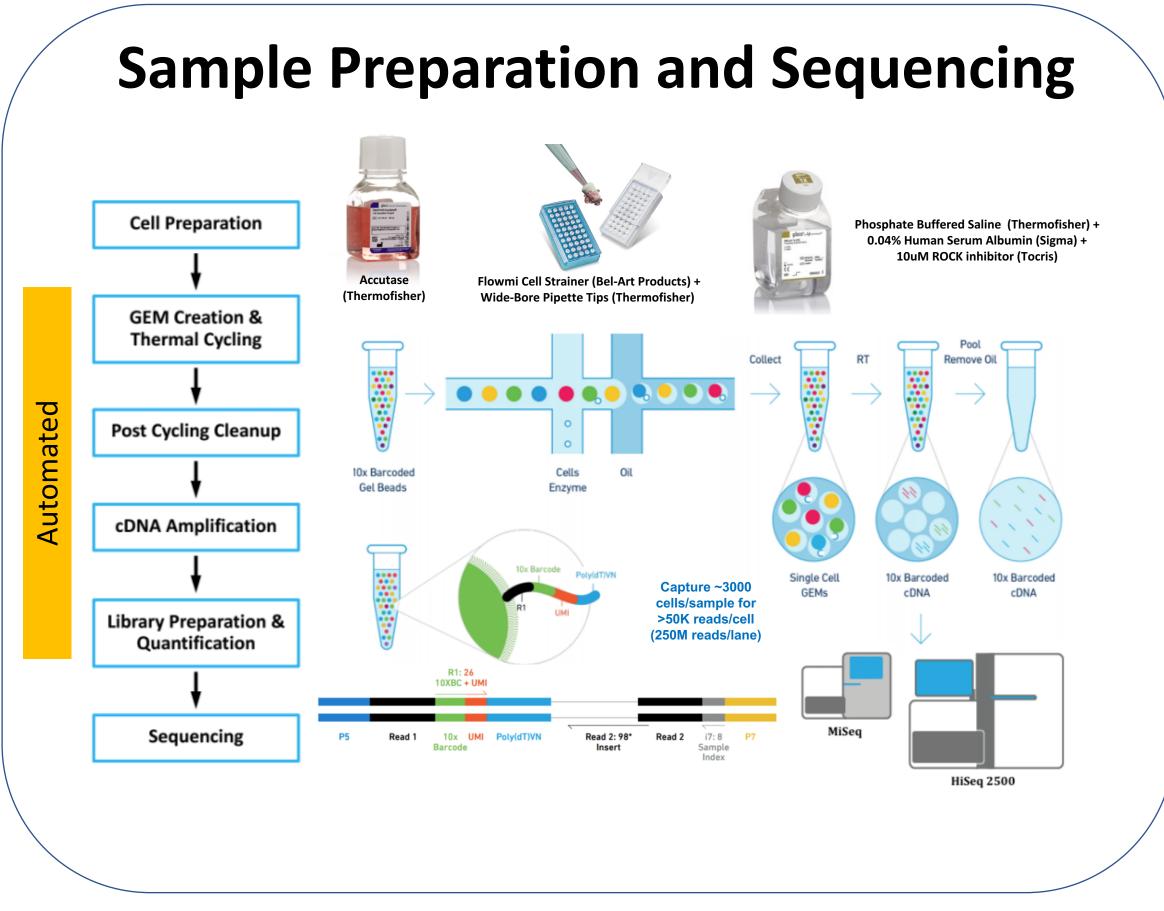
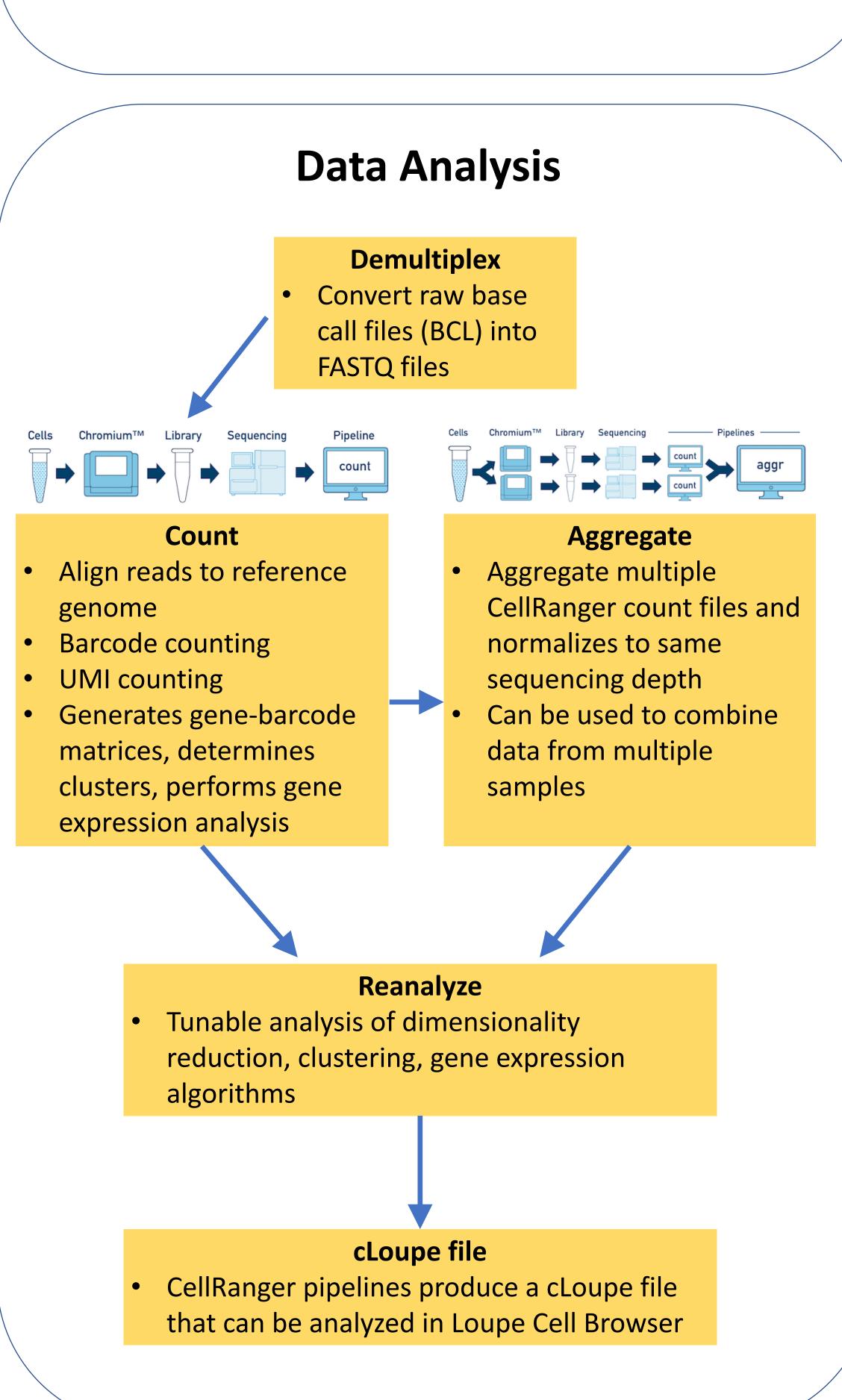
