Cell lines 120K
- Plasmids (Addgene)
- BioSamples
- Core facilities, software tools, instruments

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

About 42 results (0.04 sec)

Erratum. GLP-1 Receptor in Pancreatic α -Cells Regulates Glucose in a Glucose-Dependent Bidirectional Manner. *Diabetes* 2019; 68(11):2019-2027. doi:10.2337/diabetes.190000. Y Zhang, KR Parajuli, GE Fava, R Gupta, W Xu... - *Diabetes*, 2019 - Am Diabetes Association

... The following statement has been added to the Funding section to correct this error: This work 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 the National Institutes of Health (NIH) and the Department of Energy (DOE).

☆ 99 All 6 versions Import into BibTeX

[HTML] Ectonucleoside triphosphate diphosphohydrolase-3 antibody (Ectonucleoside triphosphate diphosphohydrolase-3 antibody) in human pancreatic β cells for in vitro and in vivo analysis *Cell metabolism*, 2019 - Elsevier

DC Saunders, M Brissova, N Phillips, S Shrestha... - *Cell metabolism*, 2019 - Elsevier

JavaScript is disabled on your browser. Please enable JavaScript to use all the features on this page. Skip to main content Skip to article ...

☆ 99 Cited by 24 Related articles All 10 versions Import into BibTeX

ACE2 and SARS-CoV-2 Expression in the Normal and COVID-19 Pancreas *Diabetes* 2020; 69(11):2020-2027. doi:10.2337/diabetes.190000. I Kusmartseva, W Wu, F Syed, V Van Der Heide... - 2020 - papers.ssrn.com

... CEM), Imaging Core of NIH/NIDDK P30 DK097512 (CEM), gifts from the Sigma-Aldrich, the Ball Brothers Foundation, and the George and Frances Ball Foundation (CEM) for Pancreatic Organ donors with Diabetes (nPOD; **RRID:SCR_014641**) (5-SRA-2019-0001).

☆ 99 Cited by 5 Related articles All 7 versions Import into BibTeX

eLife. 2016; 5: e14862.
doi: [10.7554/eLife.14862](https://doi.org/10.7554/eLife.14862)

ELKS controls the pool of readily releasable synapses through its N-terminal coiled-coil domain

ELKS2, which are both present at immature active zones.

In the long-term, it will be important to understand how the synapse-specific control of RRP and P contribute to circuit function. Human genetic experiments and mutations in *ERC1/ELKS1* may contribute to autism spectrum disorders (Silva et al., 2014), and it is possible that the pathophysiology arises from synapse-specific misregulation of neurotransmitter release.

Materials and methods

Mouse lines

All experiments using mice were performed according to the Institutional Guidelines at Harvard University. Conditional double knockouts of *Elks1* and *Elks2* were generated by crossing *Elks1 α /2 α* proteins were generated by crossing conditional knockout mice for *Elks1* ([Liu et al., 2014] RRID:IMSR_JAX:015830) and *Elks2* ([Kaeser et al., 2009] RRID:IMSR_JAX:015831) genes. *Elks1 α /2 α* cDKO mice were maintained on a homozygote line.

Generation of antibodies

Elks2 α specific antibodies were raised in rabbits using an *Elks2* peptide (109LSHTDVLSTYTDQ120). Peptides were synthesized and conjugated to keyhole limpet hemocyanin (KLH) via an N-terminal cysteine residue. Rabbits were inoculated with KLH-conjugated *Elks2* peptides and given booster injections every two weeks, and bleeds were collected every three weeks. Sera were screened for antibodies that bind to recombinant *Elks2* peptides. Protein samples harvested from cultured neurons, brain homogenate, and transfected cells were immunoprecipitated with anti-*Elks2* antibodies and immunoblotted with anti-*Elks2* antibodies.



STOCK *Erc1*^{tm2.1Sud}/J

MOUSE STRAIN DATASHEET - 015830

Email Download



Typically mice
Service

OVERVIEW DETAILS ▾ GENETICS DISEASE/PHENOTYPE ▾ TECHNICAL SUPPORT ▾ PRICING & AVAILABILITY ▾

Details

– Detailed Description

A 5'UTR exon and the first coding exon of the *Erc1* (ELKS/RAB6-interacting/CAST family member 1; ELKS1, CAST) gene were floxed to generate these floxed mutant mice. Mice that are homozygous for this floxed allele are viable, fertile, normal in size and behavior, and do not exhibit any behavioral abnormalities. Normal expression of the targeted gene is demonstrated by the floxed allele.

