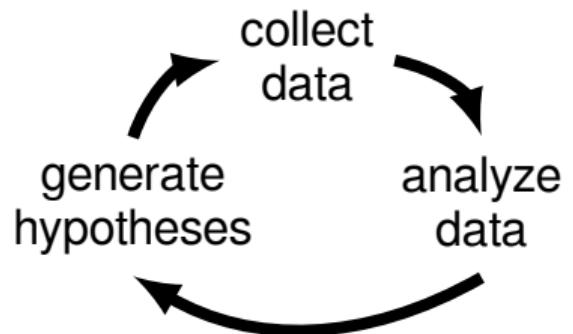
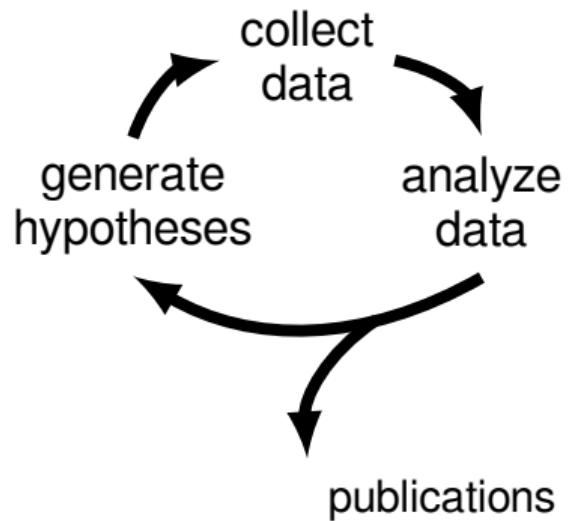


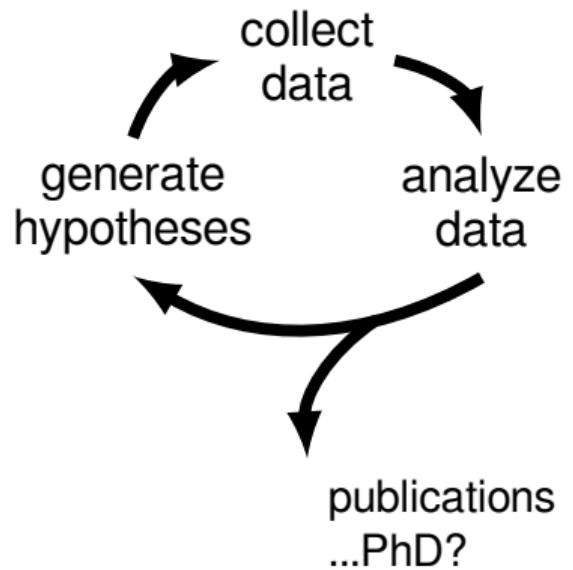
Genomic analyses of transcription elongation factors and intragenic transcription

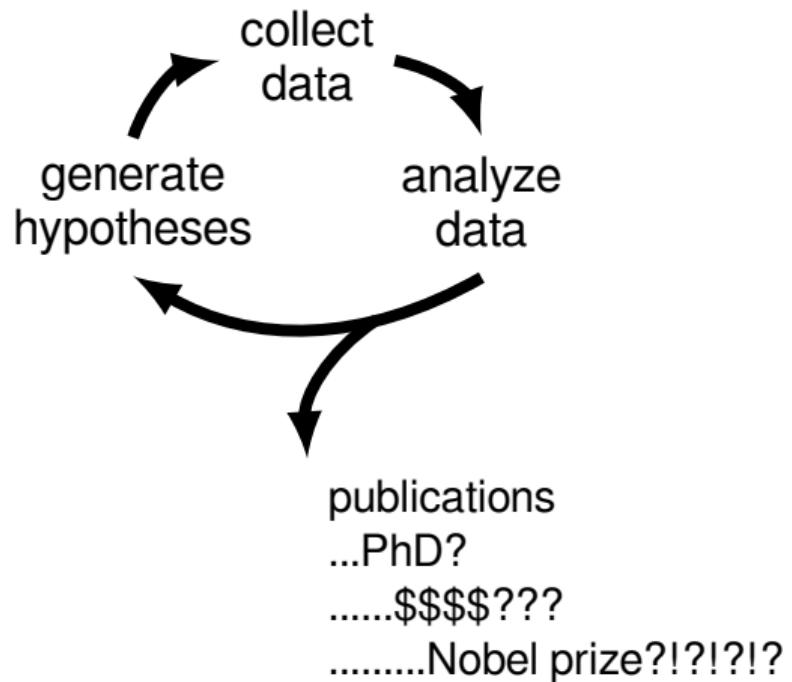
James Chuang

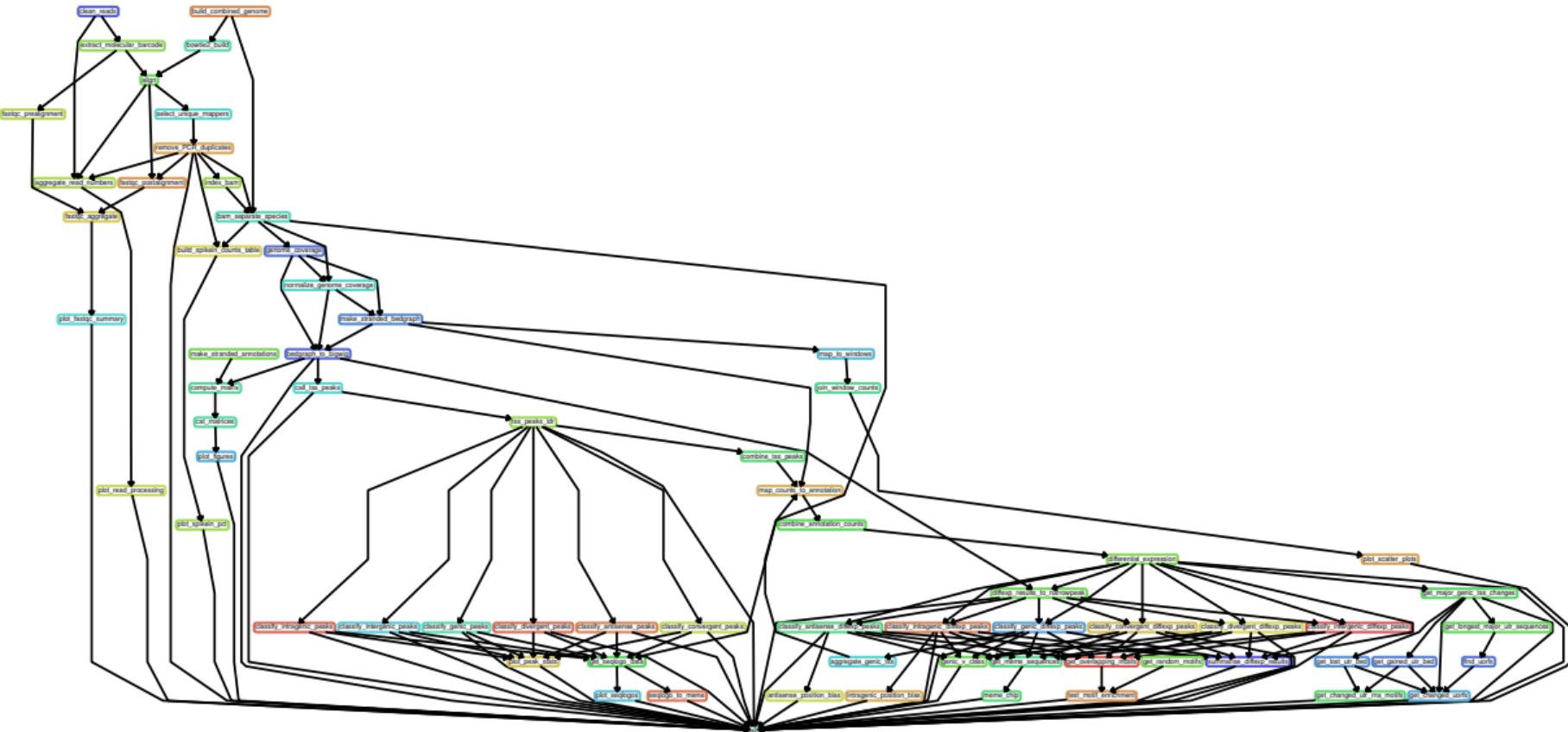
June 19, 2019

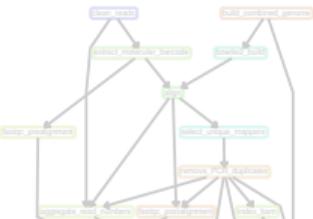








