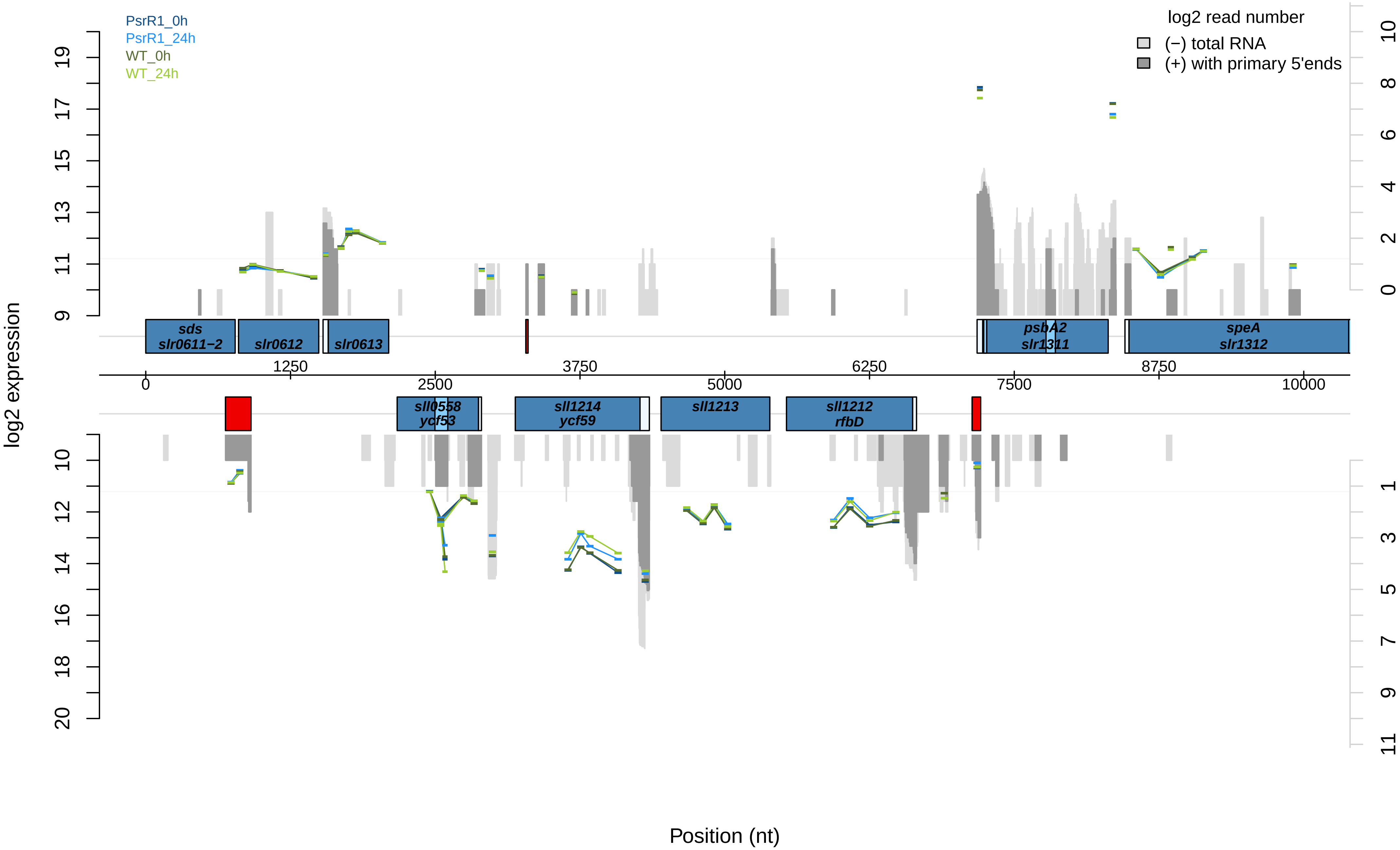
Supplemental Data. Georg et al. (2014). Plant Cell 10.1105/tpc.114.129767

Whole genome expression plot. Both strands of the respective chromosomal regions are shown with the location of annotated (protein coding) genes (blue boxes), antisense RNAs (red), and intergenic sRNA genes (yellow). RNAseq read numbers for primary transcripts (cf. [1]) are plotted in dark gray; reads for all transcripts are in light gray, given in $\log_2$ scale (right y-axis). The scale for the microarray data are given at the left y-axis. All probes of a single RNA feature are connected by lines. Signals derived from individual microarray probes are represented by green (WT) and blue (*psrR1*$^+$) squares, respectively. Color gradation pictures the chronological sequence of the experiment.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PsrR1_24h
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log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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speA
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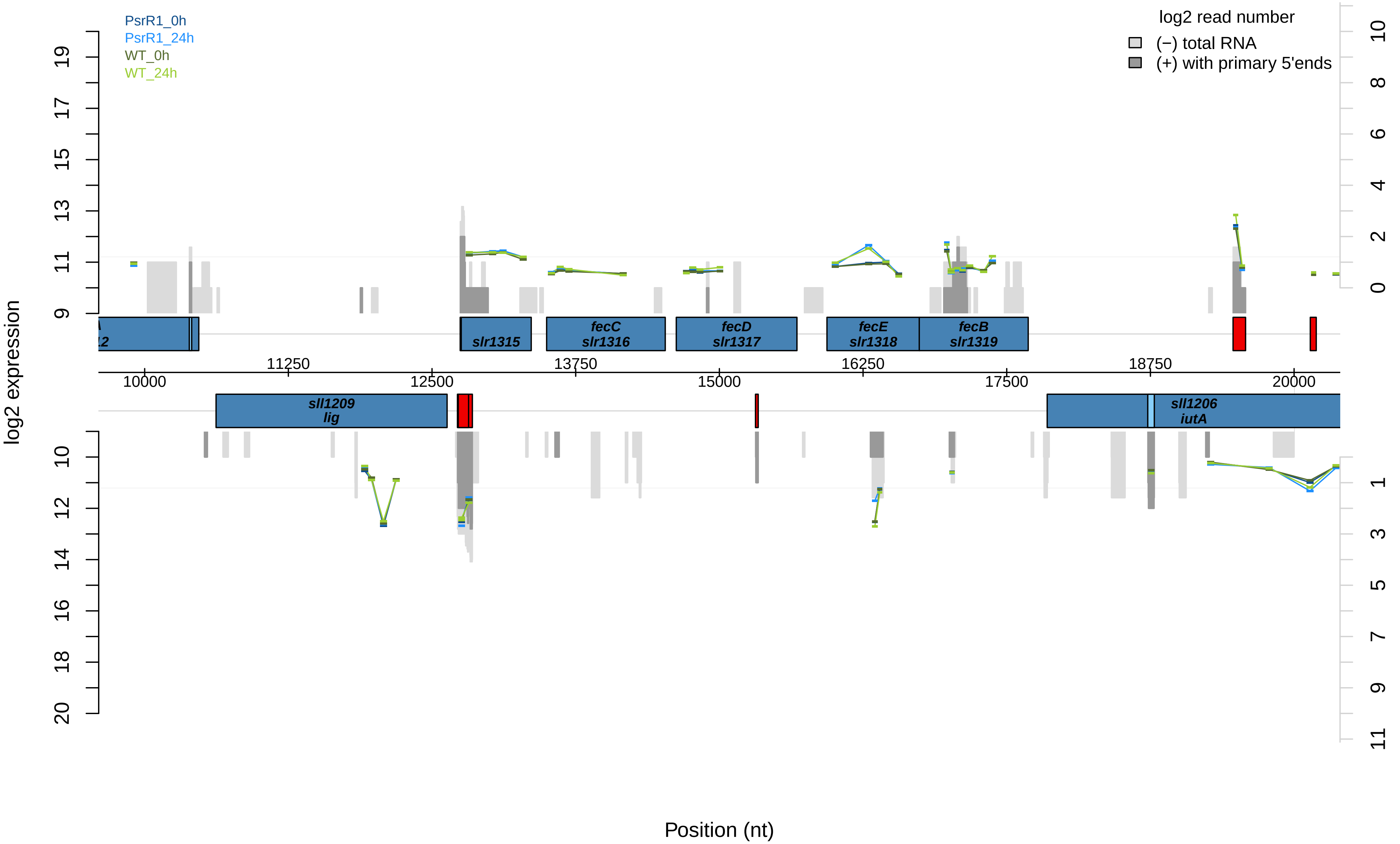
Position (nt)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(+) with primary 5'ends
log2 expression
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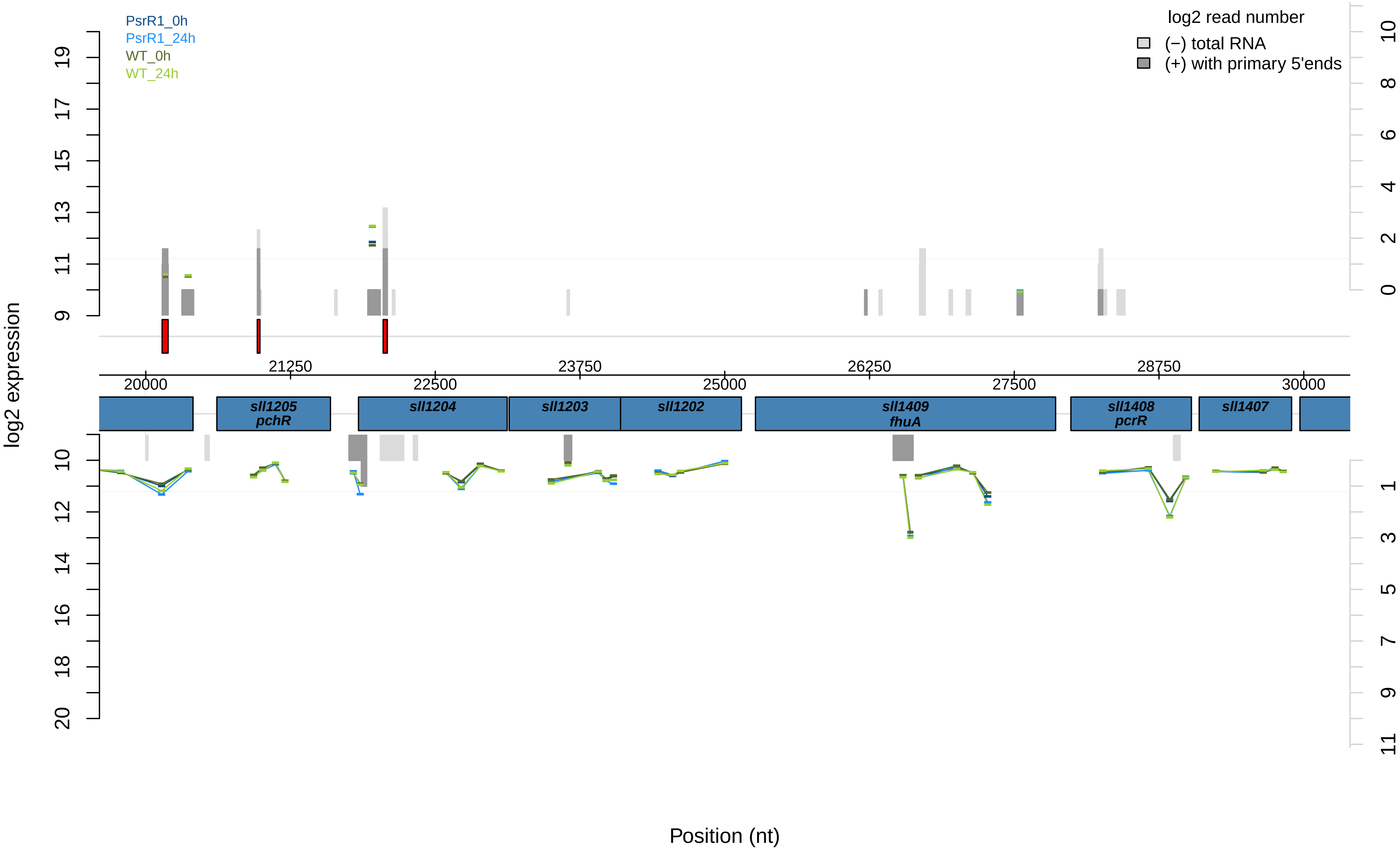
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WT_0h
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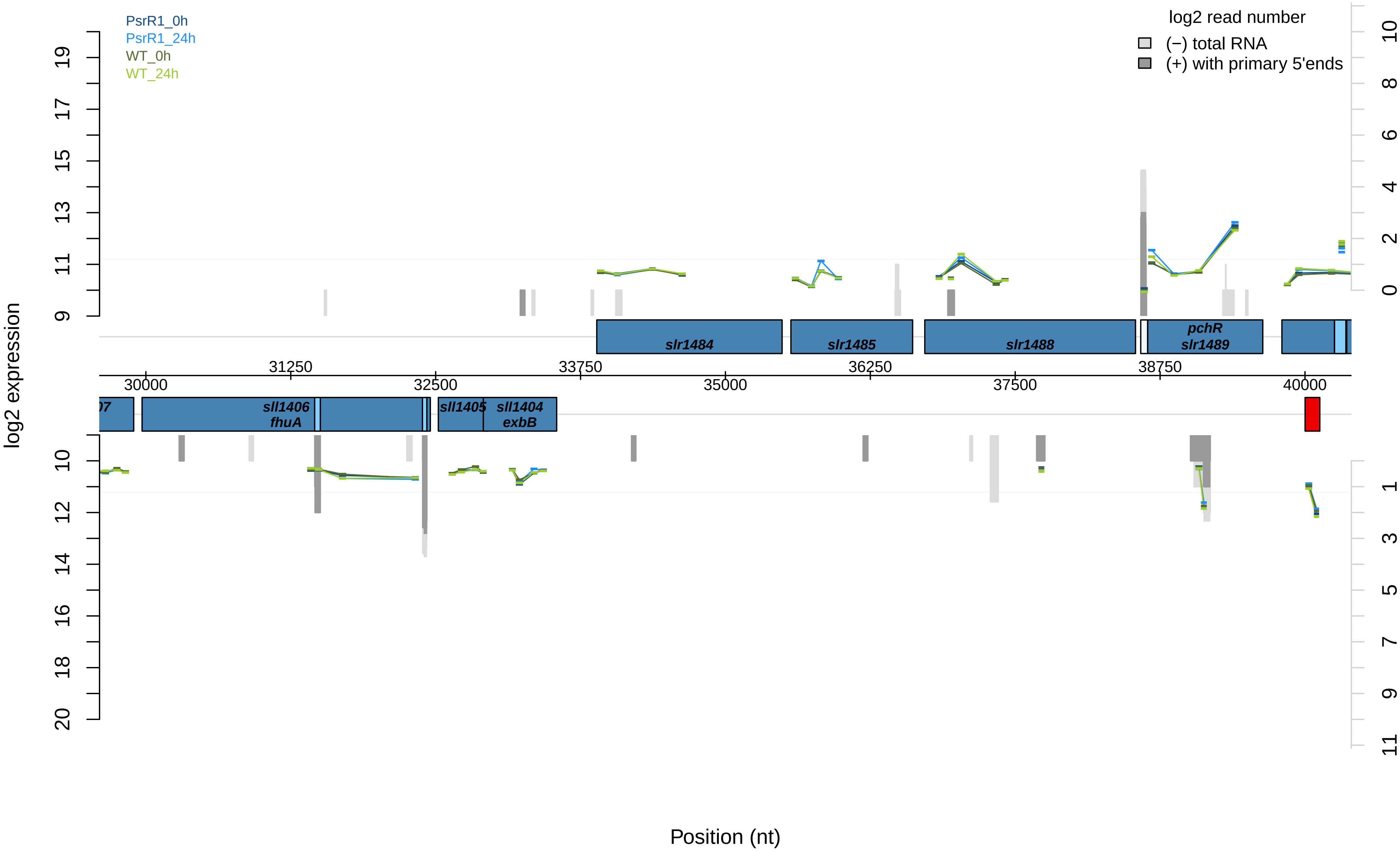
Position (nt)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log2 expression
Position (nt)
