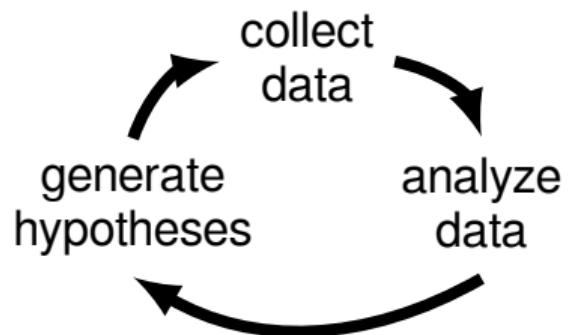
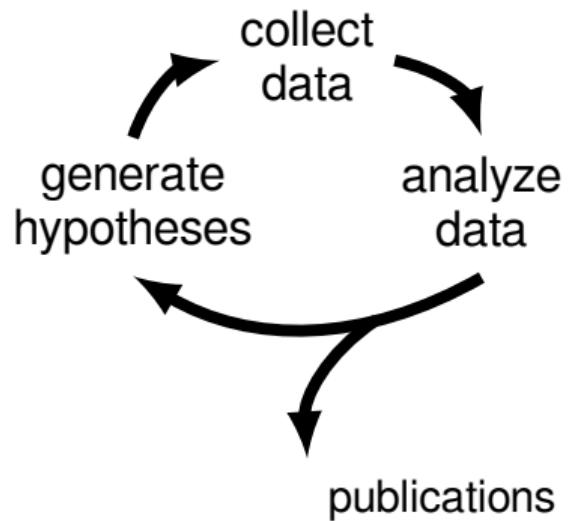


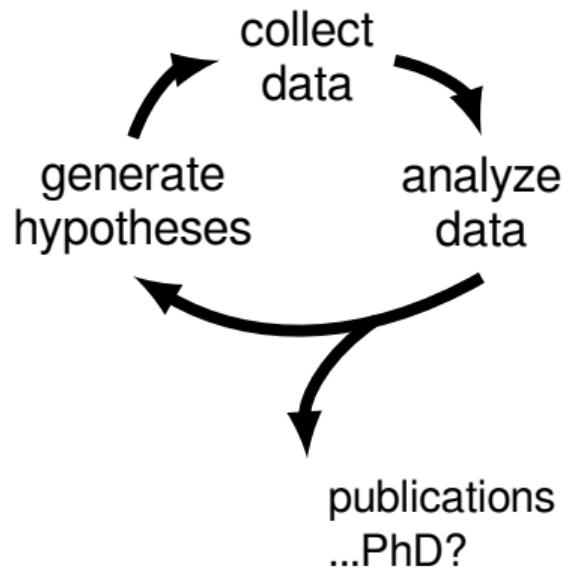
Genomic analyses of transcription elongation factors and intragenic transcription

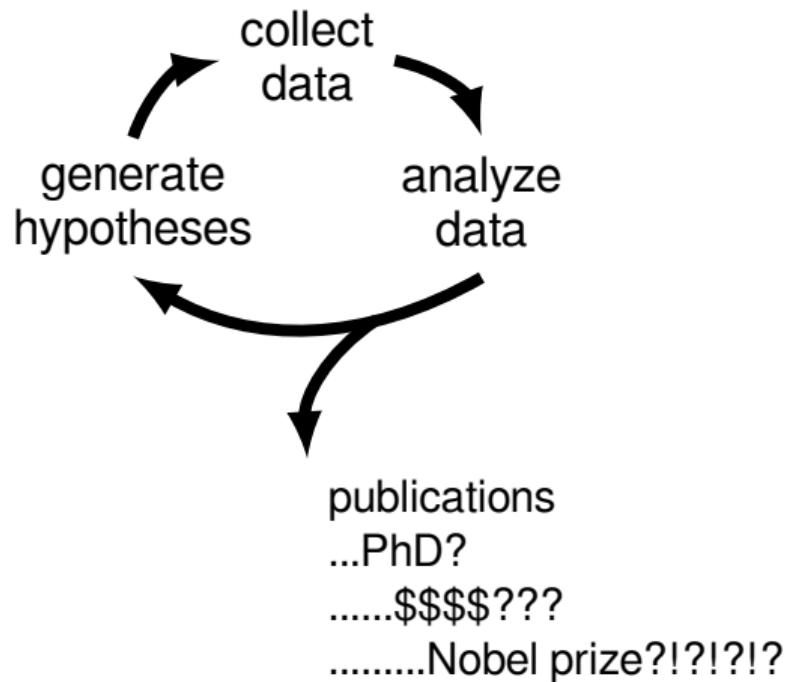
James Chuang

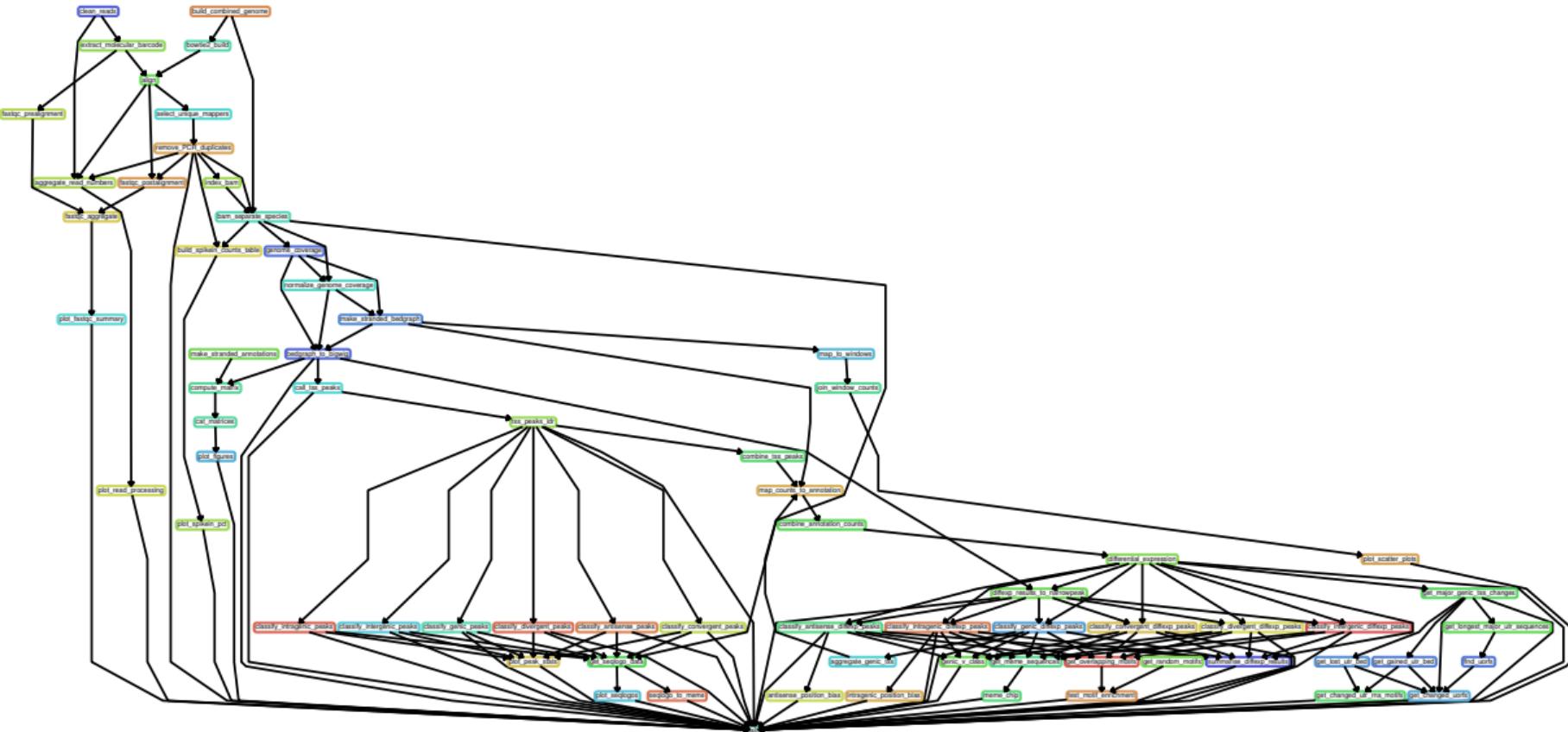
June 19, 2019

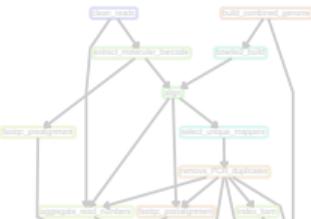






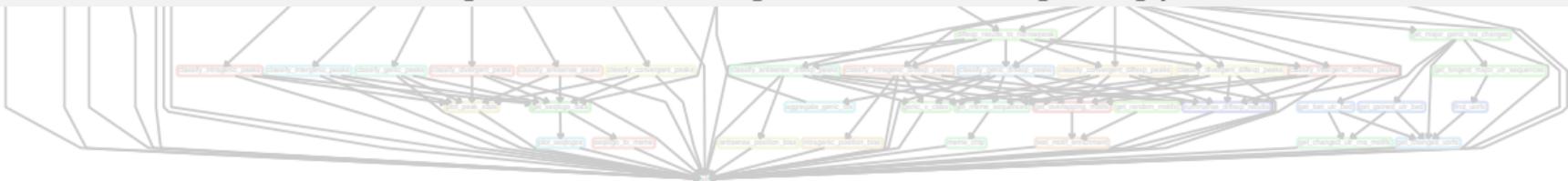






an example Snakemake rule:

```
rule foobar:
    input: "input.txt"
    output: "output.txt"
    params: species="cerevisiae"
    conda: "environment.yaml"
    script: "turn_input_into_output.py"
```





September 7, 2018

Journal article

Open Access

Spt6 is required for the fidelity of promoter selection

Doris, Stephen M.; Chuang, James; Viktorovskaya, Olga; Murawska, Magdalena; Spatt, Dan; Churchman, L. Stirling; Winston, Fred

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Data collector(s)

Spatt, Dan

Data manager(s)

Chuang, James

Other(s)

Churchman, L. Stirling

Researcher(s)

Doris, Stephen M.; Viktorovskaya, Olga; Murawska, Magdalena

All data analyses supporting our publication "Spt6 is required for the fidelity of promoter selection". Reproduce the figures of the paper starting from raw data, as well as thousands of figures and analyses that aren't shown.

See README.md for instructions.

For updated versions of the pipelines used, see our [github page](#).