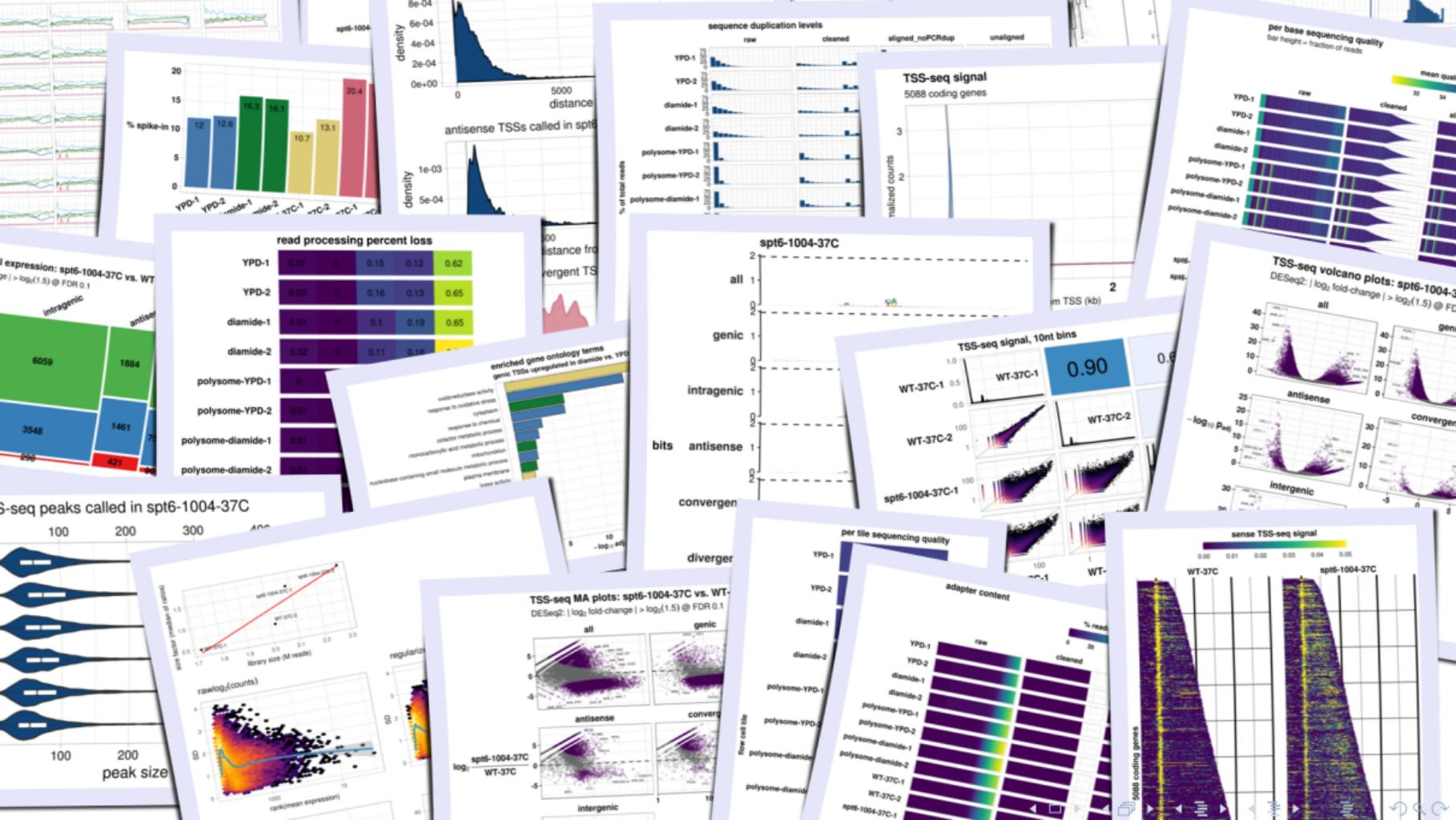




an example Snakemake rule:

```
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

Contact person(s)

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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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Keyword(s):