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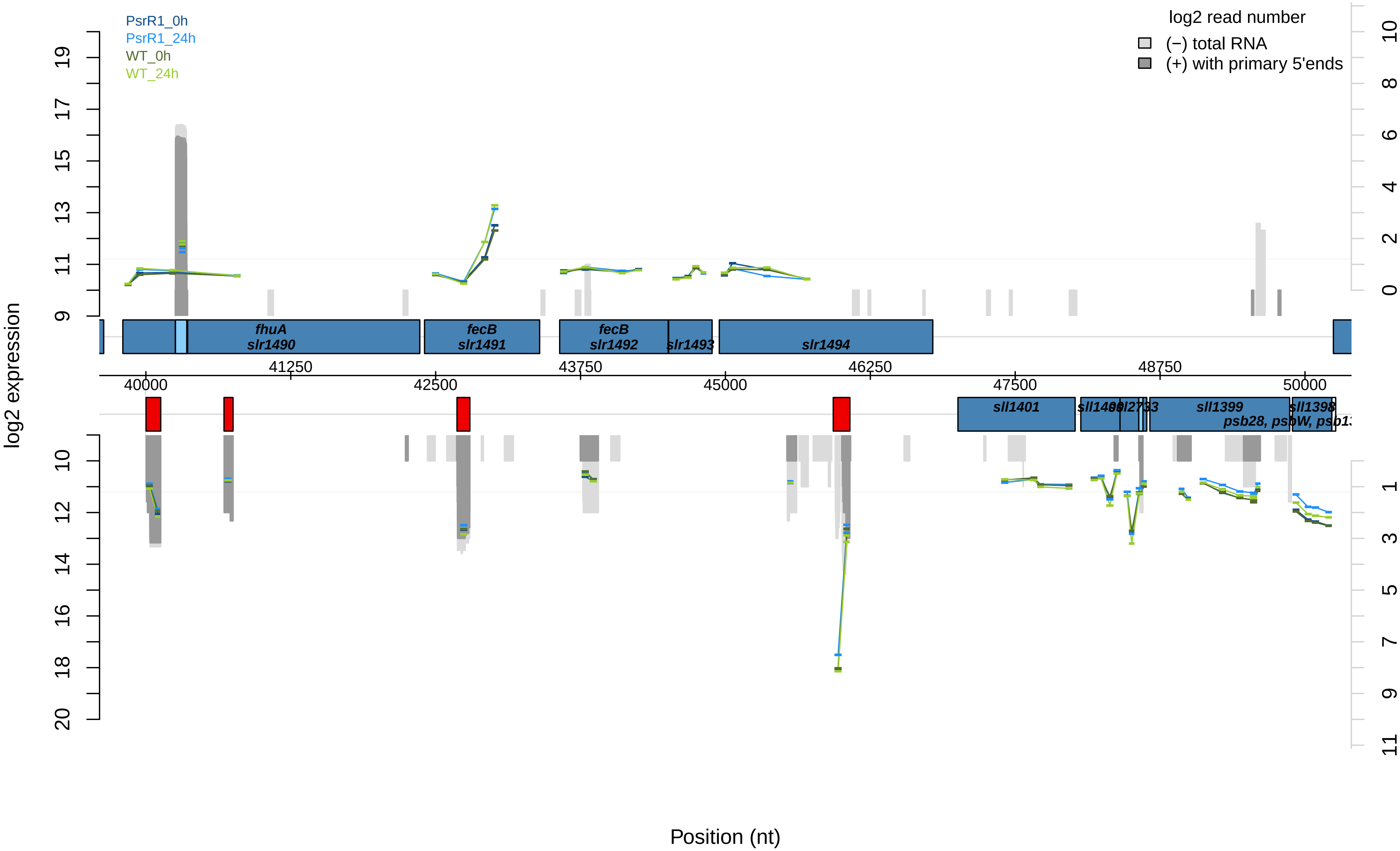
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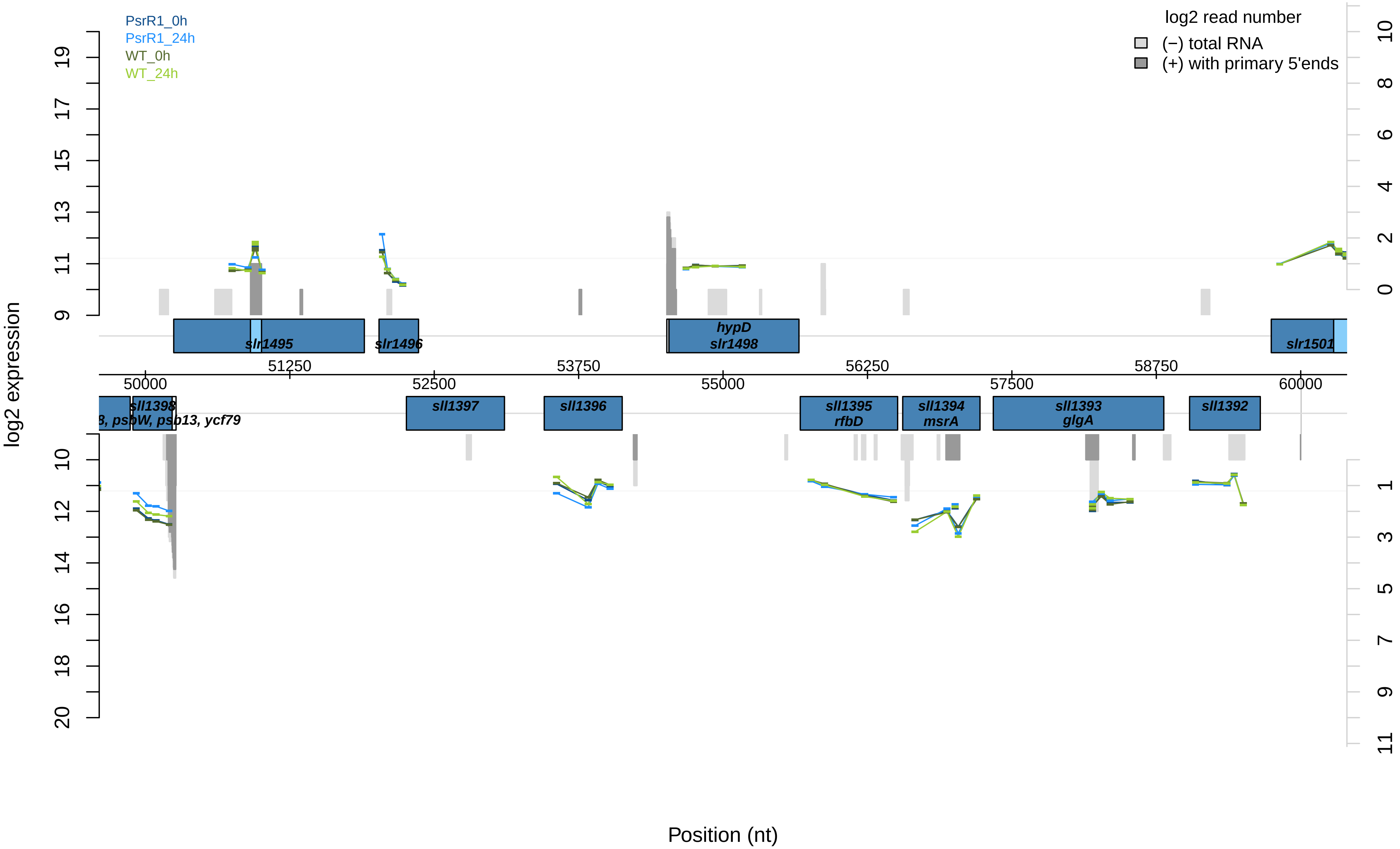
psb28, psbW, psb1
Position (nt)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WT_0h
WT_24h
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log2 expression
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slr1496
hypD
slr1498
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57500
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8, psbW, psb13, ycf79
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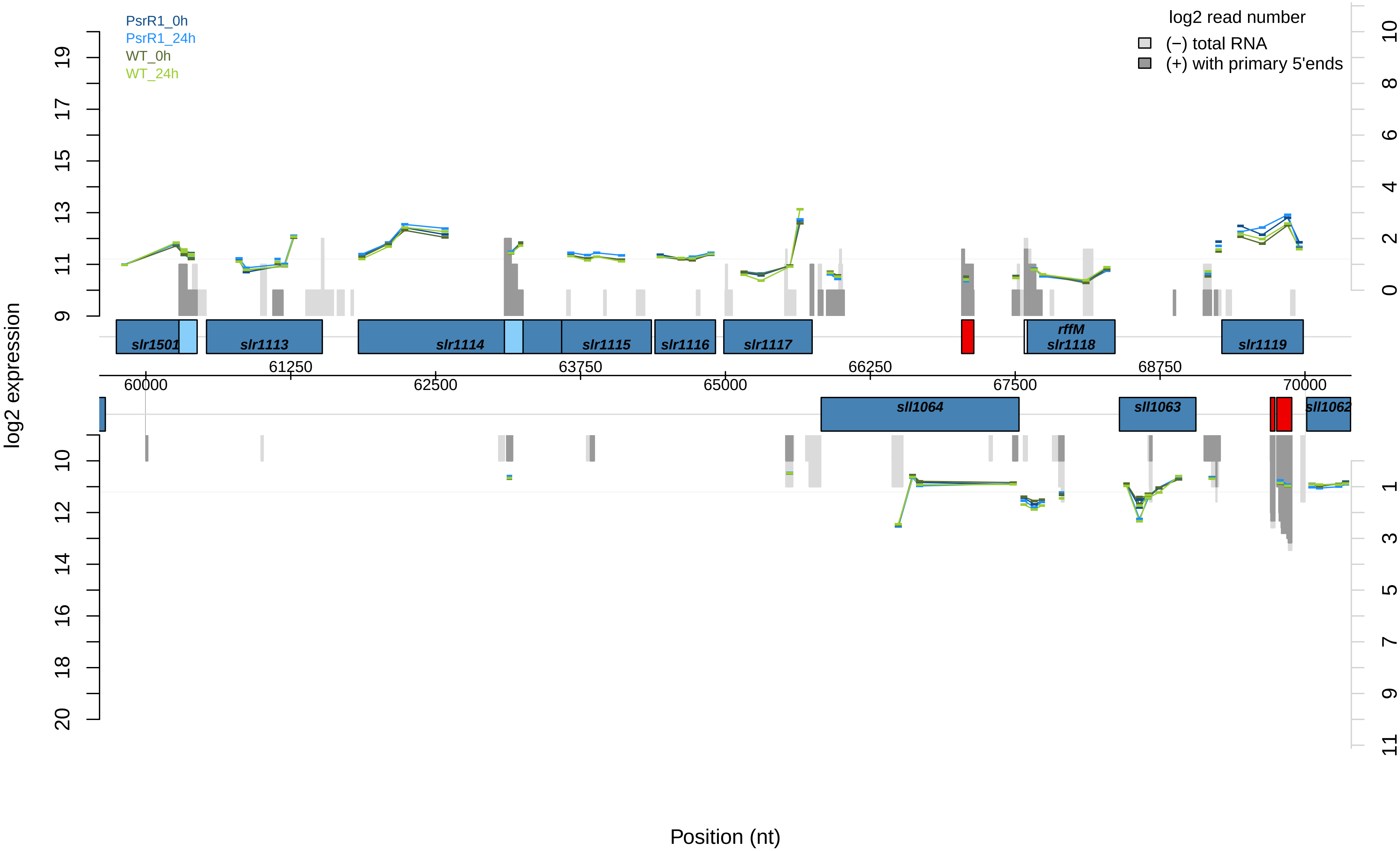
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(+) with primary 5'ends
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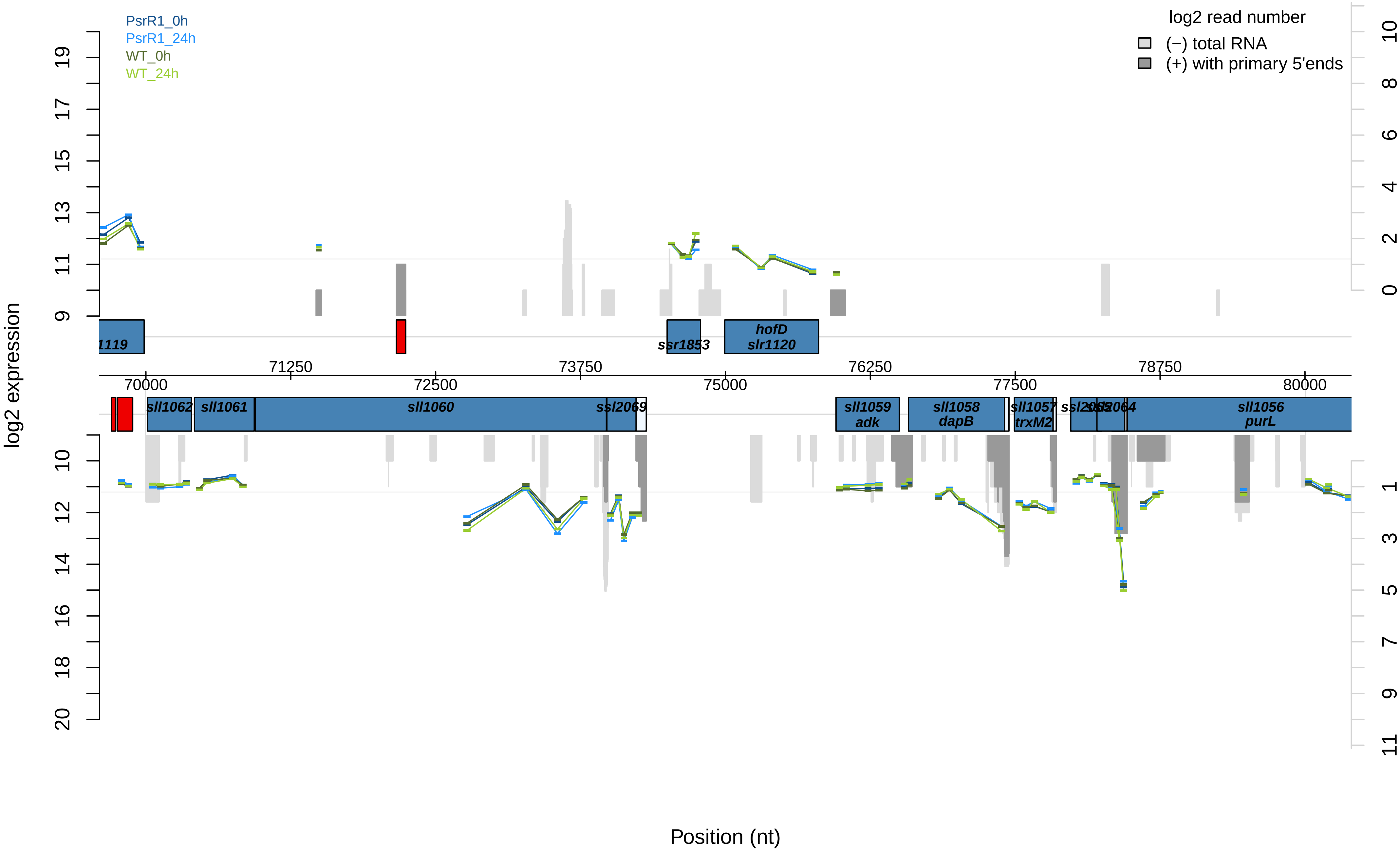
Position (nt)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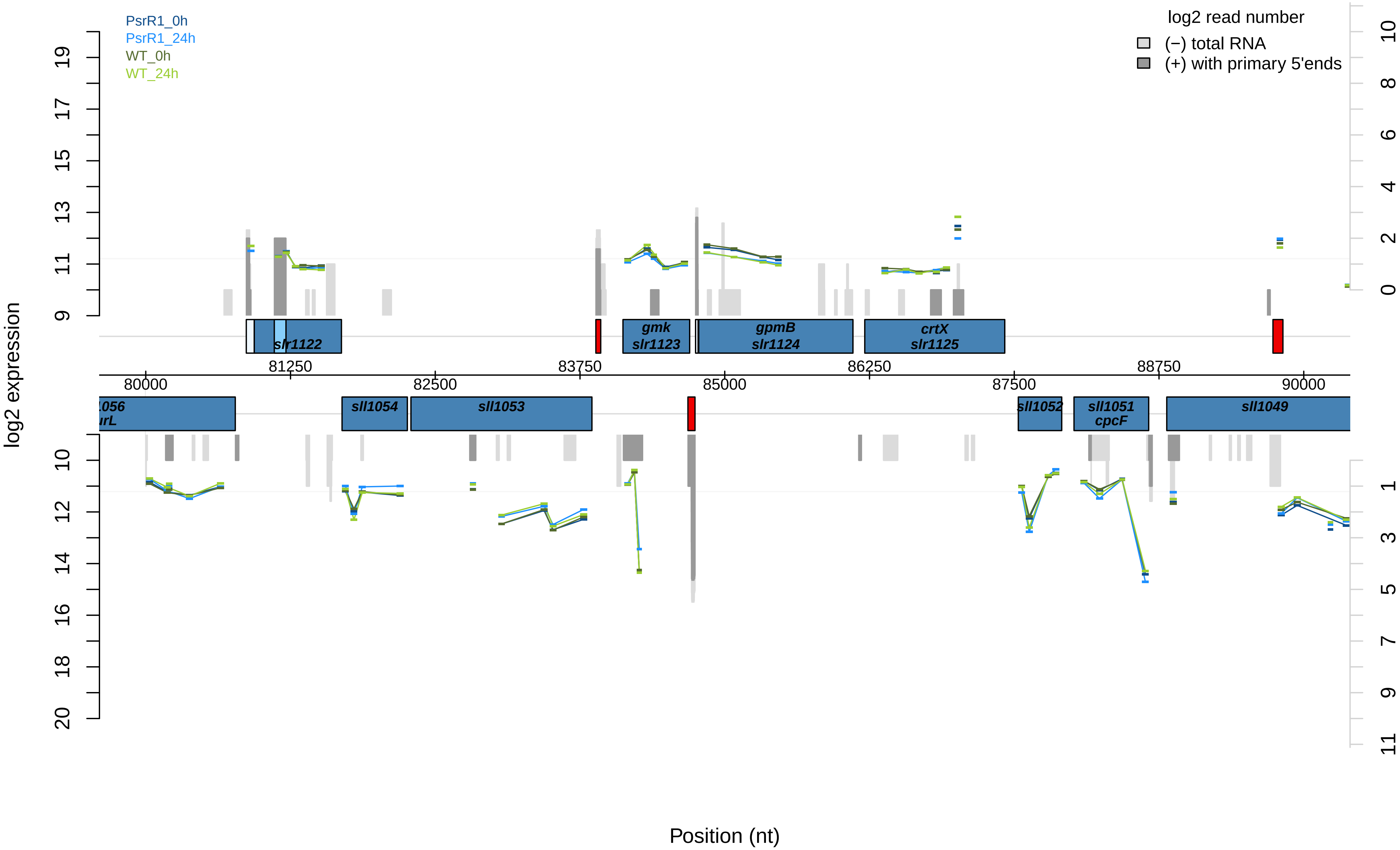
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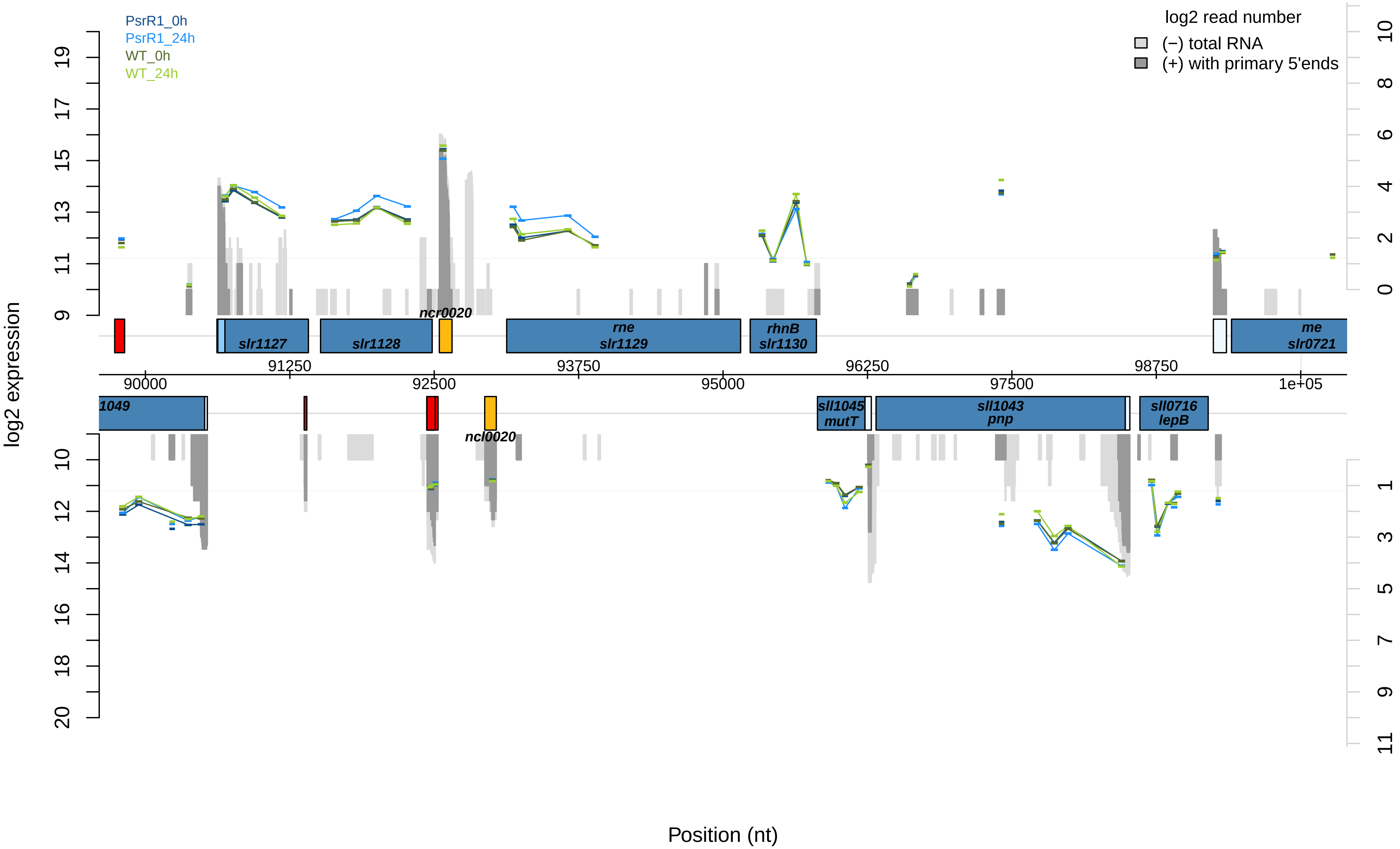
Position (nt)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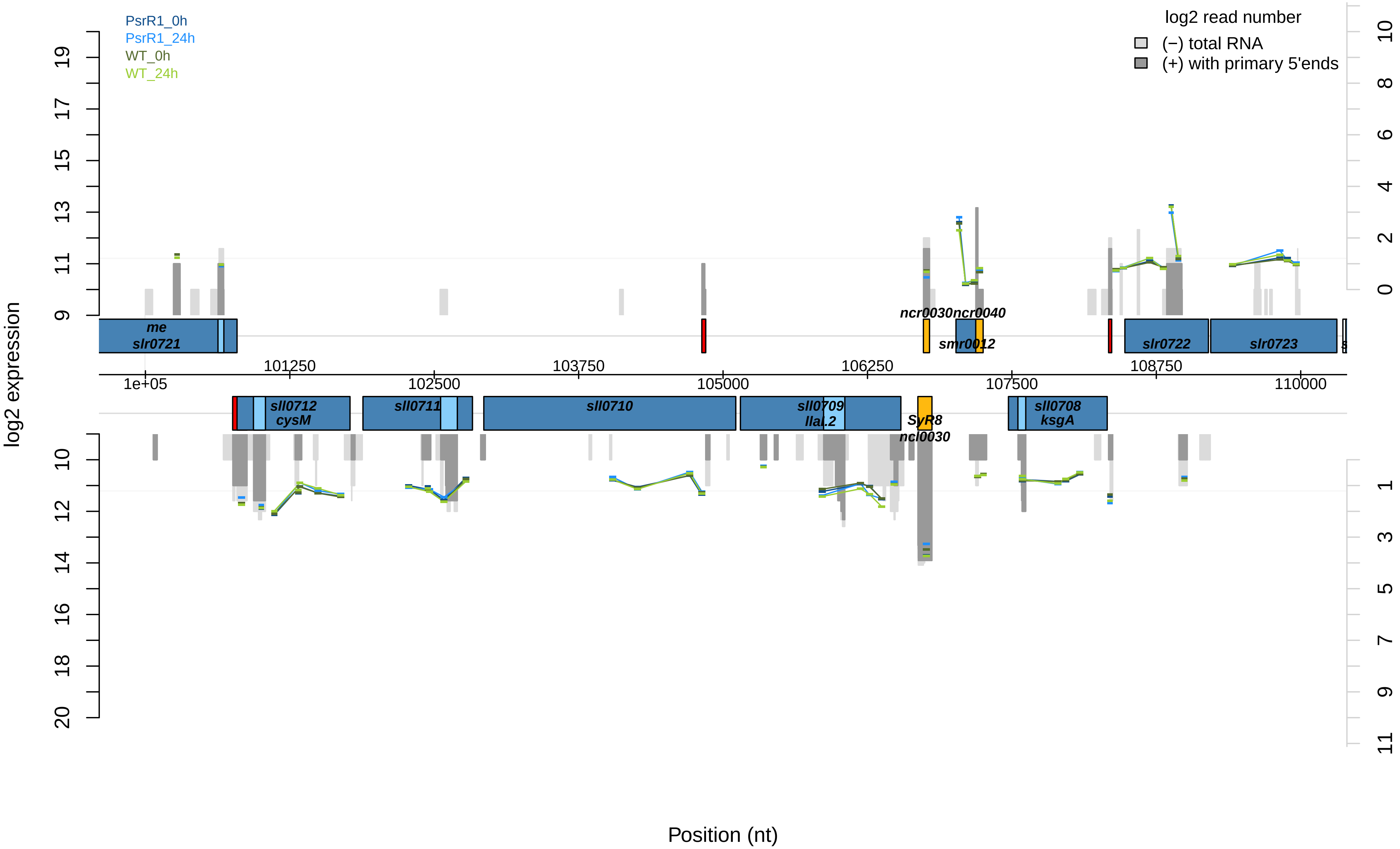
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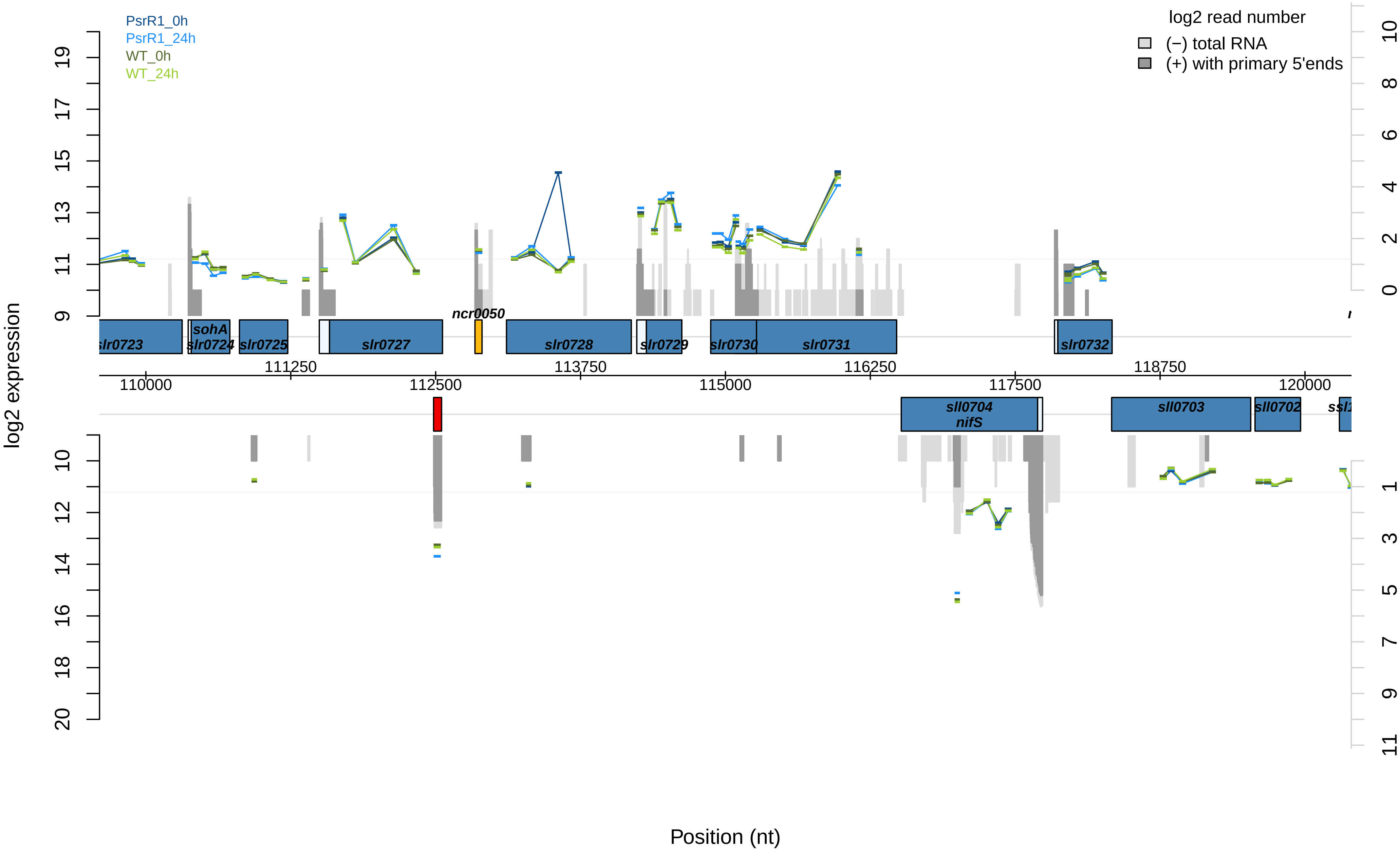
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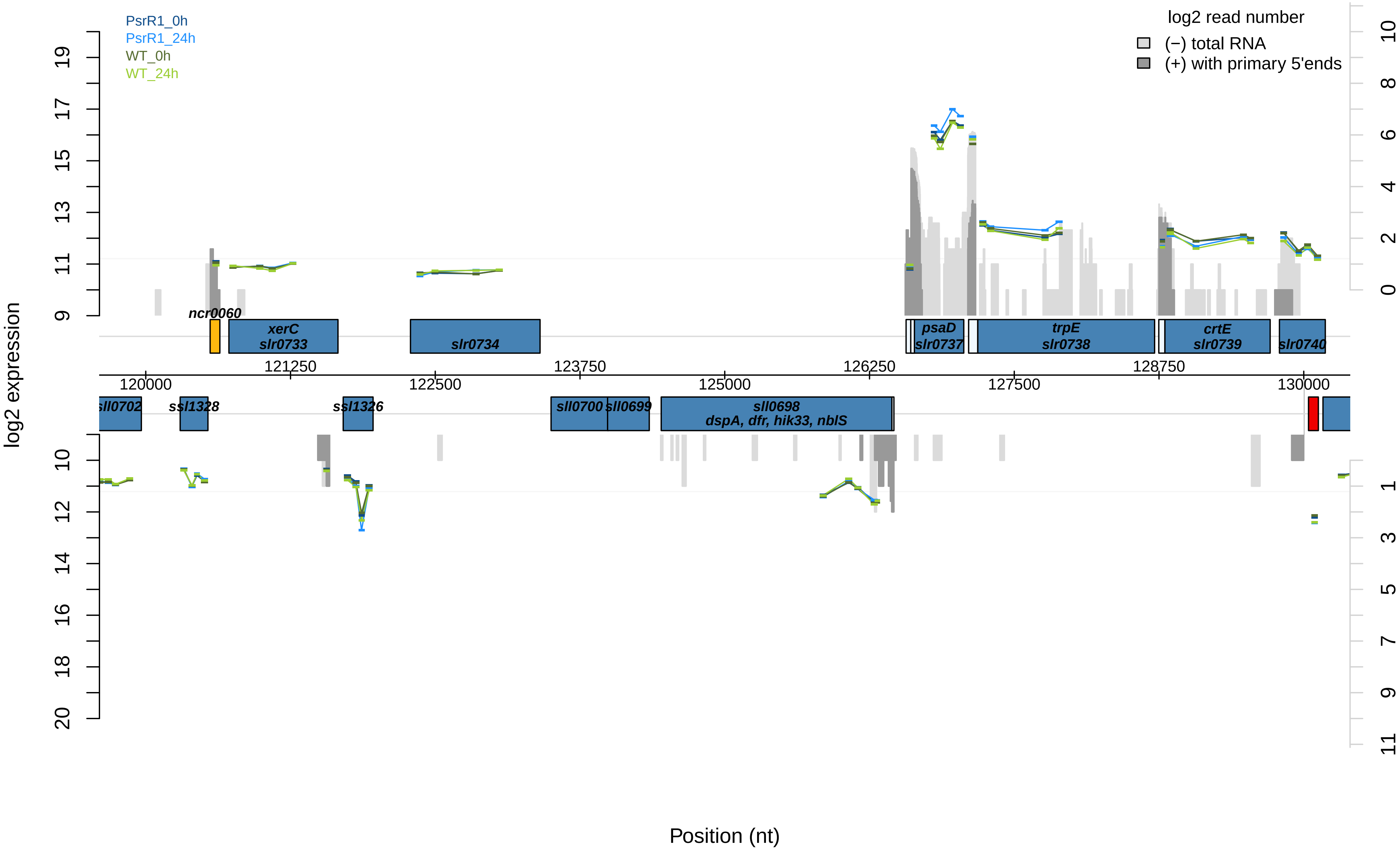
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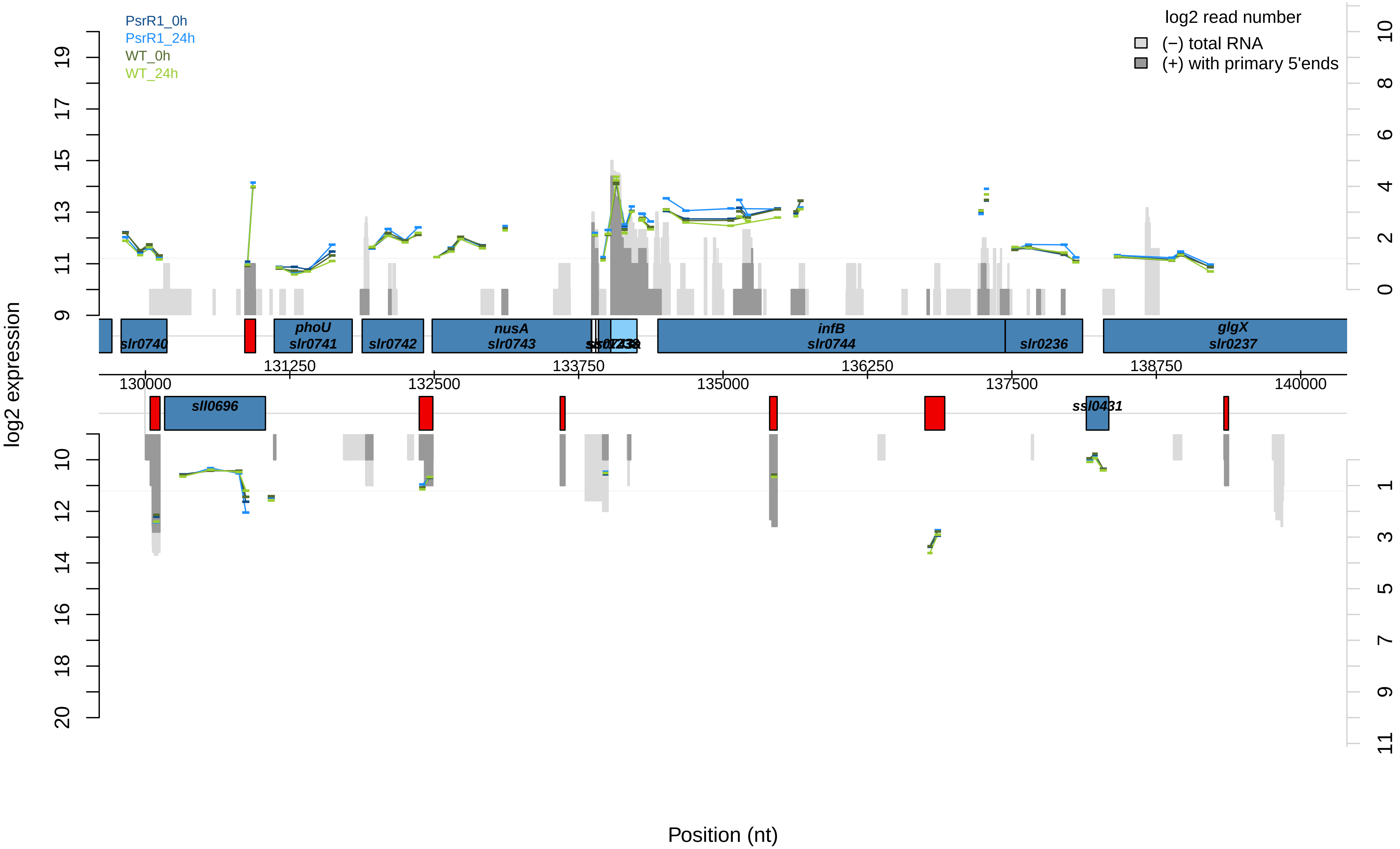
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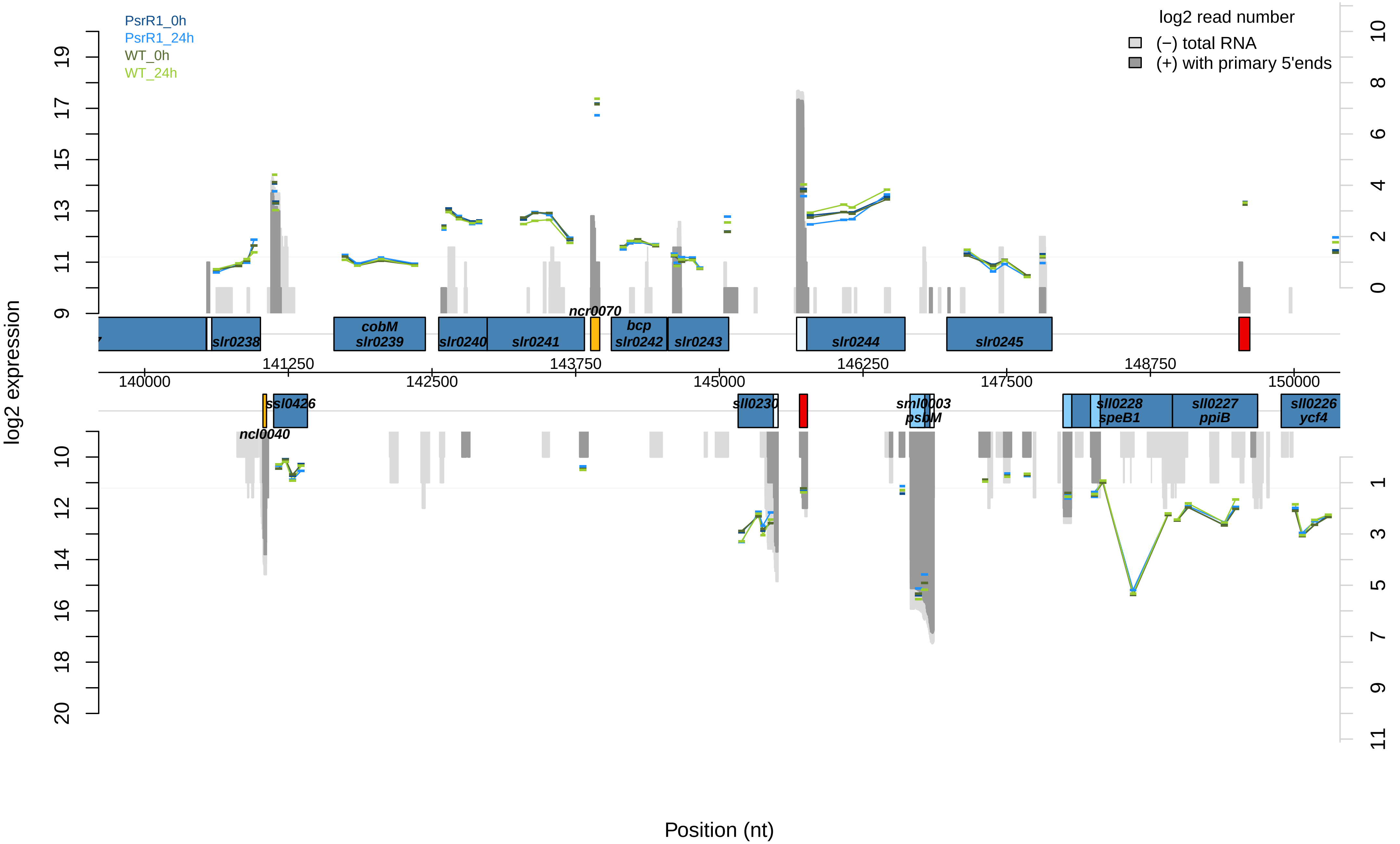
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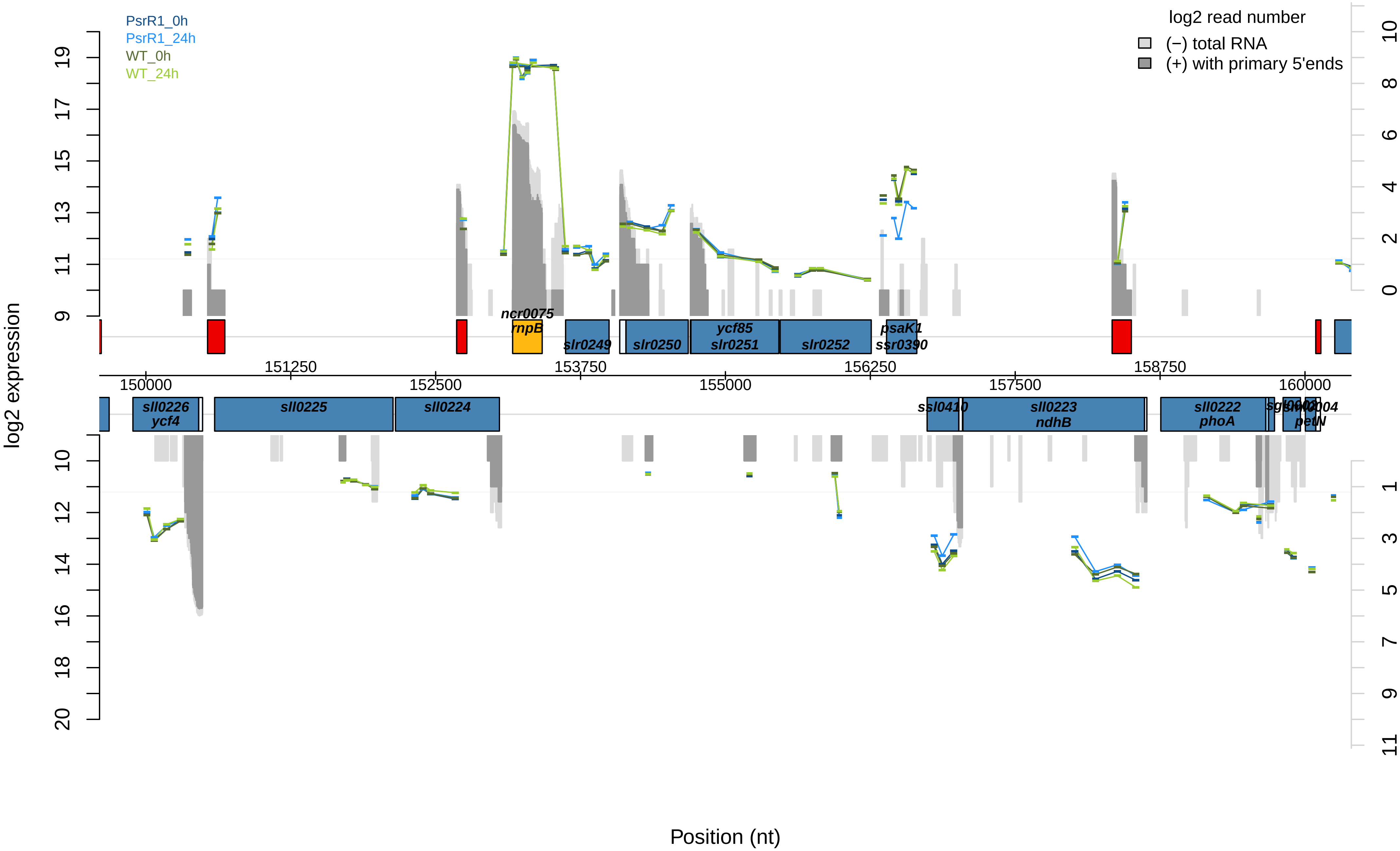