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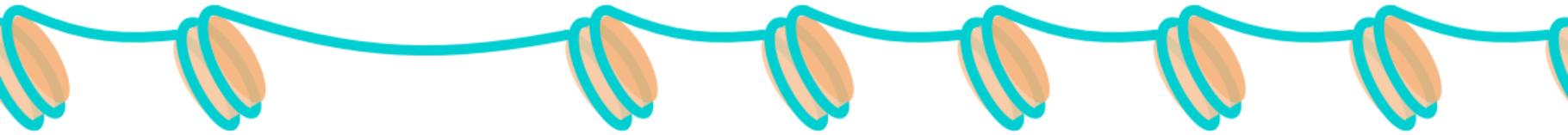
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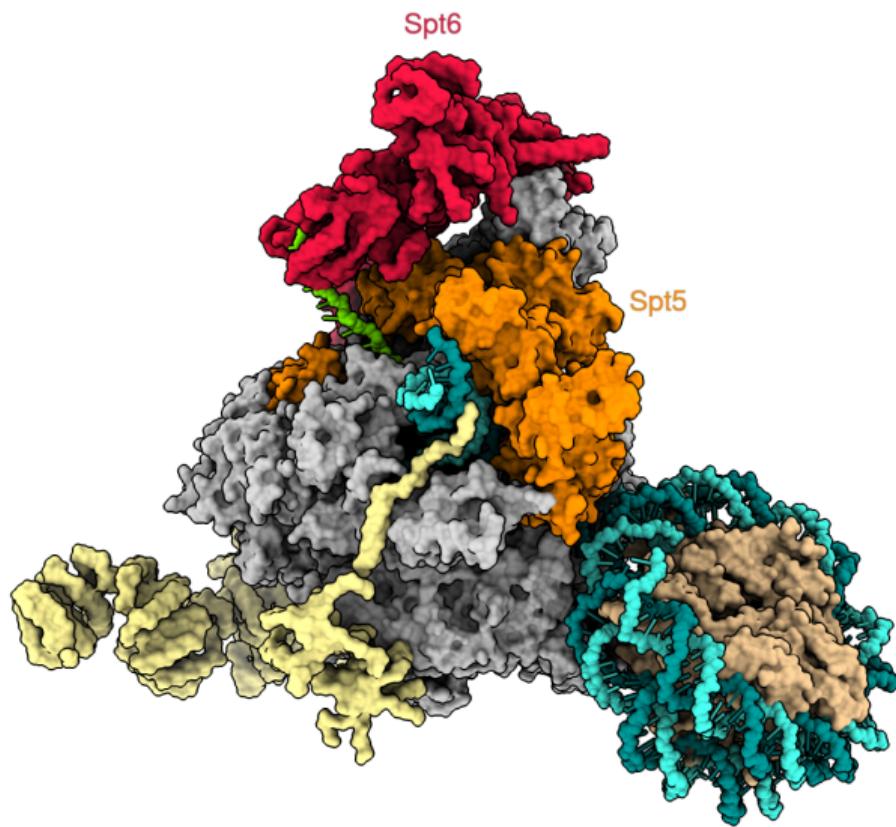
Spt6 transcription chromatin genomics
intragenic transcription TSS-seq ChIP-nexus NET-seq
MNase-seq

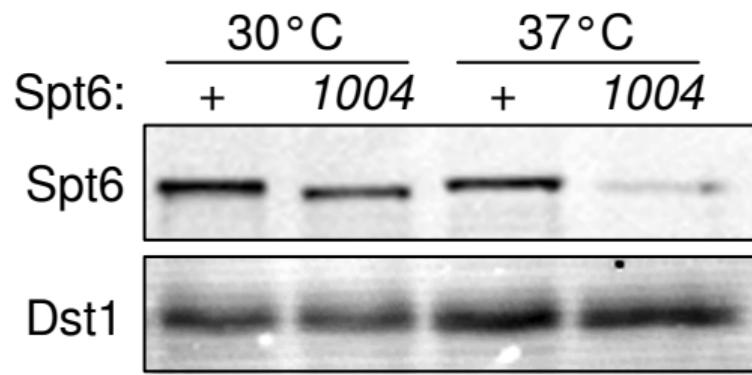
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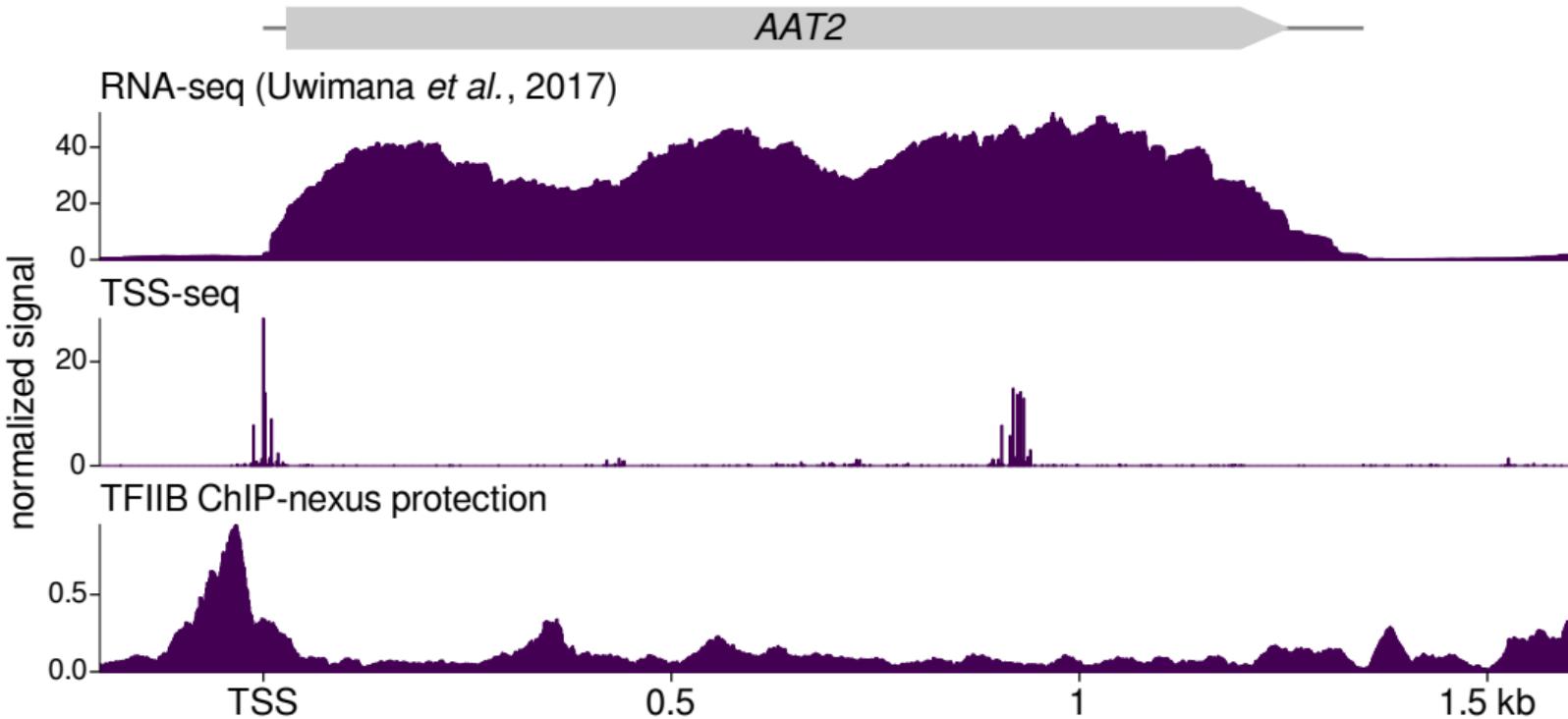