+ Development

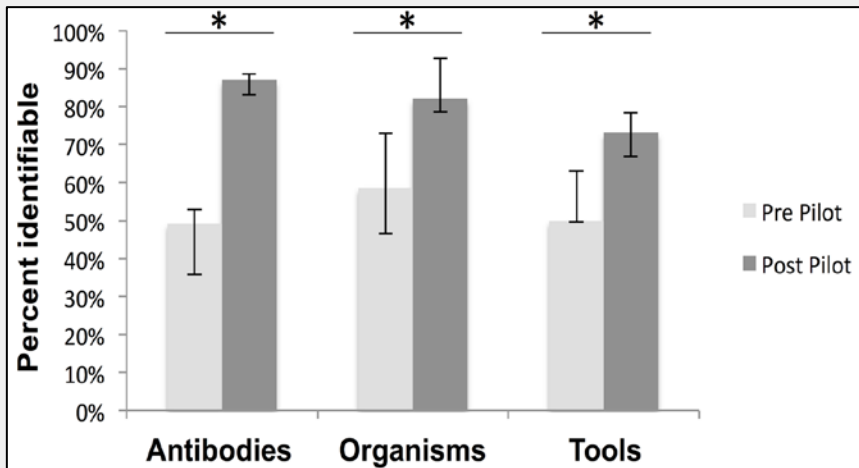
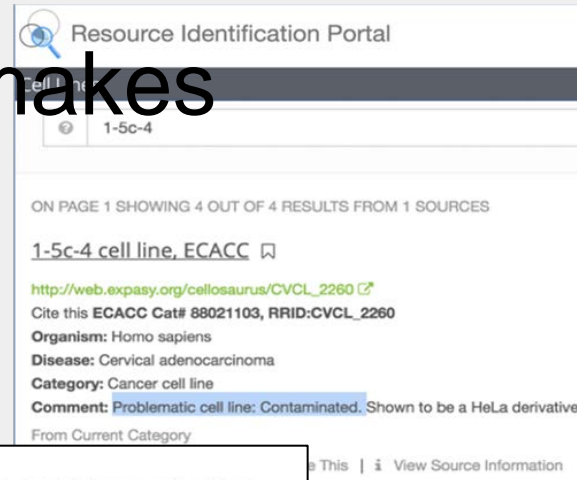
+ Control Suggestions

+ Selected References

– Genetics

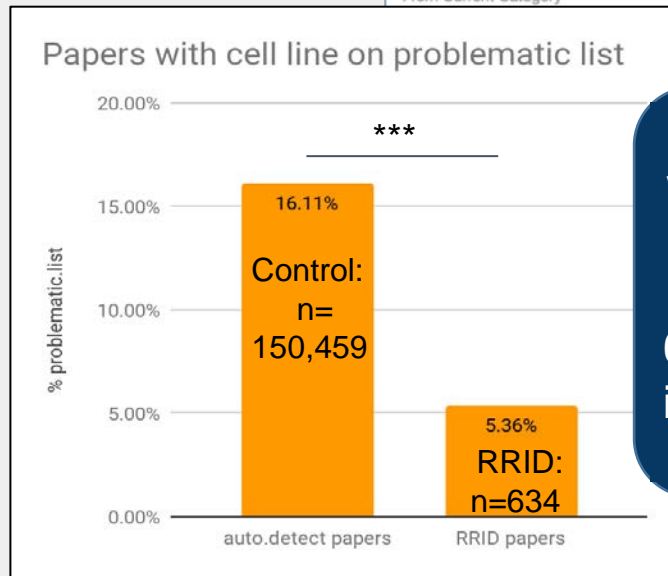
Resolver

Using identifiers for resources makes better (more reproducible) papers



Bandrowski et al, 2015a,b,c,d

RRID = 40% increase in reagent findability



Babic et al, eLife, 2019

Authors see warning about cell lines = 66% decrease in naughty cell lines



PUBLICATIONS

<http://aacrjournals.org/improv-reprod>

<https://www.nature.com/nature-research/editorial-policies/reporting-standards>

American Association for Cancer Research

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[Alerts](#)

RRID found in >1200 journals
Requested in >250, including:
Nature, Science, Cell, & eLife

Improving Reproducibility

To improve the reproducibility of published research articles, authors are encouraged to include details in their studies. These details include: identifiers for the reagents and tools used, the date of use, and the point in time, addition of this information is strongly encouraged, but not required.