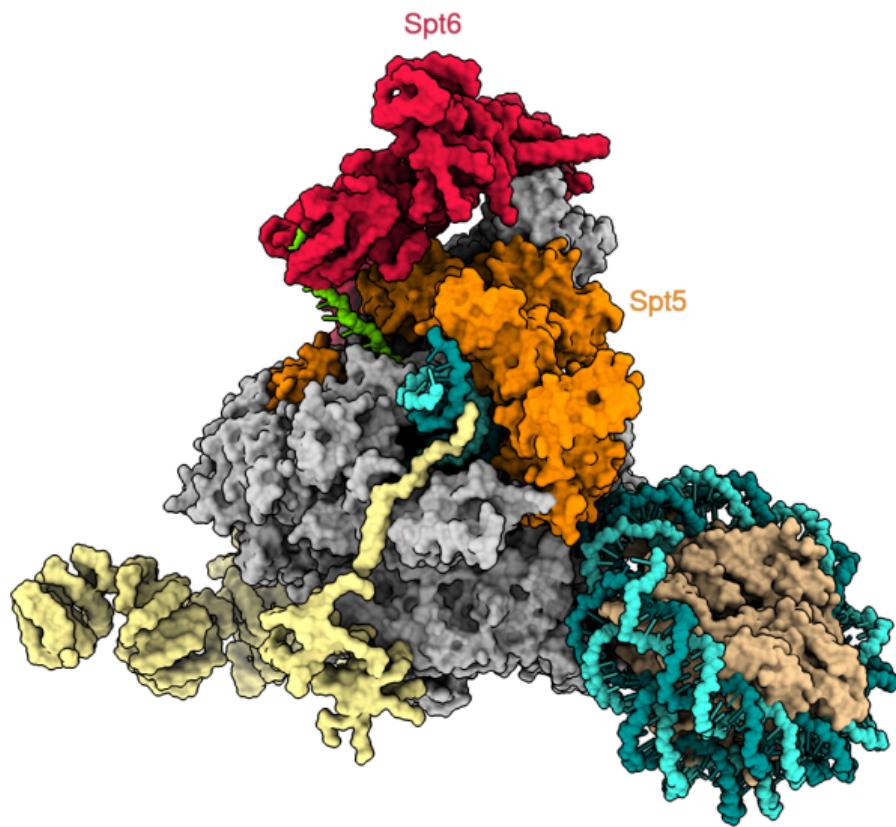
Spt6 transcription chromatin genomics
intragenic transcription TSS-seq ChIP-nexus NET-seq
MNase-seq

Published in:

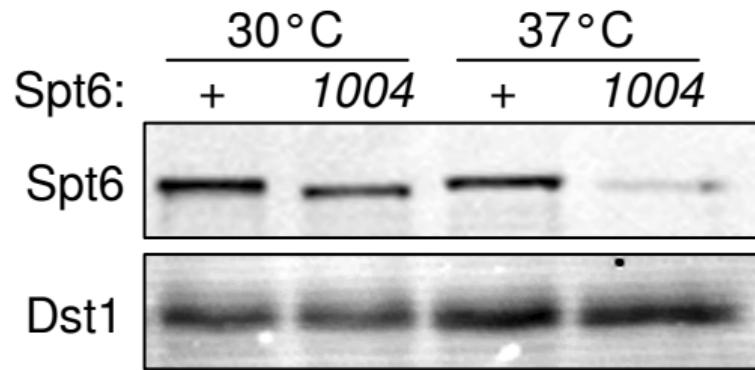


transcription

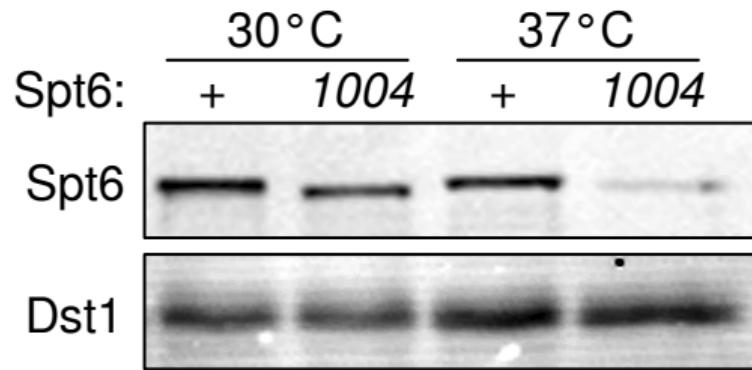


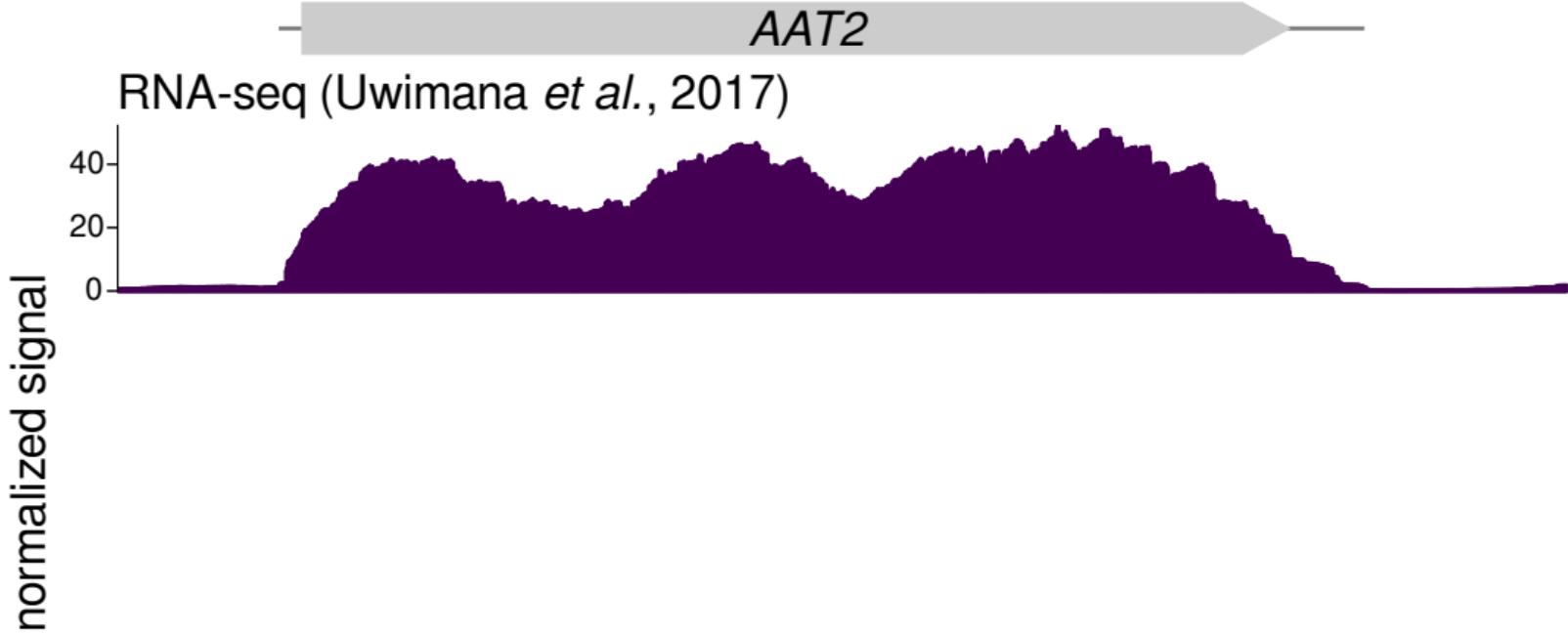


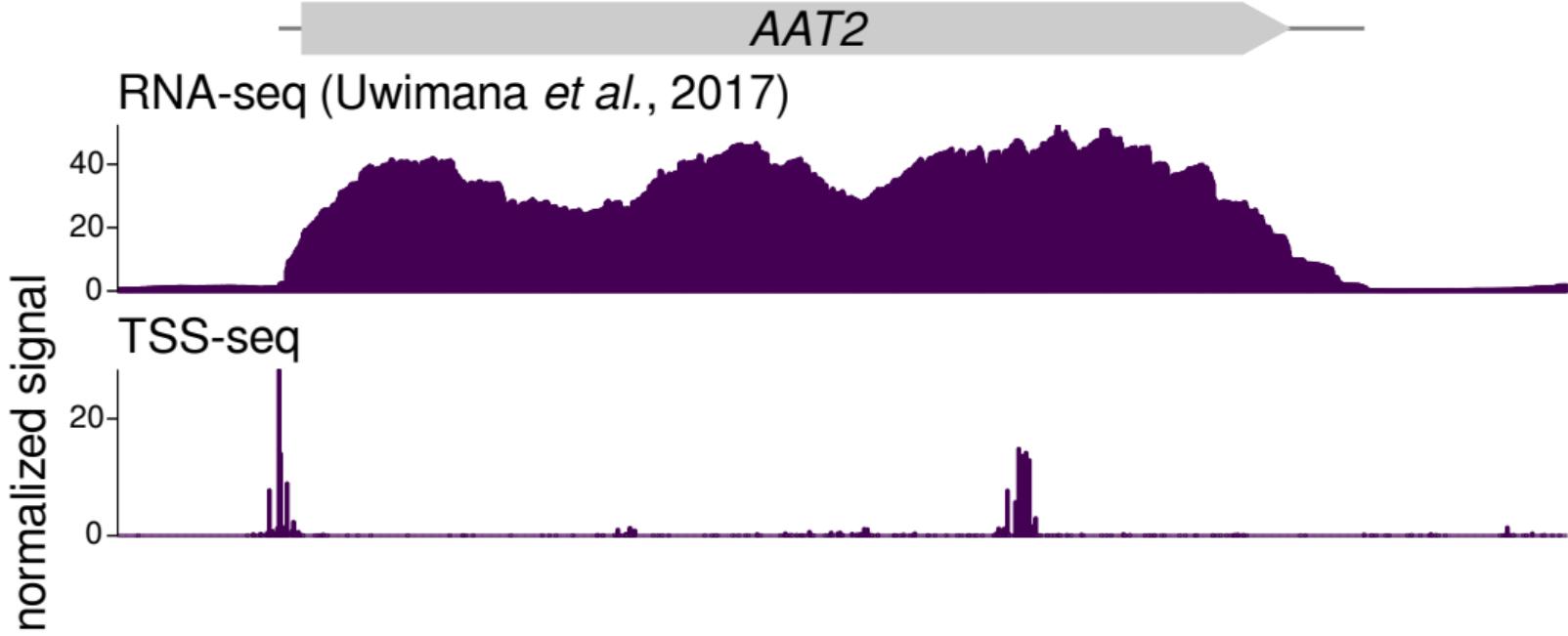