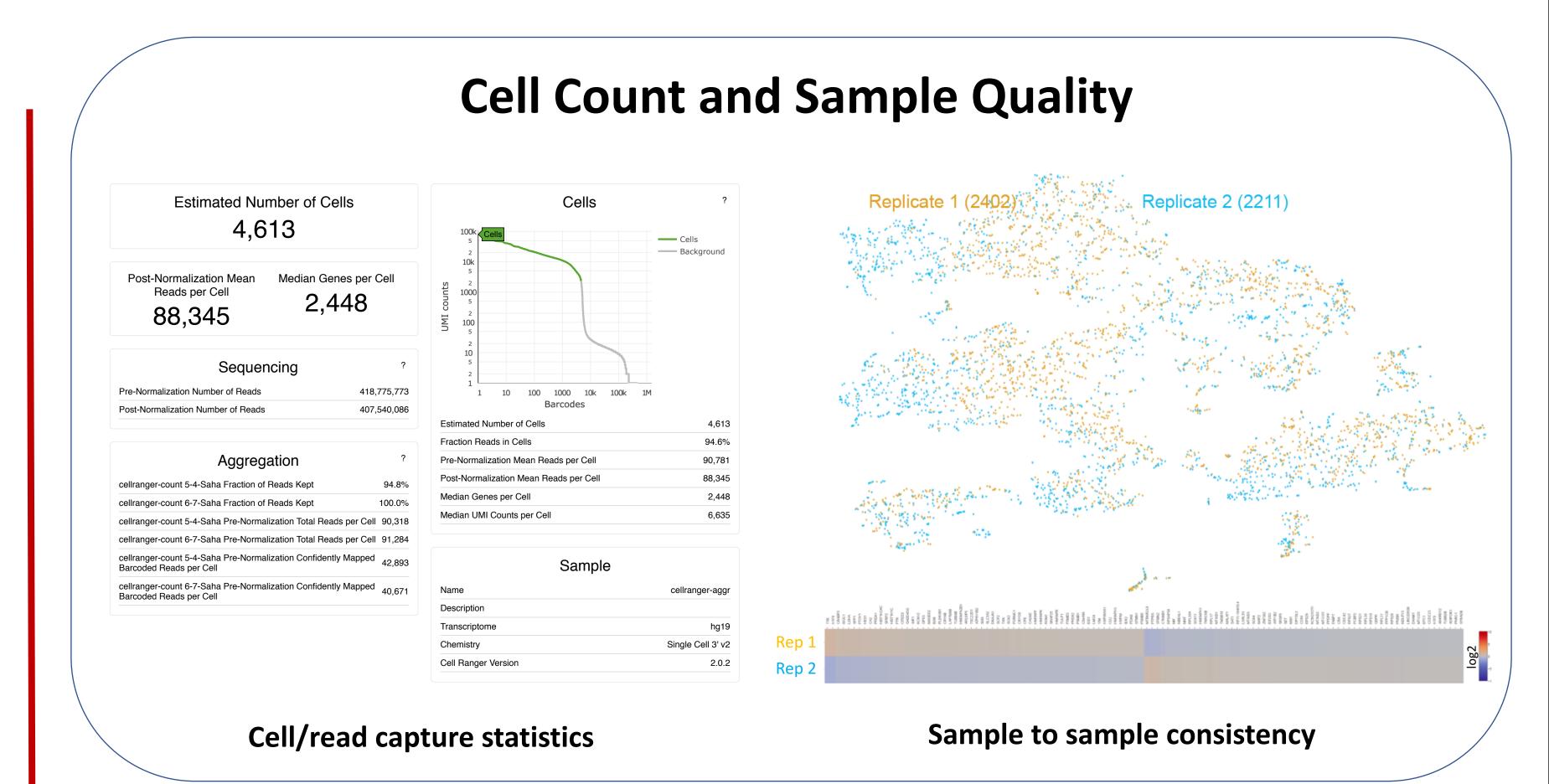
Single Cell RNA Sequencing of Retinal Organoids with 10x Genomics Chromium Workflow