transcription



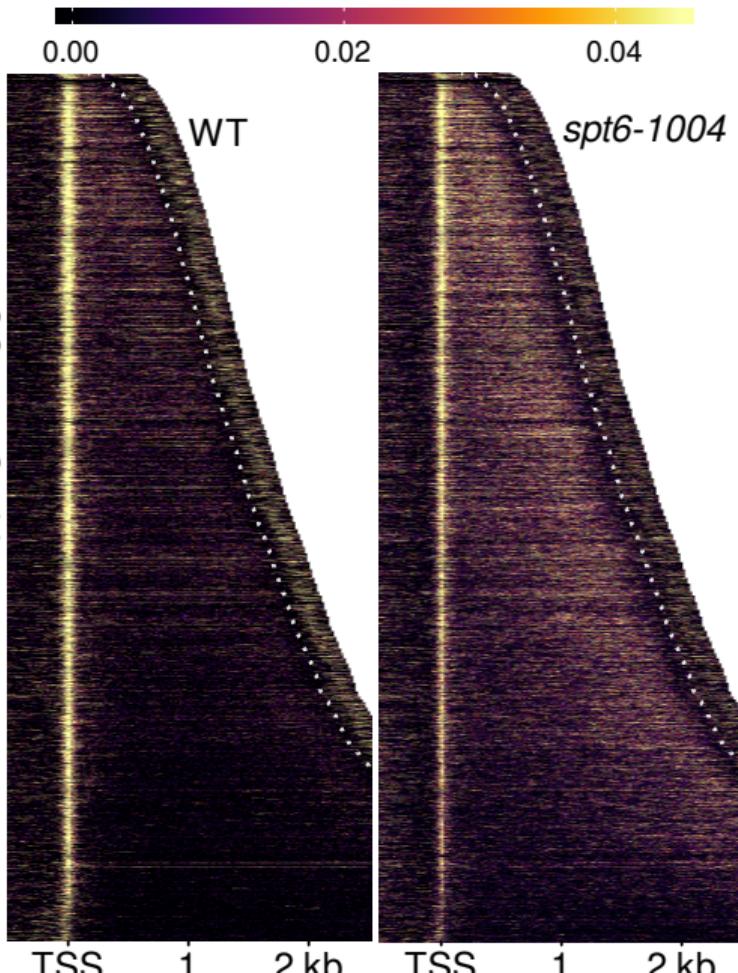




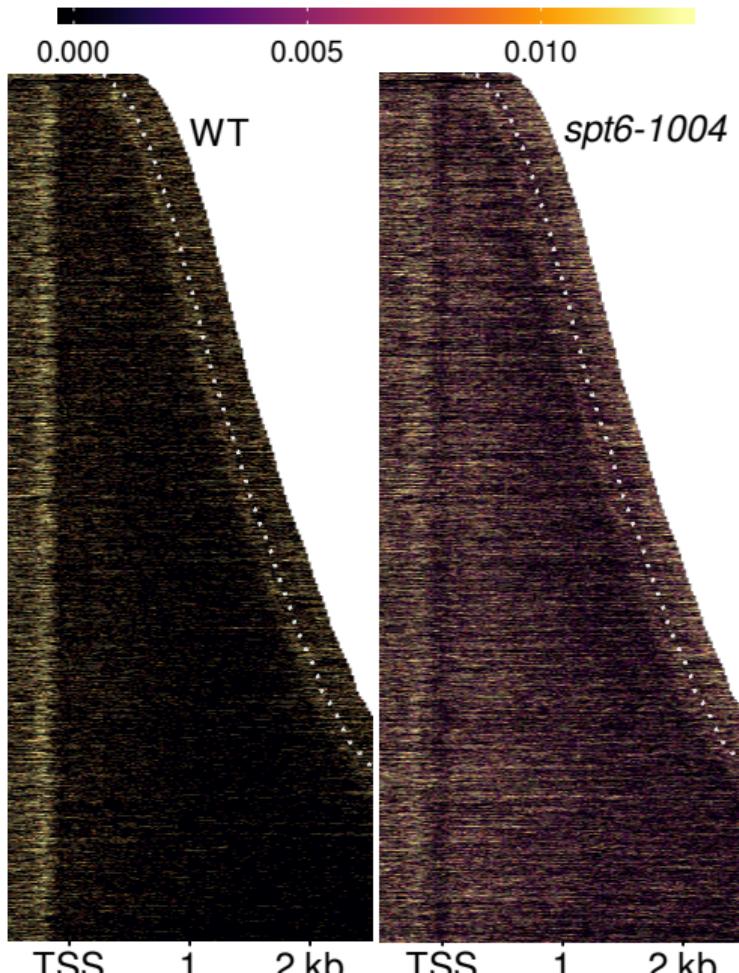


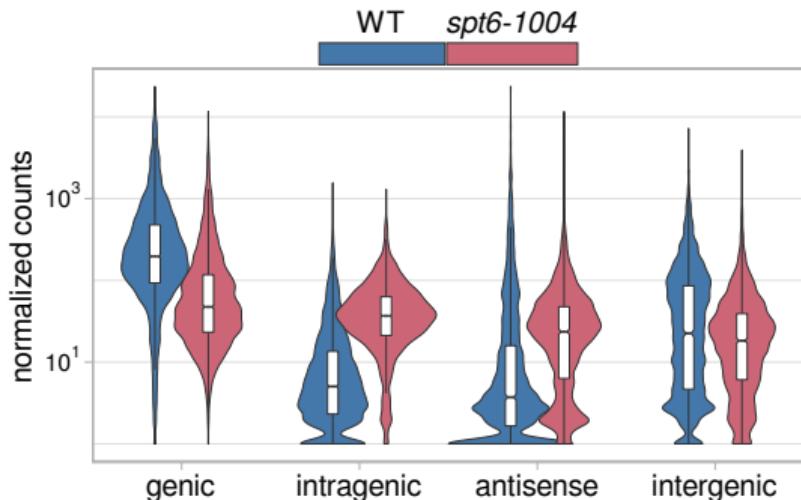
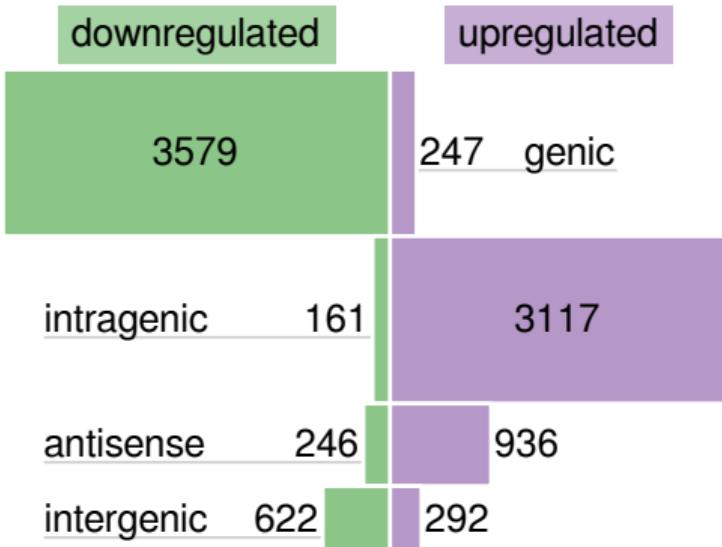
3522 nonoverlapping coding genes