The *spt6-1004* mutant expresses intragenic transcripts

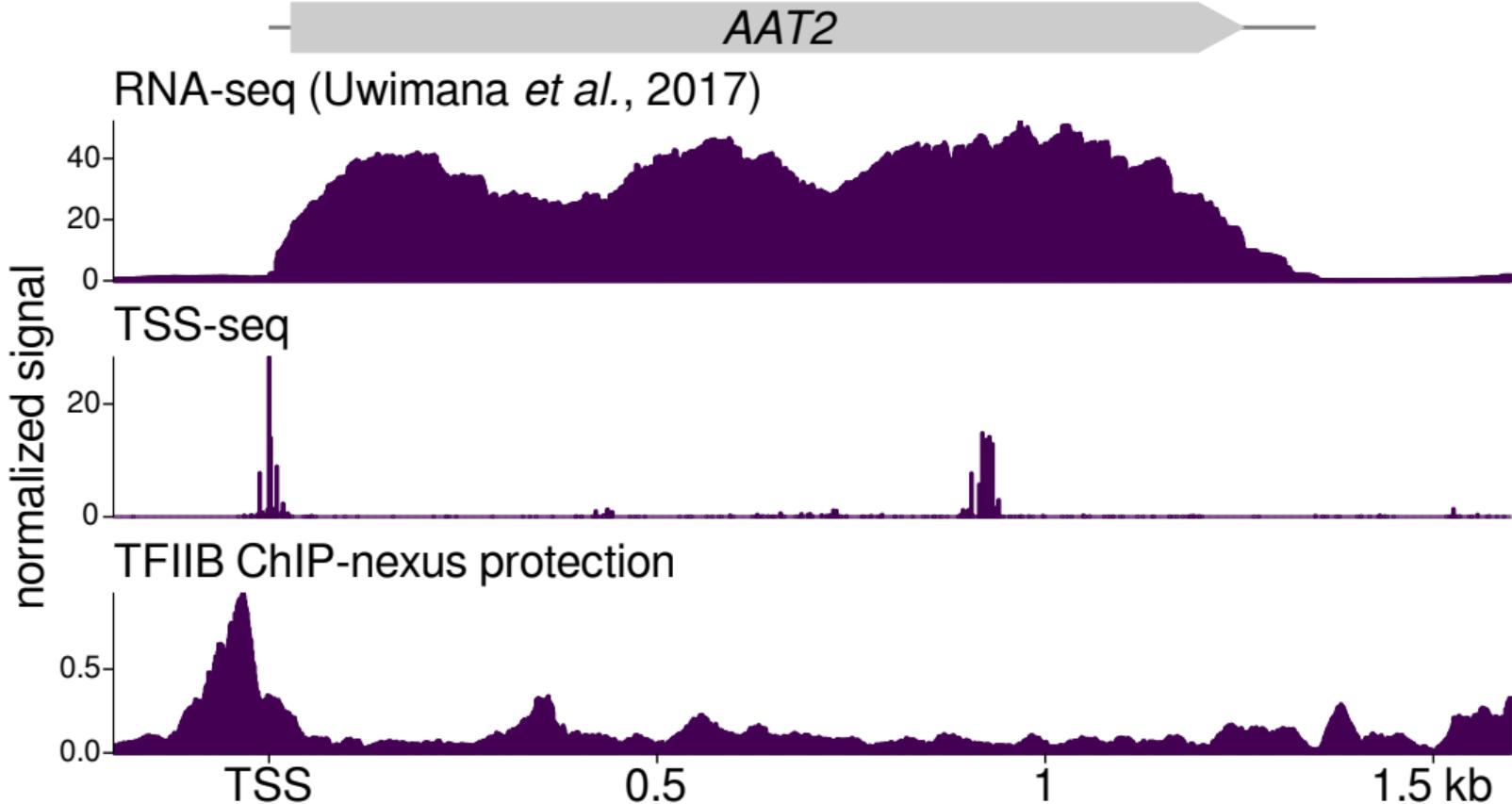


The *spt6-1004* mutant expresses intragenic transcripts

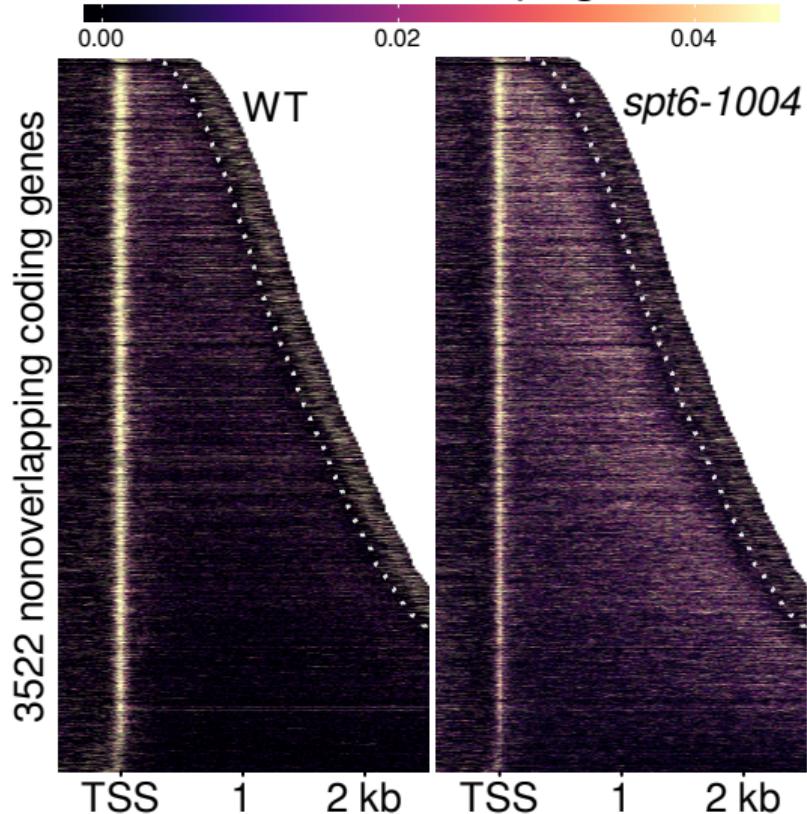


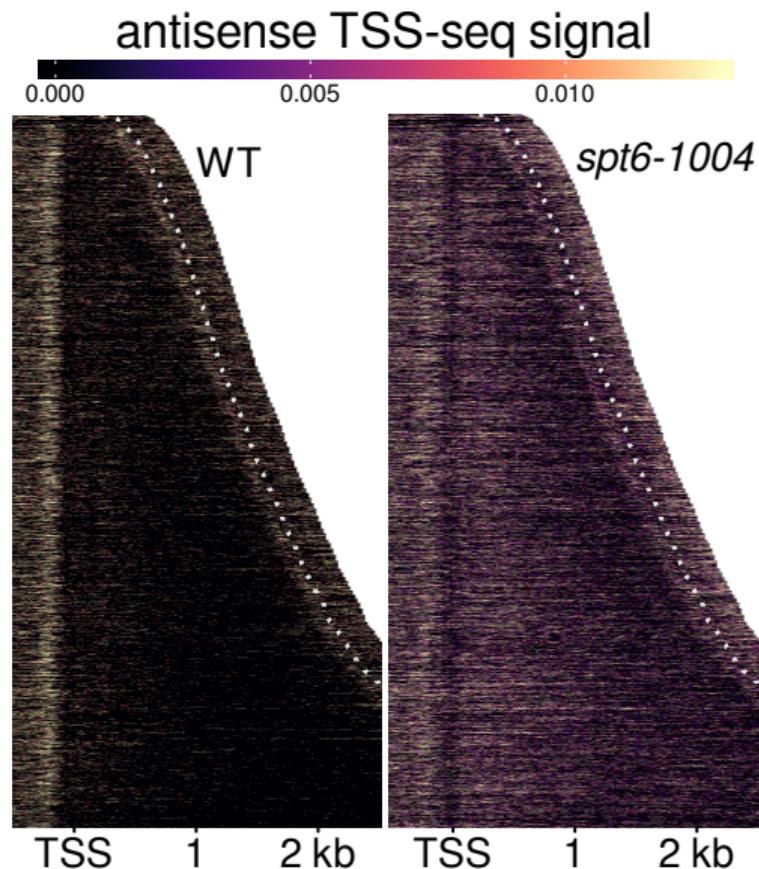
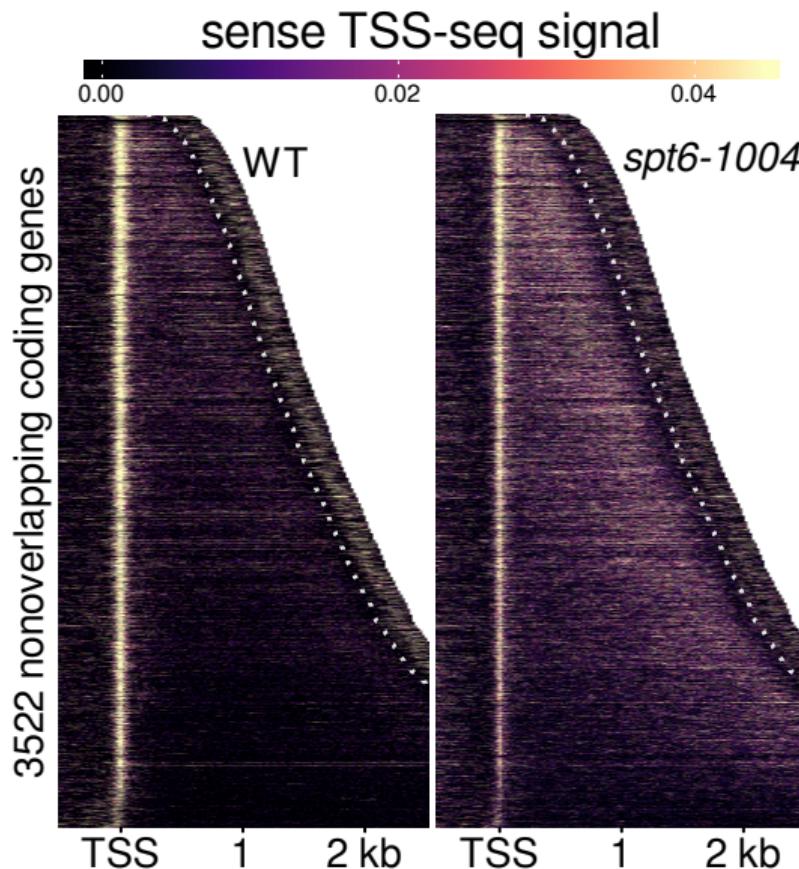




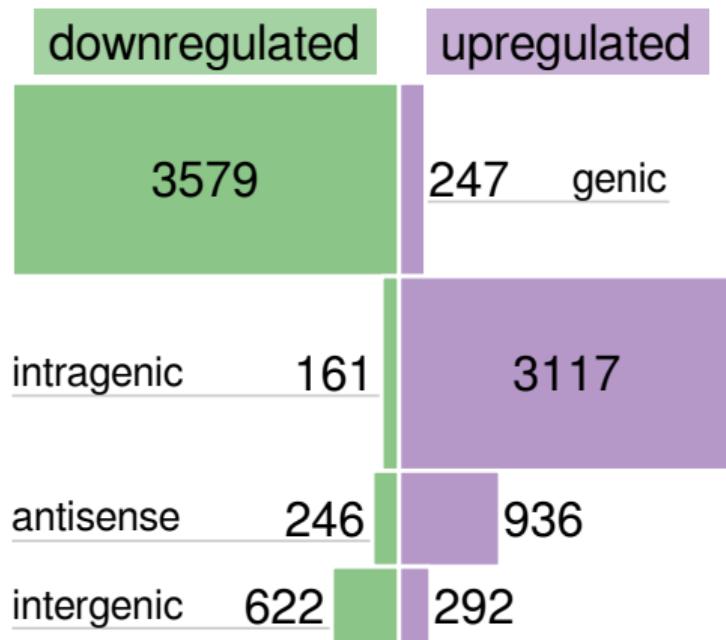


sense TSS-seq signal

