# Dataset

<https://www.encodeproject.org/experiments/ENCSR264MBG/>

Drosophila melanogaster Kc167 cell line

Isogenic replicates

* Definition: “Two replicates from biosamples derived from the same human donor or model organism strain. These biosamples have been treated separately (i.e. two growths, two separate knockdowns, or two different excisions).”
* 1: biosample [ENCBS204IEG](https://www.encodeproject.org/biosamples/ENCBS204IEG/) 🡪 this one first
  + Target Sin3A: [ENCSR264MBG](https://www.encodeproject.org/experiments/ENCSR264MBG/)
* 2: biosample [ENCBS796GIW](https://www.encodeproject.org/biosamples/ENCBS796GIW/)

<https://hgdownload.soe.ucsc.edu/goldenPath/dm6/bigZips/>

Drosophila melanogaster genome

dm6.fa.gz

# Read mapping

Practical info  
<https://learn.gencore.bio.nyu.edu/chipseq-analysis/chip-seq-considerations/>

#reads = 23604057

Trimmed ends with quality score lower than 20

> summary(width(sread(trimmed\_reads)))

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.00 44.00 44.00 43.67 44.00 44.00

Filtered out reads shorter than 40

#filtered reads = 23074975