Real-time, web-based genomic big data analysis
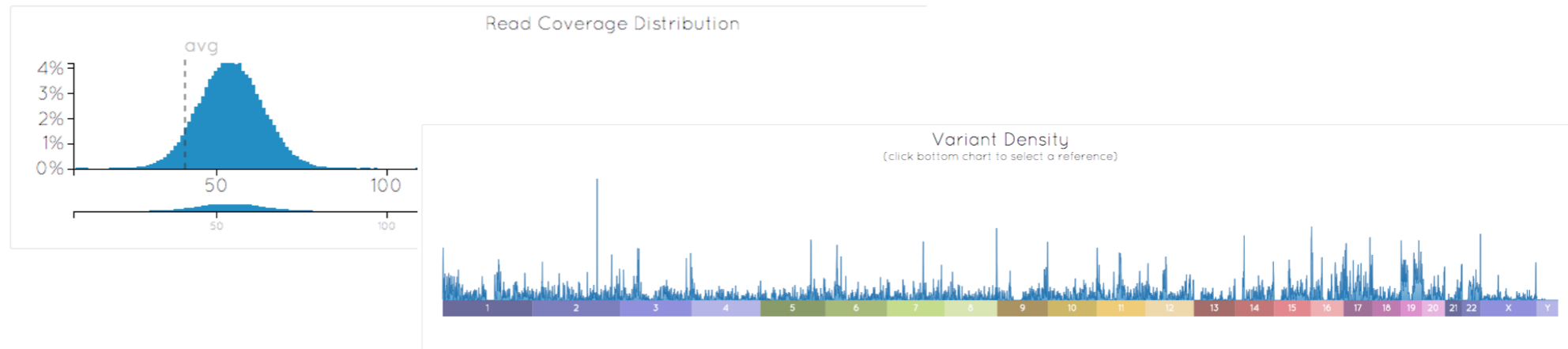
Alistair Ward

USTAR Center for Genetic Discovery, University of Utah
Frameshift Genomics

iobio - what is it?

Data access

Real-time analysis

Intuitive visualization

How can this be useful?

1. Help ensure quality of data

2. Allow non-bioinformaticians access to analysis

3. Aid, and speed the diagnosis process

Project development

Proof of concept

Is the innovation useful?
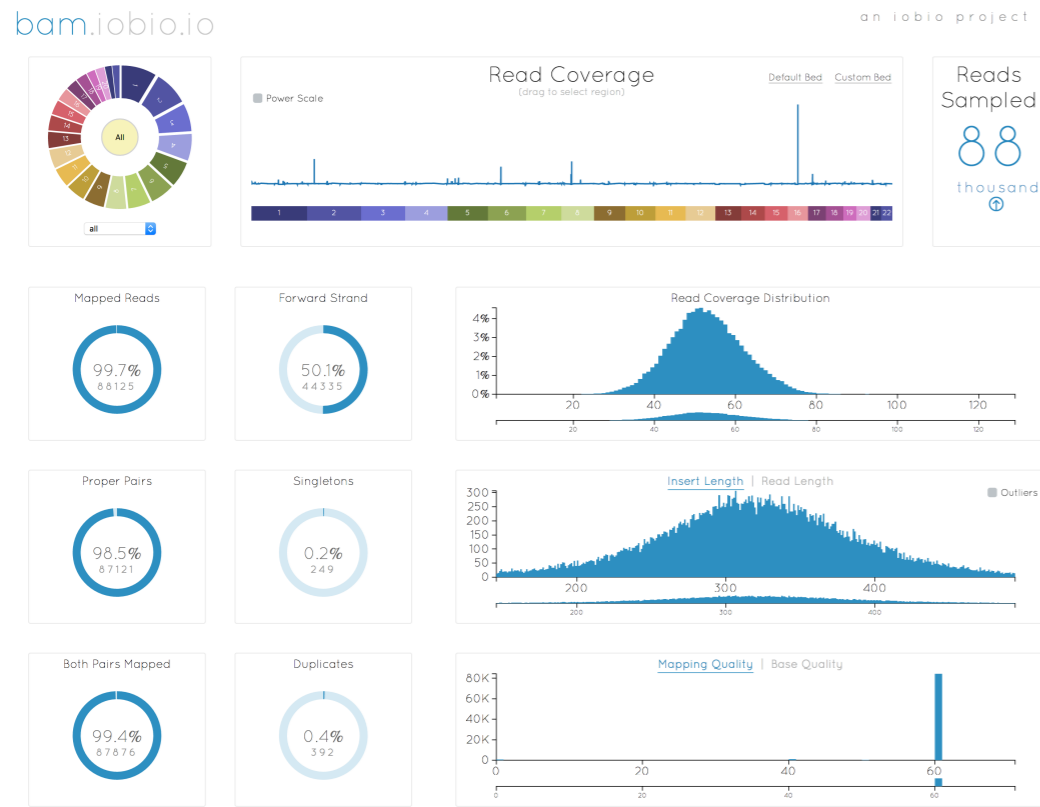
Move to clinical relevance

Project development

Where is money coming from?

Project development

Understand available resources

TVC / USTAR

- Grant writing and resource advice
- Sources of funding
- Connections to collaborators/investors

Legal advice