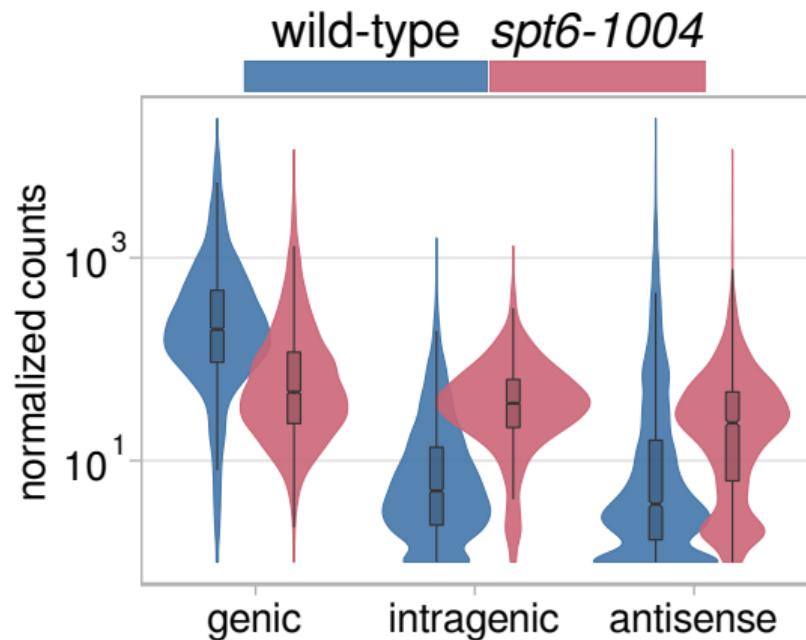
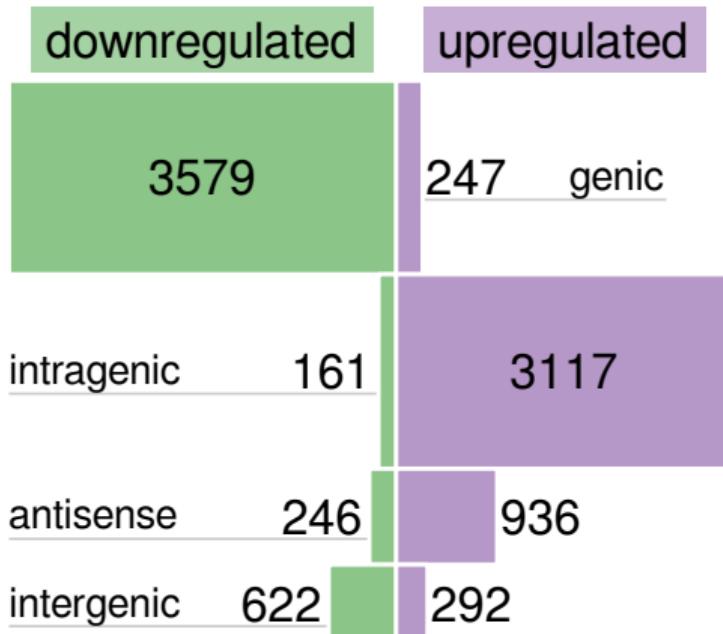




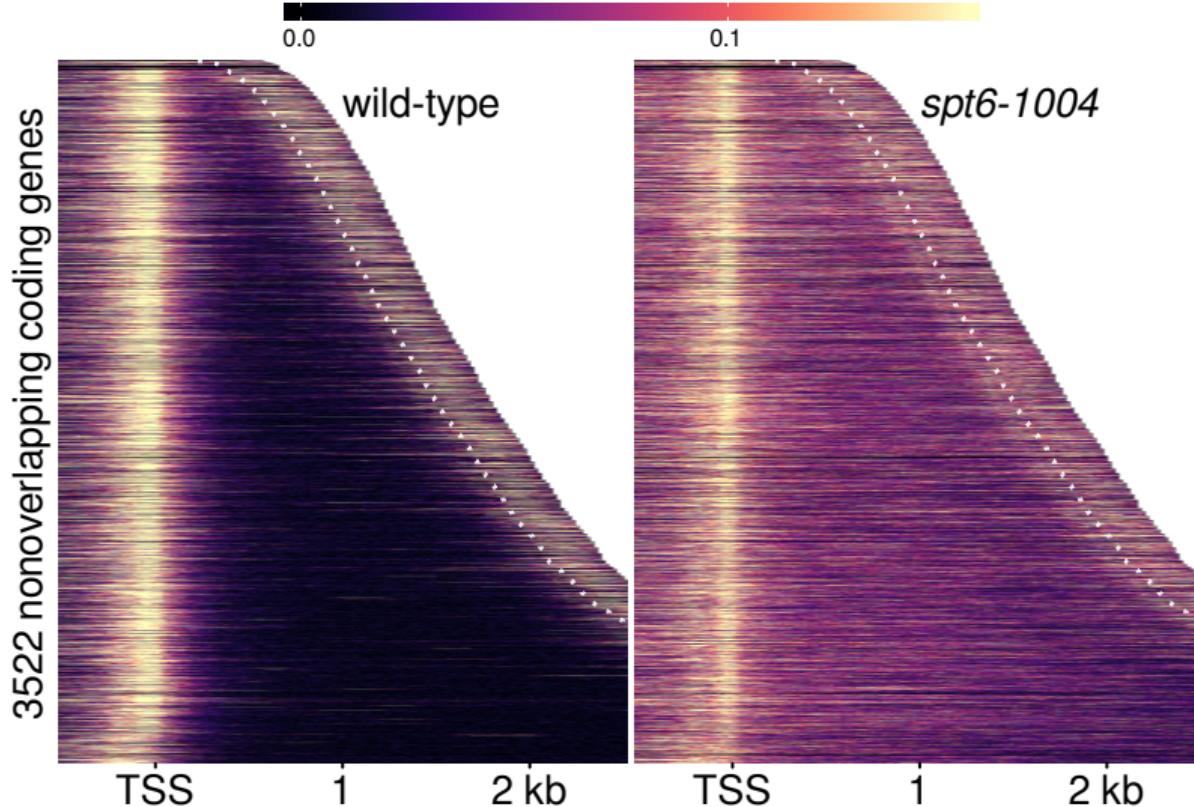
Downregulation of genic TSSs in *spt6-1004*:

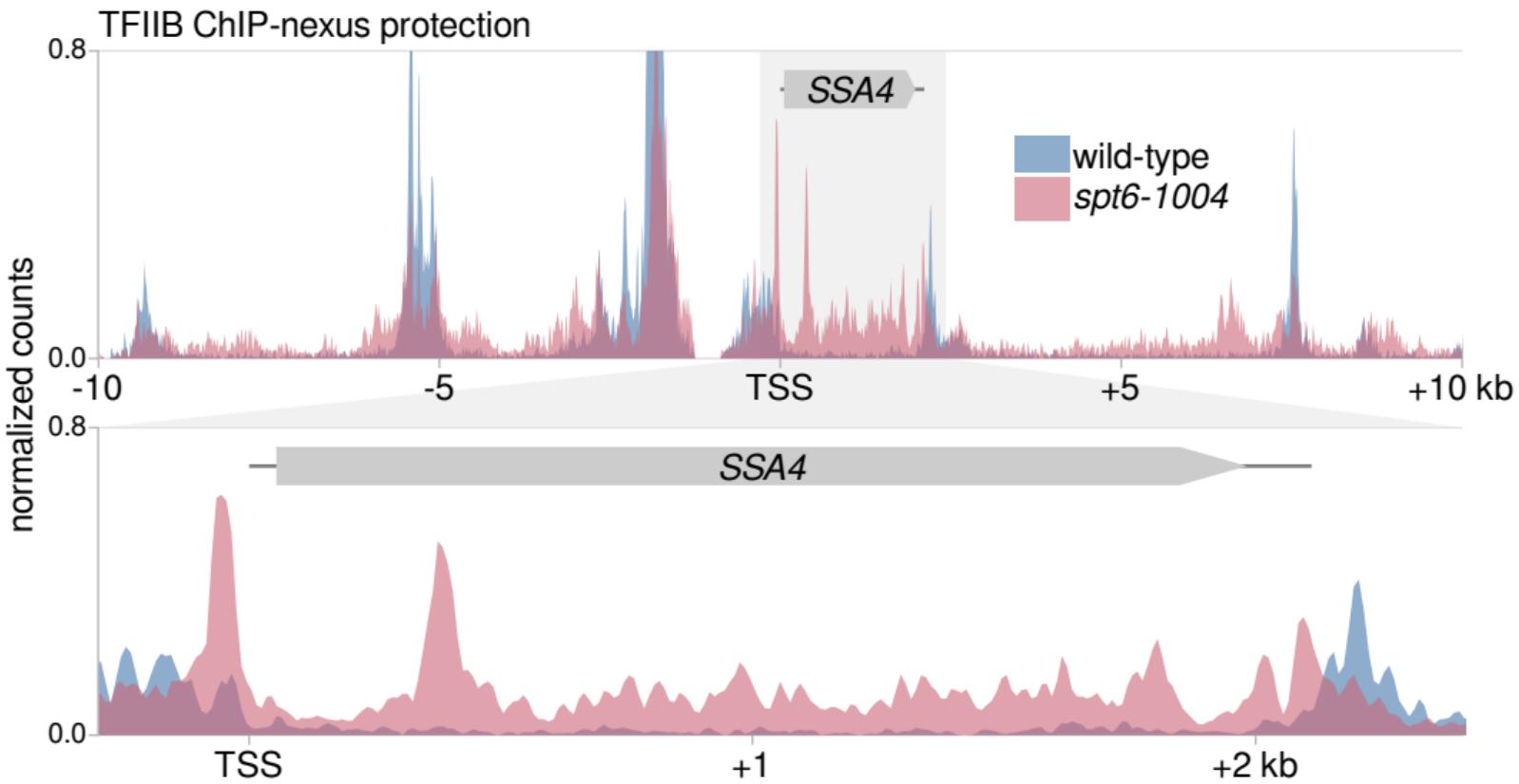


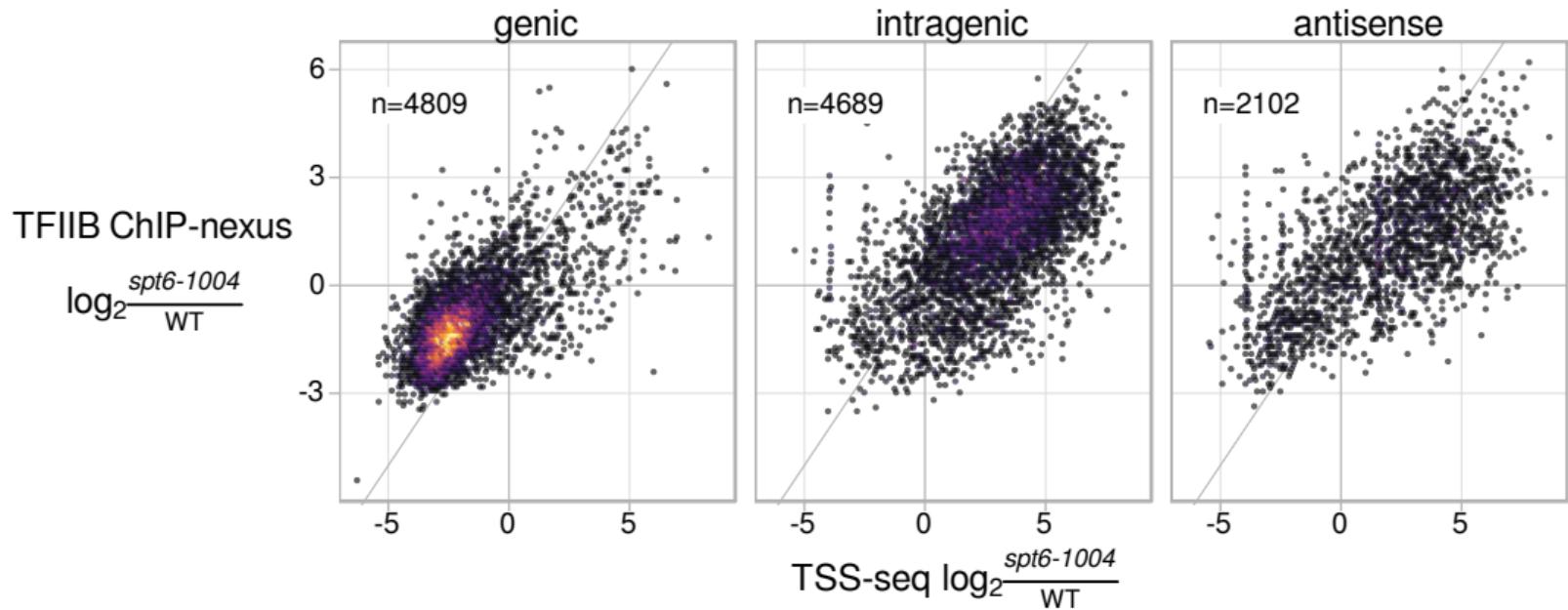
Downregulation of genic TSSs in *spt6-1004*:



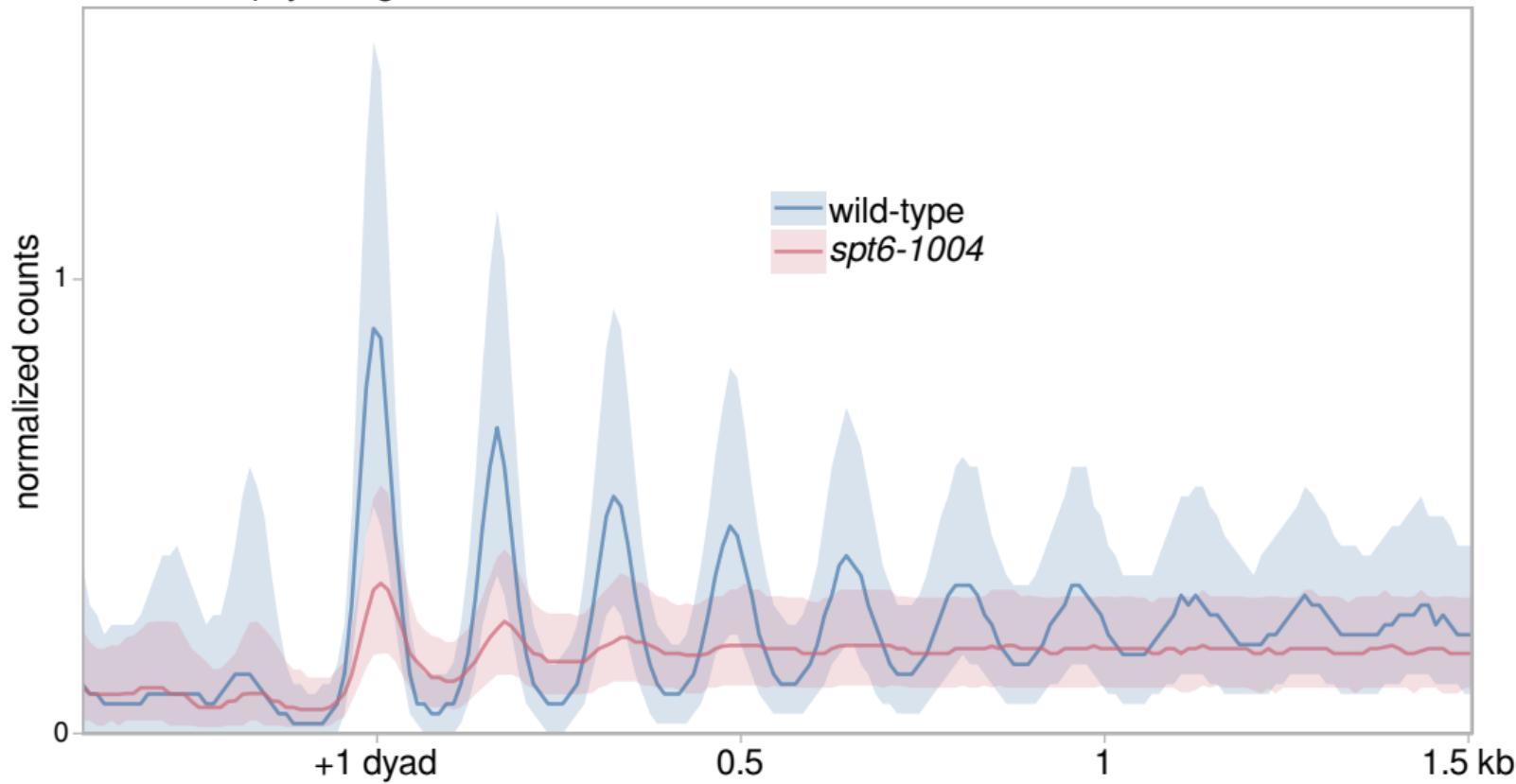