Research Resource Identifiers (RRIDs)

To uniquely identify critical biological reagents and software tools reported in research articles, AACR asks its authors to include unique searchable Research Resource Identifiers (RRIDs) in their manuscripts. In addition to uniquely identifying each reagent and tool, these identifiers are used by search engines to return all articles in which a resource was used. We encourage authors to use these methods and providing critical data to help researchers identify suitable resources in their manuscripts.

How to find an RRID

To obtain an RRID please visit the [Resource Identification Portal](#) and the methods for searching are provided below.



Nature Research supports the [Resource Identification Portal](#), the aim of promoting unique, persistent identification of key biological resources, including antibodies, cell lines, organisms and tools. We encourage authors to include the identifiers provided by the [Resource Identification Portal](#), for example, Antibody: [RRID:AB_2140114](#); Organism: [RRID:MGI_MGI:3840442](#)), in the manuscript. More information on how to include listed RRIDs or generate new RRIDs can be found at the [Resource Identification Portal](#).

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 at many databases 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.

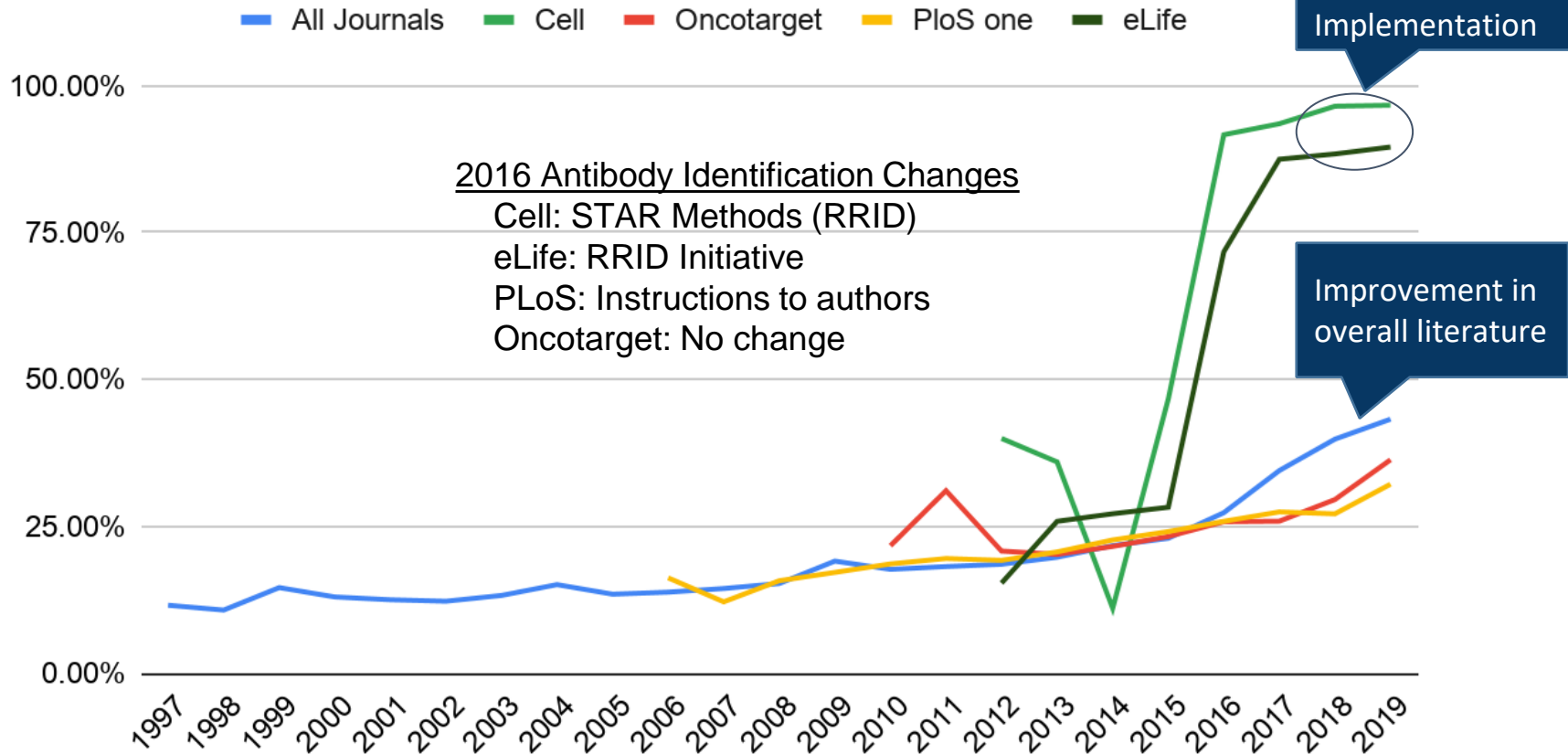
Distribution Cytoplasm, nucleus, cell membrane, phosphorylation on T199, and localization to the cell membrane where it is targeted for