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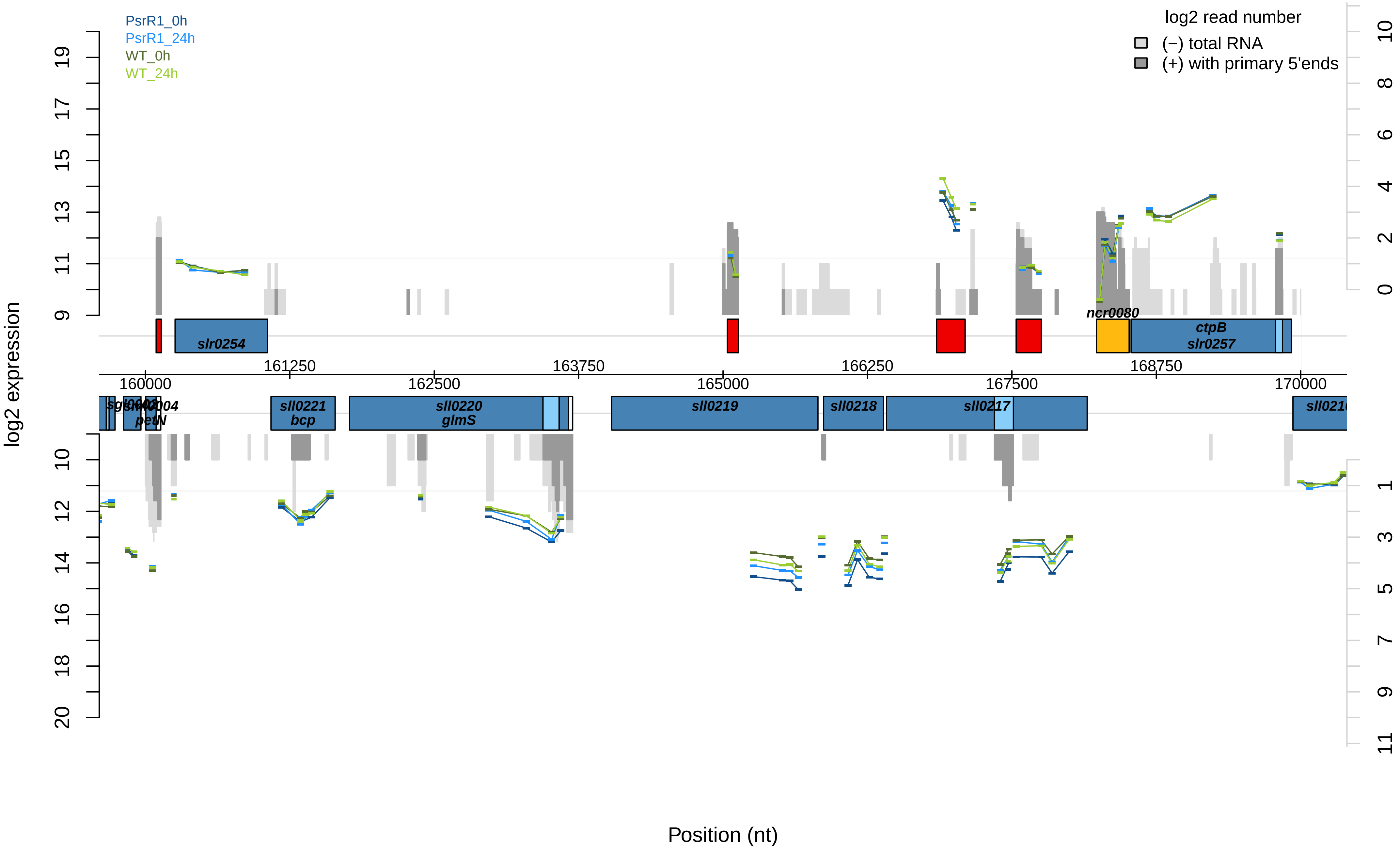
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WT_24h
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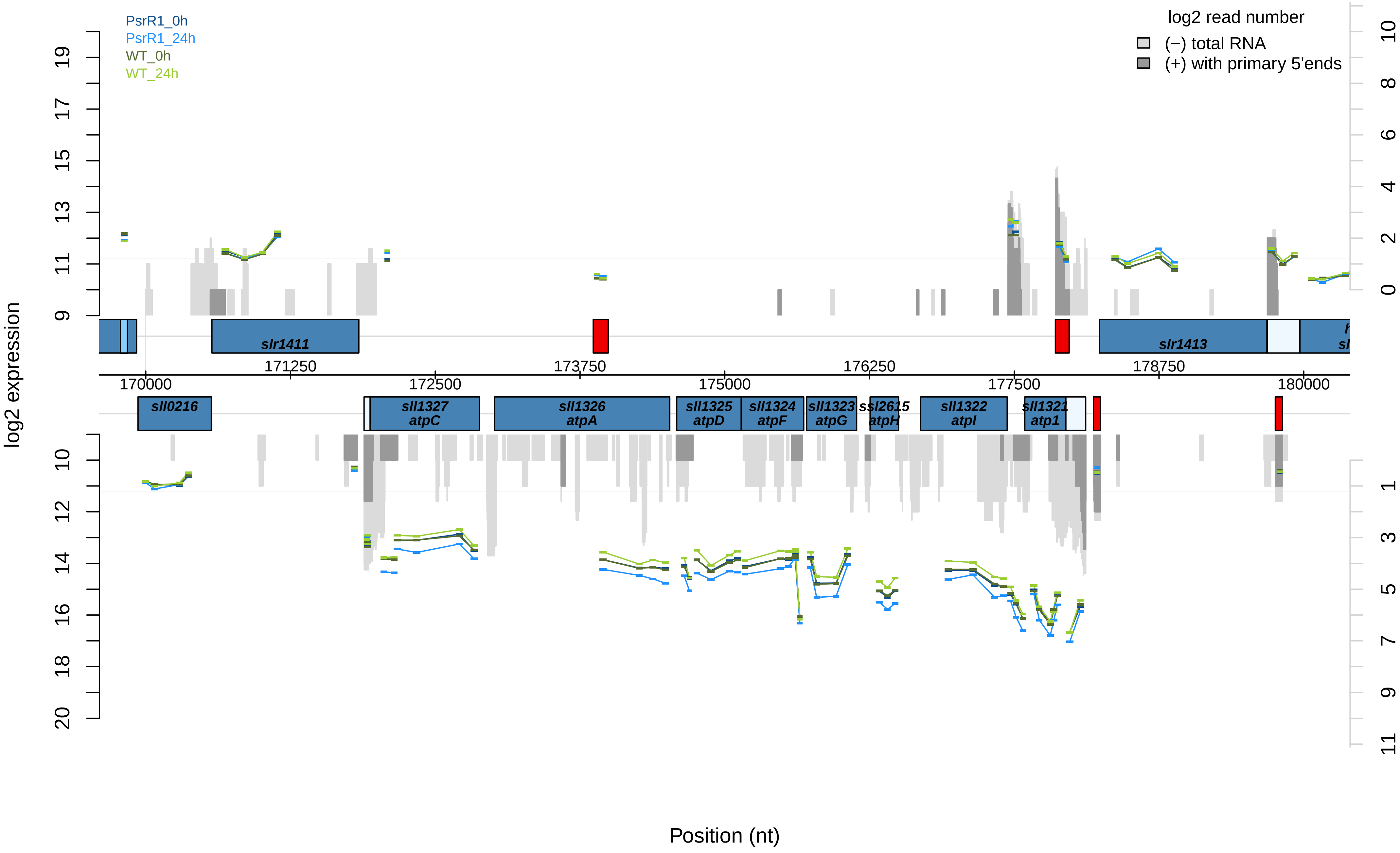
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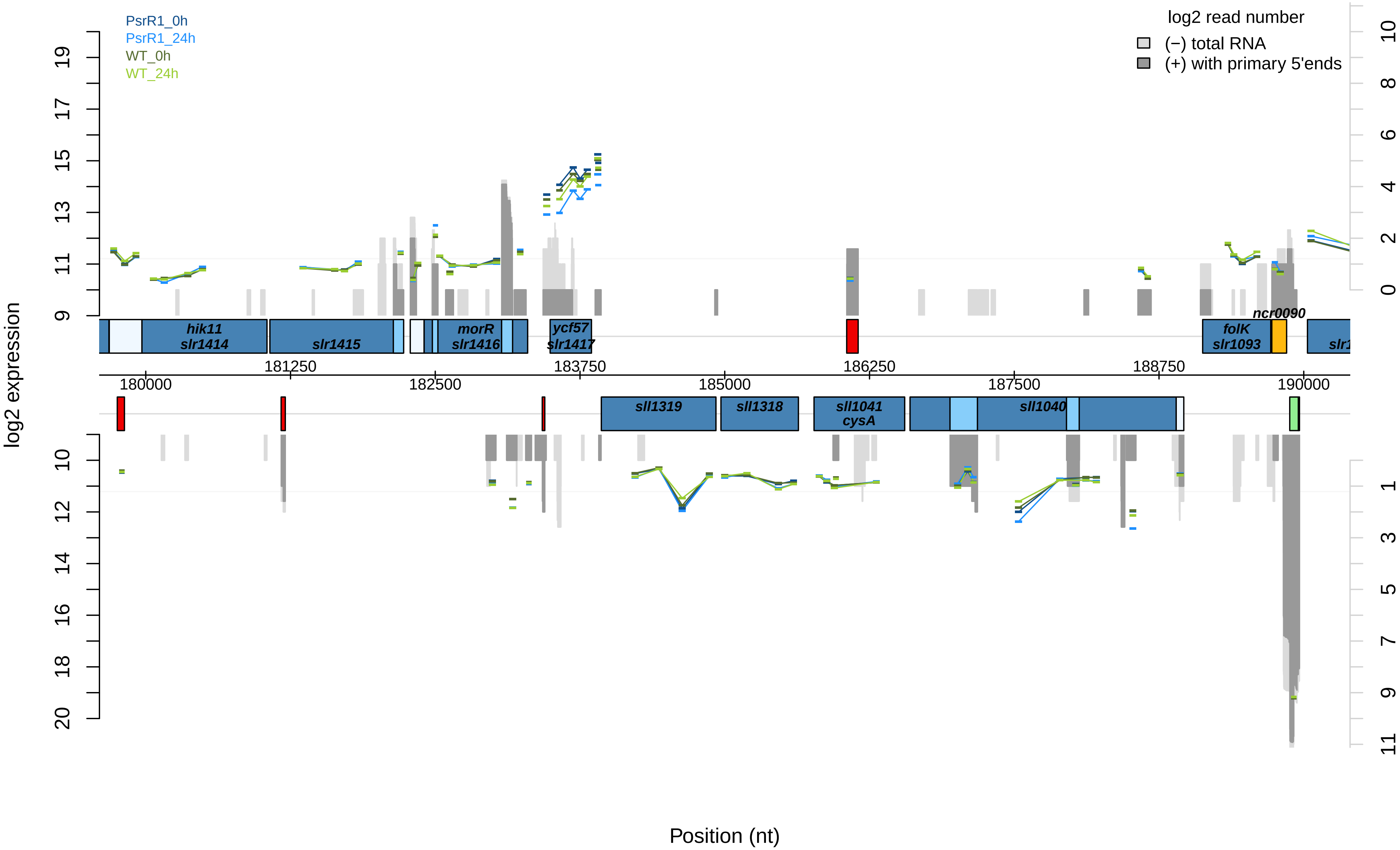
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log2 expression
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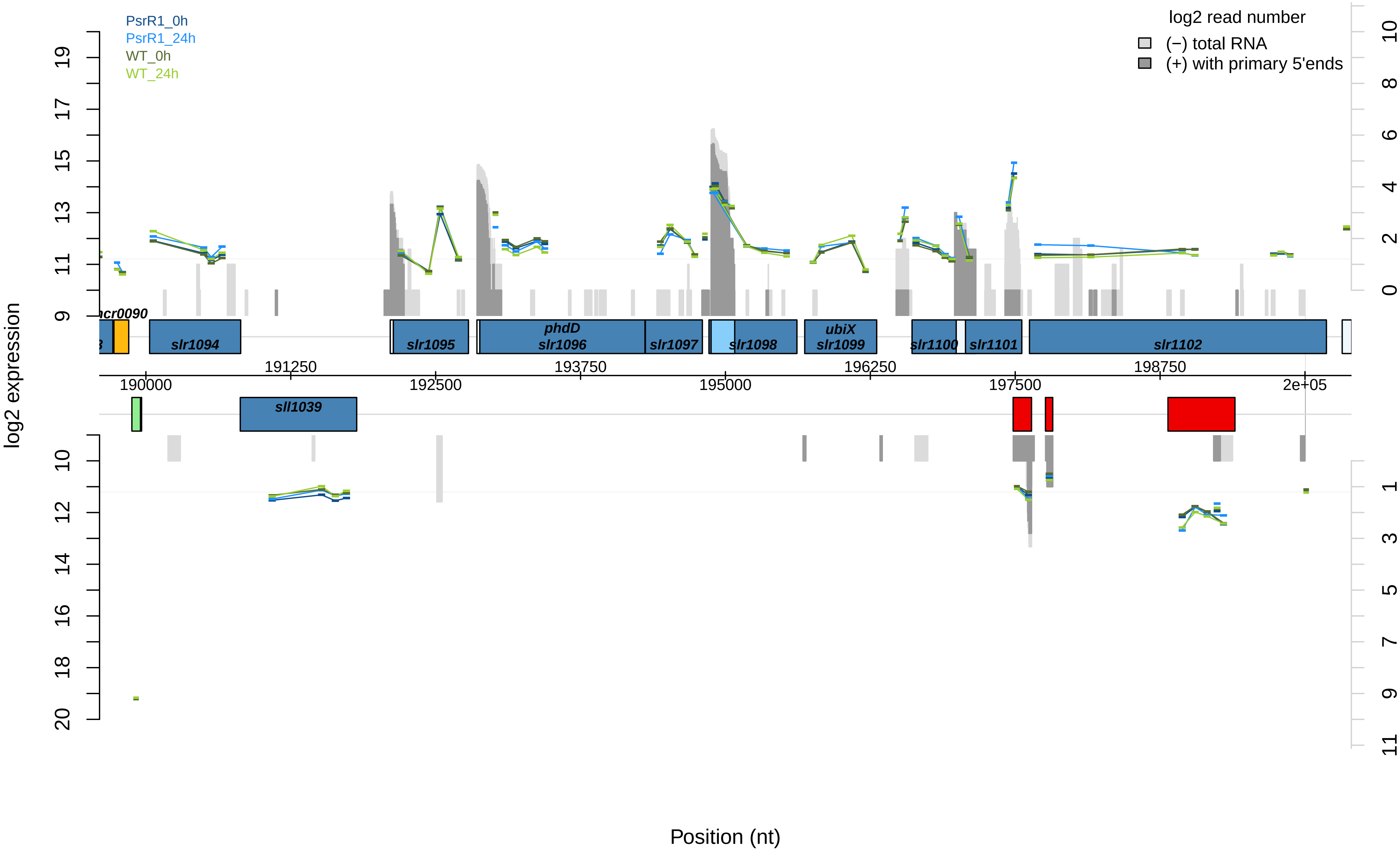
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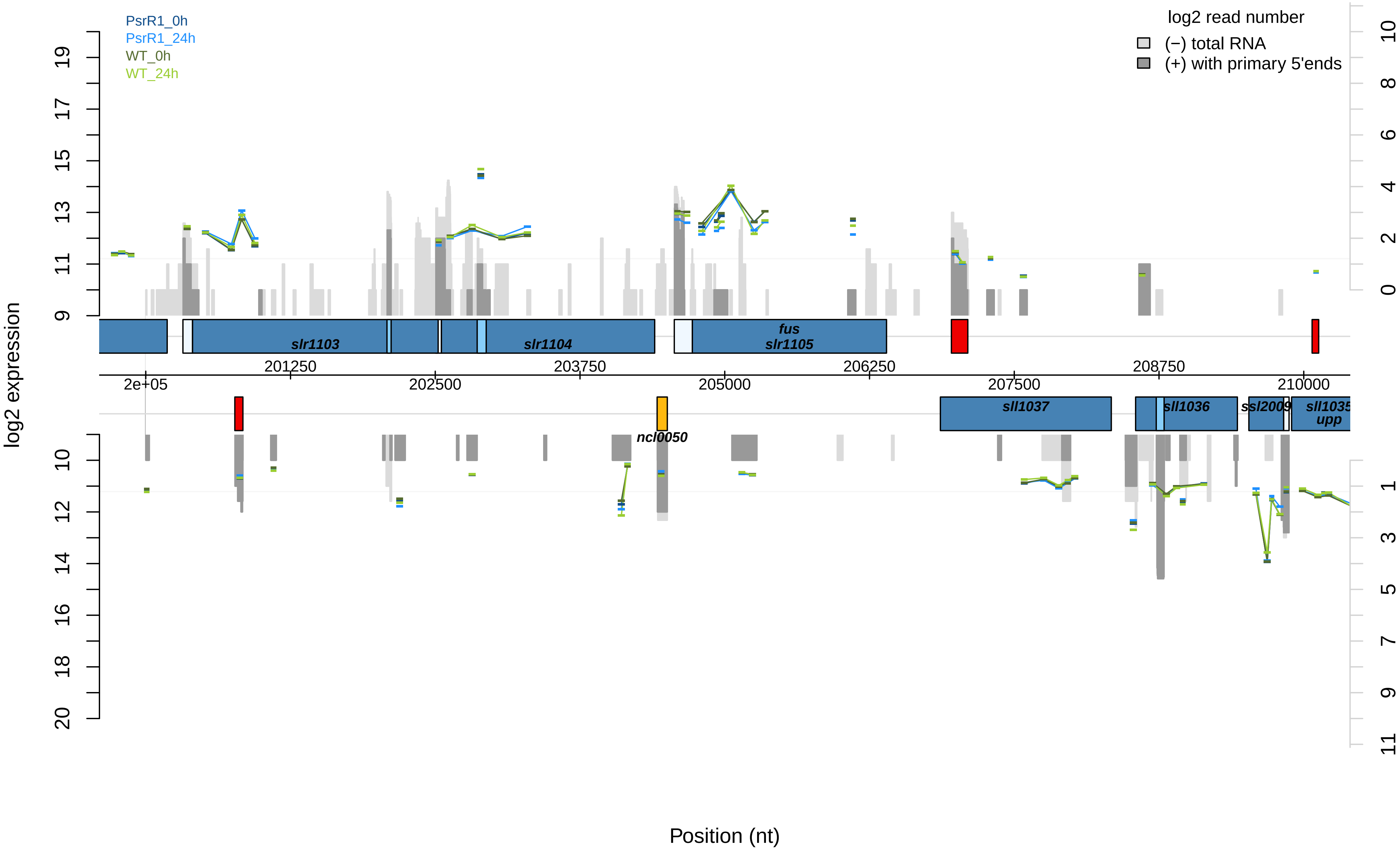
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WT_24h
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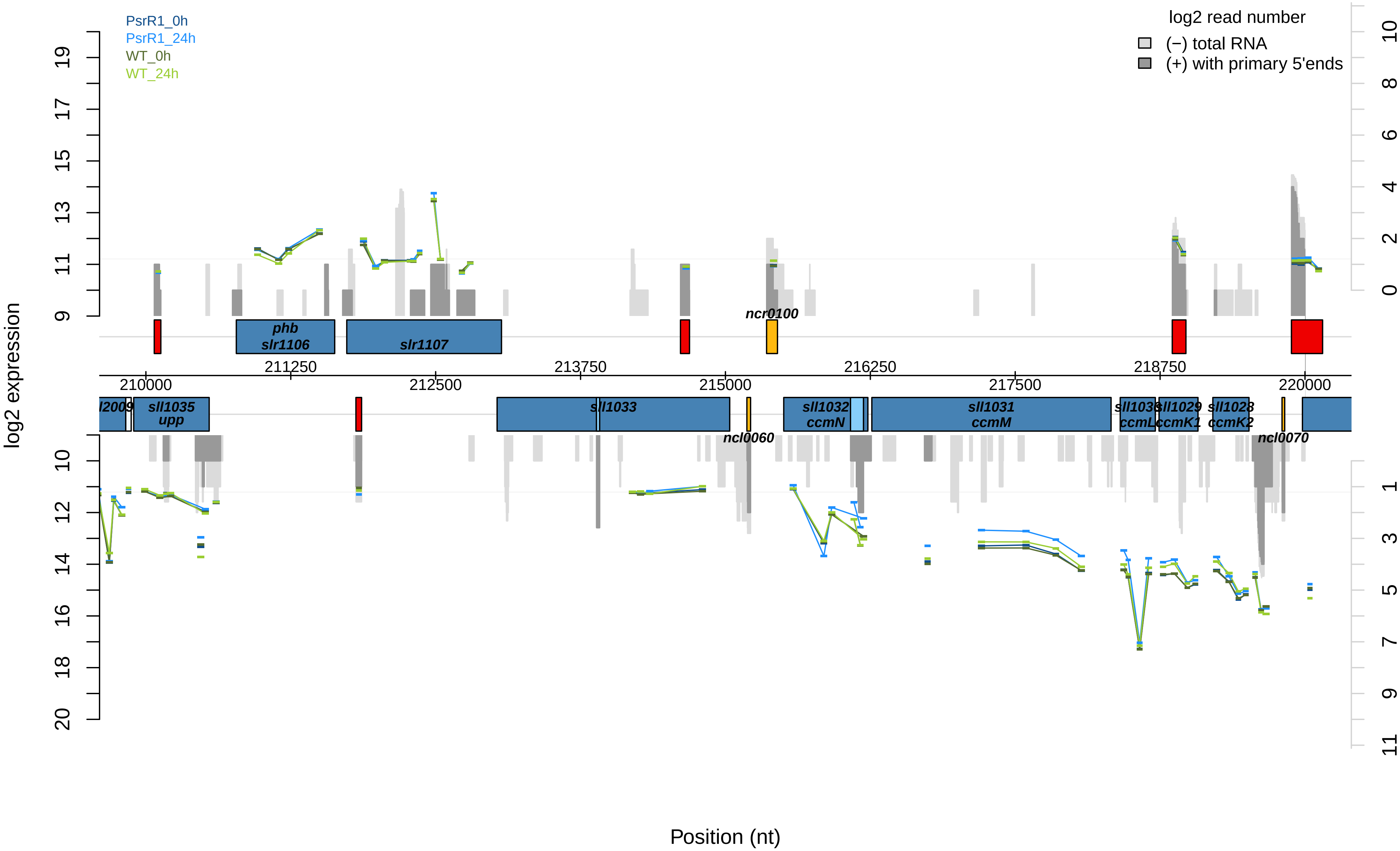
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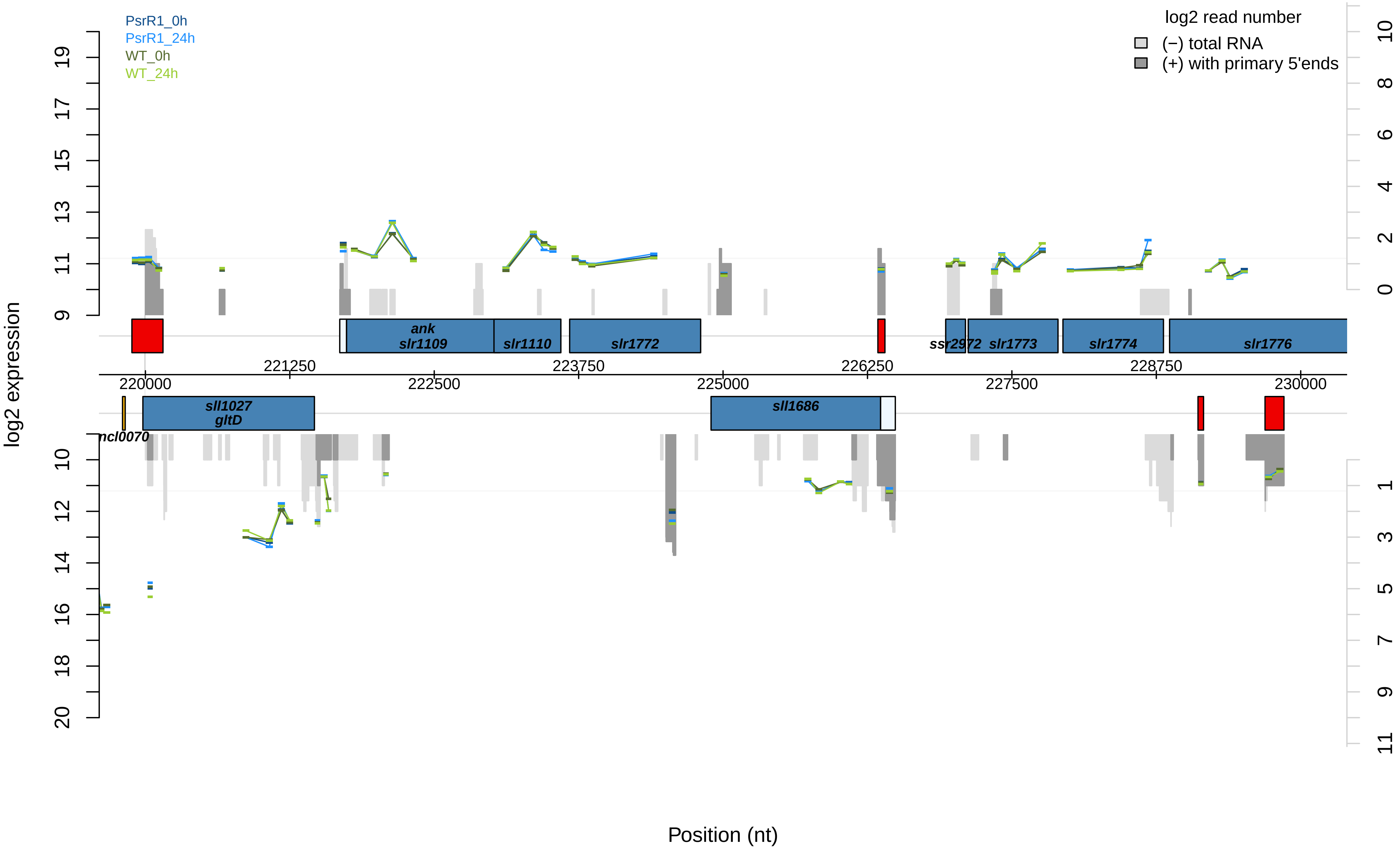
ncl0070
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
ank
slr1109
slr1110
slr1772
ssr2972
slr1773
slr1774
slr1776
sll1027
gltD
ncl0070
sll1686
220000
221250
222500
223750
225000
226250
227500
228750
230000
9
11
13
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5
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9
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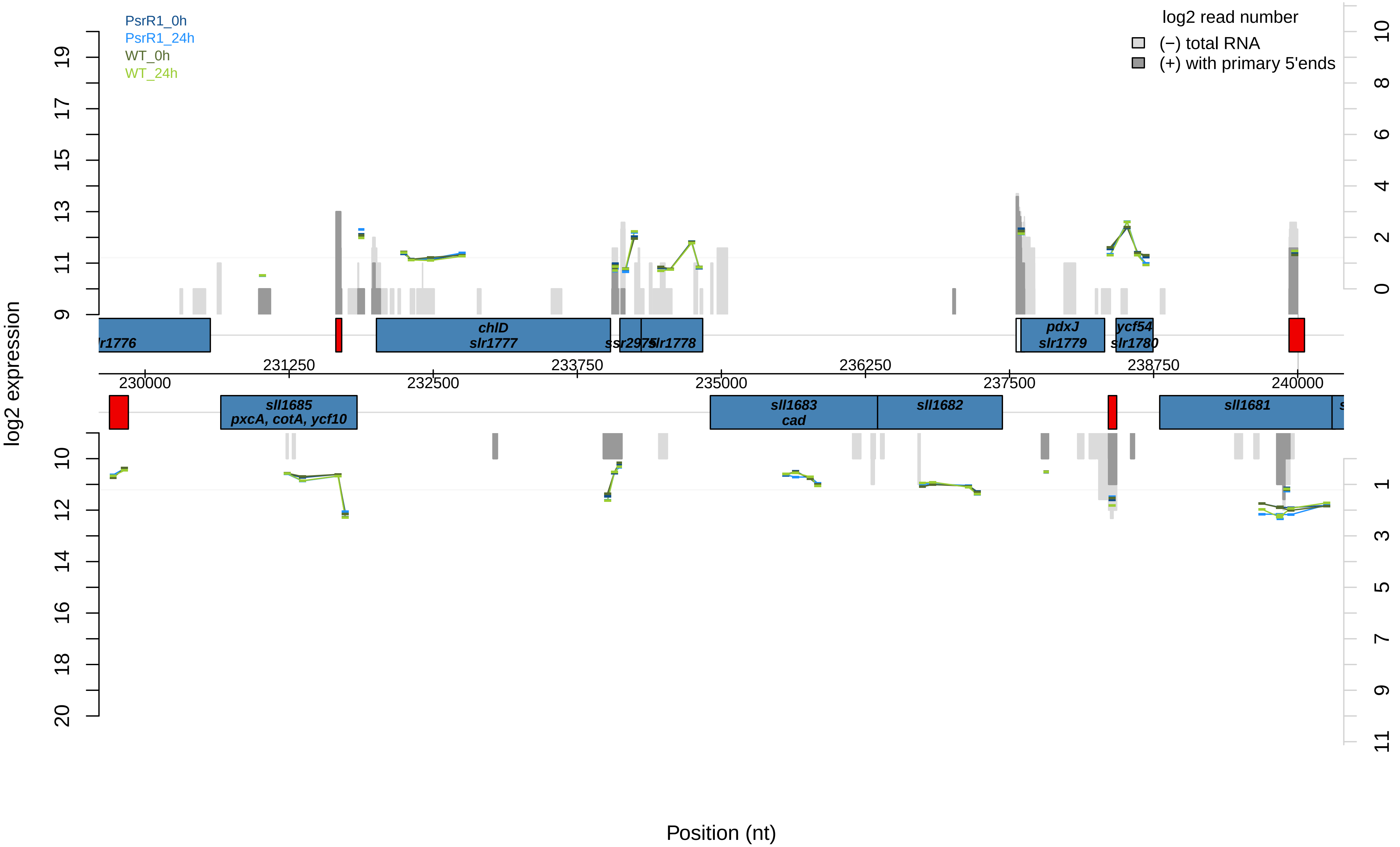
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
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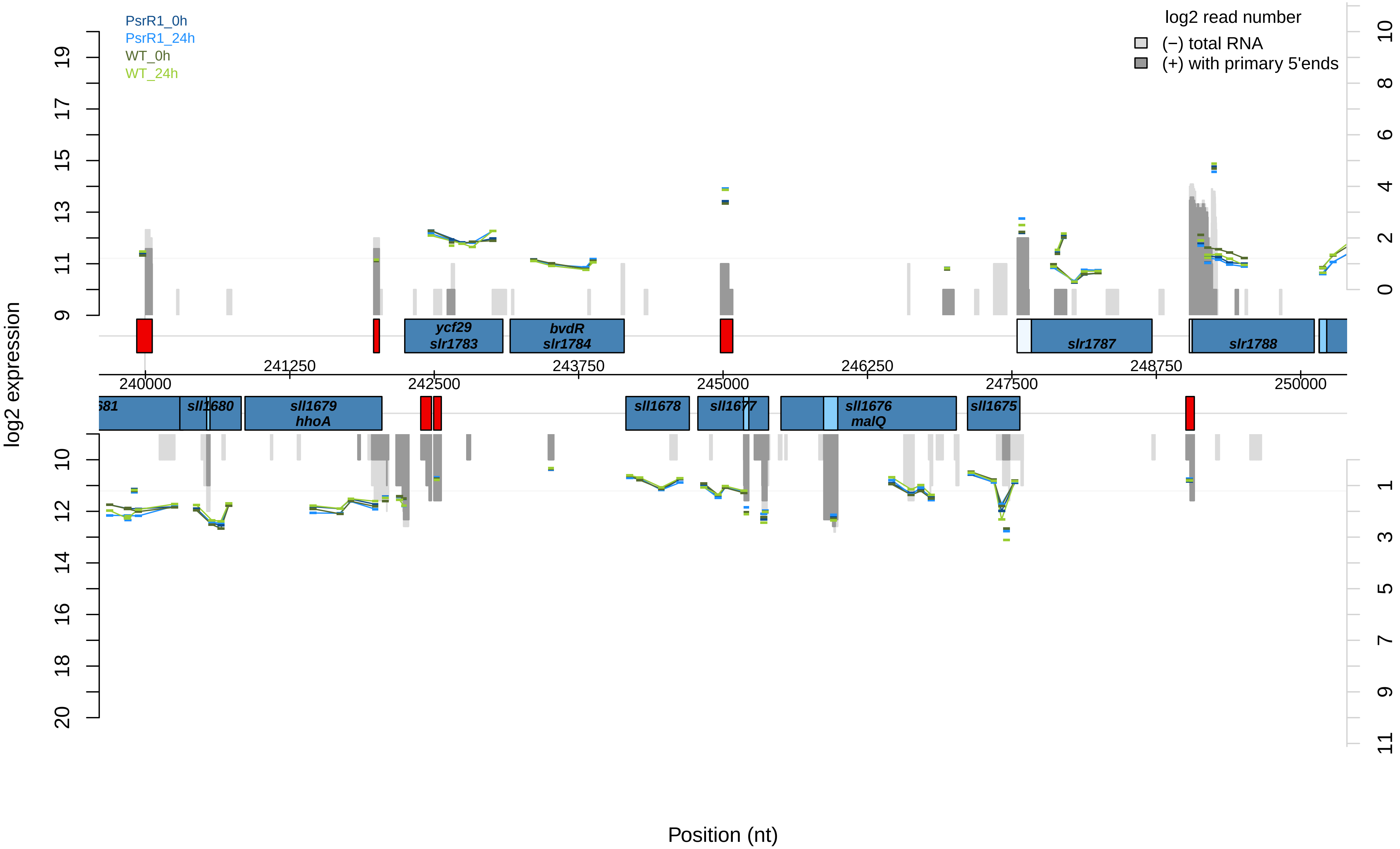
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
lr1776
chlD
slr1777
ssr2975
slr1778
pdxJ
slr1779
ycf54
slr1780
231250
233750
236250
238750
230000
232500
235000
237500
240000
sll1685
pxcA, cotA, ycf10
sll1683
cad
sll1682
sll1681
