

Quick and Easy Genome Annotation Editingwith Apollo

Nathan A. Dunn¹, Colin Diesh², Helena Rasche³, Anthony Bretaudeau⁴, Rob Buels², Nomi Harris¹, Ian Holmes²

(1) Lawrence Berkeley National Laboratory, Berkeley, CA, (2) Department of Bioengineering, Berkeley, CA, (3) University of Freiburg (4) INRA, BIPAA/GenOuest, France







nathandunn@lbl.gov

	guit Pl. Urrel, Colle D		nnotation m, Nord L. Hards, Pric Tax	, Holone Roseler,
Version 2 so: East the propriet	Published: Fe	Secary 6, 2019 - Properi	Mei.org/13.1371(ournel.pd:	K 1006790
Article	Authore	Metrice	Converts	Media Coverage
÷				
Abstract	Abstra	ct		
bringlation.	Genome emocation is the process of identifying the location and function of a genome/s- encoded that-me, reprinciple beddispeta assumbly of annotation as a tempera and bending- process requiring searchers to emissive self-indeposation midple sources of information such intersoriptions alignments, greatistise module travel on sequence profiles, and compenhans to traveless travel or material arguments. Statutes report, previously peaks are independing at material greating author of interests to recognize assumers as a souther advantage to the in widespread democratic for their traveless assume in the deliberation arrelated traveless of percents in a greating traveless, and prevent plants, an agent abstracts and sole of genomic behavior in a graphical breaken beast distincts. Genom of Applich in recent user independent on support for real time collaboration, altering distributed wors to simultaneously will the same.			
Design and Implementation				
Results				
Availability and future directions				
Acknowledgments				
Perenences				

Comparison for Context



- **Read** genomic data
- Serverless
- Can run in desktop



- Built on JBrowse
- Write genomic data
- Server + database
- Authenticated users