sense TSS-seq signal

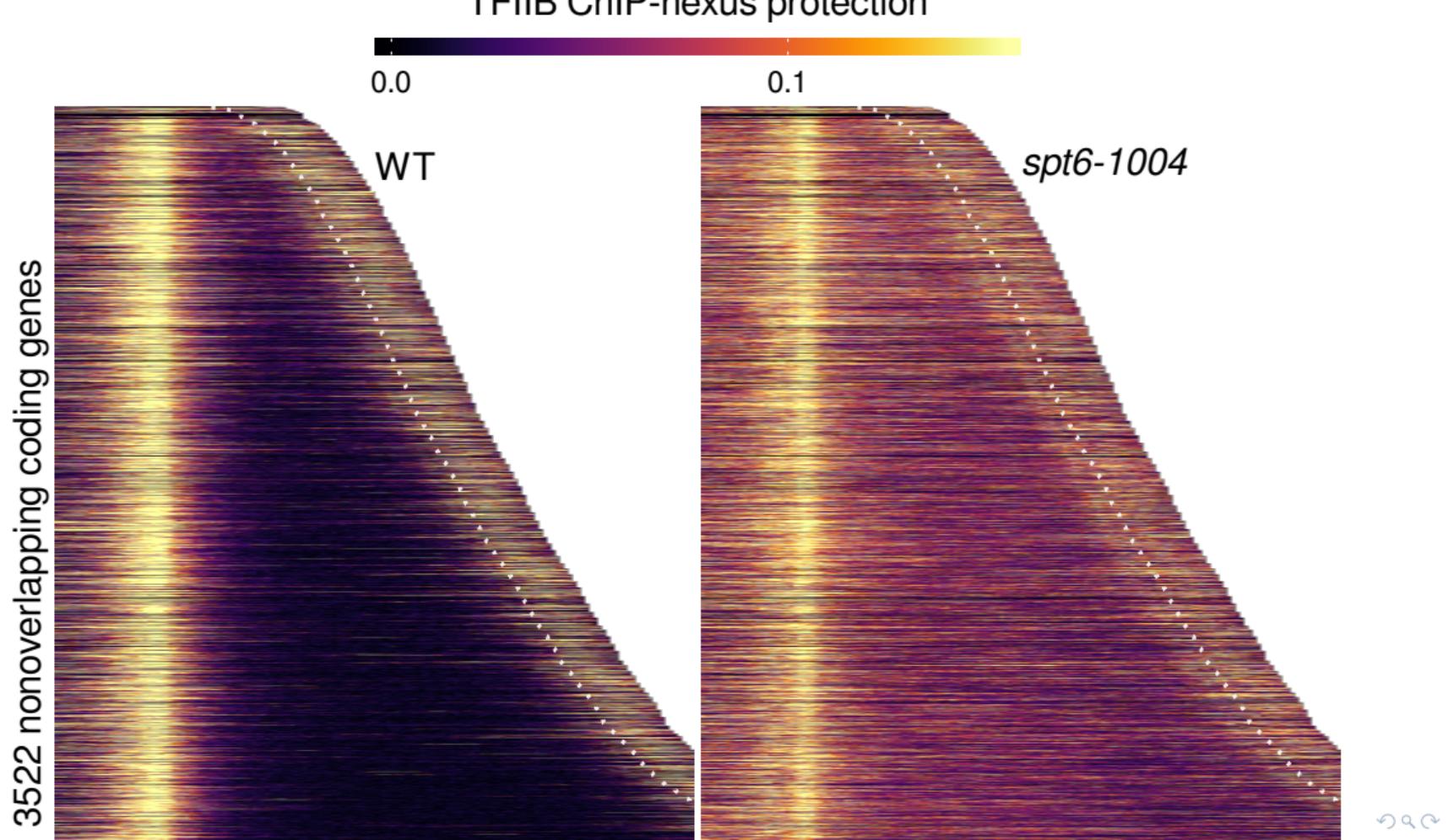


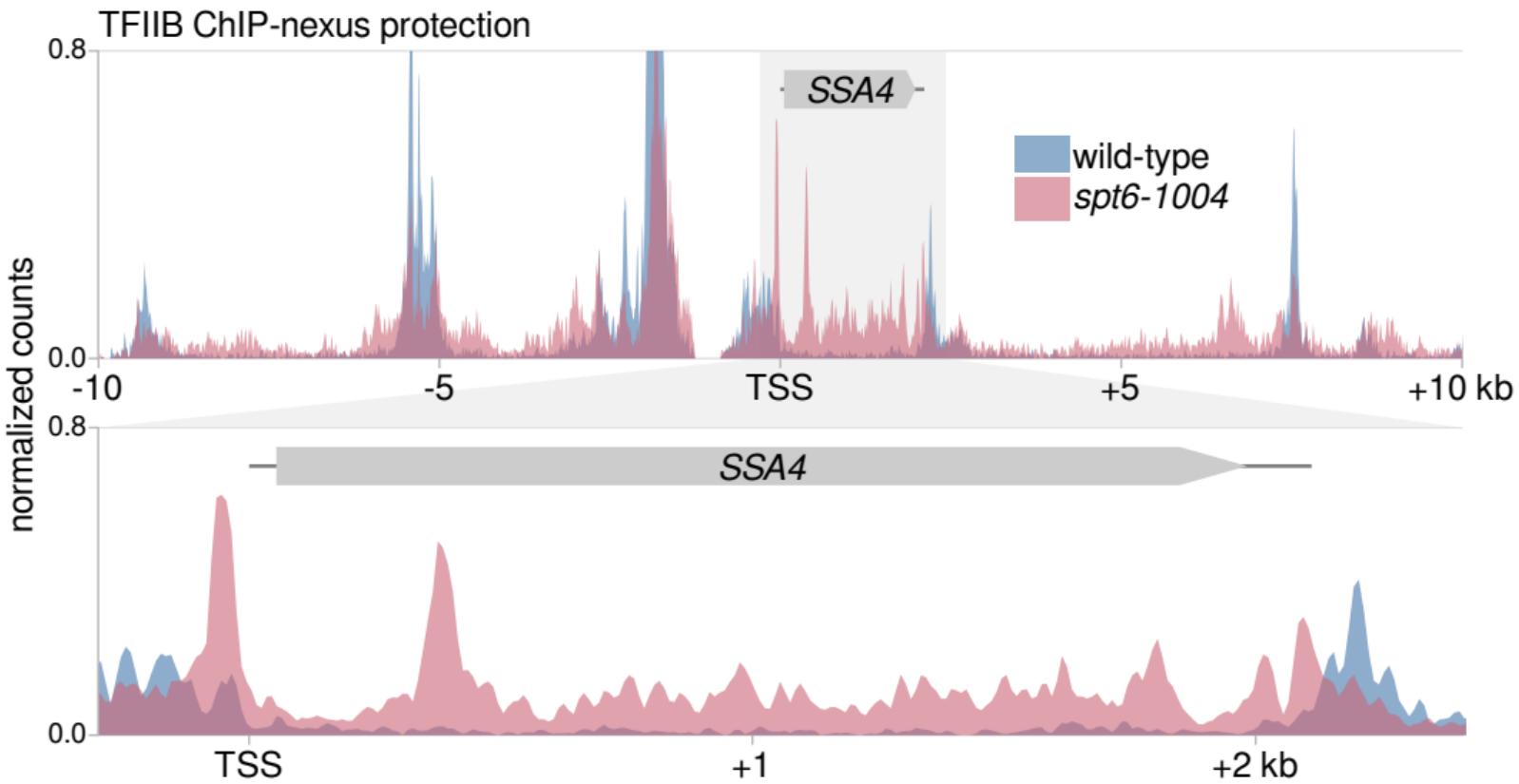
antisense TSS-seq signal

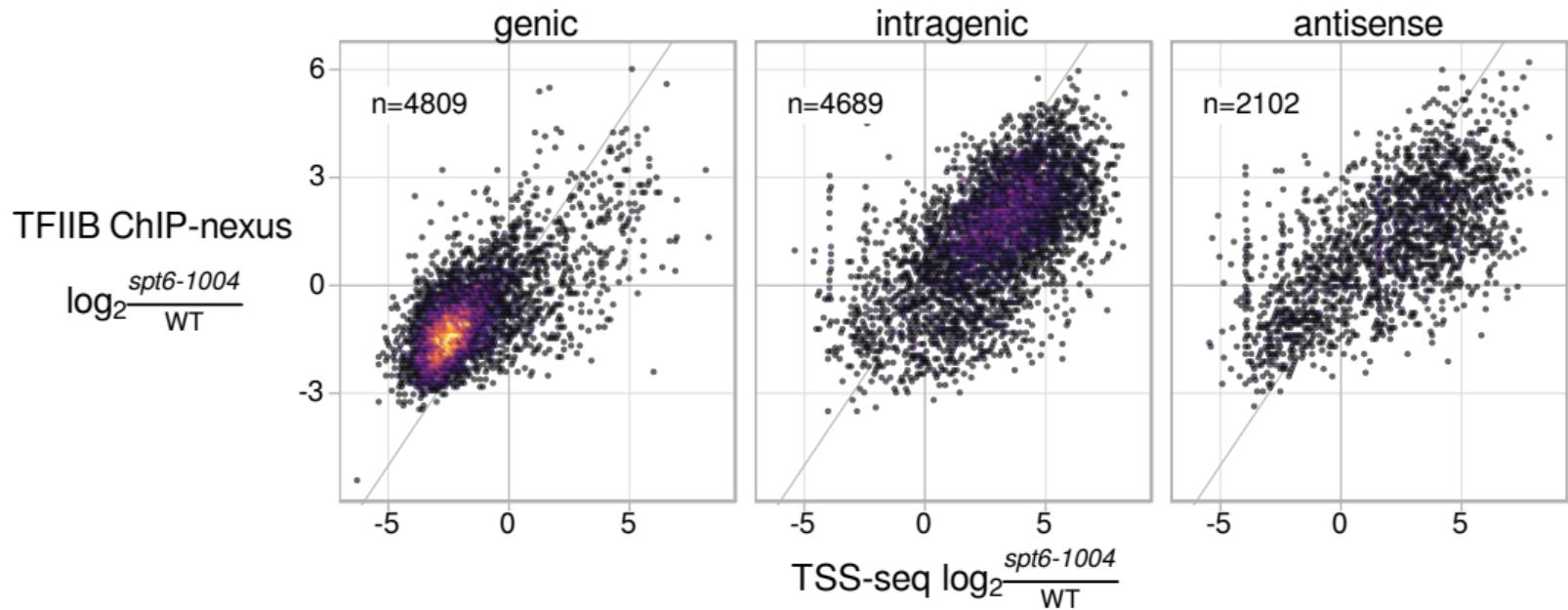




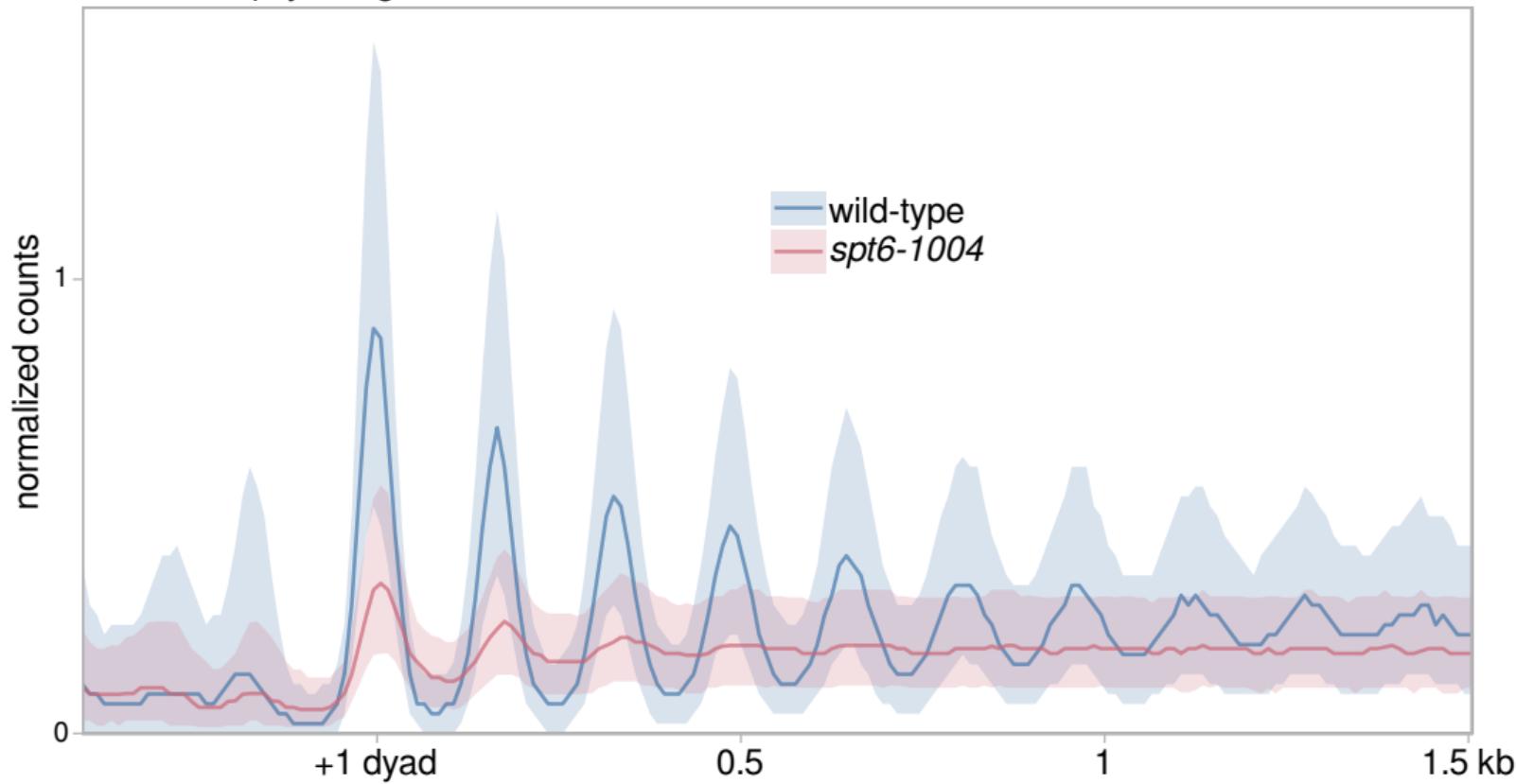
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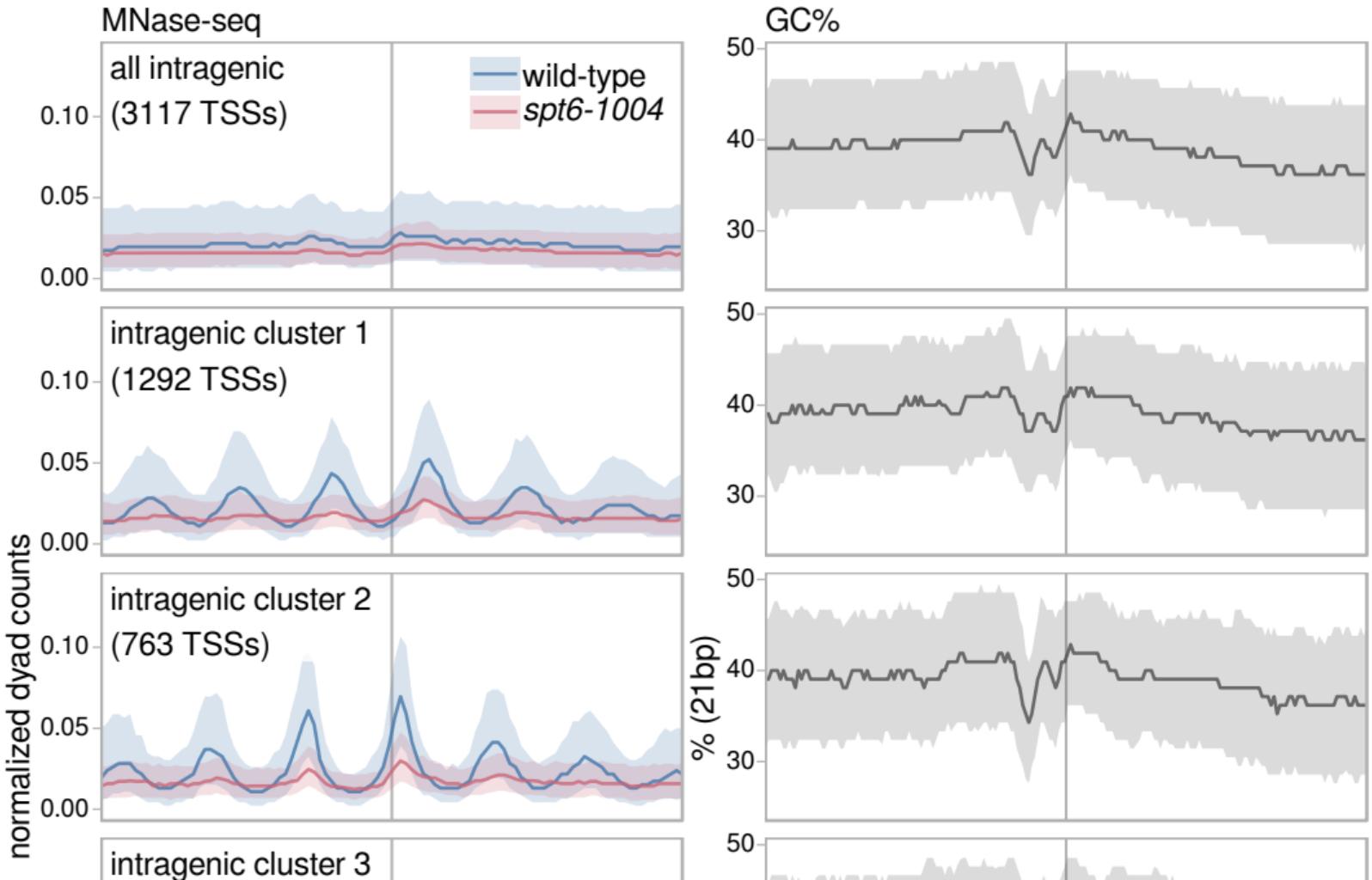




