

PROMPT
TC peak

Gene TSS

PROMPT region

mRNA region

500 bp

500 bp

sense +
antisense

sense +
antisense

$\Sigma \text{ small RNA } +1$

$\Sigma \text{ CAGE } +1$

individually for

21

...

24

$\Sigma \text{ small RNA } +1$

$\Sigma \text{ CAGE } +1$

individually for

21

...

24

+1 = pseudocount

mean PROMPT TC
expression across
genotypes

mean promoter TC
expression across
genotypes

boxplot

log-scale or ratio +1 (after trimming out the 1% top ratio)