TFIIB ChIP-nexus protection

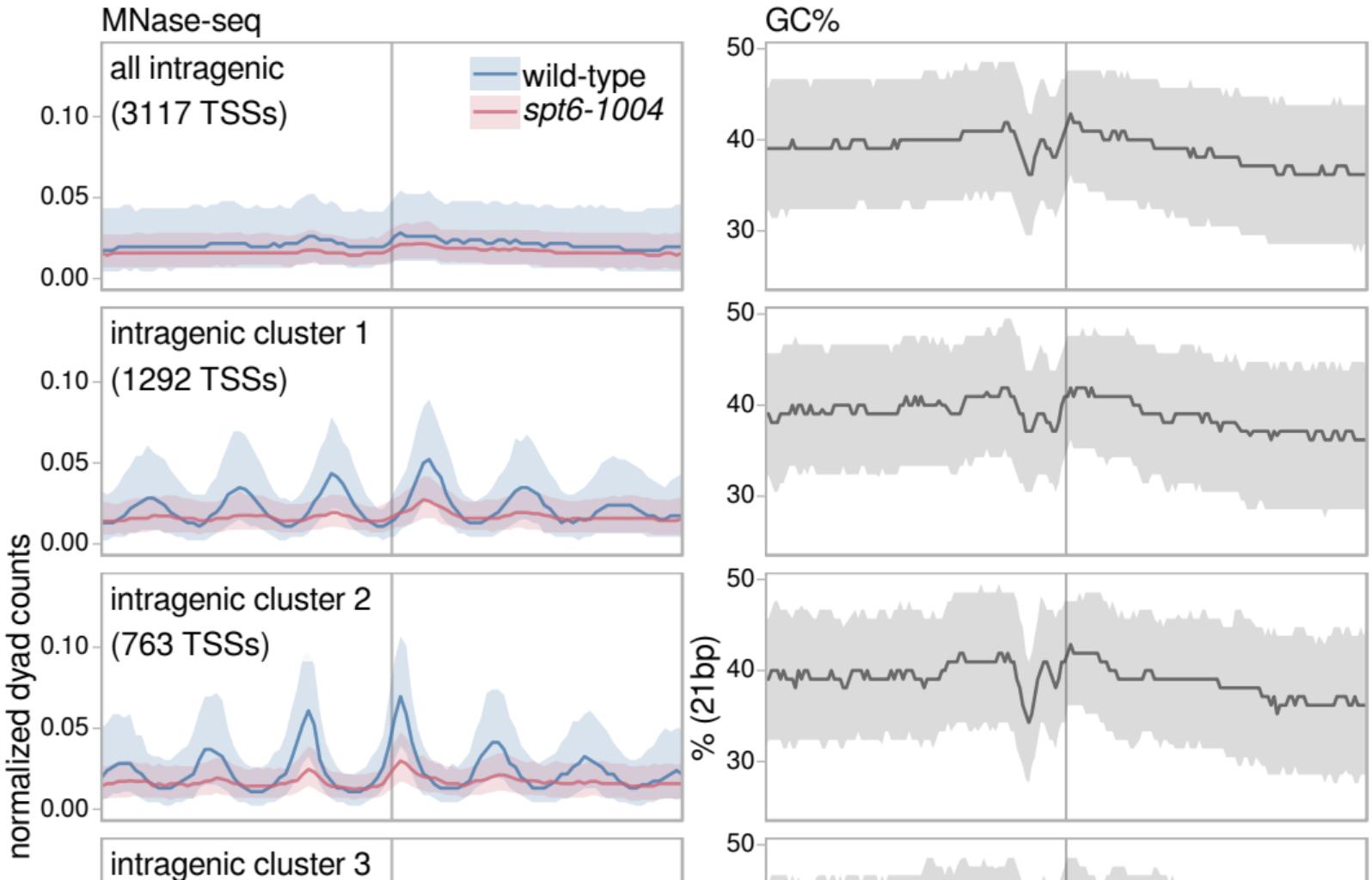




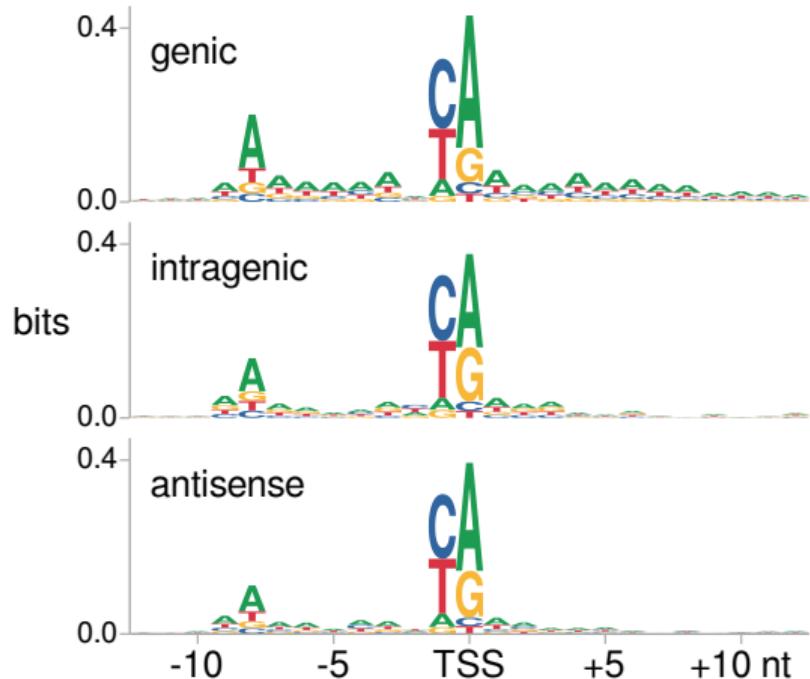


MNase-seq dyad signal

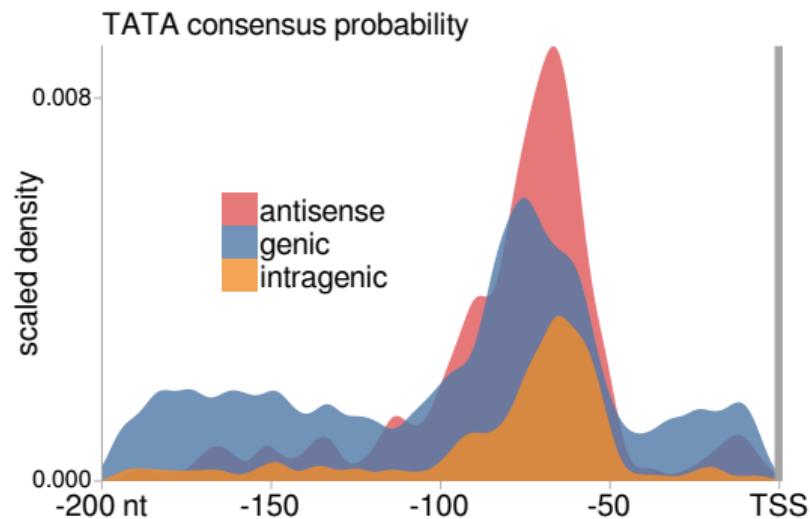




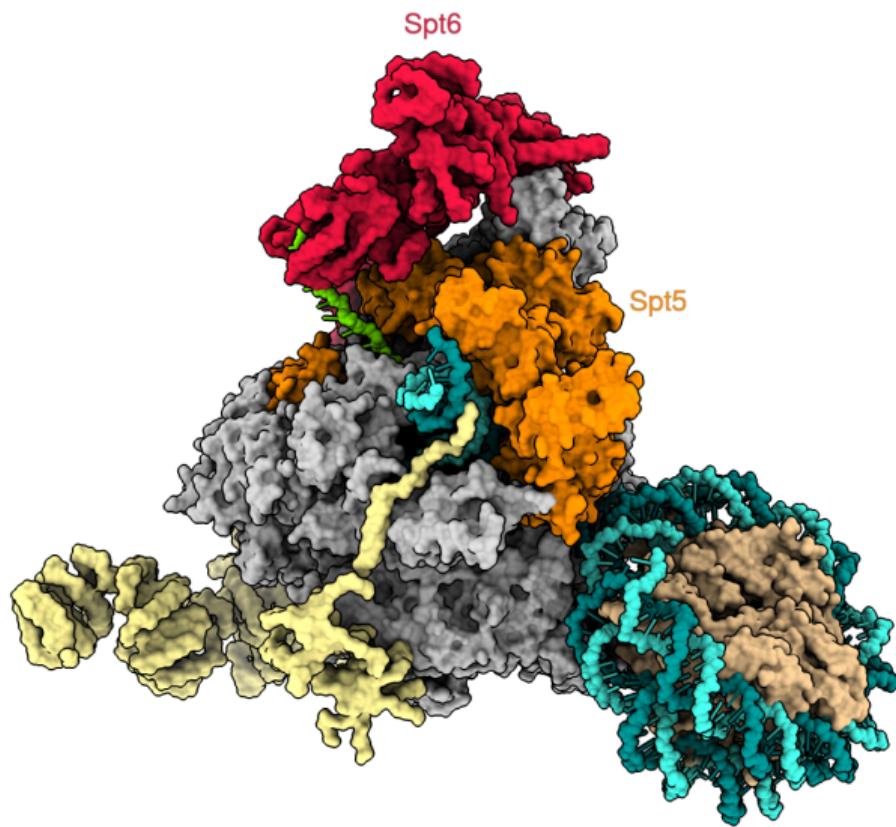
TSSs in *spt6-1004*

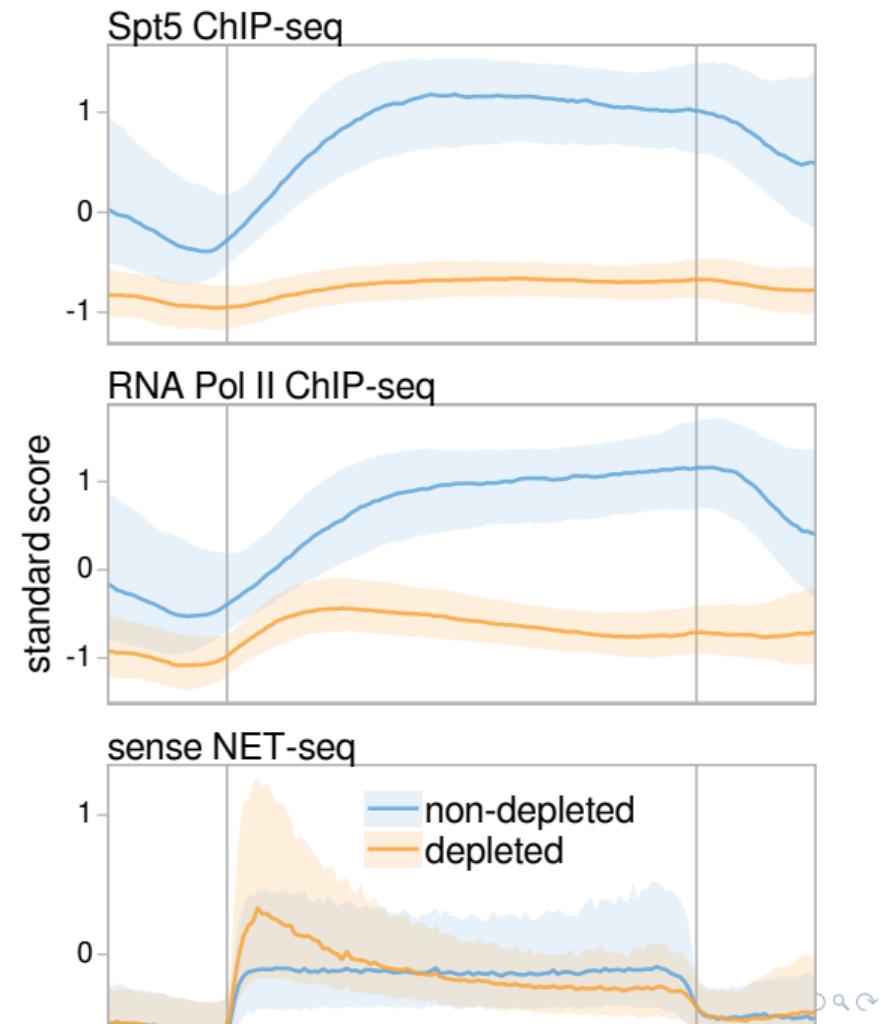
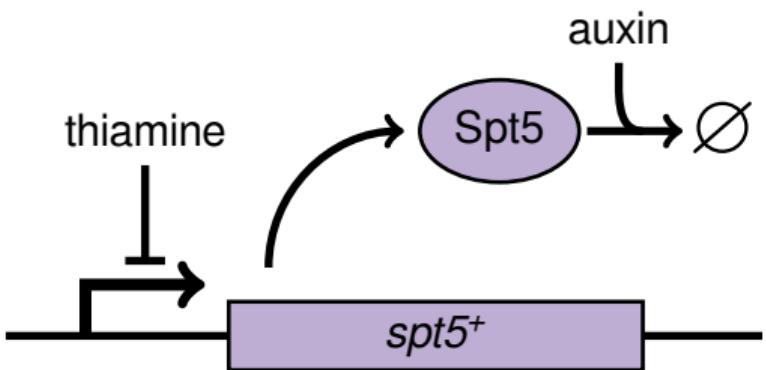


TATA consensus probability

