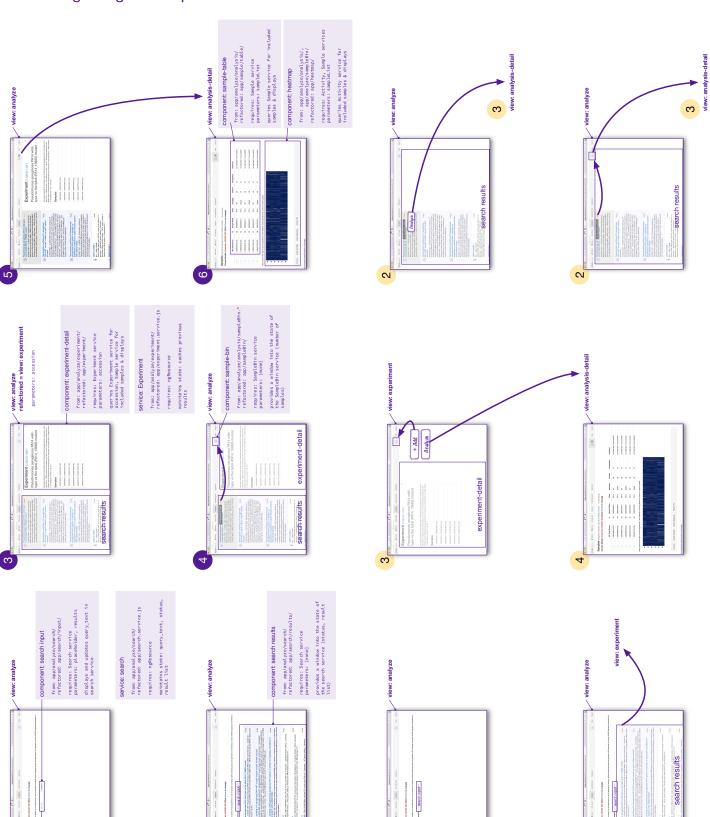
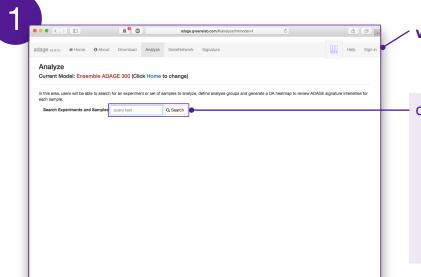
## analyze workflow

adage-server v0.8.1b refactoring design 26-Sep-2017

existing workflow: 1 2 3 4 5 6 revised workflow: 1 2 3 4





view: analyze

component: search input

from: app/analyze/search/ refactored: app/search/input/

requires: Search service

parameters: placeholder, results

displays and updates query\_text in

search service

service: search

from: app/analyze/search/

refactored: app/search.service.js

requires: ngResource

maintains state: query\_text, status,

result list

Analyze Current Model: Ensemble ADAGE 300 (Click Home to change) In this area, users will be able to search for an experiment or set of samples to analyze, define analysis groups and generate a DA heatmap to review ADAGE signature inte Search Experiments and Samples pa14 search inputearch GSM131086 1
ast:\_GSM131086 1 (SM131086, PA14\_last\_niR.CEL.nucleic\_acid: RNA oct: 1.5 genotype \_:\_alast@nft growth\_setting\_1: Planktonic description: PA14 last\_first without \_...1600, growth\_setting\_2: Aretified strain: PA14 medium: LB temperature: 37 ... GSM1310895 1
830: ...GSM1310895 1 GSM1310895\_PA14\_wild-type.CEL rucipic\_acid: RNA od: 1.5 genotype ...: WT growth\_setting\_1: Planktonic

view: analyze

component: search results

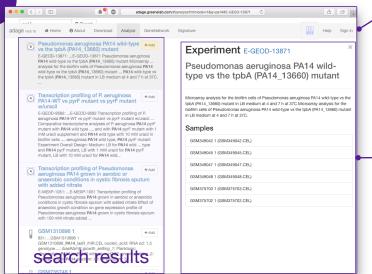
from: app/analyze/search/ refactored: app/search/results/

requires: Search service

parameters: [none]

provides a window into the state of the search service (status, result list)