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 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

Antibody identification over time



So why would you want to use the RRID?

A story with data

Some facilities make the citation by RRID very



[Browse Catalog](#) ▾

[Deposit](#) ▾

[Education](#)

How to cite this plasmid

([Back to top](#) ↑)

These plasmids were created by your colleagues. Please acknowledge the Principal Investigator, cite the article in which the plasmids were described, and include Addgene in the Materials and Methods of your future publications.

For your **Materials & Methods** section:

pMIG was a gift from William Hahn (Addgene plasmid # 9044 ; <http://n2t.net/addgene:9044> **RRID:Addgene_9044**)

Decoding myofibroblast origins in human kidney fibrosis

Christoph Kuppe, Mahmoud

Nature 589, 281–286(2021)

16k Accesses | 3 Citations

Abstract

Lentiviral overexpression of *NKD2*

The human cDNA of *NKD2* was PCR amplified using the 3' and 5'-CTAGGACGGGTGGAAGTGGT-3'. Restriction sites were inserted into the PCR product using the primer 5'-

CACTCGAGGCCACCATGTACCCATACGATGTTCCAGATACGGAATTCCTAGGACGGGTGGAAGTG-3'. Subsequent digestion with EcoRI and cloning into pMIG (pMIG was a gift from W. H. Lee) resulted in the construct <http://n2t.net/addgene:9044>; **RRID:Addgene_9044**. Re-

transfection in combination with packaging plasmid pCMVcat and pseudotyping plasmid pMD2.G (pM

1. Author uses RRID
2. Paper is published
3. RRID Robot “reads”
4. PMID<>RRID Data is made public (available to use)

scibot

Public

Jan 28

RRID:Addgene_9044

DOI: 10.1038/s41586-020-2941-1

Resource: RRID:Addgene_9044

Curator: @evieth

SciCrunch record: [RRID:Addgene_9044](https://scicrunch.org/RRID/Addgene_9044)[What is this?](#)

RRID:Addgene_9044

RRIDCUR:Validated



Plasmid Name

pMIG 

RRID:Addgene_9044 

RRID<>PMID data is used in the RRID system, available to CrossRef, Stratocore, and Core Marketplace

Plasmid Information

URL: <http://www.addgene.org/9044>

Proper Citation: RRID:Addgene_9044

Bacterial Resistance: Ampicillin

Comments: Excised IRES hGFP-resistance gene (pac) in process. WRE element. The WRE element sequence reference.

[Expand All](#)



Usage and Citation Metrics

We found 2 mentions in open access literature.

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Most recent articles:

Amir M, et al. (2018) REV-ERBa Regulates T17 Cell Development and Autoimmunity. Cell reports, 25(13), 3733-3749.e8. (PMID:30590045)

Braun CJ, et al. (2017) Coordinated Splicing of Regulatory Detained Introns within Oncogenic Transcripts Creates an Exploitable Vulnerability in Malignant Glioma. Cancer cell, 32(4), 411-426.e11. (PMID:28966034)

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



Addgene is fully registered with RRID system

Addgene

SCR_002037

Discussion: [+](#)