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
ycf29
slr1783
bvdR
slr1784
slr1787
slr1788
581
sll1680
sll1679
hhoA
sll1678
sll1677
sll1676
malQ
sll1675
240000
241250
242500
243750
245000
246250
247500
248750
250000
9
11
13
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17
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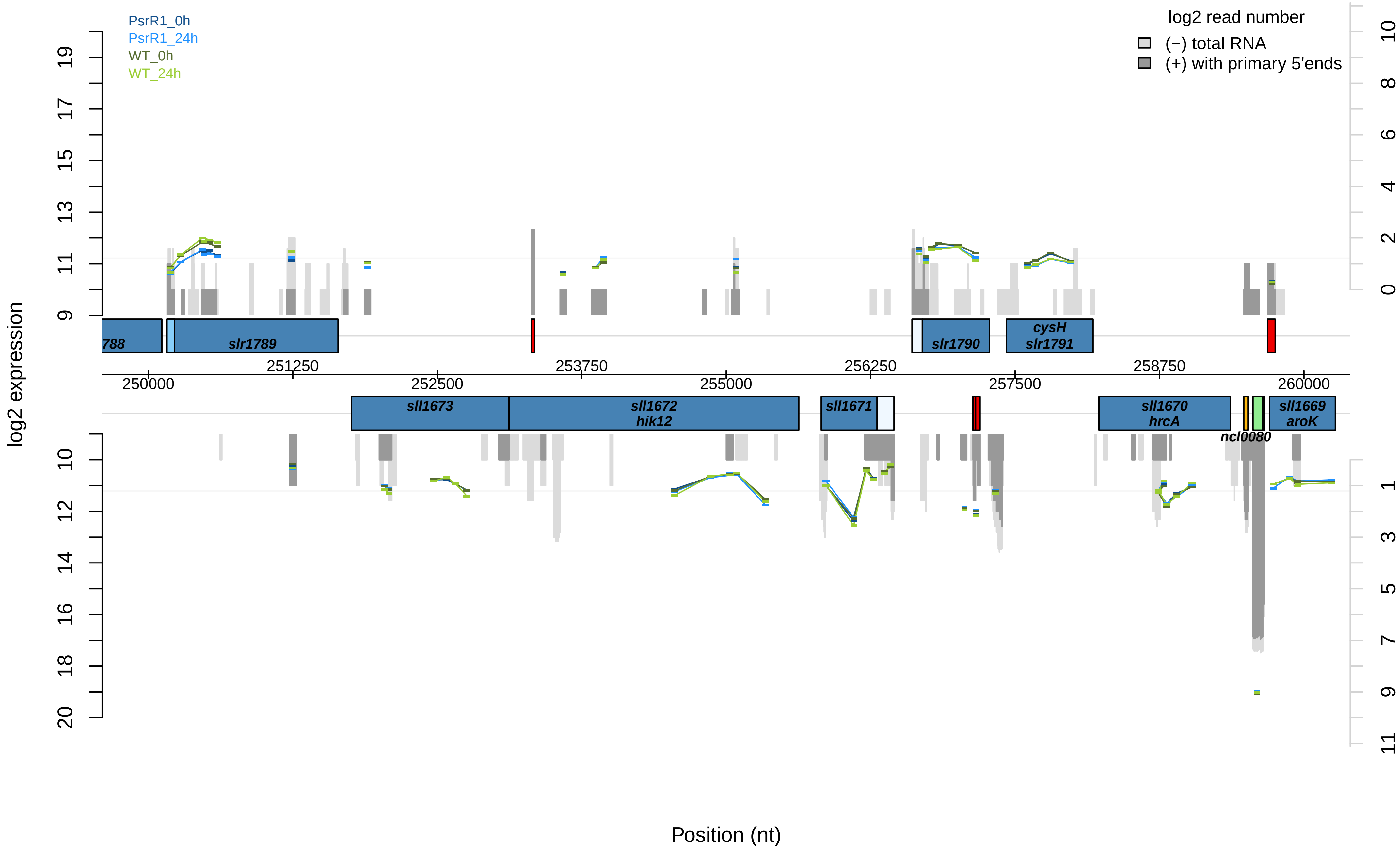
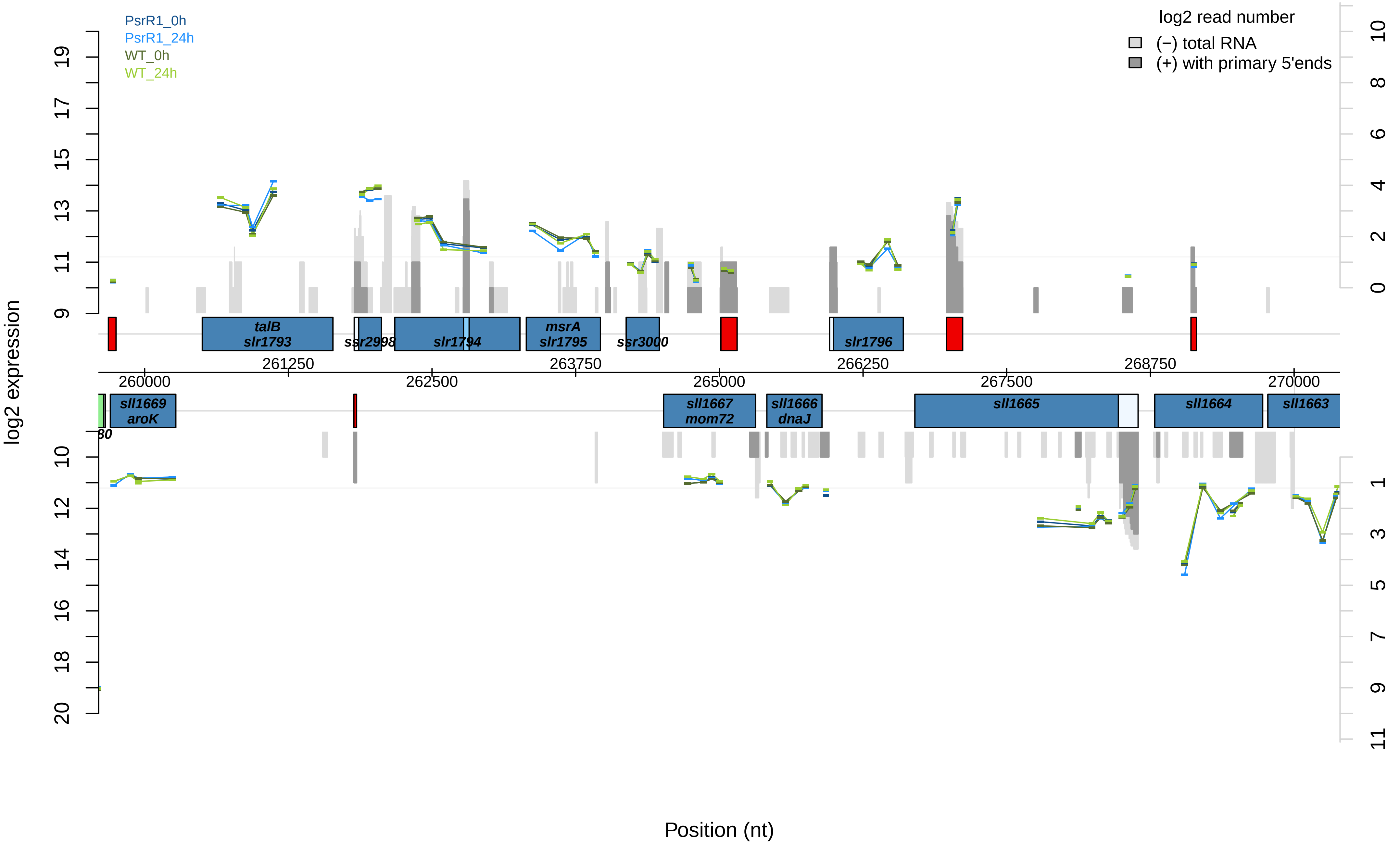
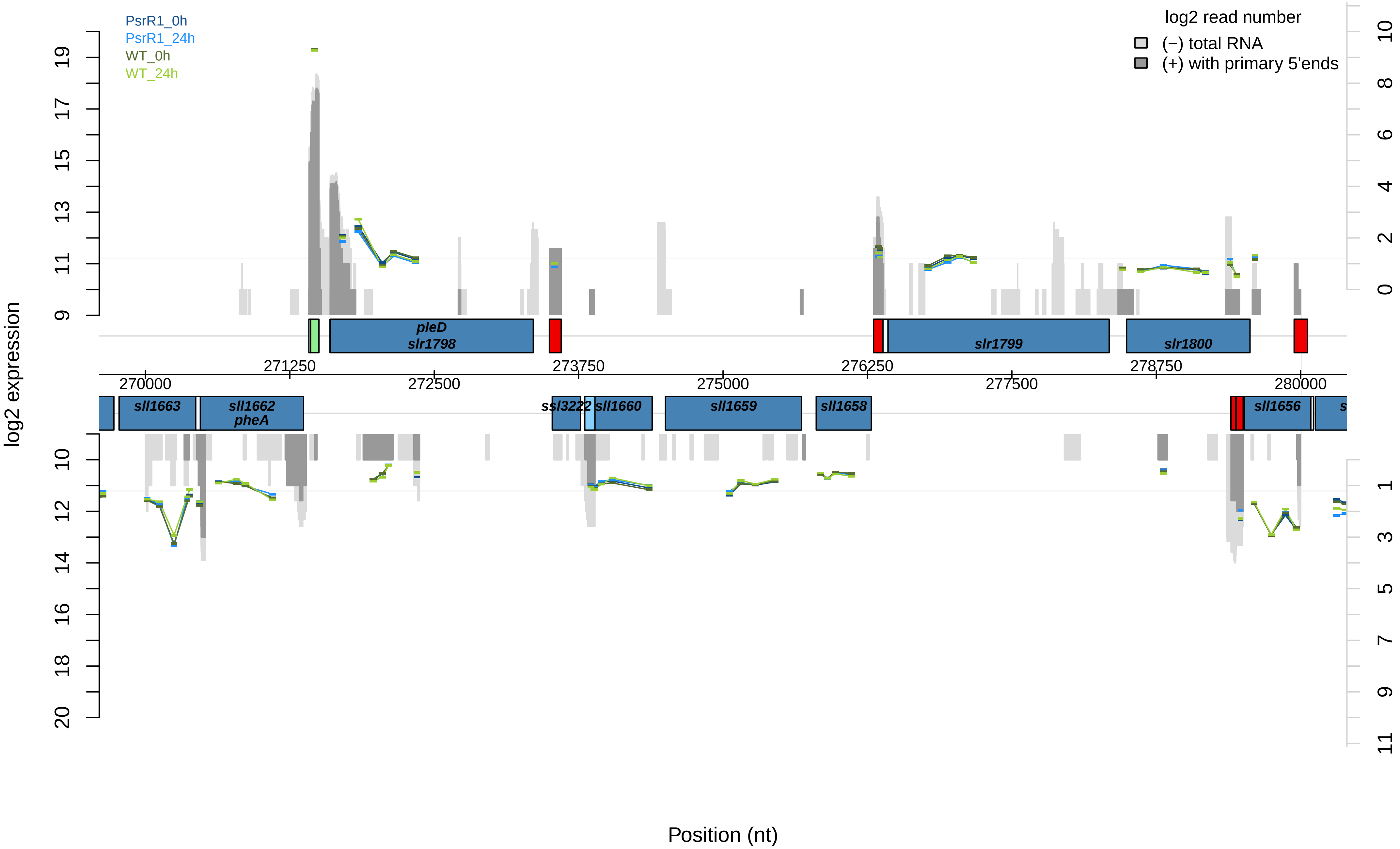
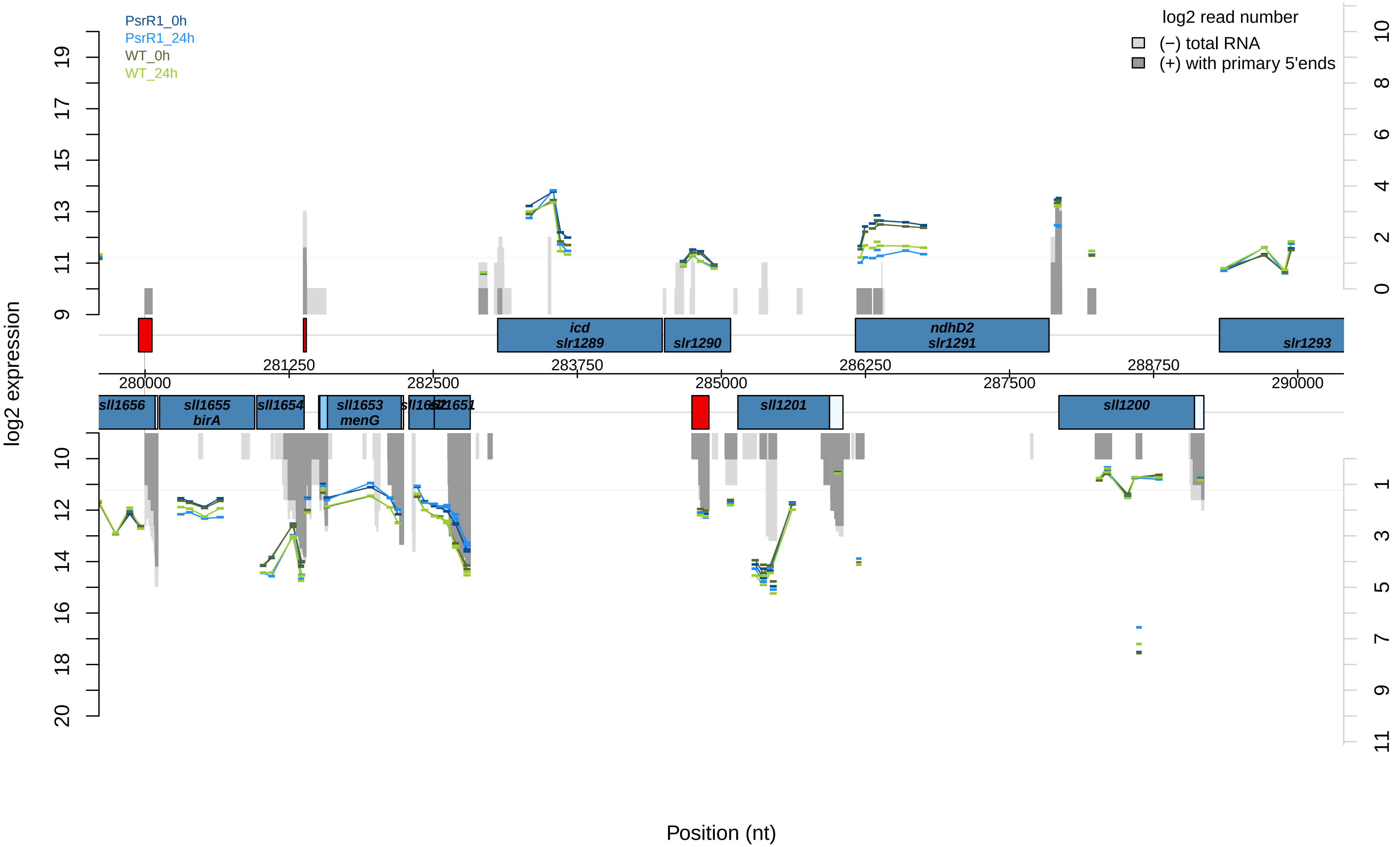
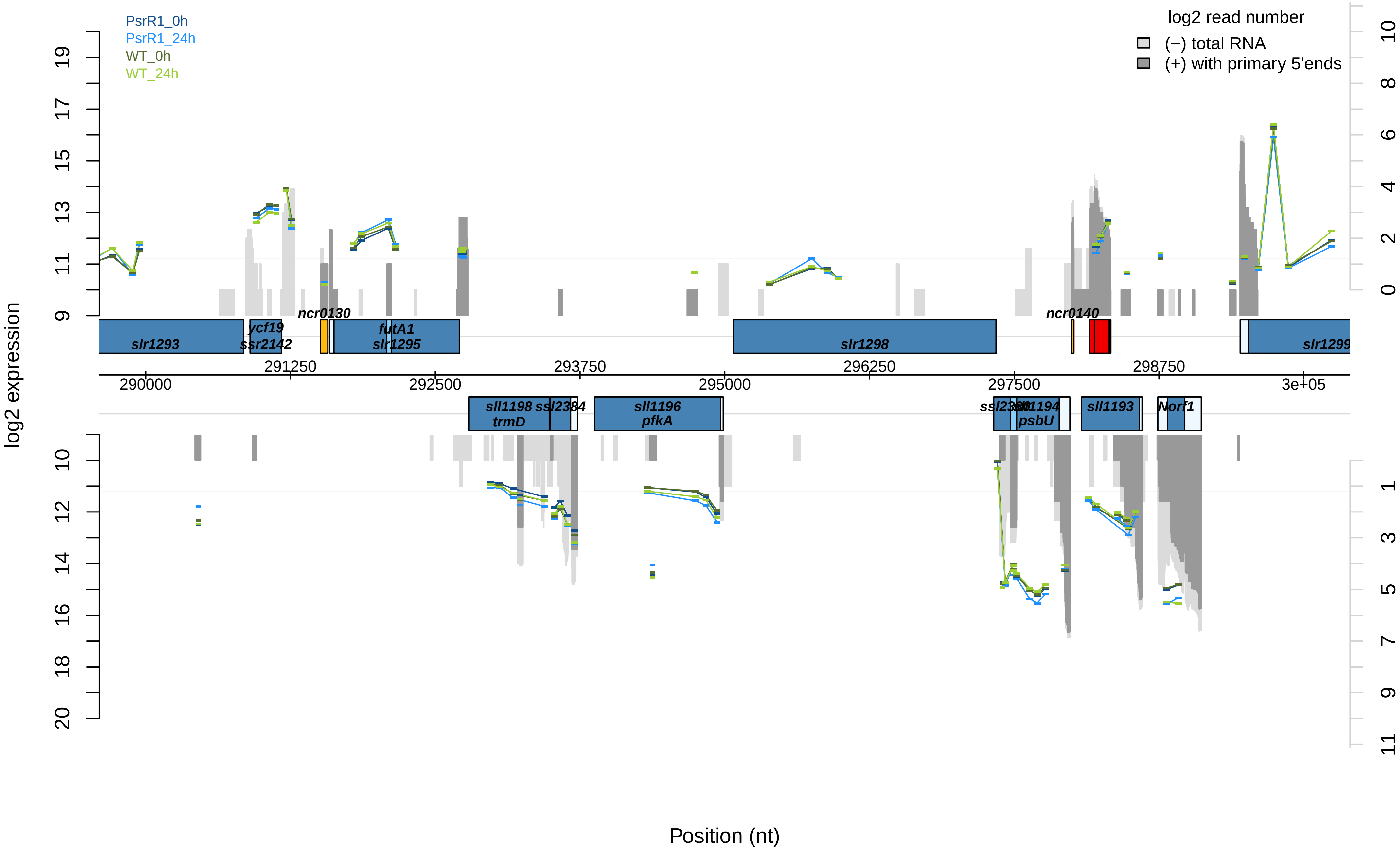
8
10
1
3
5
7
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
788
slr1789
slr1790
cysH
slr1791
251250
253750
256250
258750
250000
252500
255000
257500
260000
sll1673
sll1672
hik12
sll1671
sll1670
hrcA
ncl0080
sll1669
aroK
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
talB
slr1793
ssr2998
slr1794
msrA
slr1795
ssr3000
slr1796
261250
263750
266250
268750
260000
262500
265000
267500
270000
sll1669
aroK
80
sll1667
mom72
sll1666
dnaJ
sll1665
sll1664
sll1663


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
0
2
4
6
8
10
pleD
slr1798
slr1799
slr1800
271250
273750
276250
278750
270000
272500
275000
277500
280000
sll1663
sll1662
pheA
ssl3222
sll1660
sll1659
sll1658
sll1656
s
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
icd
slr1289
slr1290
ndhD2
slr1291
slr1293
281250
283750
286250
288750
280000
282500
285000
287500
290000
sll1656
sll1655
birA
sll1654
sll1653
menG
sll1652
sll1651
sll1201
sll1200
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
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19
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18
