

protocols.io is the centralized platform for the collaborative creation, management and sharing of research methods. Now, you can deliver a platform to your researchers, faculty and students to work better and smarter; you can support the re-use and reproducibility of research as needed; and you gain better insight into the totality of research that is done at your institution.

## A Dynamic Environment

Give your researchers, faculty and students a dynamic environment to organize and update methods and edit these collaboratively. The protocols.io environment is interactive, enabling others to comment on entire methods or on individual steps. Methods can be easily exported locally or mirrored to Google Drive, Dropbox, andother cloud storage sites. Researchers, faculty and students can also readily view and compare different versions of the methods.

	mcSCRB-seq pr		View 33 comments on prior versions 35 comments Comment or ask a question.					
Aolecular Crowding SCRB-seq	Swati Parekh <sup>1</sup> , Johan		s= Run ₽ Copy / Fork	d <sup>1</sup>	Wange <sup>1</sup> , Beate Vieth <sup>1</sup> ,	Mohammad-Monzoor Akinwa	e Aug 16, 2019	
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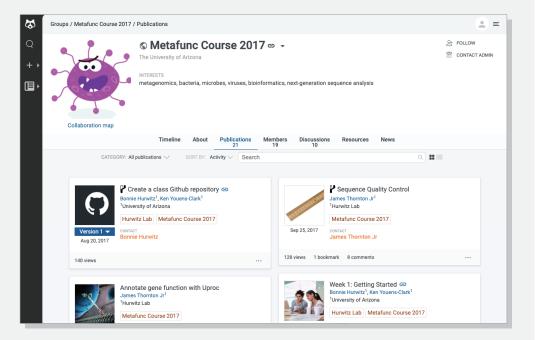




# # I B

#### Teaching and Learning

Use protocols.io in computational and lab classes, with easy sharing of class material. Students can follow instructions while also having the opportunity to directly ask questions or make comments on class content. Class content can be open for everyone, or the instructor can choose to make it only accessible for the students.



## Reproducibility and Re-use

With protocols.io, the research community can readily reproduce and re-use research methods in support of open science goals and mandates. The protocols.io editor feature makes it simple and easy to enter detailed procedures, supporting open communication with authors and facilitating reproducibility and refinement. As a result, protocols.io also speeds the time in which research is produced and disseminated, as researchers can collaborate and iterate on methods in real-time.

Description Guidelines & Warnings Materials Steps VIEW SHARE - MORE - All changes	9				
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□ 14 Pellets can be frozen at this point at <u>8-80 °C</u> .		Amount	[M] Concentration	<b>Č</b> Temperature	COMPONENTS
Nuclei lysis (Day 1, afternoon) 0m 15 Add 3 ml Nucleus Lysis Buffer and close tube tightly	Om	Duration	Protocol	Document	HISTORY
□ 16 <sup>Pipette</sup> up and down to resuspend pellet.	Om	Equipment	Reagent	> Command	
·	Om	Citation	Dataset	Software	
☐ 17 Add		Note	Safety Information	Expected Result	
□ 18 Mix by gently swirling tube.	Om	Centrifugation	Coto	РН РН	
• (TTTTT)	0m	→ thickness			

## **EBSCO**

#### **Increased Citations**

protocols.io supports the minting of a DOI for each published method, which can be associated with the published paper. As a result, researchers can be cited for more than just their article

$\mathbf{\tilde{s}}$	Aleksanda	ar Janjic / Publications / mcSCRB-seq protocol	
		Steps Abstract Guidelines Materials Forks Metadata Metrics	REPLY Aleksandar Janjic
		DOI dx.doi.org/10.17504/protocols.io.p9kdr4w	
		PDF	
		https://protocols.io/view/mcscrb-seq-protocol-p9kdr4w.pdf	
		PROTOCOL CITATION	
		Johannes Bagnoli, Christoph Ziegenhain, Aleksandar Janjic, Lucas Esteban Wange, Beate Vieth, Swati Parekh, Johanna Geuder, Ines Hellmann, Wolfgang Enard (2018). mcSCRB-seq protocol. protocols.io dx.doi.org/10.17504/protocols.io.p9kdr4w	
		MANUSCRIPT CITATION please remember to cite the following publication along with this protocol	
		Johannes W. Bagnoli, et al (2018) Sensitive and powerful single-cell RNA sequencing using mcSCRB- seq. <i>Nature Communications</i> 9:2937. doi: <u>10.1038/s41467-018-05347-6</u>	
		KEYWORDS	
		molecular crowding, scRNA-seq, SCRB-seq	
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## Institutional Stewardship

When you provide a centralized platform to your researchers, you gain much-needed insight over the research methods that are created in your institution, ran and copied (forked). You can also readily collect research methods for inclusion in the (institutional) repository, preserve it, and understand its impact through in-depth analytics. All methods are archived in CLOCKSS for long-term preservation.

## **Enterprise Benefits**

An institutional subscription offers the following benefits:

- A dedicated environment where researchers can create, manage and share unlimited private research methods
- Dedicated training webinars
- 1-on-1 video demonstrations for researchers
- Dedicated customer service and technical support
- Reporting on published output

- Integration with the institutional repository and long-term preservation
- Team administration
- For researchers: unlimited number of private protocols, shared notebook records, dedicated technical support, training and protocol import

# **EBSCO**