Resource Description

Literature Mentions

Fields

Up to date

Curated

Status:
Curated

Version 11

Rejected

Reject resource

-- Add new field --

Resource
Name

Addgene

Description

A non-profit plasmid repository that
share high-quality plasmids

Addgene's mission is to accelerate research and
useful research materials and information. We fac

Including twitter
handle & ORCID

Social URLs

<https://www.facebook.com/addgene>, [h](#)

Twitter
Handle

Addgene

Article | Published

Decoding fibrosis

Christoph Kuppe, I

Nature 589, 281–

16k Accesses | 3

Abstract

Decoding myofibroblast origins in human kidney fibrosis

Overview of attention for article published in Nature, November 2020



About this Attention Score

In the top 5% of all research

SUMMARY

News

Blogs

Twitter

Facebook

Wikipedia

Re



So far, Altmetric has seen 218 tweets from 168 users, with an upper bound of 2,561,502 followers

Showing items 1–100



RRID Robot

@RobotRrid

A paper using RRID:Addgene_12259 (from @Addgene) was just published in Nature, see " in human kidney fib..." (<https://t.co/8gBEvn6jHM>): <https://t.co/FGfvBw2C4p>. Thank you for #ReproducibleResearch

31 Jan 2021

RRID Robot tweets to Addgene and authors notified via AltMetrics

Our goal for Core Facilities



We are or will be sharing information to reduce your workload (enter the data in one system and it populates relevant info in others)



SEARCH HELP LISTING WIDGET NEWS MANUAL

START OVER ADD/EDIT MY FACILITY

SHOW MAPPED RESULTS

All Facilities >> Your search for: **RRID:SCR_018265** in each listing found 1 core facility

Listings With (1) Match

Biomolecular Core Laboratory

Nemours/Alfred I. duPont Hospital for Children
Wilmington, DE 19803
United States of America



Nemours Biomolecular Core Facility
(RRID:SCR_018265)

Login to edit this resource or subscribe to new mentions

<http://nemoursresearch.org/core/fac/>

Develops research projects in pediatric genetics and provides essential services in molecular biology and genetics to Nemours clinicians and research staff and to affiliated researchers of University of Delaware and Thomas Jefferson University. Resource for staff of Alfred I. duPont Hospital for Children, Nemours affiliates, COBRE / INBRE and outside customers. Offers expertise in molecular genetics and genomics. Operates according to policies set forth by federal CLIA sta ...[more]



INFORMATION RELATIONSHIPS REFERENCED BY ANALYTICS SOURCE

Keywords

Pediatric genetics, molecular biology service, genetics, Next Generation Sequencing, PCR, qPCR, microarray, Cell Line Authentication, Genotyping, Alfred I. duPont Hospital for Childr ...[more]

Resource ID

SCR_018265

Alternate IDs

ABRF_117

Website Status

Last checked up

Resource Type

Resource, service resource, core facility, access service resource

Availability

Open

Synonym(s)

Nemours Biomolecular Core Laboratory

Proper citation

(Nemours Biomolecular Core Facility) RRID:SCR_018265

Make citing your core 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

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 (clone MAHS-1, RRID:AB_2534114, dilution 1:300) 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 service 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 nPOD approved diabetes investigators. 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