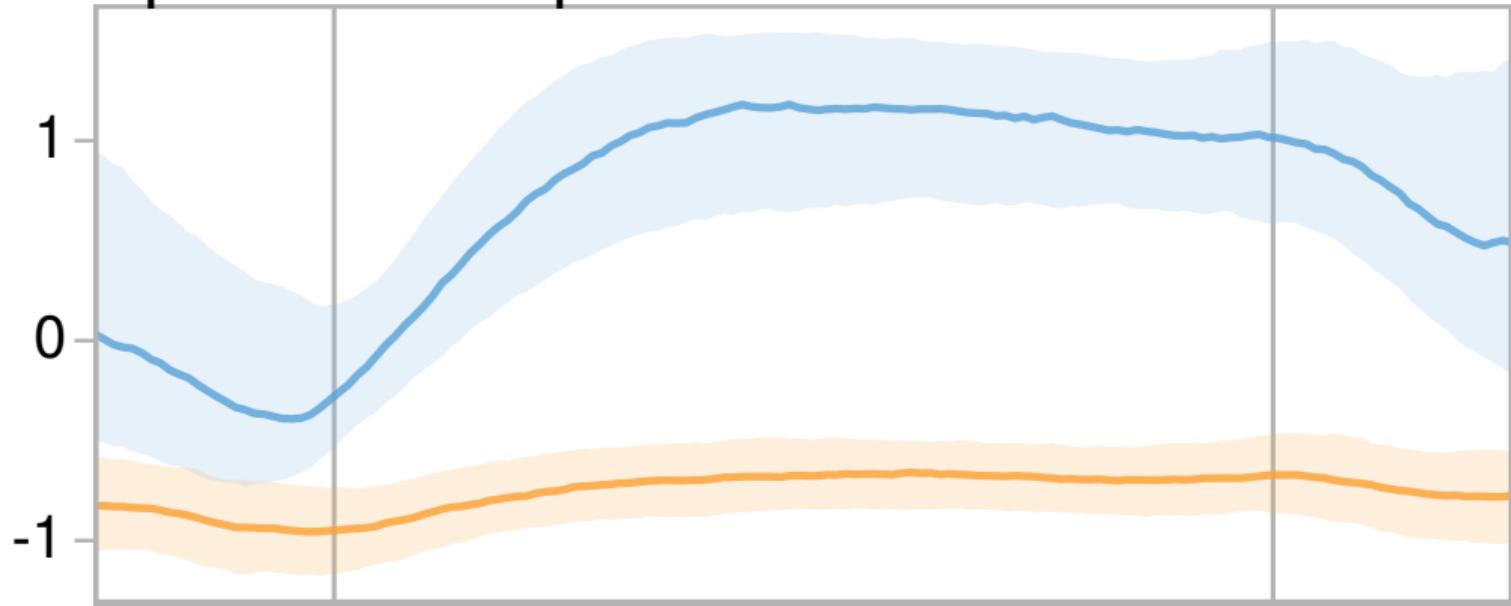


Spt6 summary and model



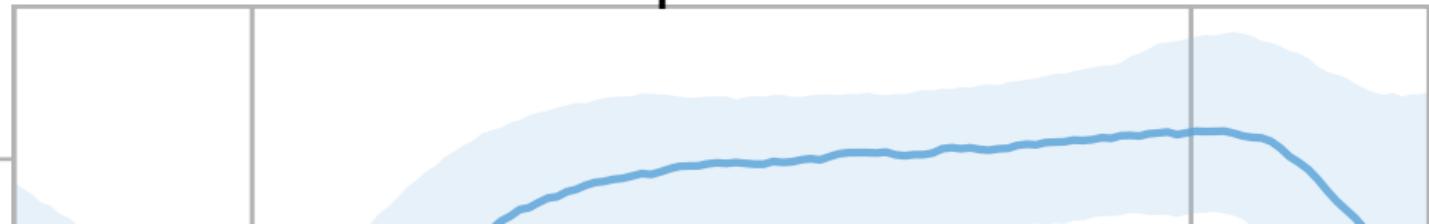


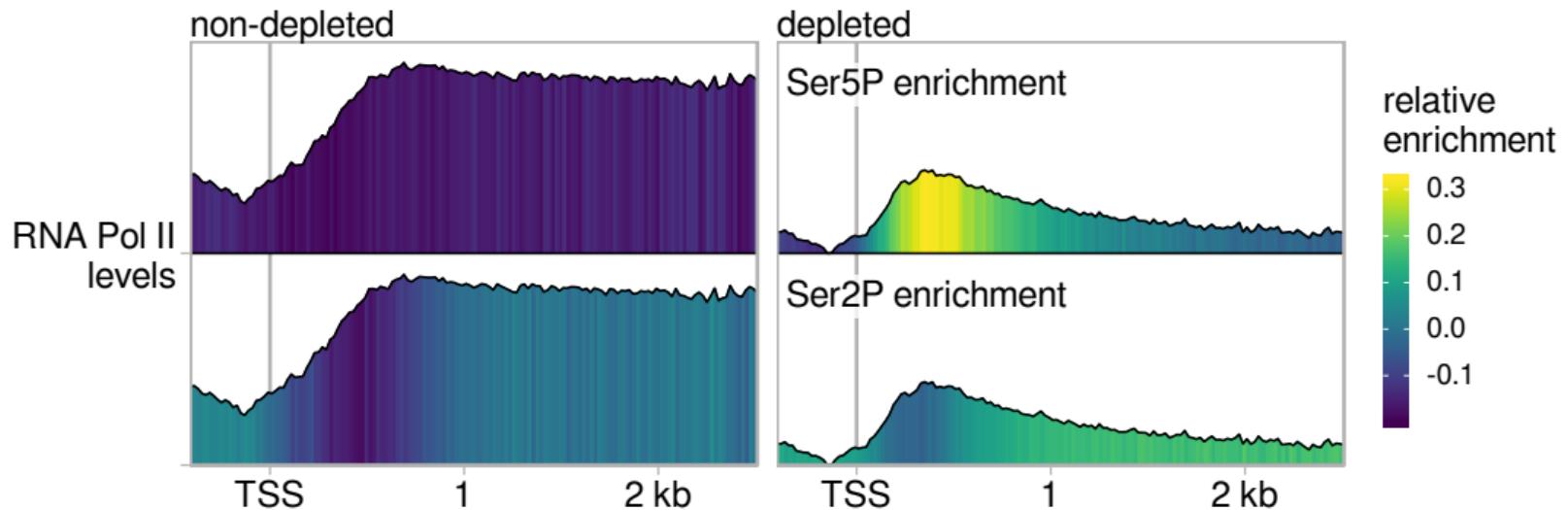
Spt5 ChIP-seq



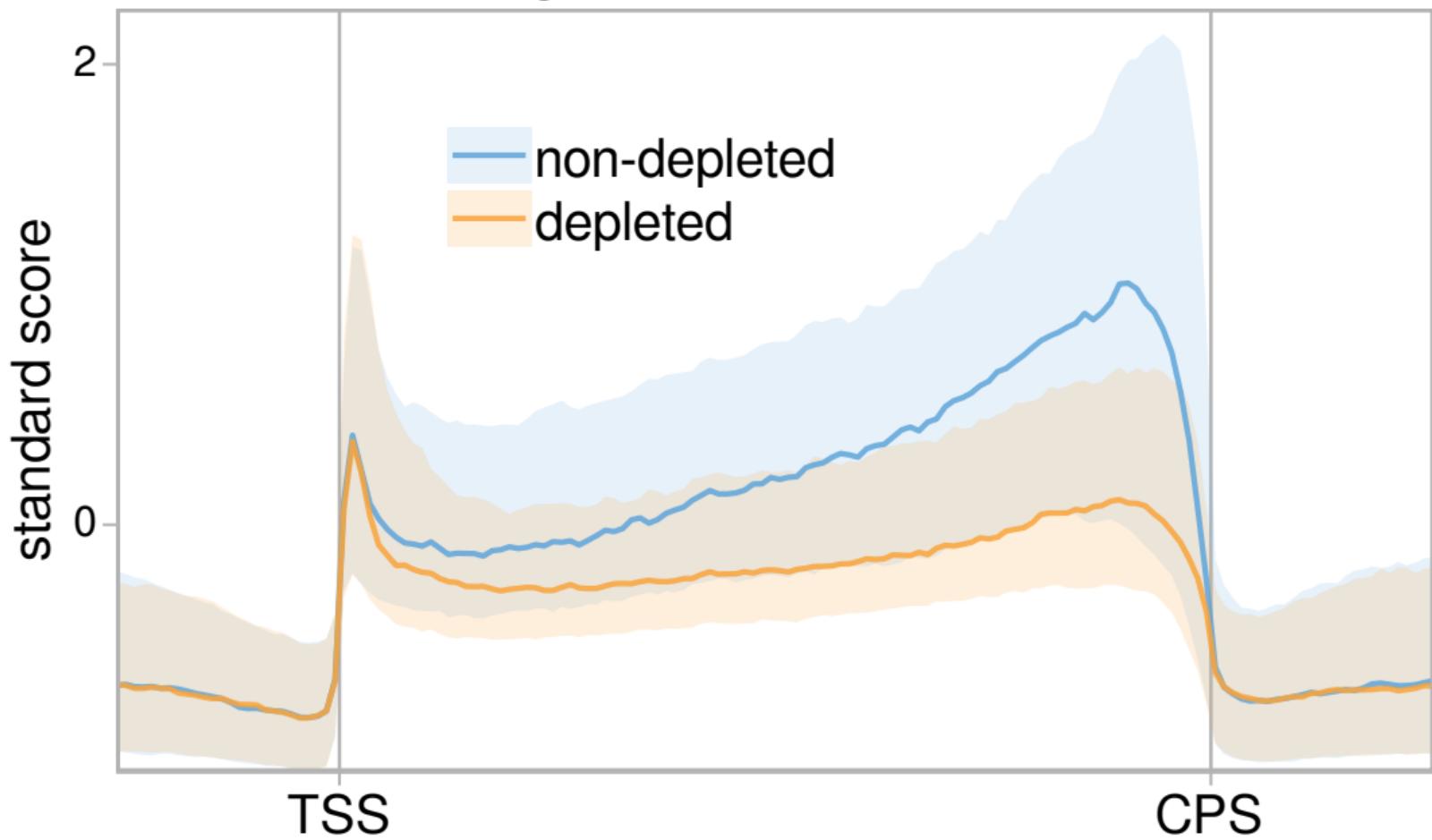
RNA Pol II ChIP-seq

Score

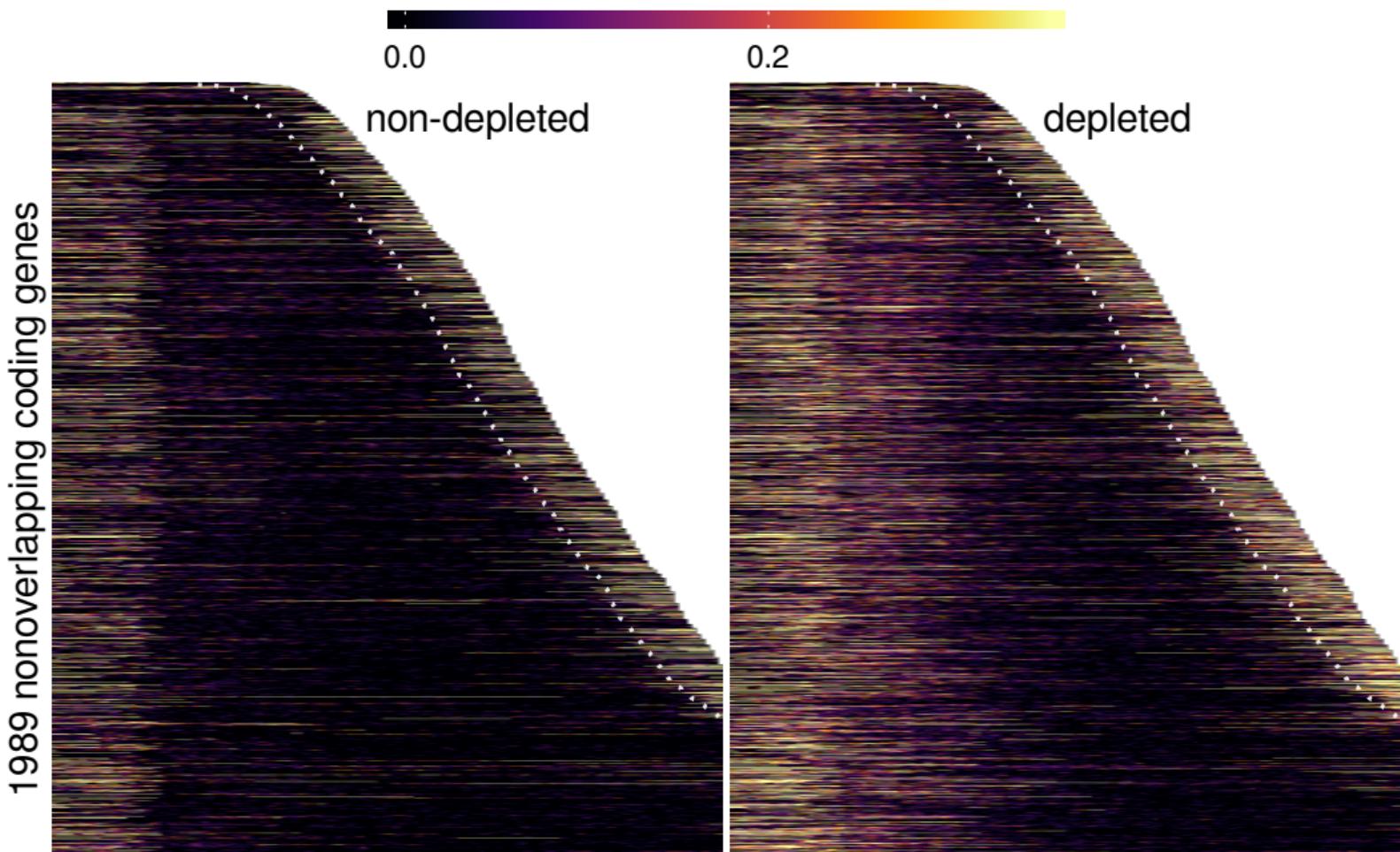


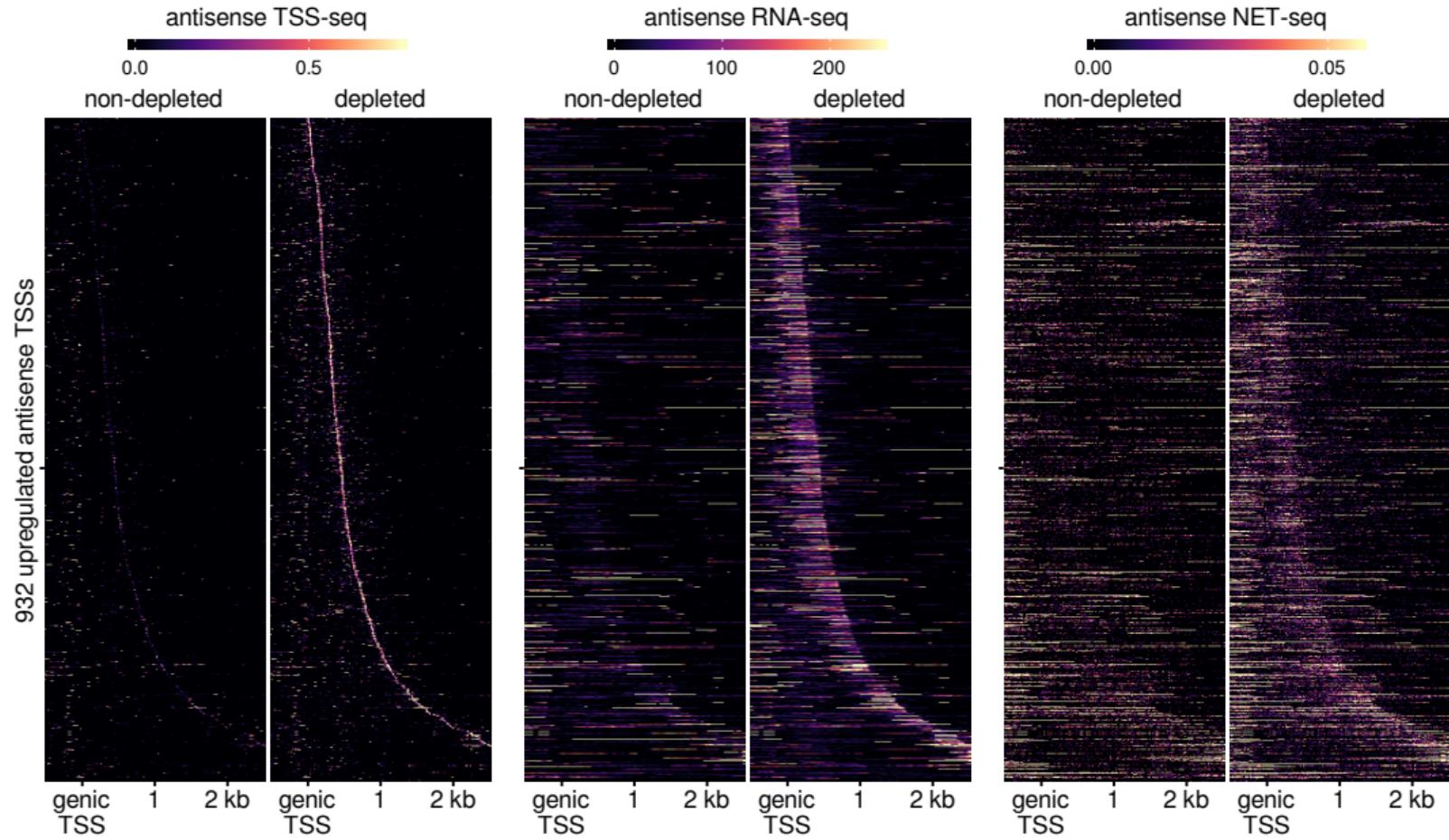


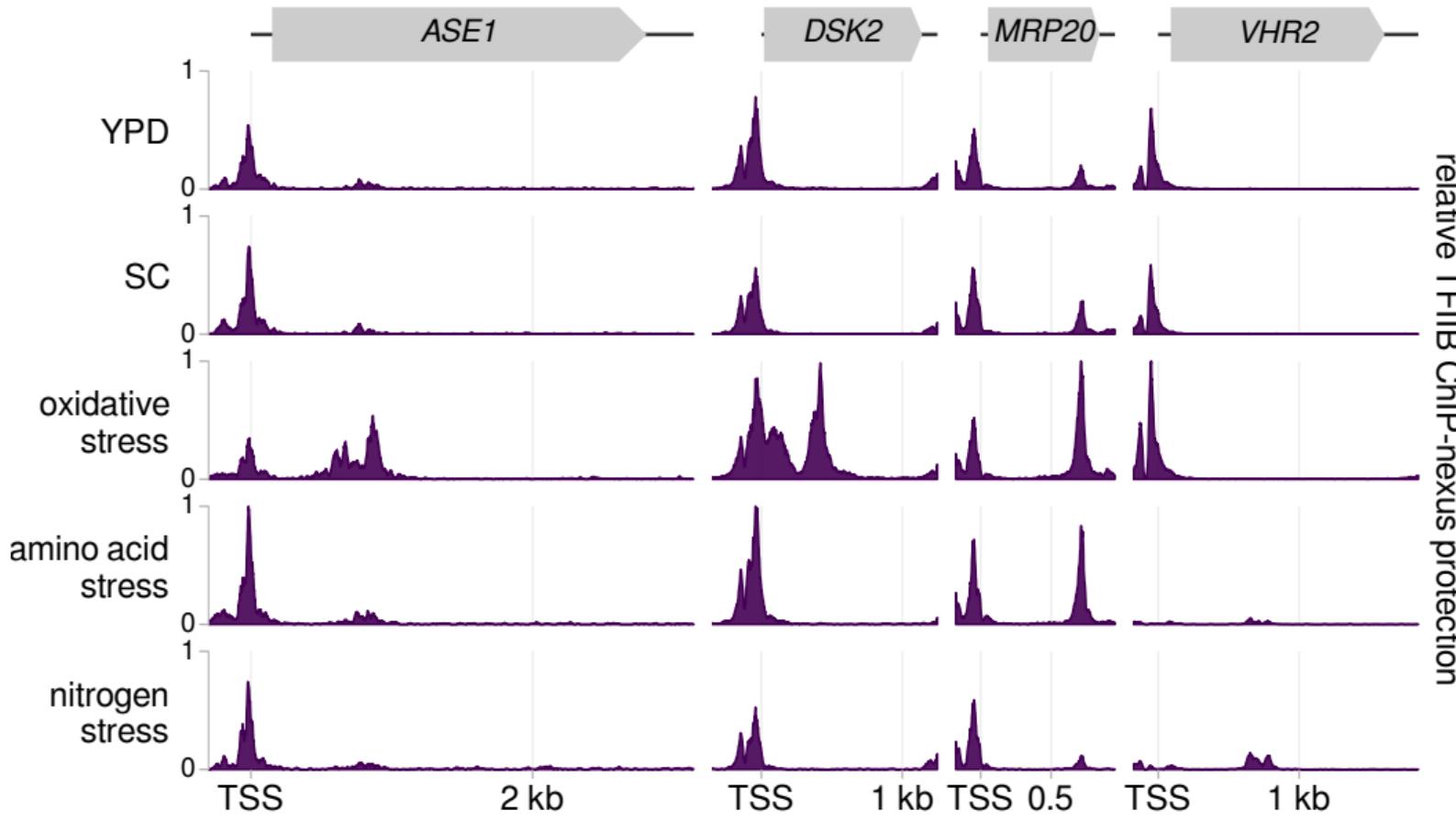