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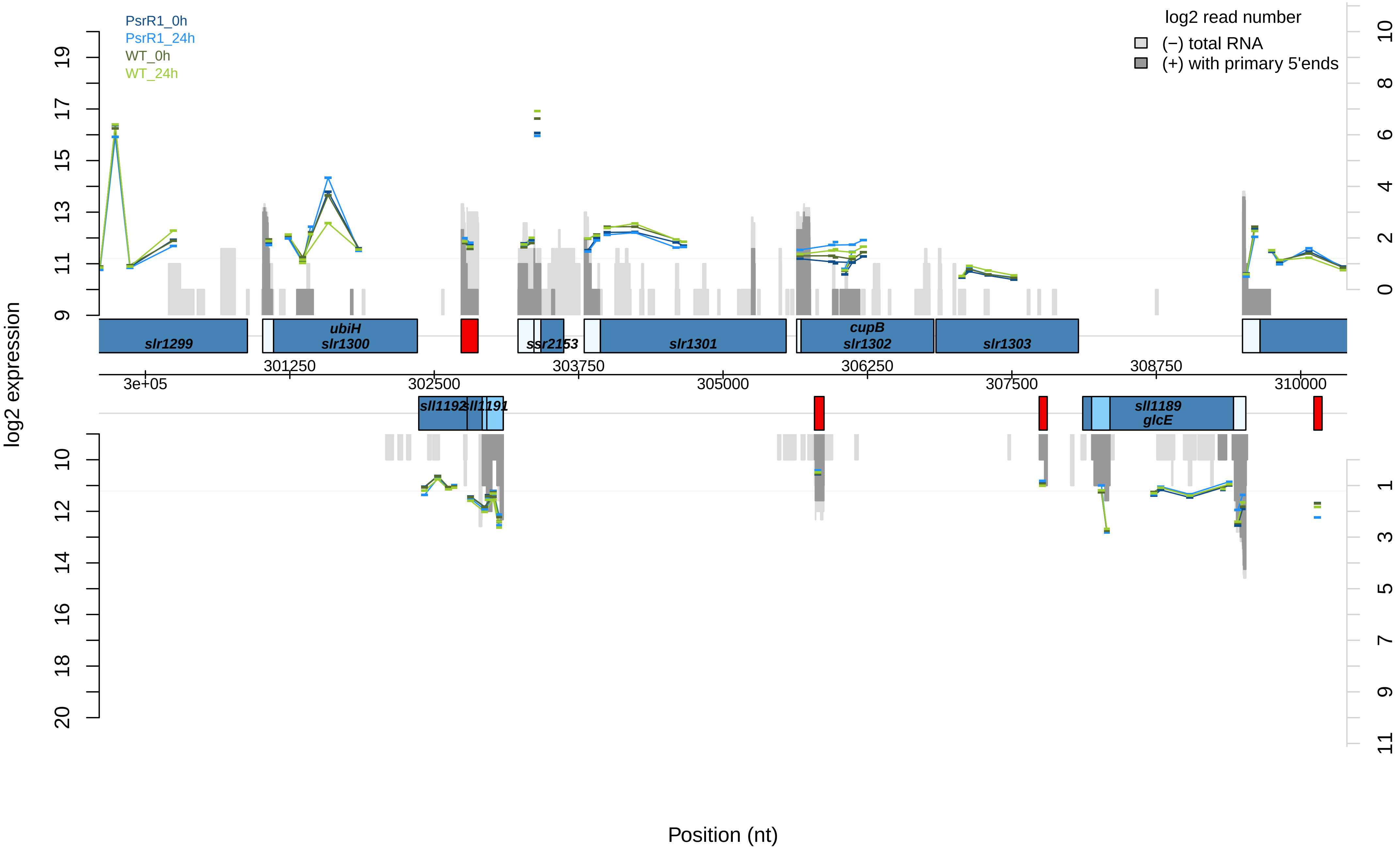
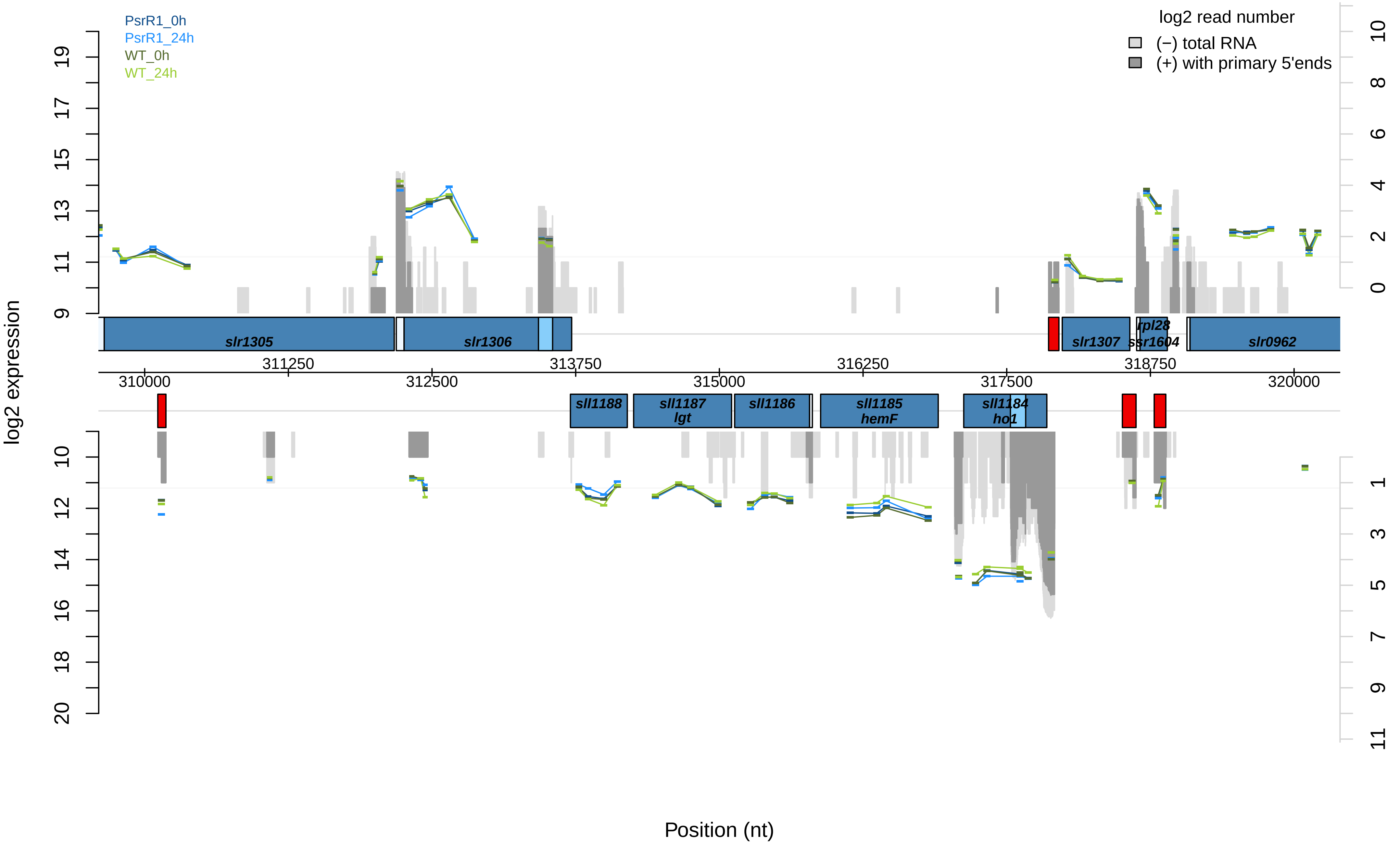
4
6
8
10
1
3
5
7
9
11
slr1293
ycf19
ssr2142
ncr0130
futA1
slr1295
slr1298
ncr0140
slr1299
291250
293750
296250
298750
290000
292500
295000
297500
3e+05
sll1198
trmD
ssl2384
sll1196
pfkA
ssl2380
sll1194
psbU
sll1193
Norf1
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr1299
ubiH
slr1300
ssr2153
slr1301
cupB
slr1302
slr1303
sll1192
sll1191
sll1189
glcE
301250
303750
306250
308750
3e+05
302500
305000
307500
310000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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18
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4
6
8
10
1
3
5
7
9
11
slr1305
slr1306
slr1307
rpl28
ssr1604
slr0962
sll1188
sll1187
lgt
sll1186
sll1185
hemF
sll1184
ho1
311250
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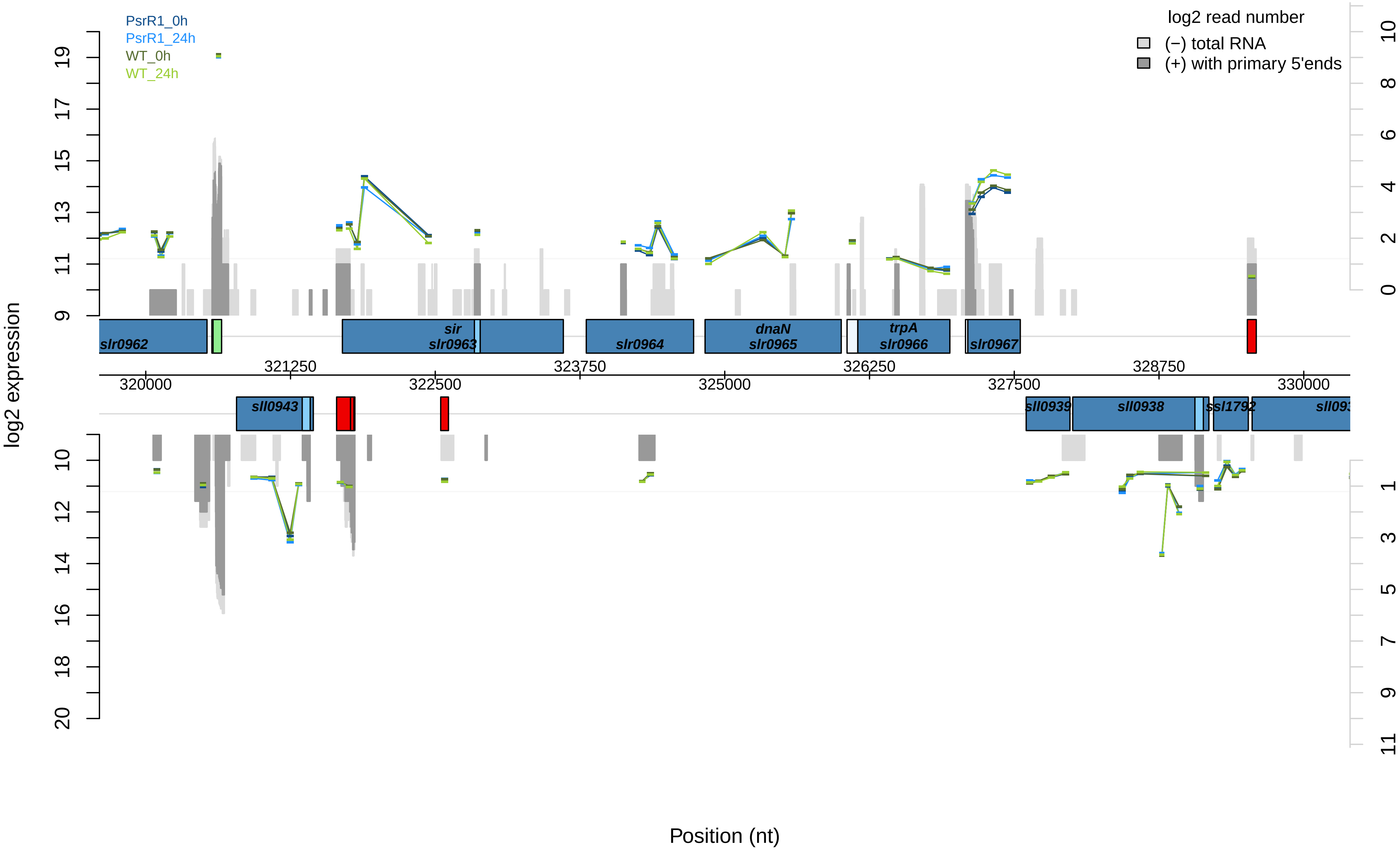
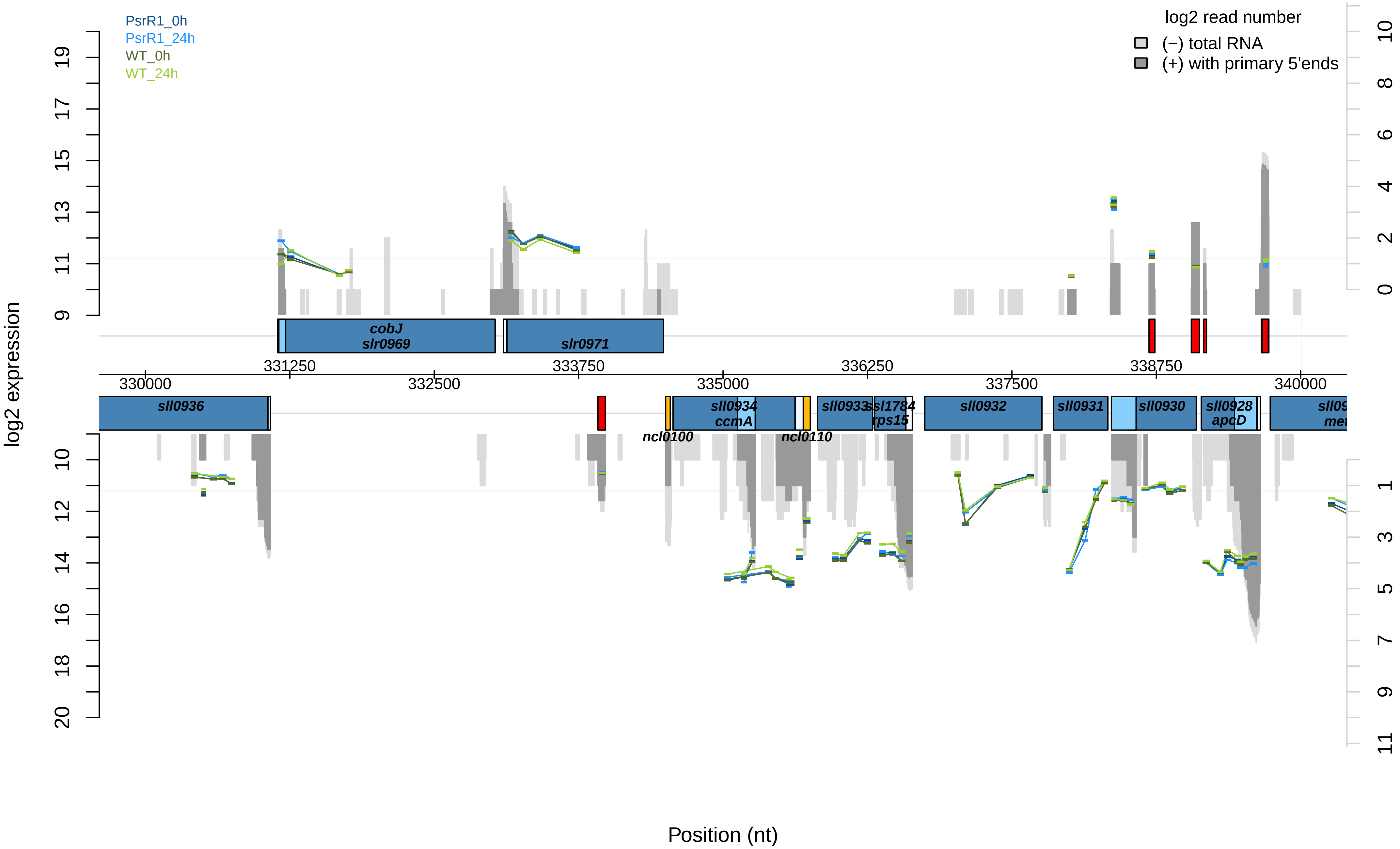
316250
318750
310000
312500
315000
317500
320000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
slr0962
sir
slr0963
slr0964
dnaN
slr0965
trpA
slr0966
slr0967
321250
323750
326250
328750
320000
322500
325000
327500
330000
sll0943
sll0939
sll0938
ssl1792
sll093
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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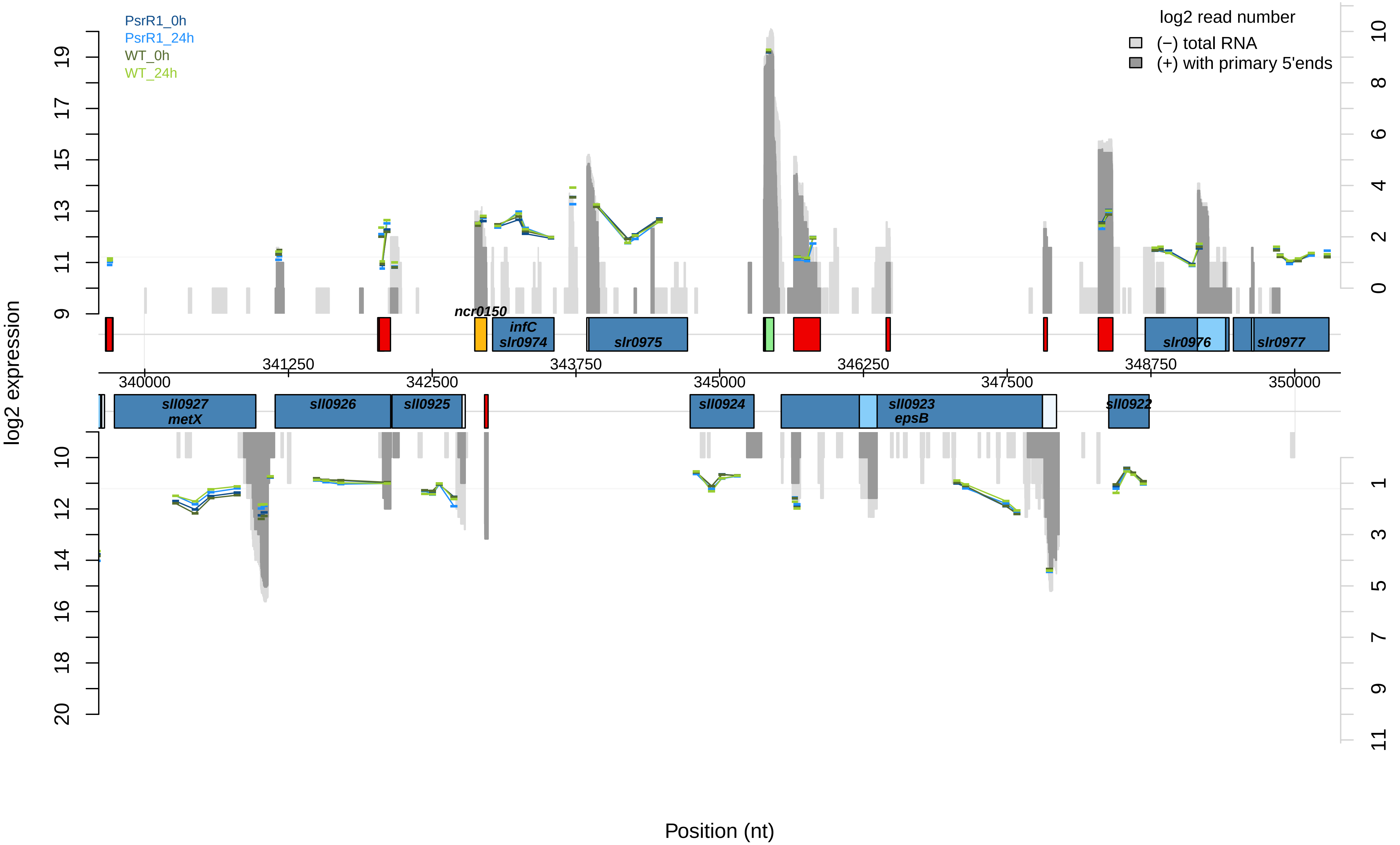
18
20
0
2
4
6
8
10
1
3
5
7
9
11
cobJ
slr0969
slr0971
331250
333750
336250
338750
330000
332500
335000
337500
340000
sll0936
sll0934
ccmA
sll0933
ssl1784
rps15
sll0932
sll0931
sll0930
sll0928
apcD
sll09
met