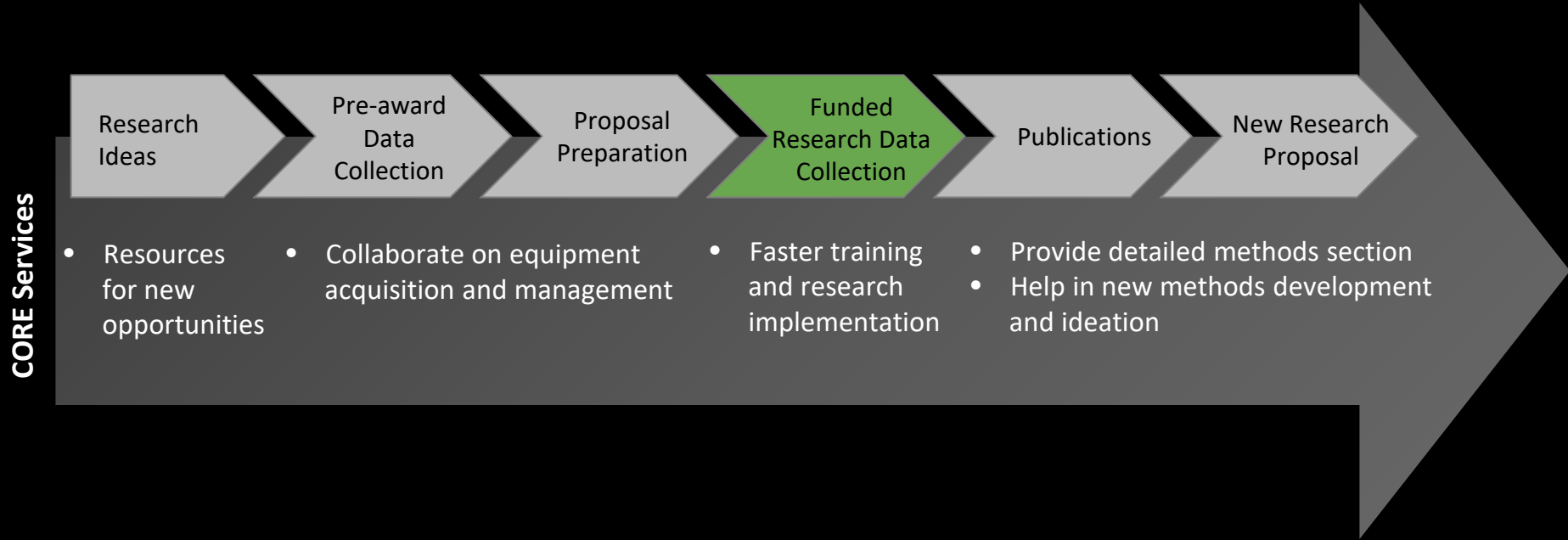
The Polycomb-Dependent Epigenome Controls β Cell Dysfunction, Ded



Lu TT Cell metabolism 2018

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

Core Facilities in the Research Lifecycle



How Can Cores Track Value in Research Lifecycle?



Shared Instrumentation Network

RESEARCH AND INNOVATION OFFICE

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

Core Facilities

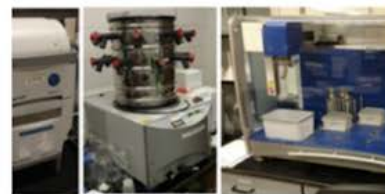
Filter by Department / Unit

- 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

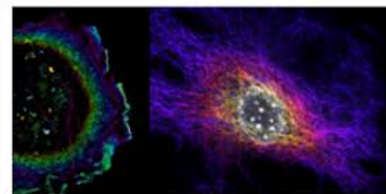
[Reset Filters](#)



Biochemistry Cell Culture Facility
(RRID:SCR_018988)



BioCore: Shared Equipment Program
(RRID:SCR_019302)



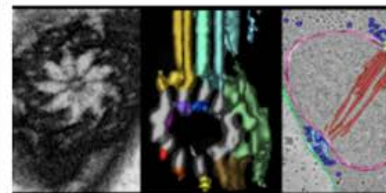
BioFrontiers Advanced Light Microscopy Core (RRID: SCR_018302)



BioFrontiers Sequencing Facility
(RRID:SCR_019308)

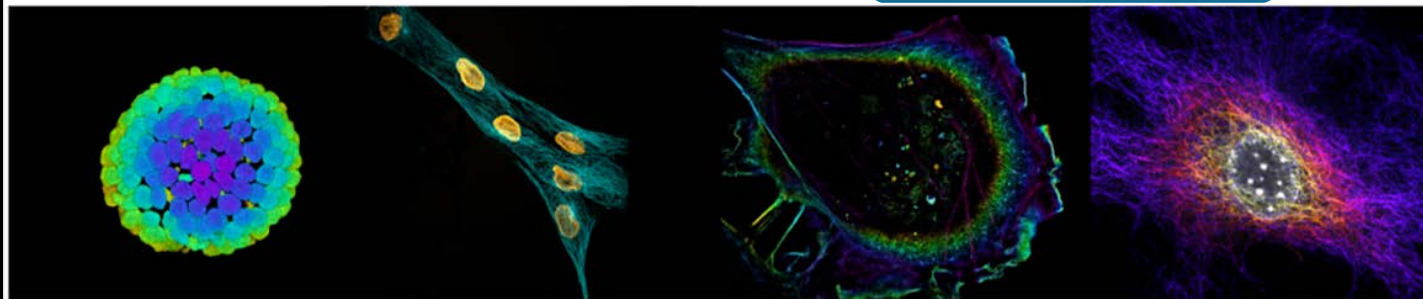


BioKEM - BioChemistry Krios Electron Microscopy Facility
(RRID:SCR_019057)