3



view: analyze refactored = view: experiment

parameters: accession

component: experiment-detail

from: app/analyze/experiment/
refactored: app/experiment/

requires: Experiment service parameters: accession

queries Experiment service for accession, Sample service for included samples & displays

service: Experiment

from: app/analyze/experiment/

refactored: app/experiment.service.js

requires: ngResource

maintains state: caches previous

results

Adalgo state is 4 Home 

Pacudomonas aerus Assteues awares to warden by the popular of the before conclusive the popular party and the popular party of the before conclusive the popular party and the popular party of the before conclusive the popular party and the popular party of the before conclusive the popular party and the party and party and the party and the party and the party and the party and party and the party and party and

view: analyze

component: sample-bin

from: app/analyze/analysis/sampleBin.\*

refactored: app/sampleBin/

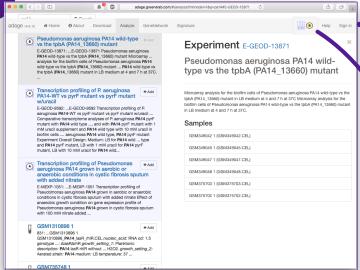
requires: SampleBin service

parameters: [none]

provides a window into the state of the SampleBin service (number of

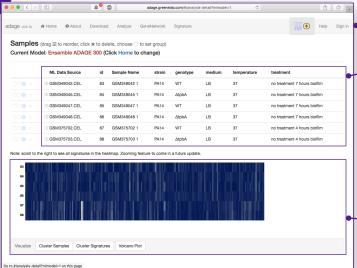
samples)

5



view: analyze

6



## view: analysis-detail

## component: sample-table

from: app/analyze/analysis/
refactored: app/sample/table/

requires: Sample service parameters: sampleList

queries Sample service for included samples & displays

## component: heatmap

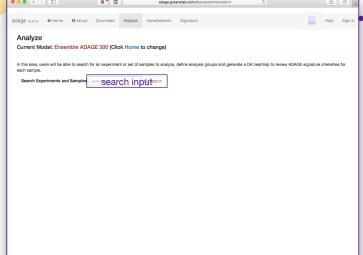
refactored: app/heatmap/

requires: Activity, Sample services

parameters: sampleList

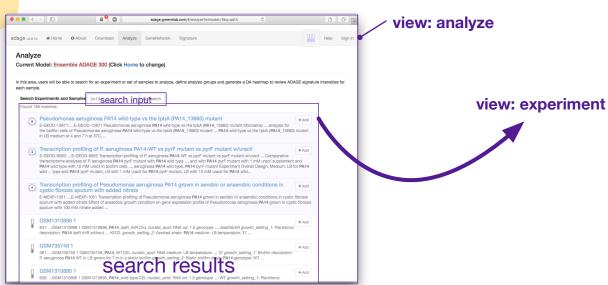
queries Activity service for included samples & displays



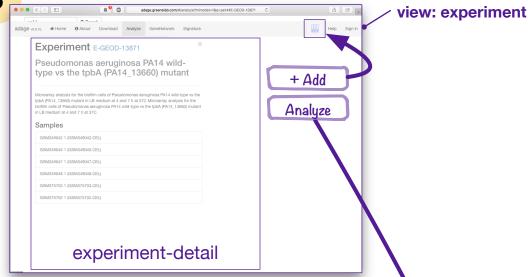


✓ view: analyze

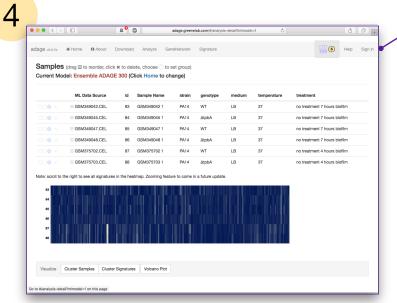




3



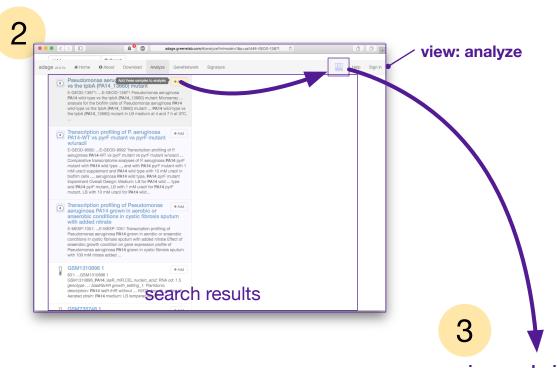
view: analysis-detail







view: analysis-detail



view: analysis-detail