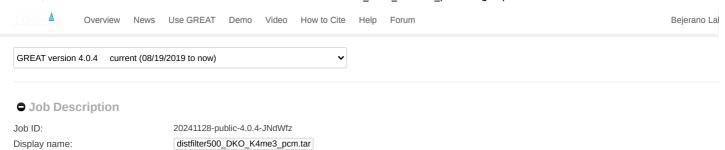
Test set:



Background: Whole genome background

Assembly: Mouse: NCBI build 38 (UCSC mm10, Dec. 2011) What gene set does GREAT use?

Show in UCSC genome browser.

Associated genomic regions: Basal+extension (constitutive 5.0 kb upstream and 1.0 kb downstream, up to 1000.0 kb max extension). Curated regulatory domains are included the constitutive 5.0 kb upstream and 1.0 kb downstream, up to 1000.0 kb max extension).

How do I look at my regions in the genome?

0 of all 48 genomic regions (0%) are not associated with any genes.

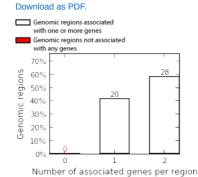
distfilter500_DKO_K4me3_pcm.target.peaks.bed (48 genomic regions)

View all genomic region-gene associations. Which genes are my regions associated with? Revise the region-gene association rule. How are my regions associated with genes?

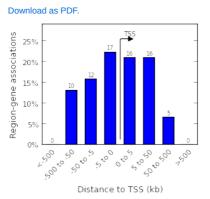
• Region-Gene Association Graphs

What do these graphs illustrate?

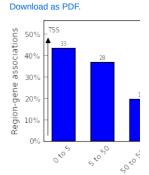
Number of associated genes per region



Binned by orientation and distance to TSS



Binned by absolute distance to



Absolute distance t

● Global Controls Global Export

Which data is exported by each option?

- Ensembl Genes (no terms)
- GO Biological Process (no terms)
- GO Cellular Component (no terms)
- GO Molecular Function (no terms)
- Human Phenotype (no terms)
- Mouse Phenotype Single KO (no terms)
- Mouse Phenotype (no terms)

STANFORD SCHOOL OF MEDICINE

Bejerano Lab



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