



Genetics, Bioinformatics, & Systems Biology Colloquium

presents

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**LIVE ON
ZOOM**



Thursday
Apr 18, 2024



12PM



Zoom

ID: 892 9868 6869
Passcode: genome!

Providing a Common Grammar to Analyze, Manipulate, and Visualize Omics Data

Tidyomics is an open source project to develop and integrate software and documentation to enable a "tidy data analysis" framework for omics data. Tidy data refers to a set of principles of data organization, including the expectation of one row per observation and one column per variable. Tidyomics packages enable the use of familiar operation verbs (select, filter, mutate, etc.) to manipulate rich data objects in the Bioconductor ecosystem. Importantly, the data objects are not modified, but we provide an interface to work on the native objects, leveraging existing Bioconductor classes and algorithms.

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