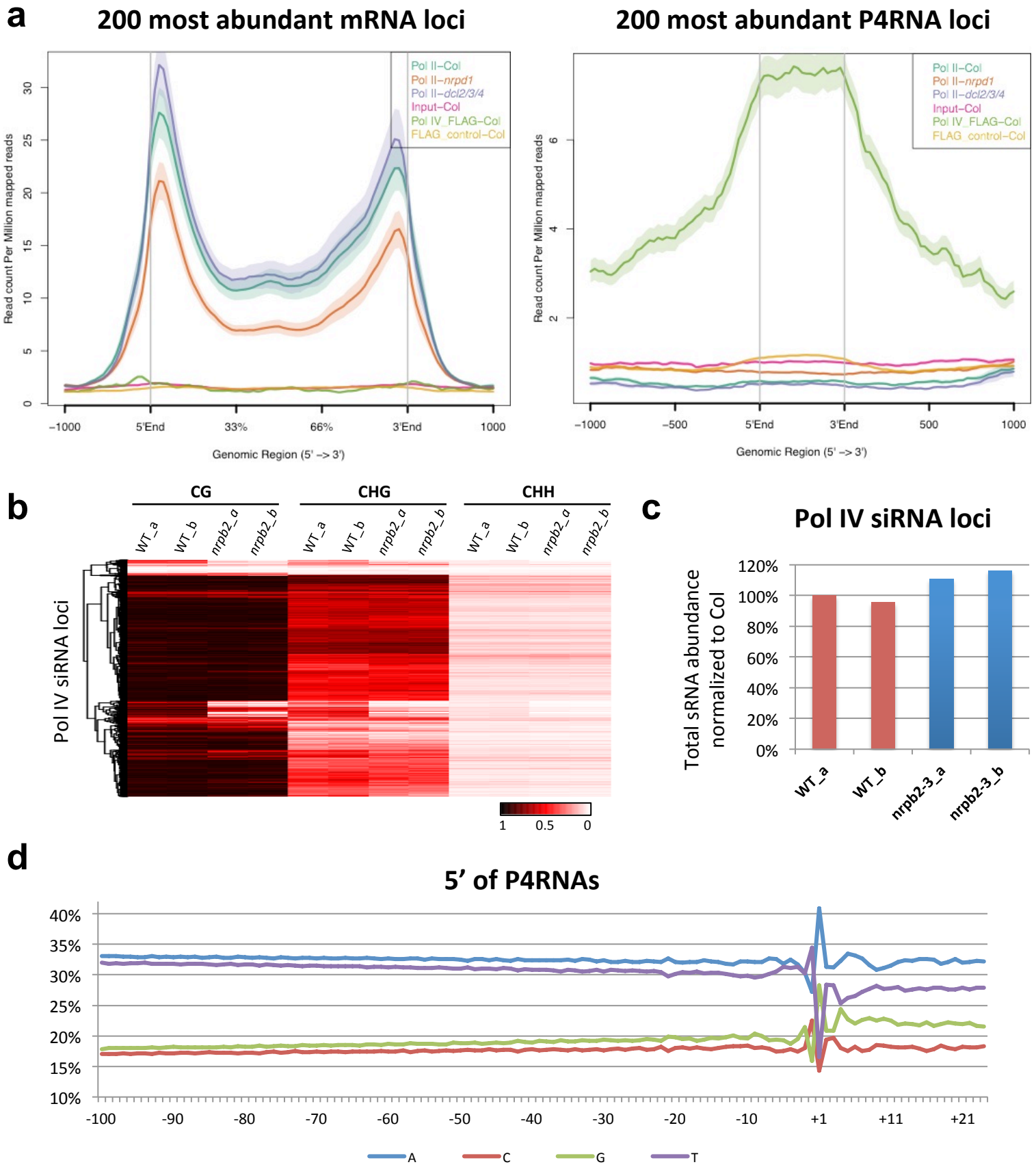
a
200 most abundant mRNA loci
200 most abundant P4RNA loci
Pol II–Col
Pol II–nrpd1
Pol II–dcl2/3/4
Input–Col
Pol IV_FLAG–Col
FLAG_control–Col
Read count Per Million mapped reads
Genomic Region (5' –> 3')
–1000
5'End
33%
66%
3'End
1000
–500
500
b
CG
CHG
CHH
WT_a
WT_b
nrpb2_a
nrpb2_b
Pol IV siRNA loci
1
0.5
0
c
Pol IV siRNA loci
Total sRNA abundance normalized to Col
120%
100%
80%
60%
40%
20%
0%
WT_a
WT_b
nrpb2-3_a
nrpb2-3_b
d
5' of P4RNAs
40%
35%
30%
25%
20%
15%
10%
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
+1
+11
+21
A
C
G
T

Figure S4.