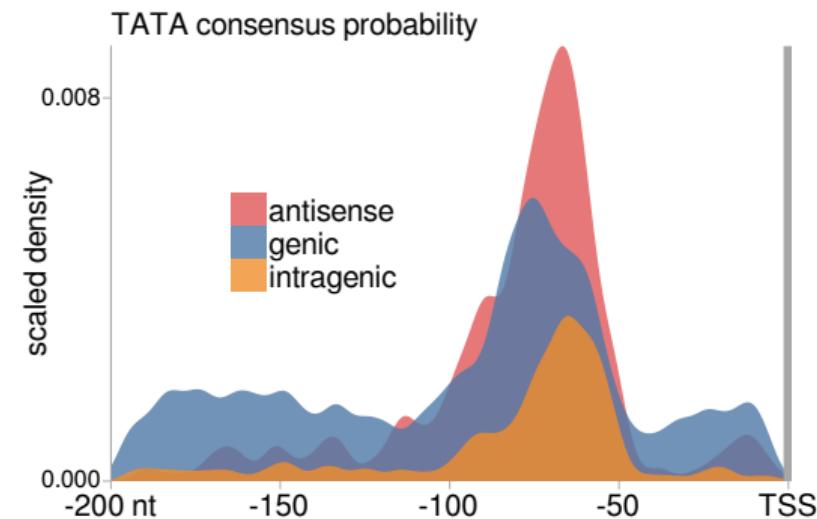
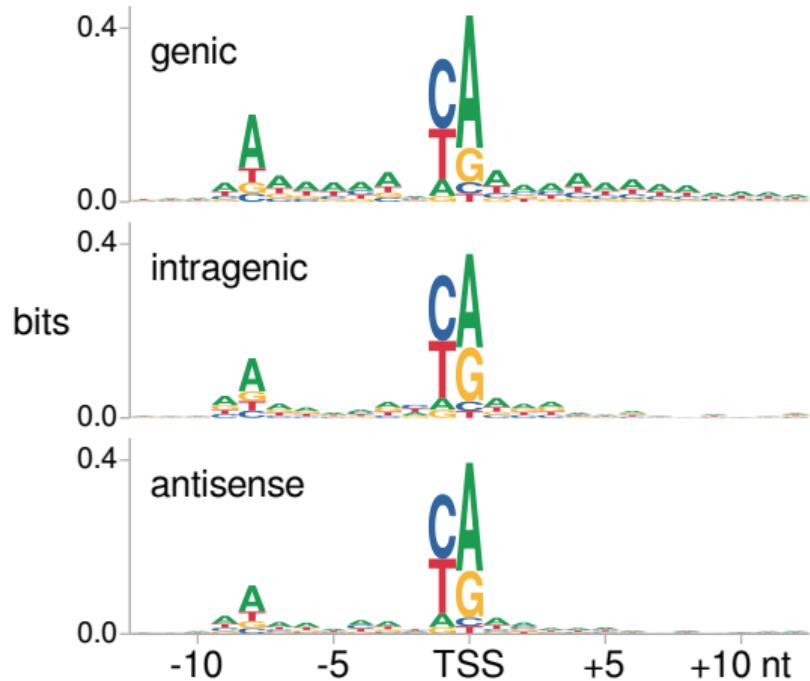


MNase-seq dyad signal

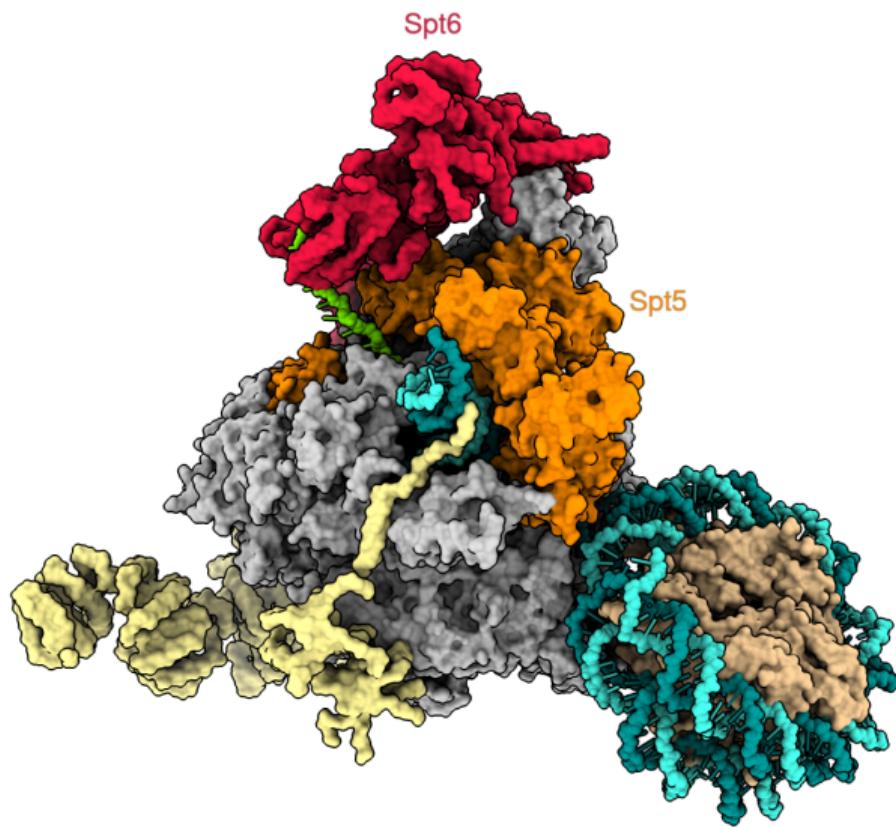


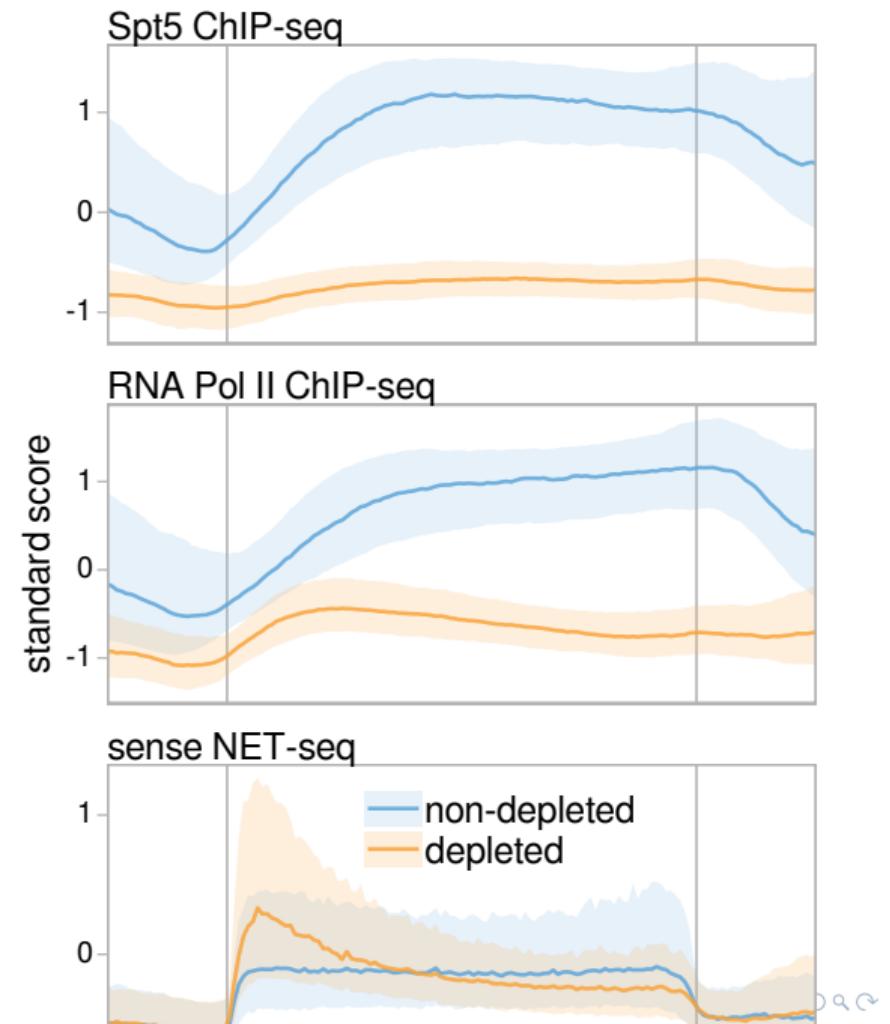
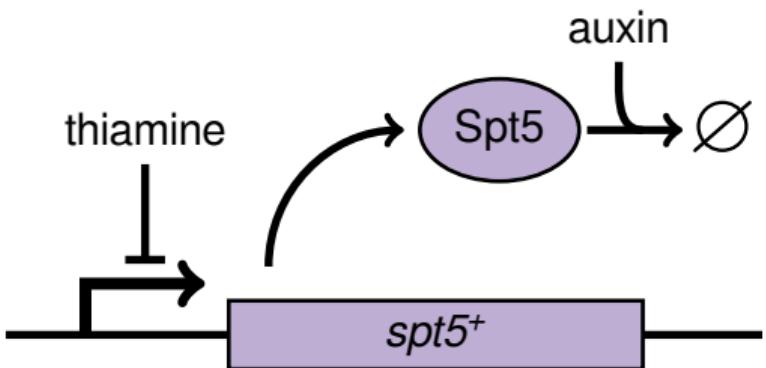