ncl0100
ncl0110
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
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2
4
6
8
10
ncr0150
infC
slr0974
slr0975
slr0976
slr0977
341250
342500
343750
345000
346250
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340000
350000
sll0927
metX
sll0926
sll0925
sll0924
sll0923
epsB
sll0922
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14
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18
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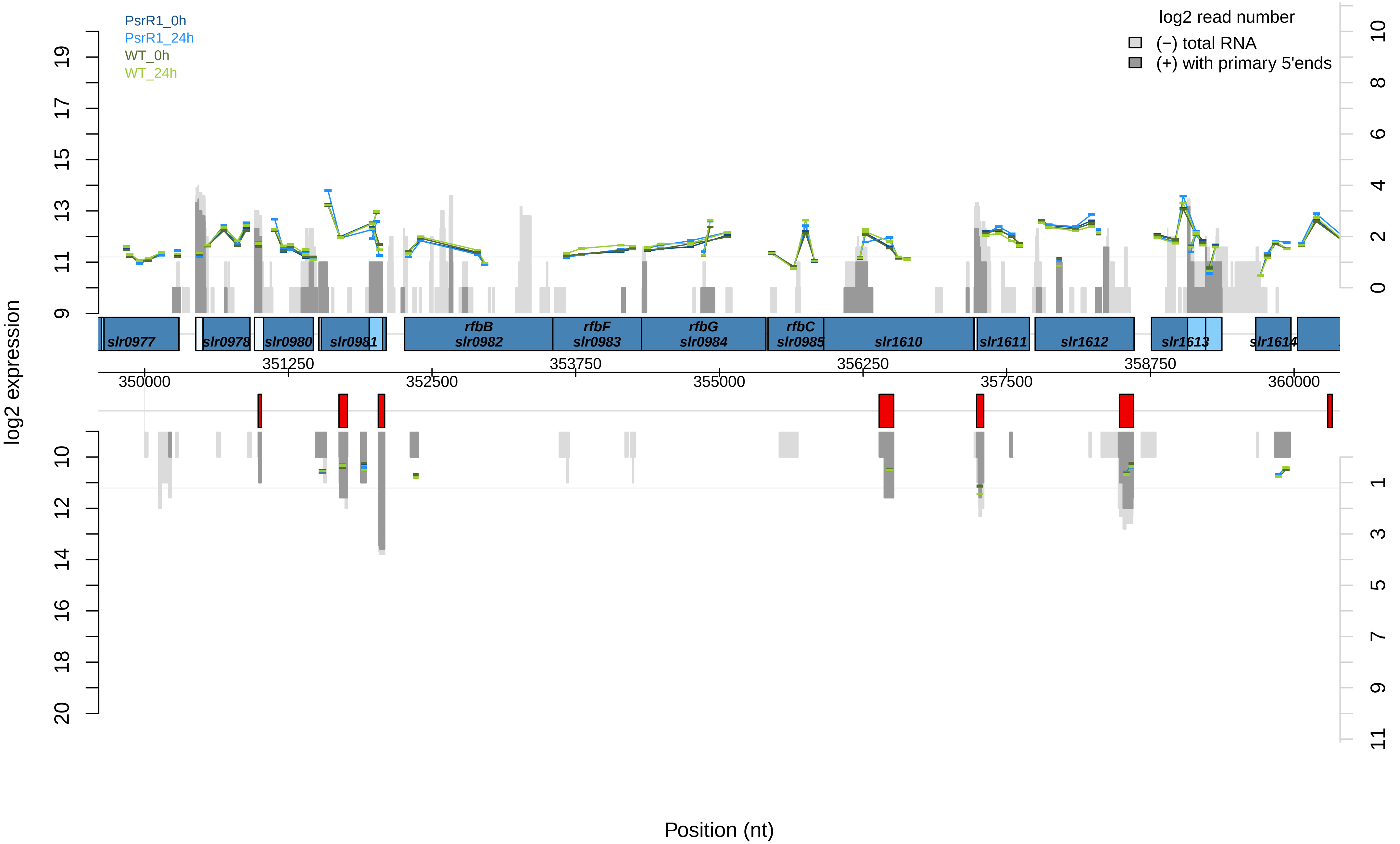
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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1
3
5
7
9
11
slr0977
slr0978
slr0980
slr0981
rfbB
slr0982
rfbF
slr0983
rfbG
slr0984
rfbC
slr0985
slr1610
slr1611
slr1612
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352500
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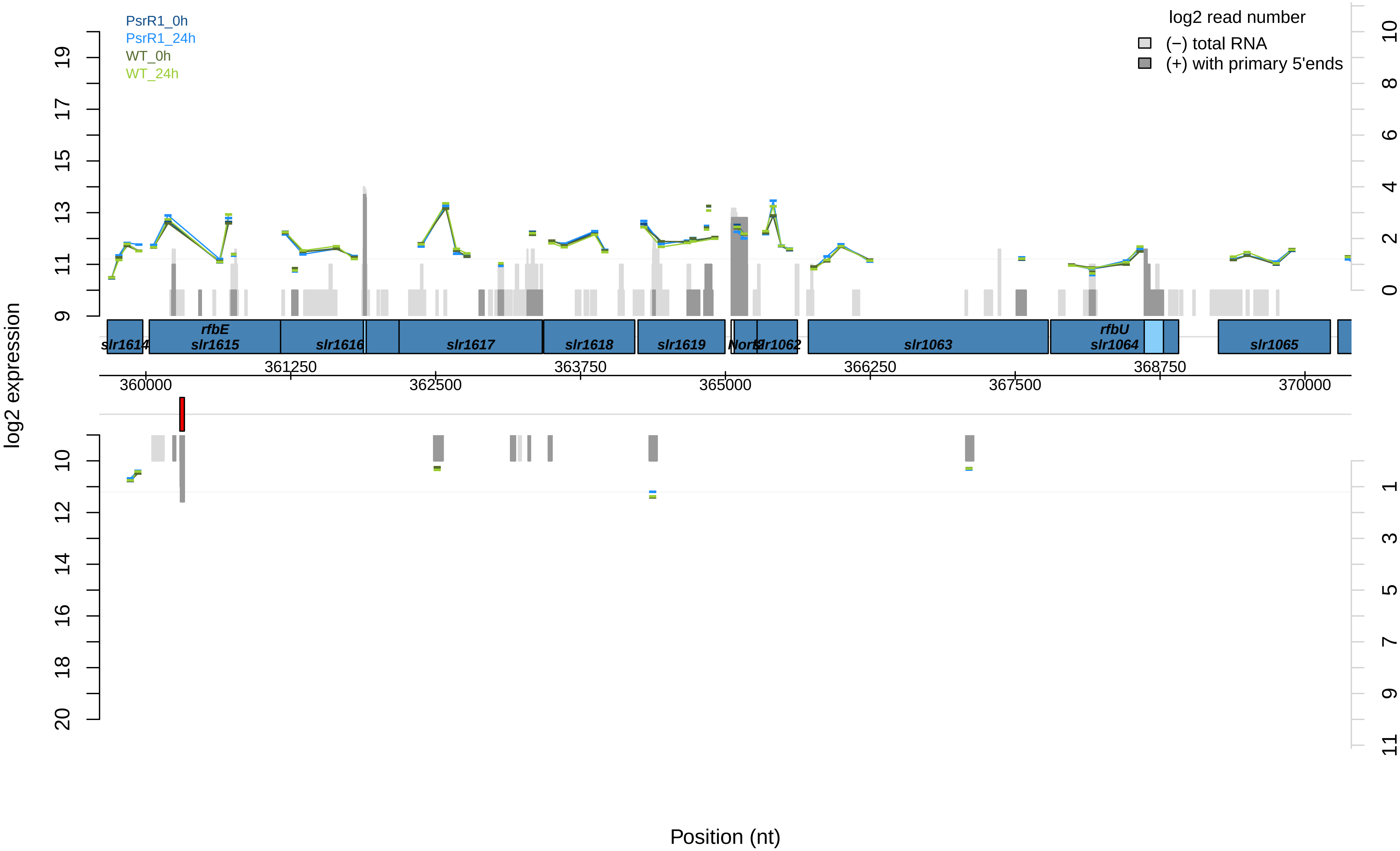
360000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
10
1
3
5
7
9
11
slr1614
rfbE
slr1615
slr1616
slr1617
slr1618
slr1619
Nor
slr1062
slr1063
rfbU
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366250
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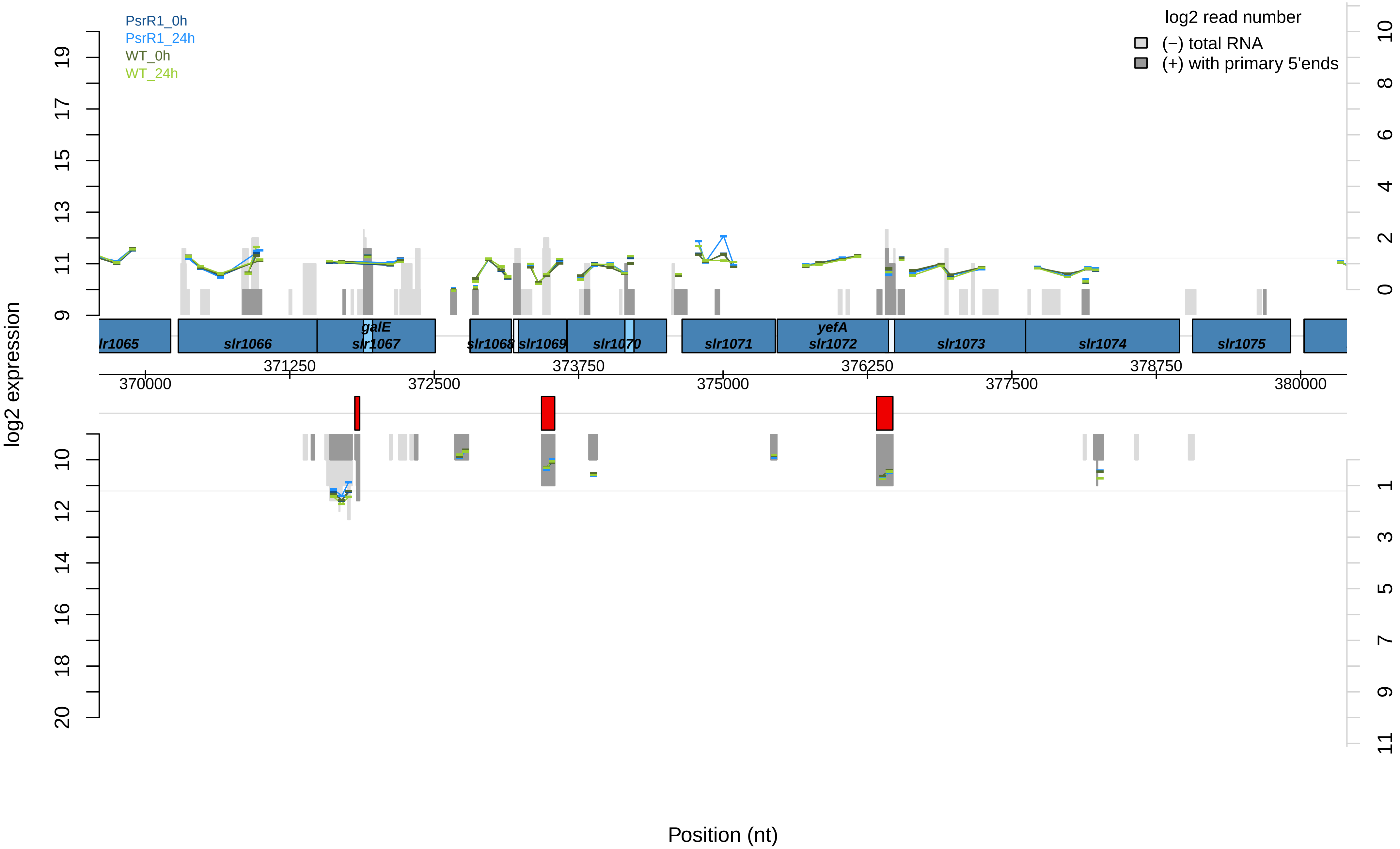
368750
370000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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2
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1
3
5
7
9
11
lr1065
slr1066
galE
slr1067
slr1068
slr1069
slr1070
slr1071
yefA
slr1072
slr1073
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373750
376250
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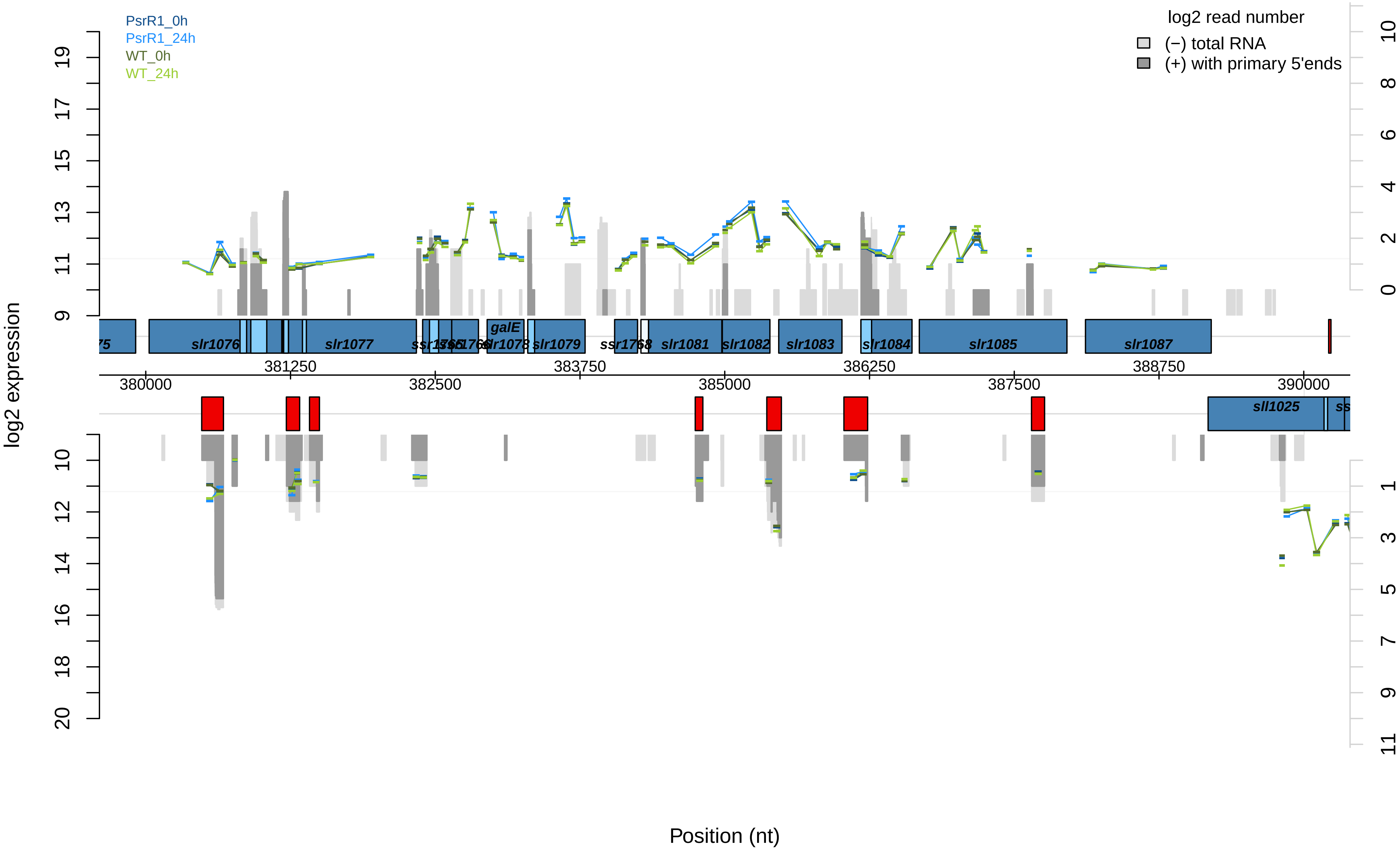