Boulder Electron Microscopy Services Core Facility
(RRID:SCR_001432)

BioFrontiers Advanced Light Microscopy Core (RRID: SCR_018302)



The **BioFrontiers Advanced Light Microscopy Core (BFALMC)** is an open access user facility that serves the entire CU Boulder and local scientific community. BFALMC houses six different imaging systems that allow researchers to observe both microscopic and macroscopic objects, including 3D printed structures, tissues, organoids, cells and single particles. Beyond technology and data analysis, we focus on user education and assistance, guiding researchers along the entire investigation pipeline from concept to experimental design to data acquisition and analysis. We look forward to helping you with your research needs.



Joe Dragavon, PhD

Director



Jian Tay, PhD

Image Analysis Specialist

Facility summary

☎ 303-735-6988 ✉ biof-imaging@colorado.edu 🌐 [Website](#)

- 📍 **Location:** JSCBB C350
- 🔬 **Technology focus:** Optical microscopy
- 📖 **Microscope equipment summary:** Widefield, Confocal (laser scanning and spinning disc), Super Resolution (STORM), High Throughput Screening, FRET, TIRF, FRAP, Live and fixed cells
- 🛠️ **Analytical tools summary:** ImageJ/Fiji, MATLAB, Imaris, Cell Profiler, ICY
- 🚪 **Open to:** CU Boulder, occasional external/industry use



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All Facilities >> University of Colorado Boulder >> BioFrontiers Advanced Light Microscopy Core (Imaging (Cell, Molecular, PET, Translational))

BioFrontiers Advanced Light Microscopy Core (Imaging (Cell, Molecular, PET, Translational))

Facility Details

About This Facility

Services and Equipment

Publications

Associations

Metadata

University of Colorado Boulder

3415 Colorado Avenue

Boulder, CO 80303

United States of America

<https://bficores.colorado.edu/imaging-facility>

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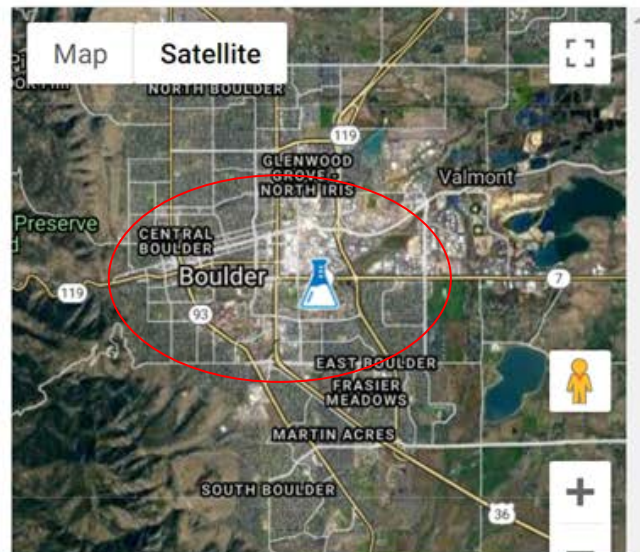
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Primary Contact:

Joe Dragavon

Last Updated: 10/22/2020



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of publications

ves an overview on the number of publications throughout the organization and by the Core

