**Overviews and Omics Viewers Demo Script**

**Cellular Overview**

Show web cellov for E. coli

Point out different parts, zooming controls, tooltips

Highlight ops

 Compound: pyruvate

 Gene: gltA

 Increase highlighted edge thickness

 Demo List option

 Gene: Regulon PurR

 Modulation: Cofactor pyridoxal phosphate

 Bsub cellov: Enzyme by curation: experimental evidence

 Species comparison: shared with Homo sapiens

Show desktop cellov for E. coli

 Point out how to find highlight ops

 Show right-click menu, highlight all reactions of this cpd (e.g. ornithine or pyruvate)

 Show connections: GAP or F6P (bottom of PPP)

**Regulatory Overview**

 Direct regulatees of purR

 Direct regulators of glyA

 Substring search trp

 Redisplay highlighted genes only

**Omics Analysis and Omics Viewer**

Show EcoCyc web cellov; upload H2O2 dataset (or switch to tab w/ data preloaded) to both cellov and table; also point out options for pwy collage, dashboard

Increase highlighted edge thickness,

Point out histogram

Play animation

Reduce size of control panel

Switch to 5-color display

Hide center bin

Change cutoffs

Show popups and popup preferences.

Navigate to pathway page

 Navigate to different pathway page, and show popups via customize dialog

Switch to tab with pathway table

Show desktop cellov options, if time