TSSs in *spt6-1004*

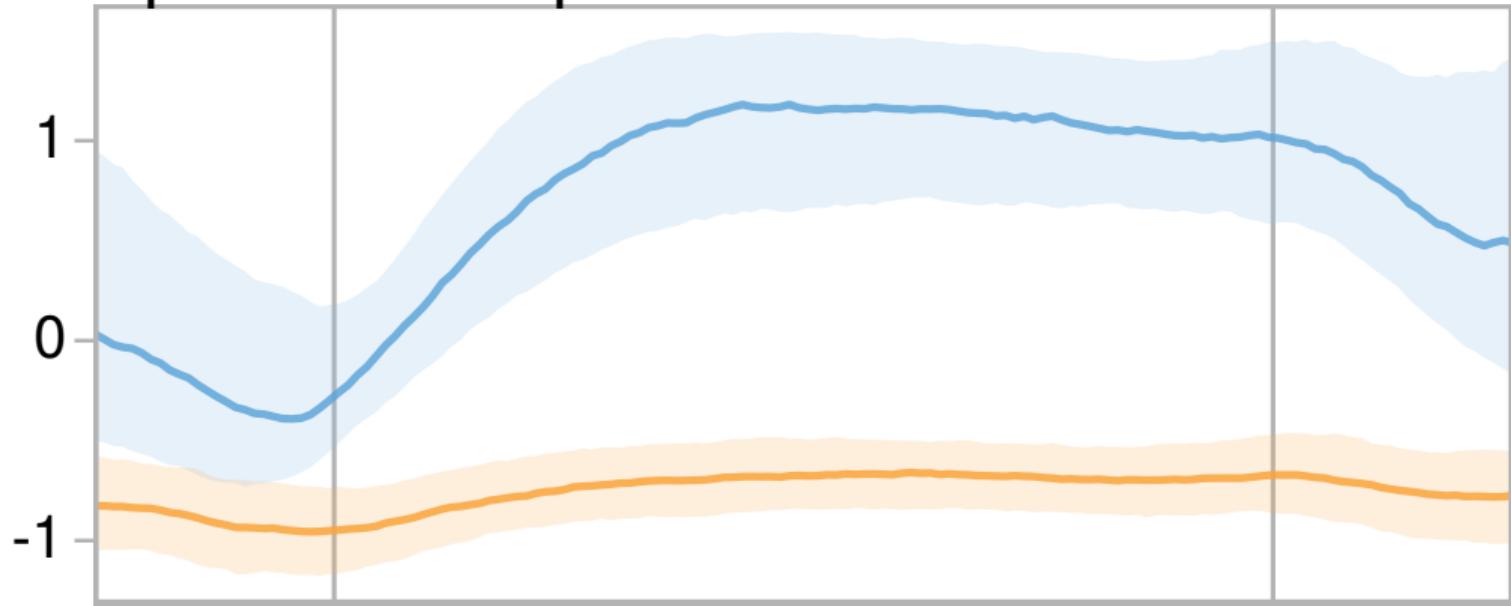


Spt6 summary and model



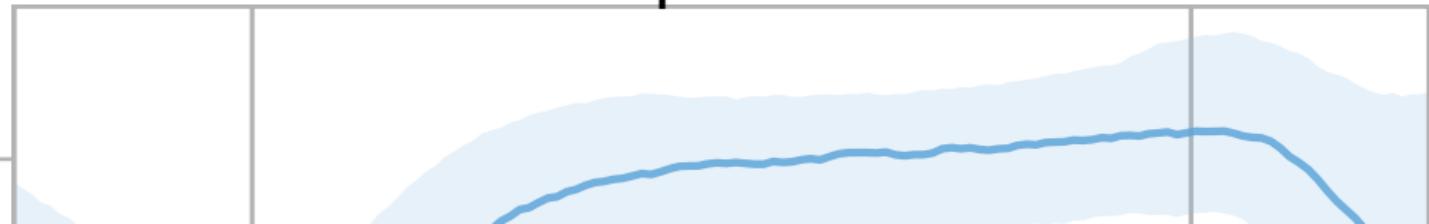


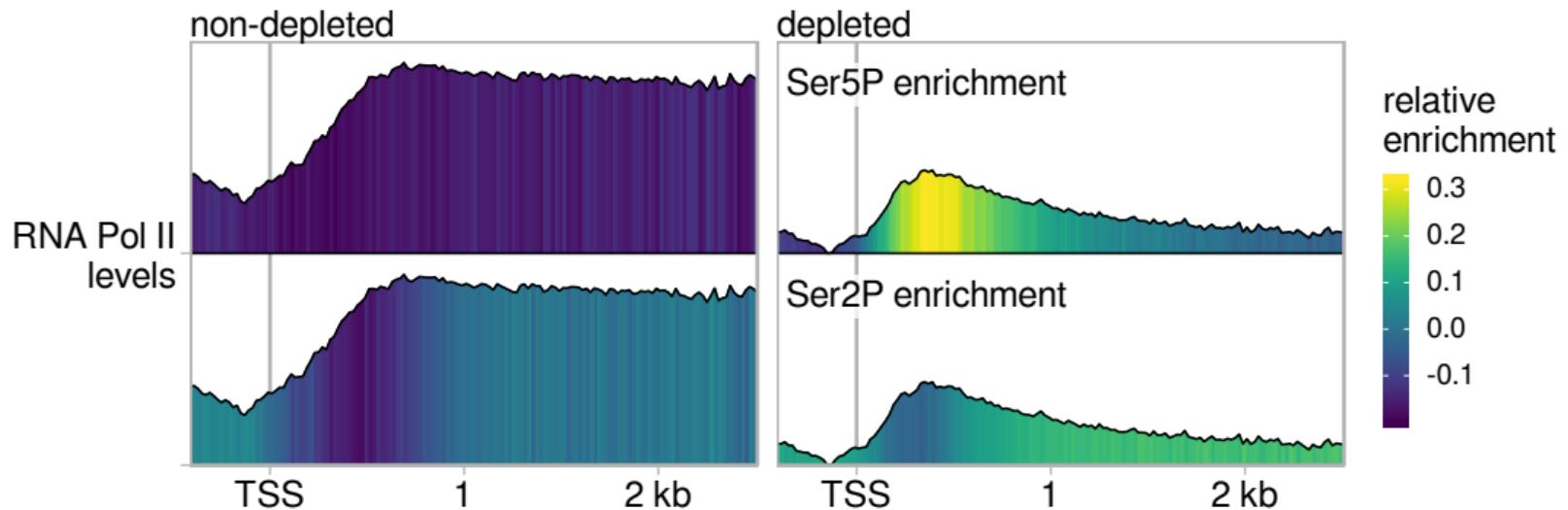
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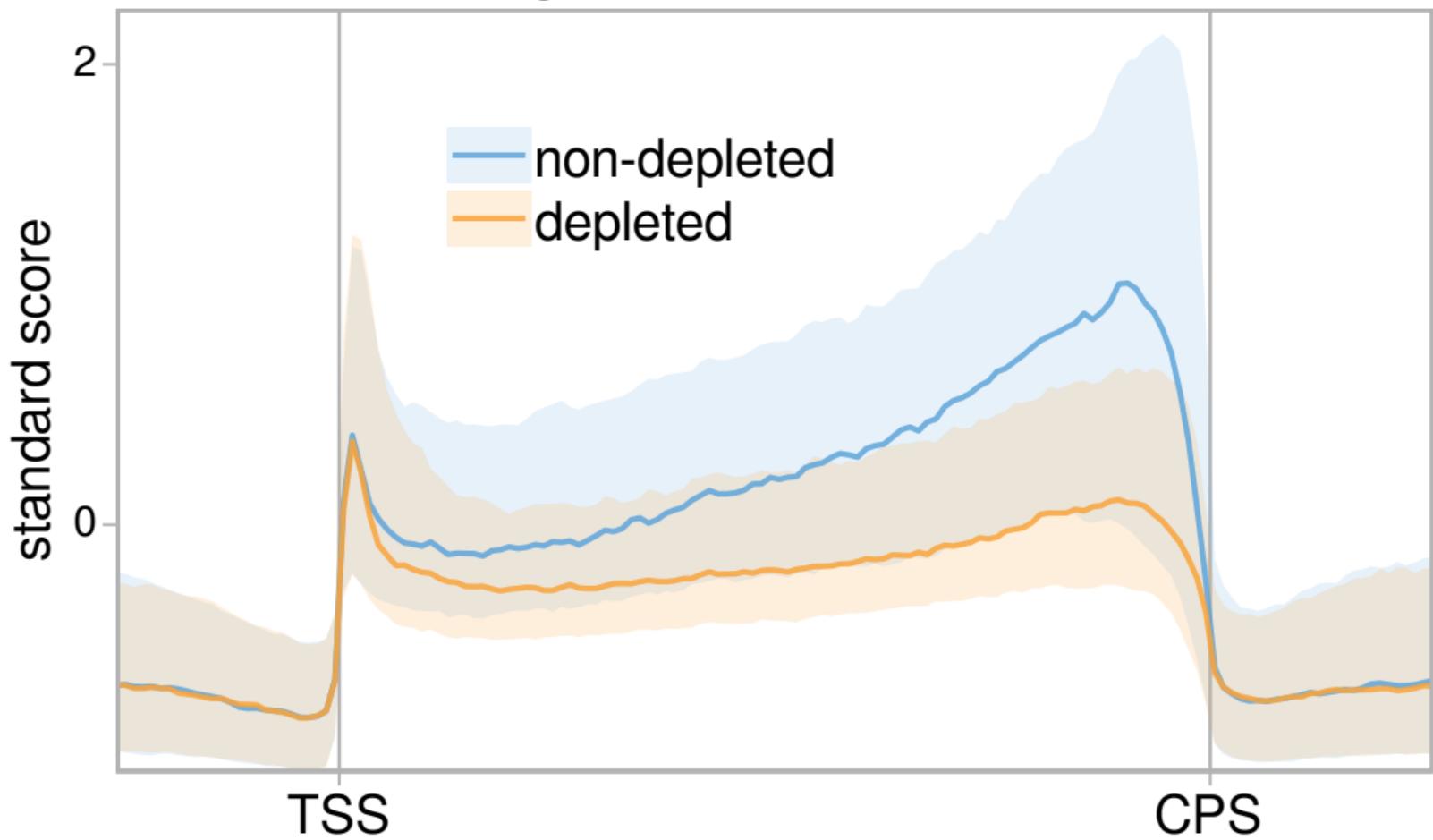
RNA Pol II ChIP-seq