report

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86

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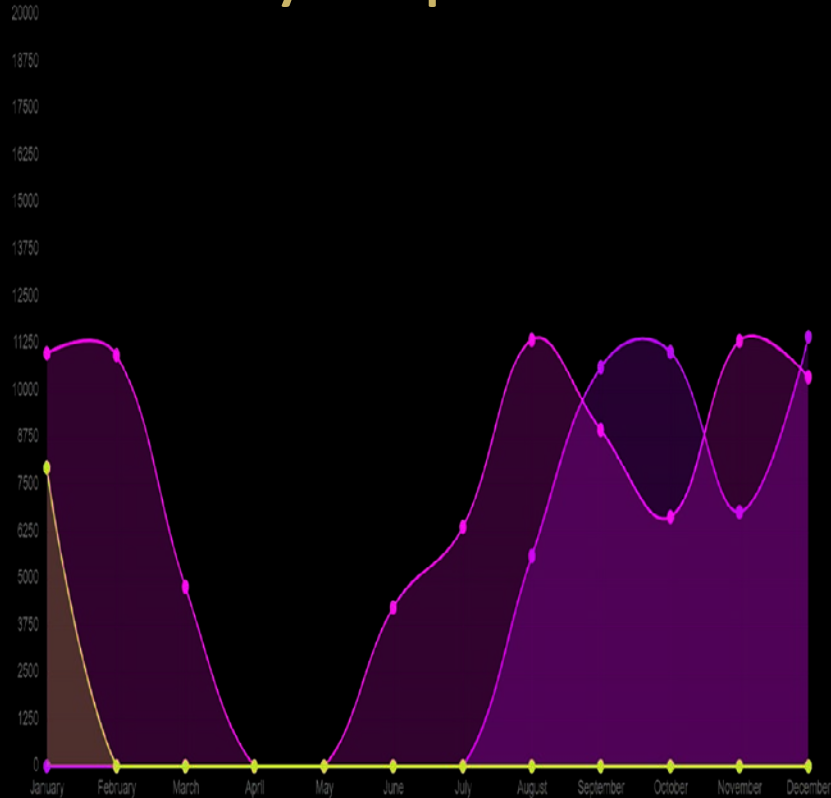
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	A	B	C	D	E	F	G	H	I
1	id	title	journal	year	month	volume	RRIDs	DOI	Last Modification By
2	2	Polarizati	J. Phys. Chem. C	2018	6		RRID:SCR_018985.	10.1021/acs.jpcc.8b03402	Pettine Jacob
3	6	Reactive fl	Journal of the American Ceramic Society	2019	5	102/2294-2303	RRID:SCR_018985.	https://doi.org/10.1111/jace.15974	Yoon Bola
4	7	On the syr	Journal of the American Ceramic Society	2019	6	102/3110-3116	RRID:SCR_018985.	https://doi.org/10.1111/jace.16335	Yoon Bola
5	8	Reactive fl	Scripta Materialia	2020	2		RRID:SCR_018985.	10.1016/j.scriptamat.2019.09.037	Avila Navarro Viviana
6	9	Solid-state	Journal of the American Ceramic Society	2020	2	Available online.	RRID:SCR_018985.	https://doi.org/10.1111/jace.17079	O'Toole Rebecca
7	10	Reactive fl	Scripta Materialia	2020	5	181/48-52	RRID:SCR_018985.	10.1016/j.scriptamat.2020.02.006	Yoon Bola
8	12	Amphora	Bibliotheca Diatomologica (book)	2018	5		RRID:SCR_018985.		Borsa Tomoko
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11	15	Molecular	Journal of Phycology	2019	1	5	RRID:SCR_018985.	https://doi.org/10.1111/jpy.12836	Borsa Tomoko
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15	19	A compari	Biofuels	2016	4		RRID:SCR_018985.	http://dx.doi.org/10.1080/17597269.2016.1163216	Borsa Tomoko
16	20	Historical	PLoS One	2016	4	1	RRID:SCR_018985.	https://doi.org/10.1371/journal.pone.0152797	Borsa Tomoko
17	21	Newly des	Diatom Research	2016	3		RRID:SCR_018985.	http://dx.doi.org/10.1080/0269249x.2016.1141802	Borsa Tomoko
18	22	Considera	Nova Hedwigia	2015	1		RRID:SCR_018985.	http://dx.doi.org/10.1127/nova_supp1/2015/0038	Borsa Tomoko
19	23	Chapter 1	Freshwater Algae of North America, 2nd Ed	2015	4		RRID:SCR_018985.	https://doi.org/10.1016/b978-0-12-385876-4_00016-5	Borsa Tomoko



Core Facility Reports Linked to RRIDs



Capturing ALL Metrics that Matter to Cores

ORCID

- **ORCID** Open Researcher and Contributor Identification
Captures Researcher productivity

RRIDs

- **RRID** Research Resource Identifier
- **Captures** Productivity (publications) of the Core Facility

ORCID
+
RRID

- **Goal** Captures all the metrics that matters to Core + researcher productivity in one place





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Comments / Thoughts:

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