372500
375000
377500
380000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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5
7
9
11
slr1076
slr1077
ssr1765
ssr1766
galE
slr1078
slr1079
ssr1768
slr1081
slr1082
slr1083
slr1084
slr1085
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383750
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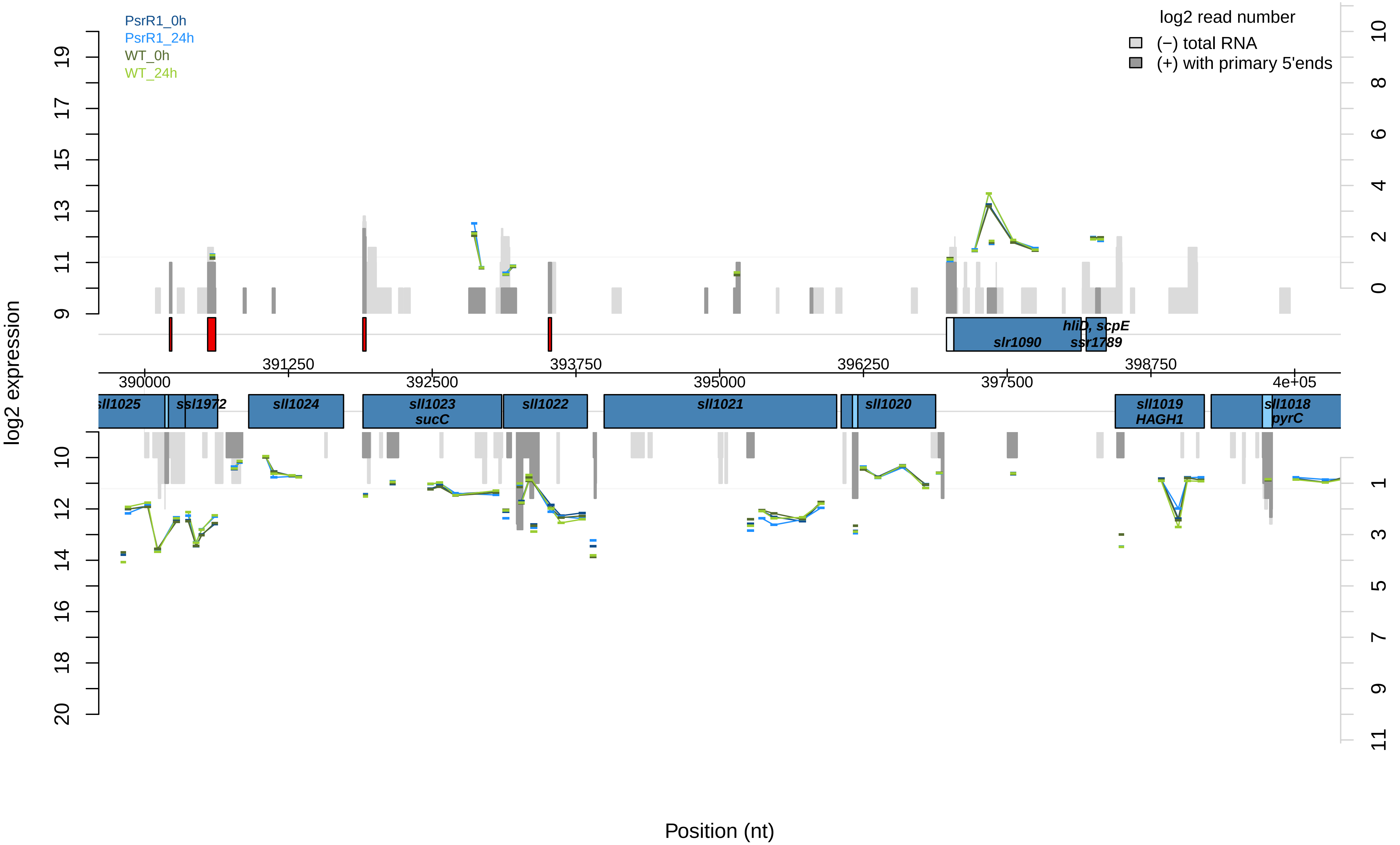
388750
380000
390000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▩ (+) with primary 5'ends
log2 expression
9
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19
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18
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0
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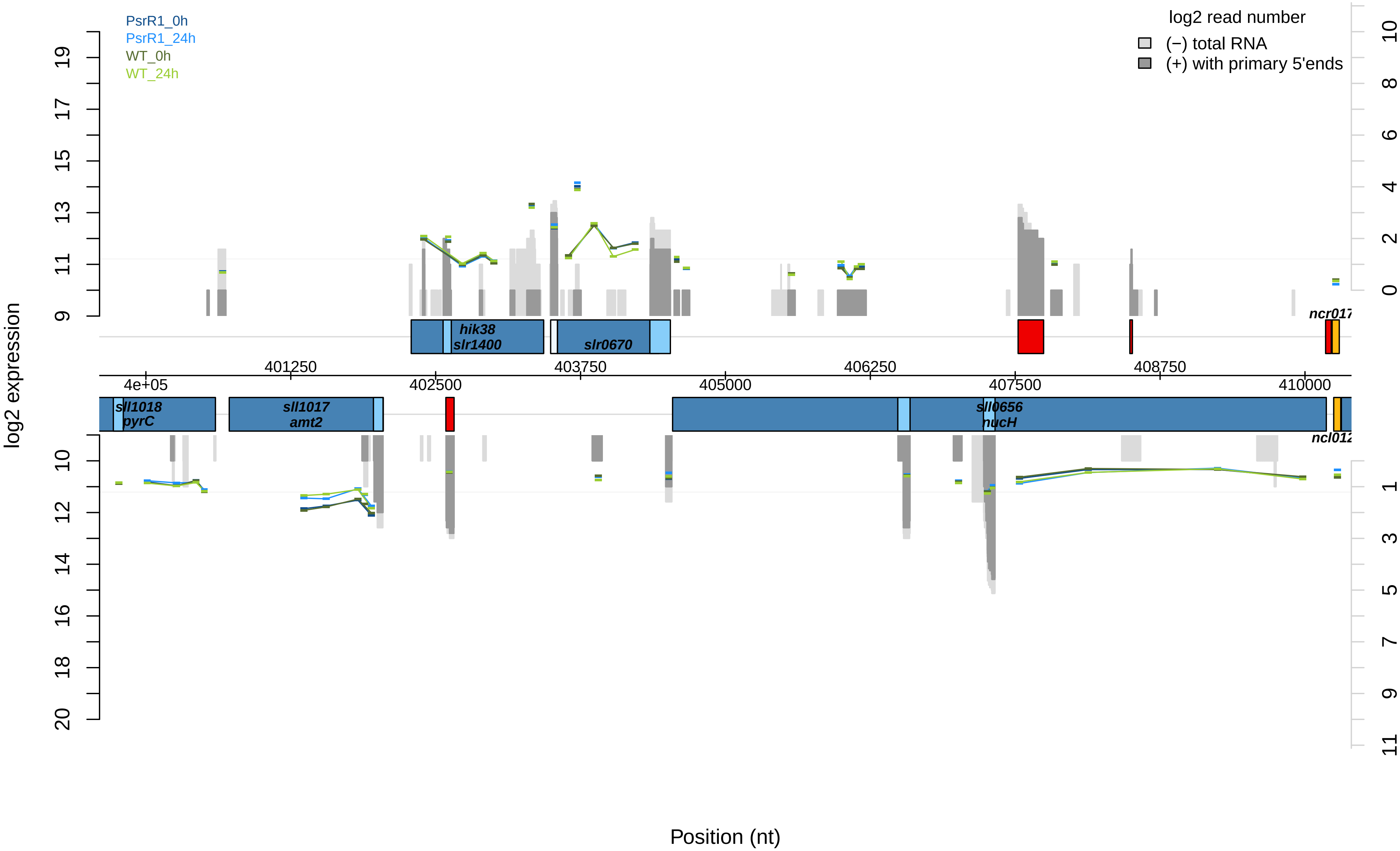
4
6
8
10
1
3
5
7
9
11
hliD, scpE
slr1090
ssr1789
390000
391250
392500
393750
395000
396250
397500
398750
4e+05
sll1025
ssl1972
sll1024
sll1023
sucC
sll1022
sll1021
sll1020
sll1019
HAGH1
sll1018
pyrC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
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18
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0
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4
6
8
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1
3
5
7
9
11
hik38
slr1400
slr0670
ncr017
401250
403750
406250
408750
4e+05
402500
405000
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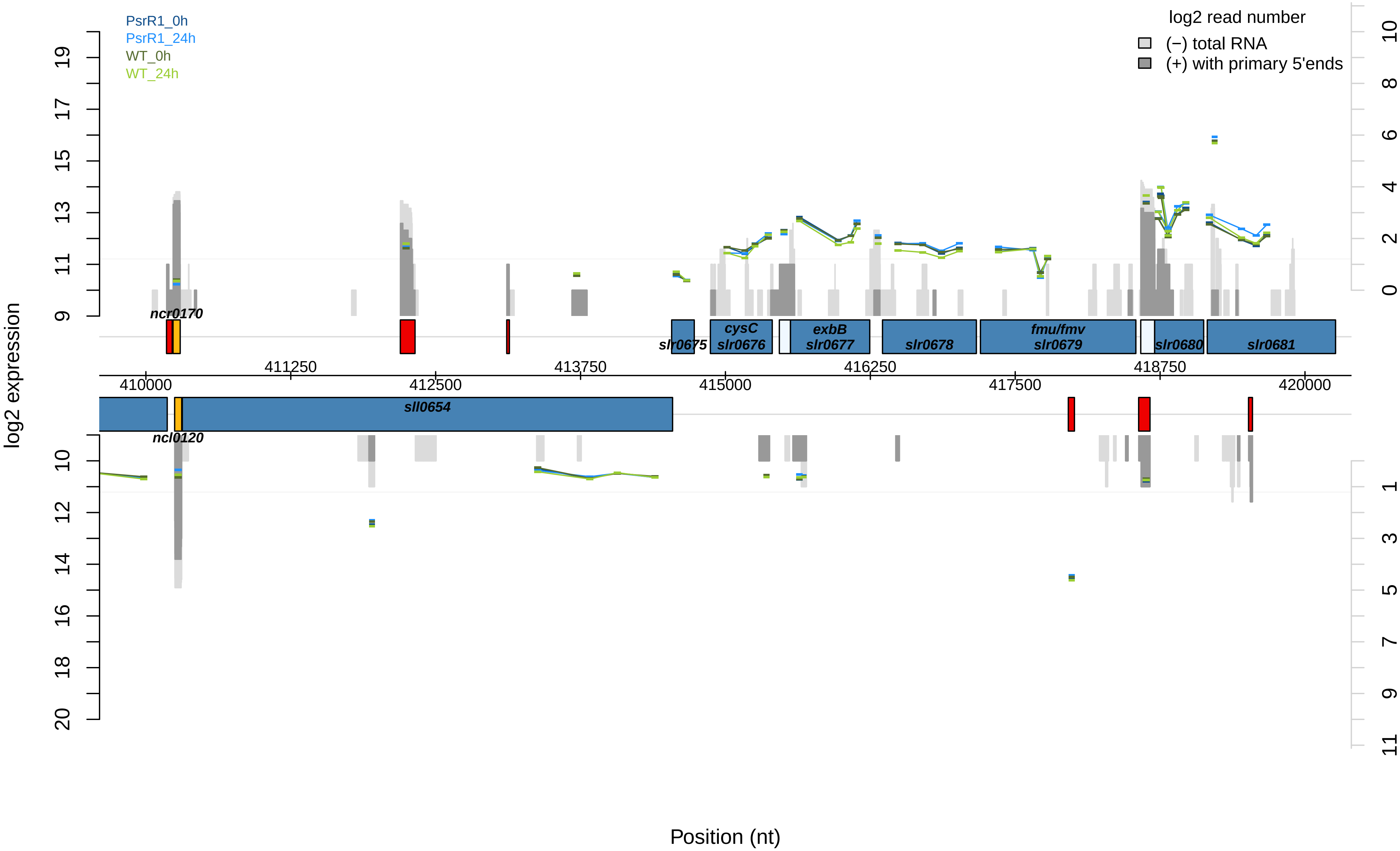
410000
sll1018
pyrC
sll1017
amt2
sll0656
nucH
ncl012
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
ncr0170
ncl0120
slr0675
cysC
slr0676
