Open Canvas

project : Phinch (Holly Bik)

Problem

Difficult to visualize large -Omic datasets

Biological Data Viz tools require computational expertise & lots of manual effort

Lack of interactive data viz tools, bad UX/UIs

Solution

- Scalable framework
- Low activiation energy (plug & play)
- Emphasize novelty, interactivity
- Work with designers on UX/UI

Unique Value Proposition

Quick and easy framework for sharing/storing large datasets and exporting publication quality graphics

Cutomized, interactive exploration of -Omic datasets without needing any prior computational training

Exciting educational and outreach tool - teachers and citizen scientists can work with real genomic datasets

Key Metrics

Web Traffic/Analytics
# of Downloads
Publication citations
GitHub pull requests
Social Media mentions

User Profiles

Target audience and early adopters

Research Scientists
Citizen Scientists
Teachers

User Channels

Conference Talks
Workshops
Twitter/Web
Word of Mouth
Journal Article

Resources Required

Funding - (existing Sloan Foundation grant)
Long-term Funding (new grant proposals)
End Users to test and uptake product
Data Viz Expertise (Pitch Interactive)
Community Contributions to Code

Contributor Profiles

Contribution types and ideal contributors

Computer Scientists (Academics)
Freelance Programmers with biological interest/expertise
Postdocs, Grad Students, other research Trainees
End Users (bug reports, data viz requests)

Contributor Channels

Github
Slack
Social Media
Academic Journals

Project Execution

Product

Community

See next slide for instructions!

Open Canvas

project : Title

Make your own canvas:
Go to **File** > **Make a Copy...**