Score

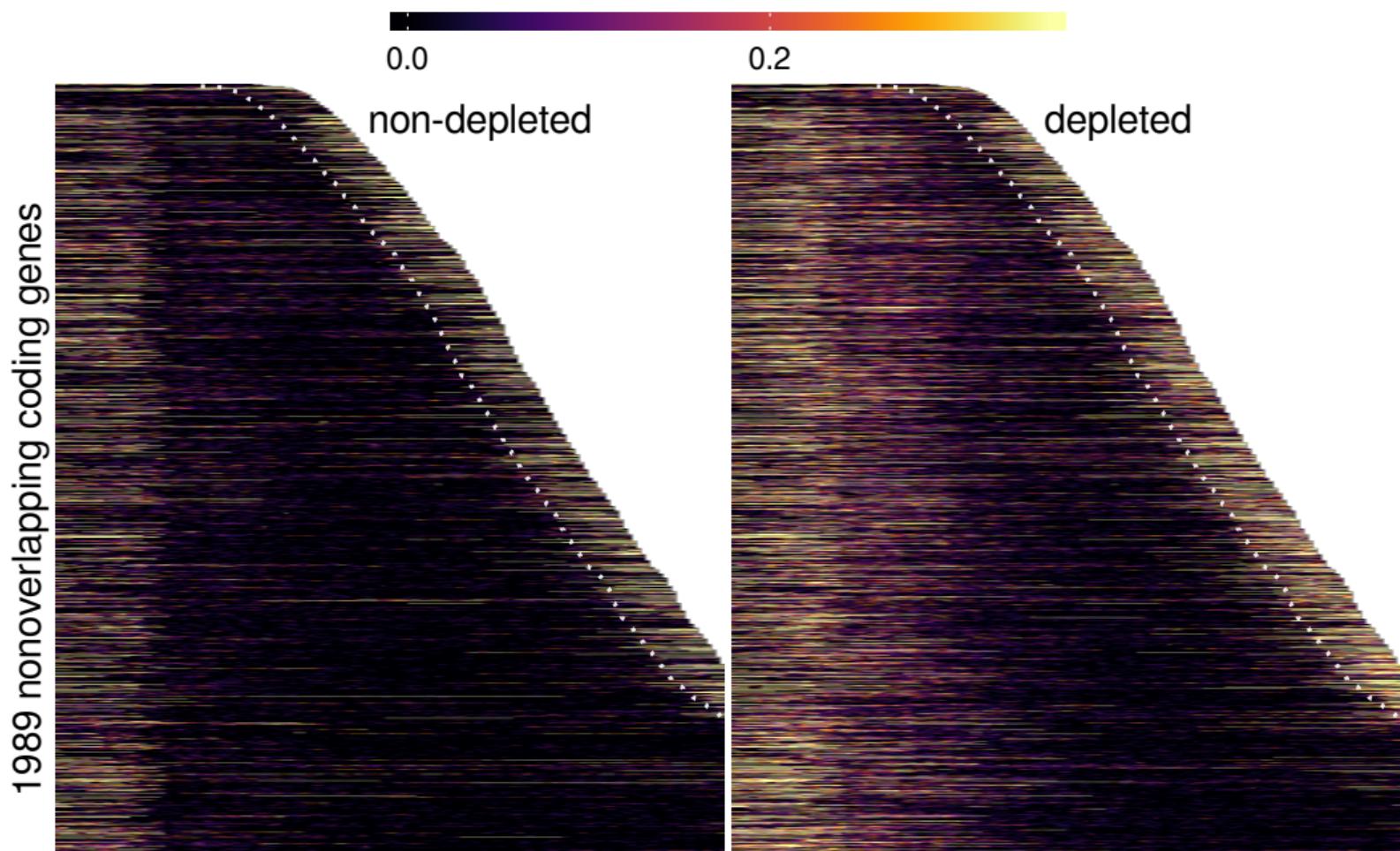


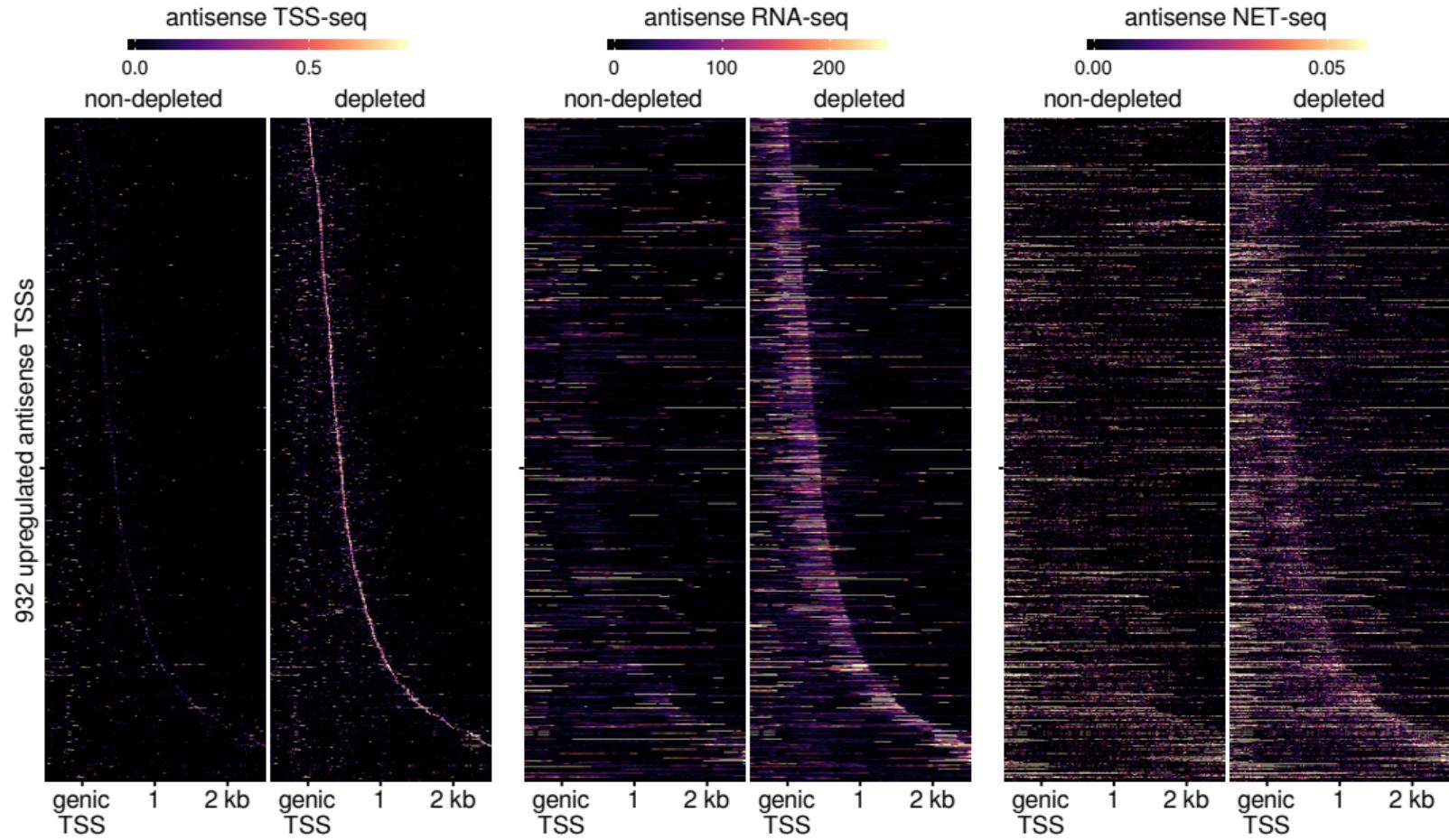


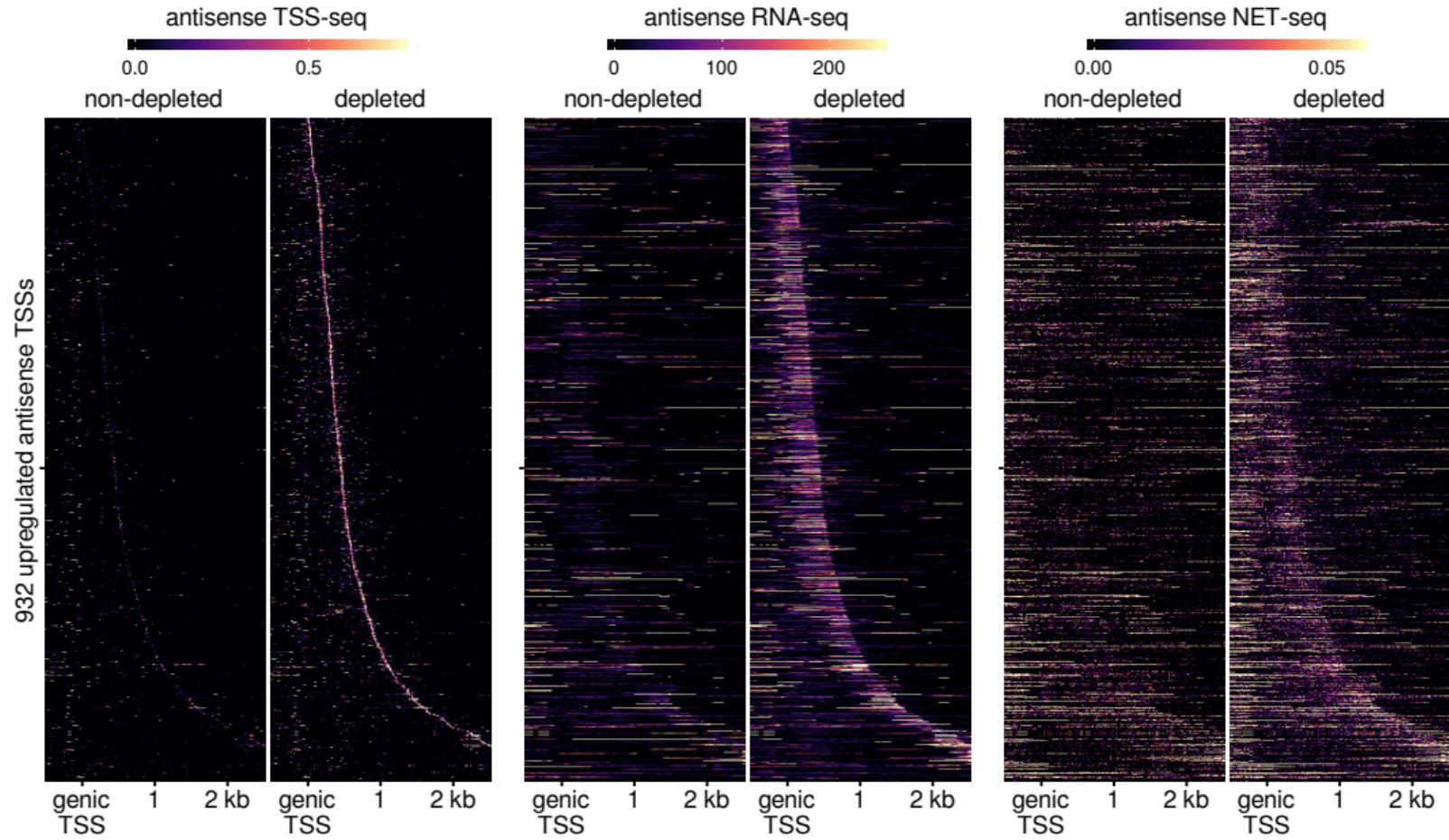
sense RNA-seq signal

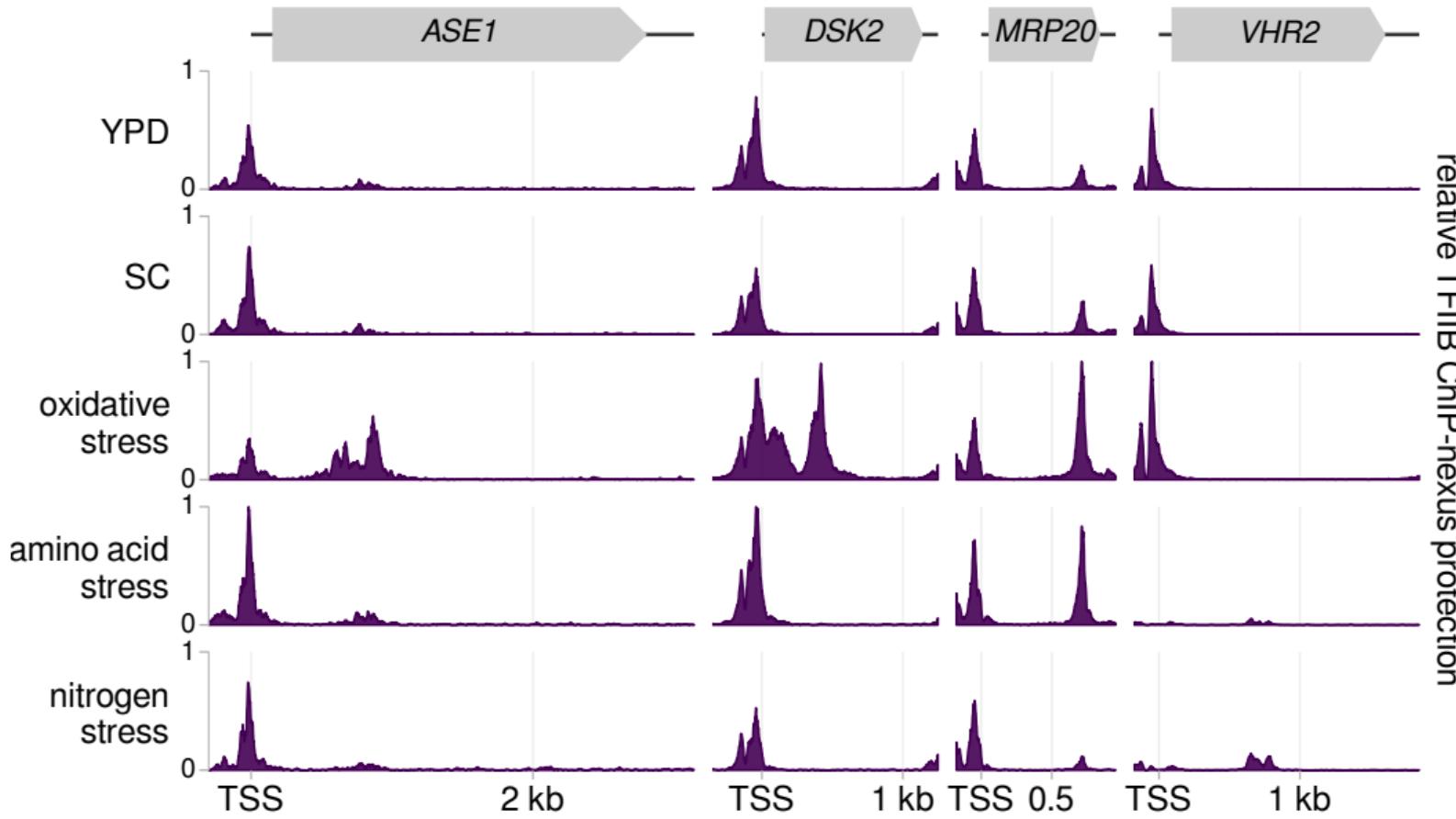


antisense RNA-seq signal

