**Statement of sharing, code and data dissemination, and collaboration**

**Code development**: All code developed as part of the CZI project will be disseminated through a Github repository through the PIs Github organization (FertigLab). The Github repository will be public to coordinate development with collaborators in the consortium and broader HCA network. The PI will monitor pull requests, discuss this development with collaborators through Slack, and include the GitHub app in Slack for these projects to facilitate such collaboration. At the time of publication of any new methods, algorithms developed on Github will be released in the CoGAPS Bioconductor package15 or new Bioconductor packages as best suits the project. The PI will coordinate these version control efforts and software release with collaborators and the CZI.

**Proposal:** The proposal has already been developed in collaboration with the collaborative network and shared publicly on <https://github.com/FertigLab/HCA>.

**Data sharing**: We will work closely with collaborators to ensure all raw sequence data used in this project is deposited in the HCA Data Coordination Platform. We will generate separate code repositories for applied analyses of these data (include results files and cache), consistent with the PI’s standard practice (e.g., <https://sourceforge.net/projects/psva/>, <https://github.com/FertigLab/EGFRFeedback)>.

**Protocols**: All protocols developed for bioinformatics analysis will be described fully in the Readme of the Github package and/or in the vignette of the Bioconductor software in which they are released. No experimental protocols are associated with this project.

**Manuscripts:** Methods will be published, and posted on Bioarxiv at the time of submission for publication. All publications will cite the grant number, as specified in the grant agreement.