

- * Docker
 - DESeq 2
 - sleuth

- * Groups for next quarter

- * Check-in

- * pathway enrichment +
metabolomics

- * DESeq 2 Tutorial

next wed?

-11, 12, 1, 4

Week 7

(planning to let Aaron form)

raw data tough to come by

GWAS

(GWAS catalog)

ML+DL⁽²⁾

Your ideas

Gene Expr. in other conditions⁽¹⁾

Cancer (TCGA)

The Cancer Genome Atlas

Alz

Heart Disease

autism

diet (lactos intol; celiac)

(recount)

... others:

- Metabolomics
- tools comparison (SCZ)

*resources to consider

This quarter's replication

- Stanley Replication? NO.
- Final Report - 12/11 (Fri; WK10)
- Fig 1d needed? No
- include why cutadapt not needed
 - if needed? chat about how to proceed
 - check FASTQC
 - ↳ cutadapt → FASTQC (again)
 - multiple runs?
 - ↳ look @ FASTQC across runs
- Google Doc for communication

ChIP-Seq

Chromatin Immuno Precipitation Sequencing

*enrich for protein binding

↳ get out binding sites

? why TF EGR1-focused?
control
↑ expression

*b/c DGEA results

metabolomics

* Goal

* GC-MS