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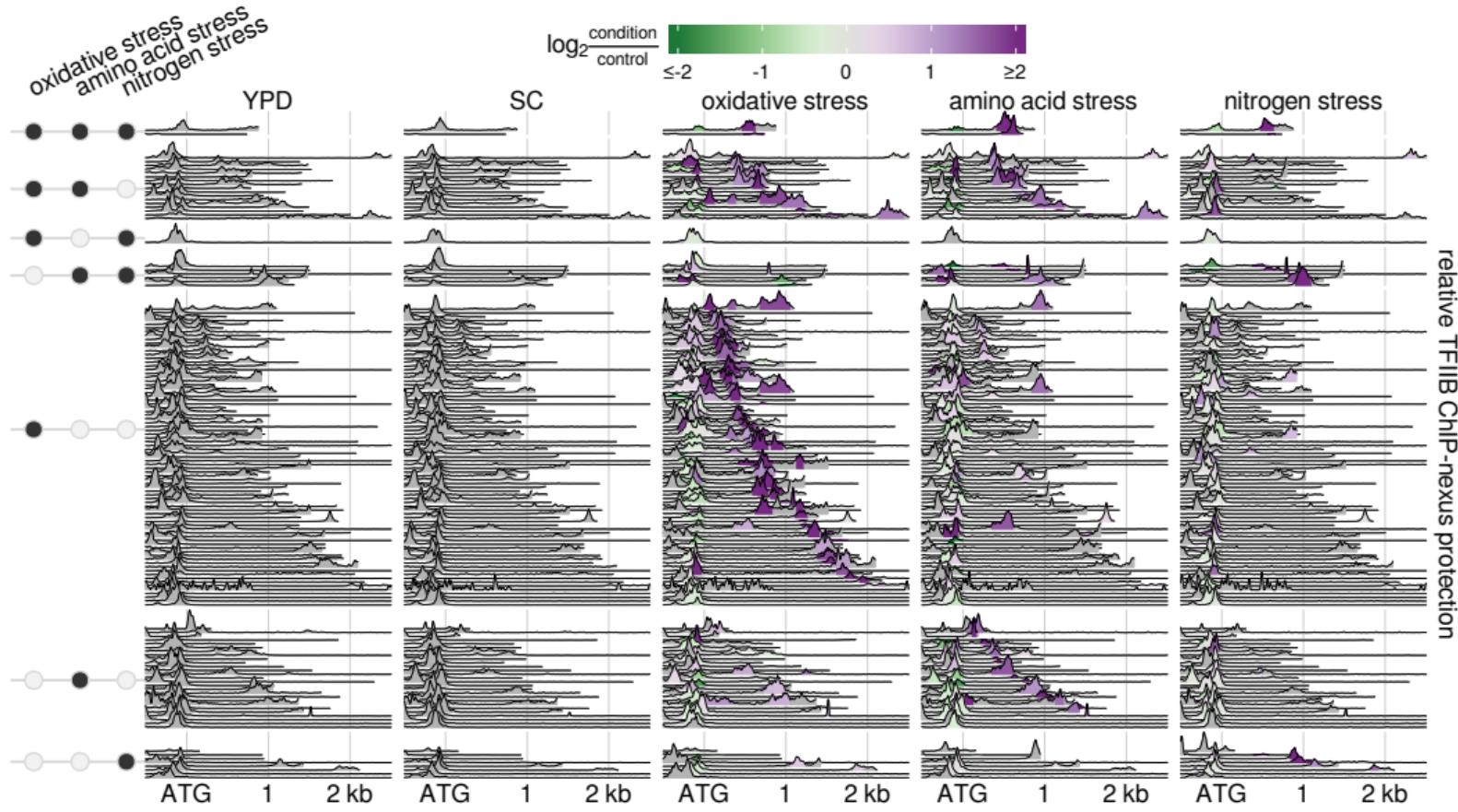
antisense RNA-seq signal



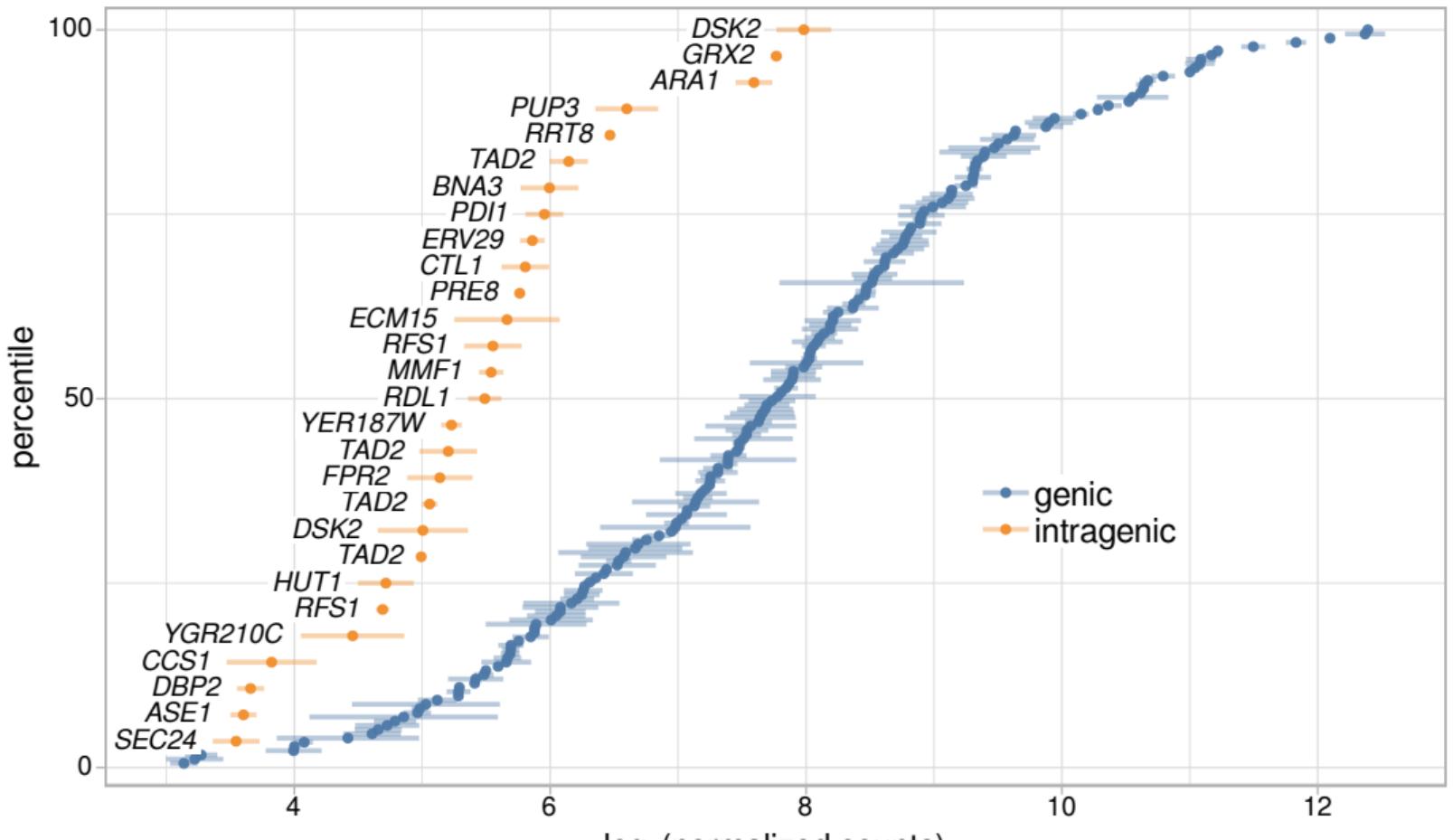




induced in:



TSS expression levels in oxidative stress oxidative stress-induced promoters



polysome enrichment in oxidative stress

oxidative stress-induced TSSs