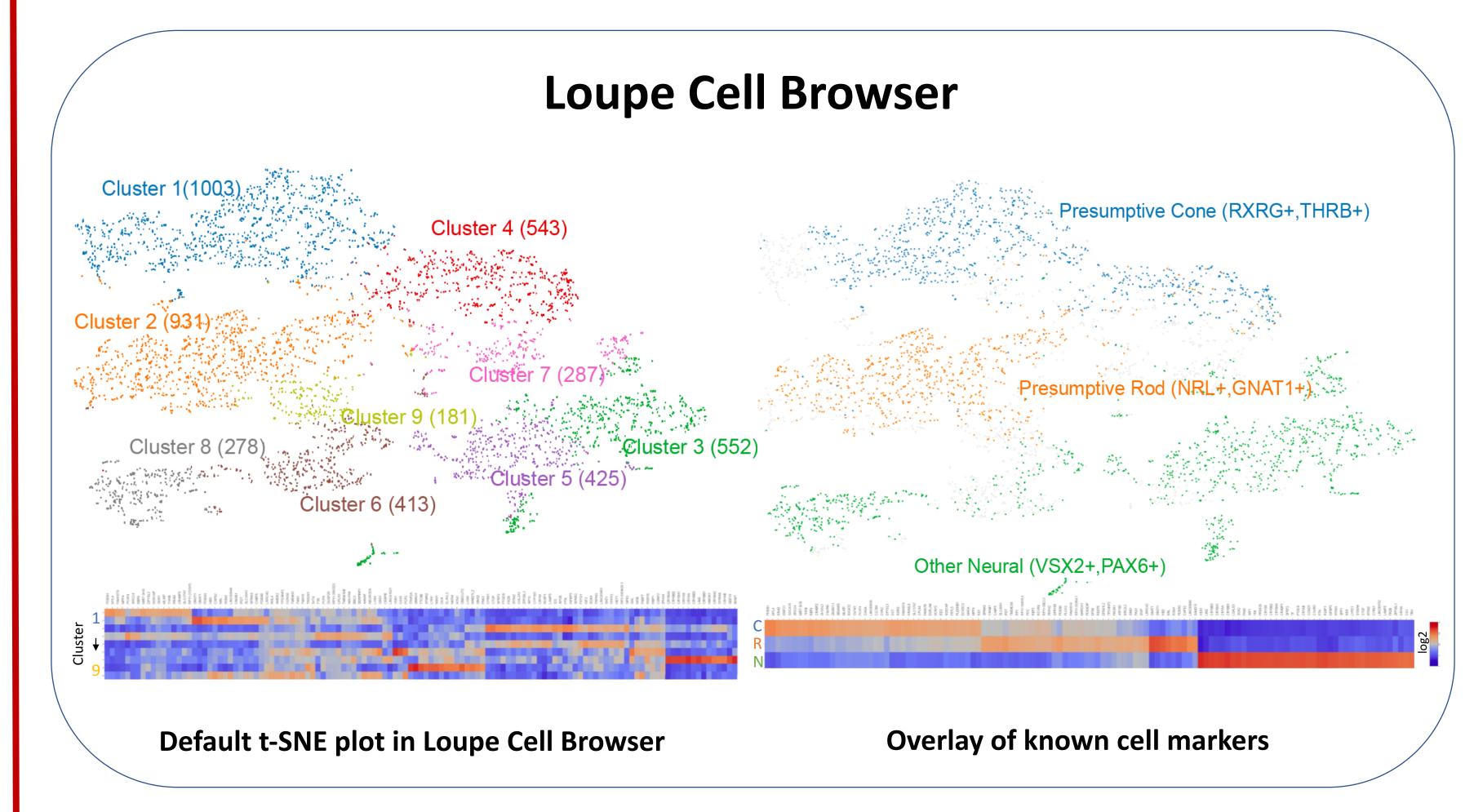
Benjamin Steyer, Katie Mueller, David Gamm, and Krishanu Saha Wisconsin Institute for Discovery, University of Wisconsin Madison Waisman Center, University of Wisconsin Madison

Goal: Identify cell subpopulations and transcriptional heterogeneity within retinal organoids









Future Directions

- Construct custom reference genome to analyze transgene expression (GFP, mCherry, etc.) within Loupe Cell Browser
- Explore targeted capture capabilities: V(D)J region, etc.

Acknowledgements



UW-Madison Biotechnology Center

- Gene Expression Center
- DNA Sequencing Facility
- Bioinformatics Resource Core