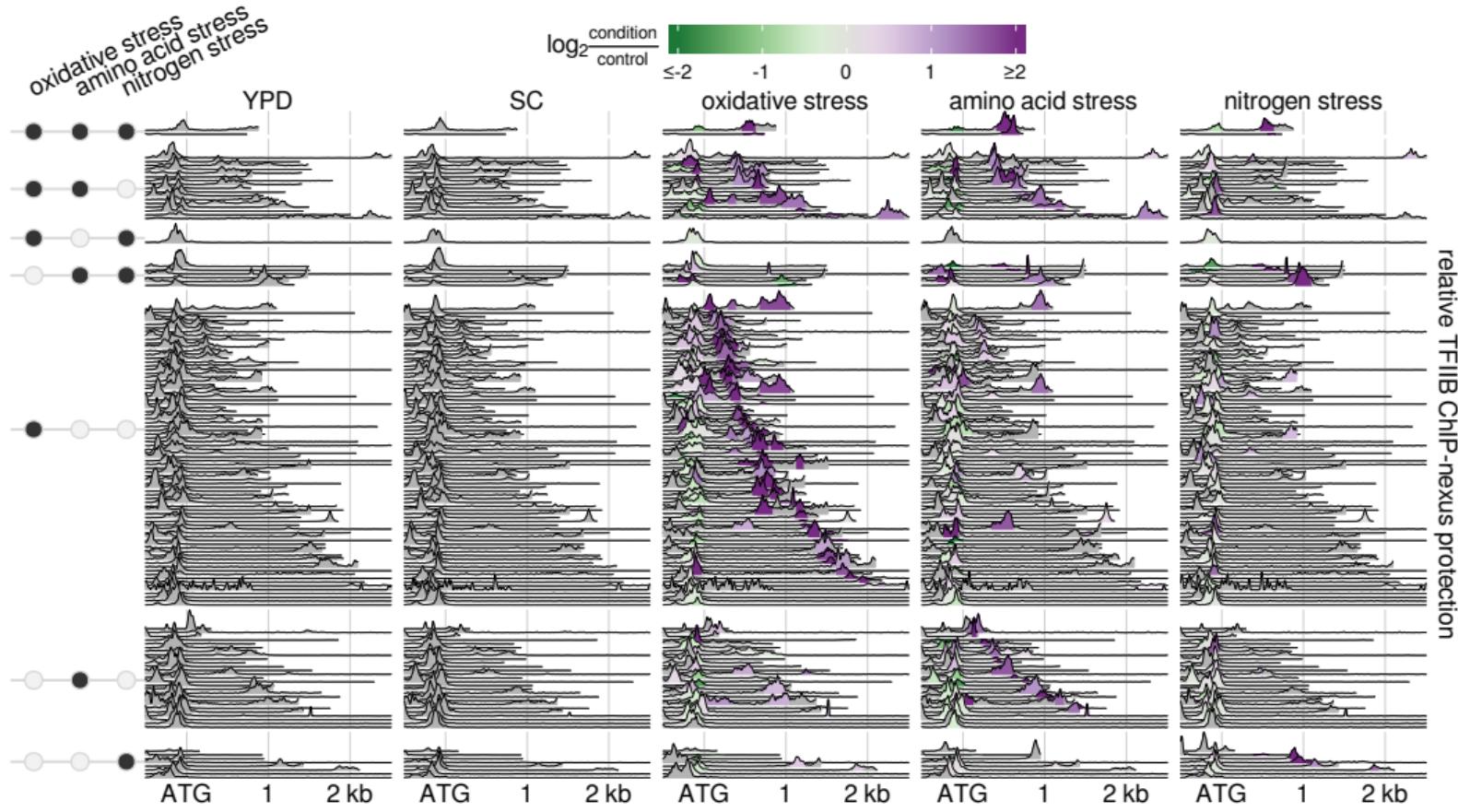




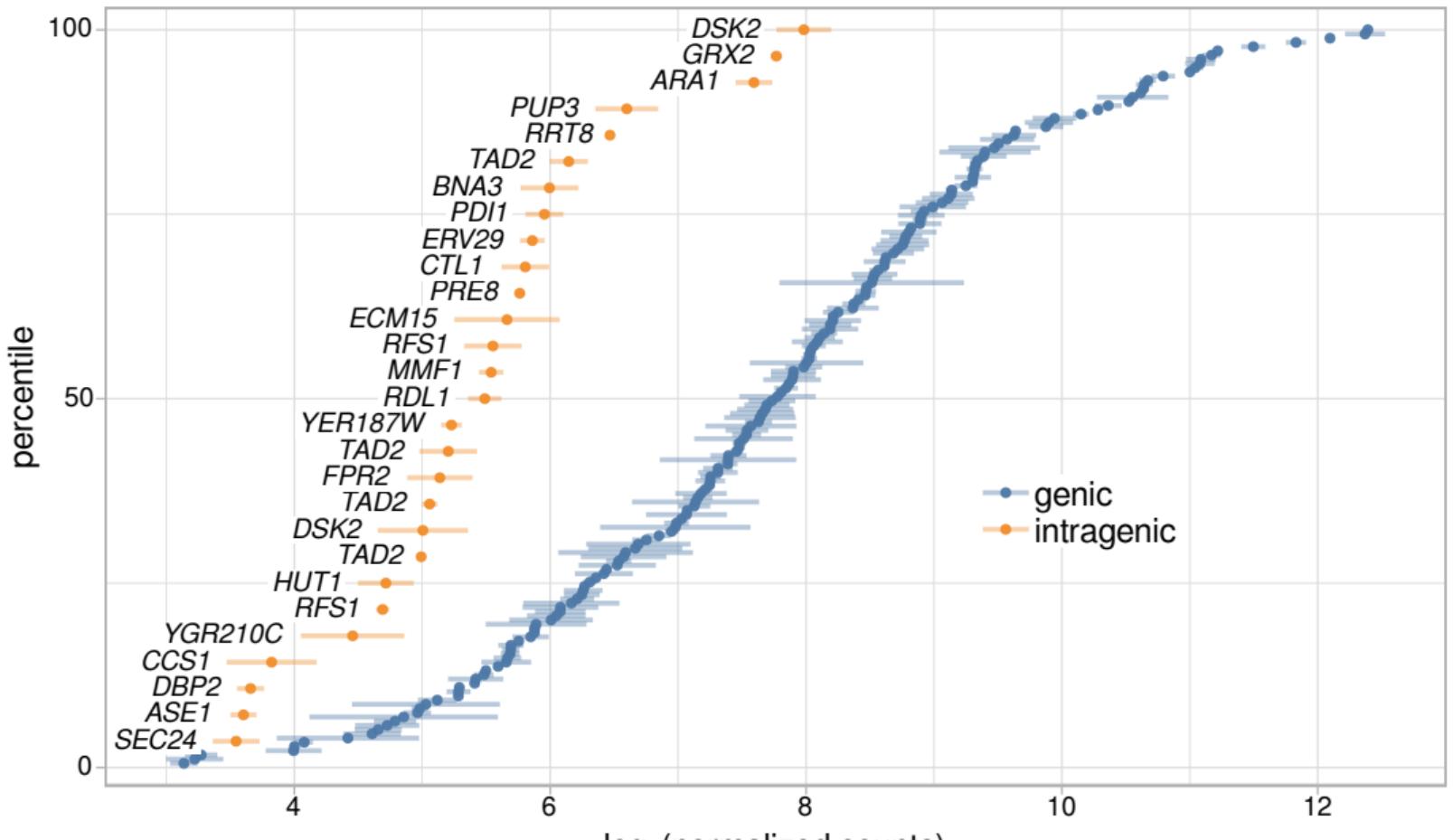




induced in:



TSS expression levels in oxidative stress oxidative stress-induced promoters



polysome enrichment in oxidative stress

oxidative stress-induced TSSs