exbB
slr0677
slr0678
fmu/fmv
slr0679
slr0680
slr0681
sll0654
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412500
413750
415000
416250
417500
418750
420000
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13
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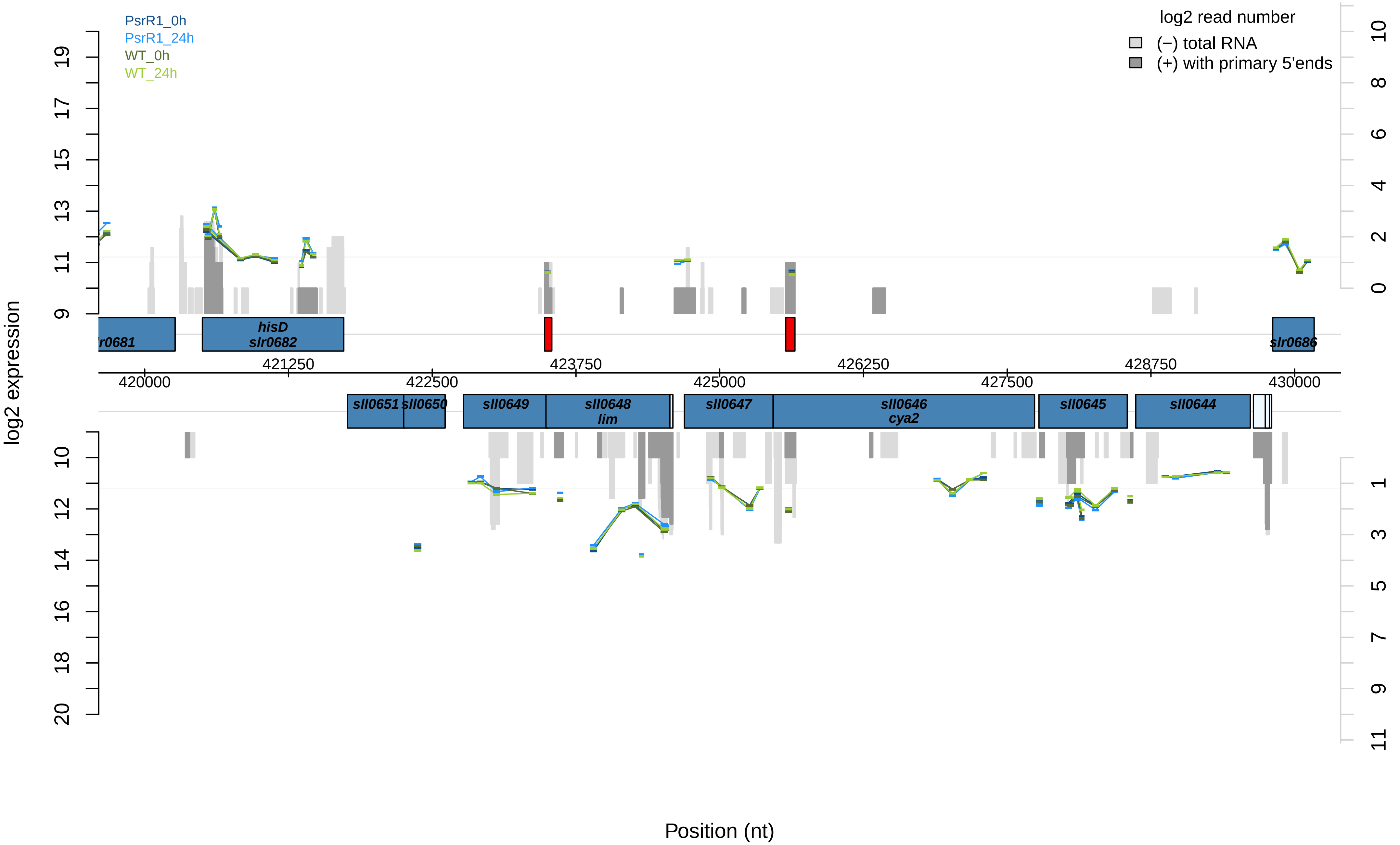
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
12
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16
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20
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2
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5
7
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11
420000
421250
422500
423750
425000
426250
427500
428750
430000
lr0681
hisD
slr0682
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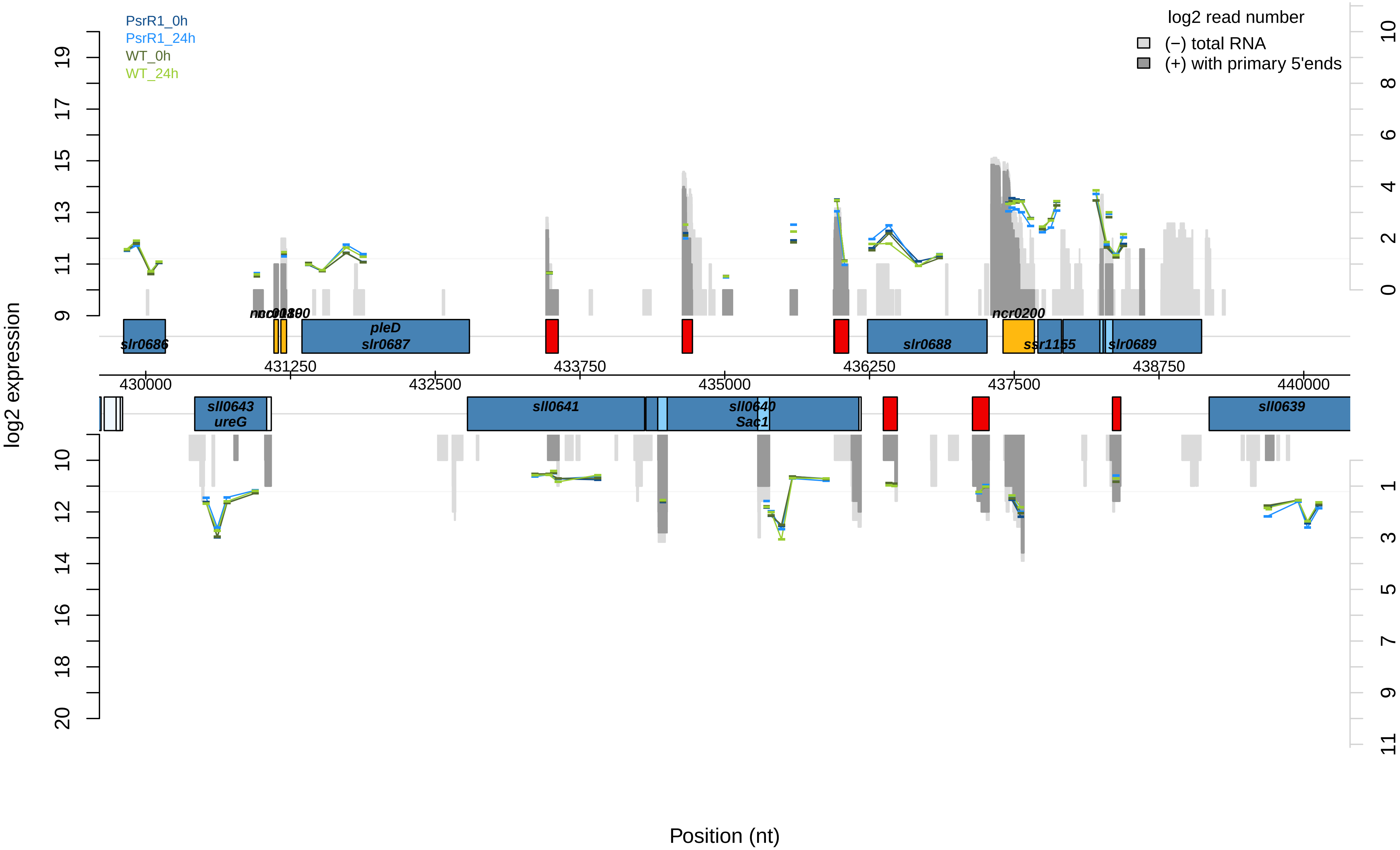
sll0649
sll0648
lim
sll0647
sll0646
cya2
sll0645
sll0644


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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3
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9
11
slr0686
ncr0180
ncr0190
pleD
slr0687
slr0688
ncr0200
ssr1155
slr0689
431250
433750
436250
438750
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432500
435000
437500
440000
sll0643
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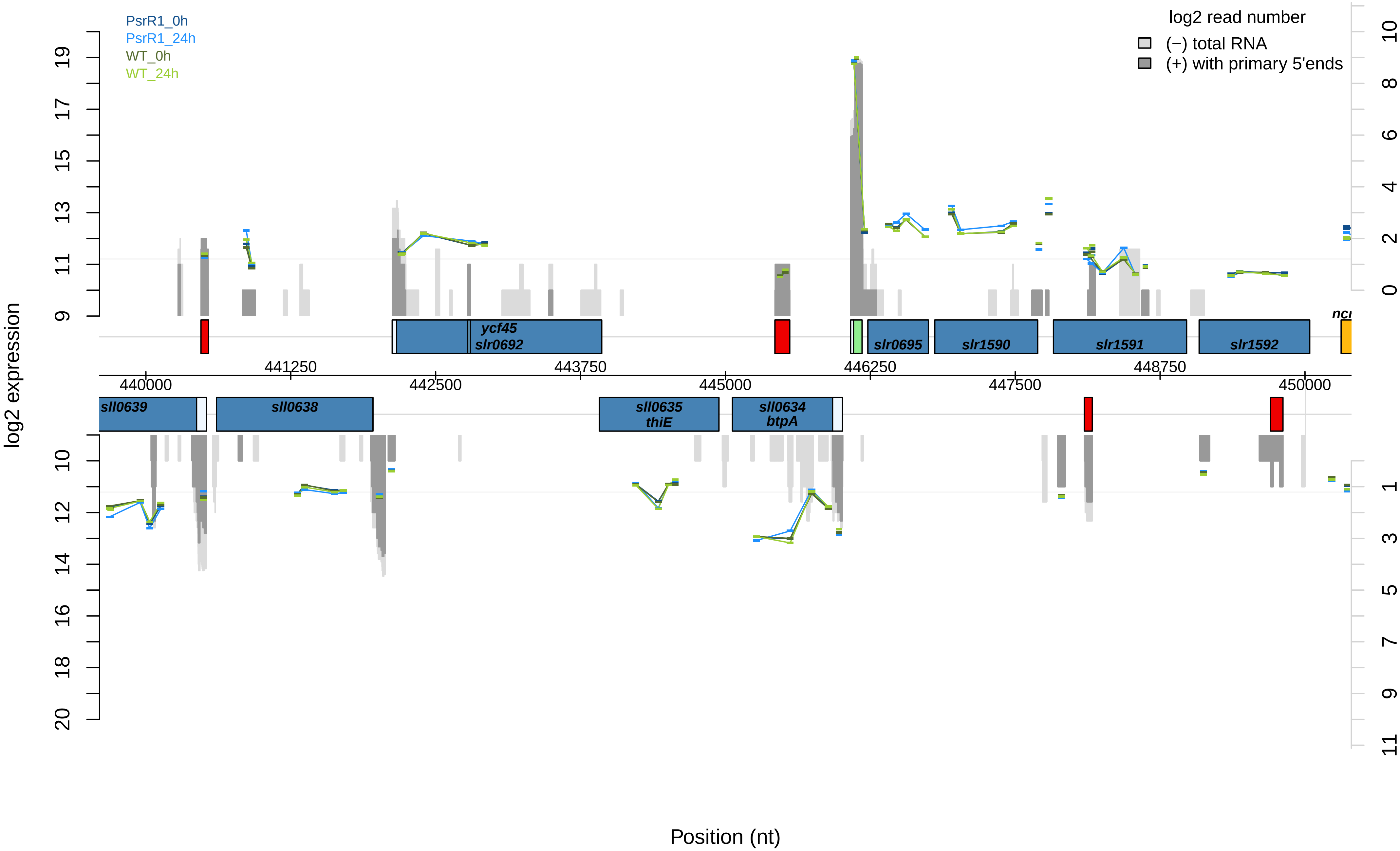
sll0641
sll0640
Sac1
sll0639


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
ycf45
slr0692
slr0695
slr1590
slr1591
slr1592
nc
441250
443750
446250
448750
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447500
450000
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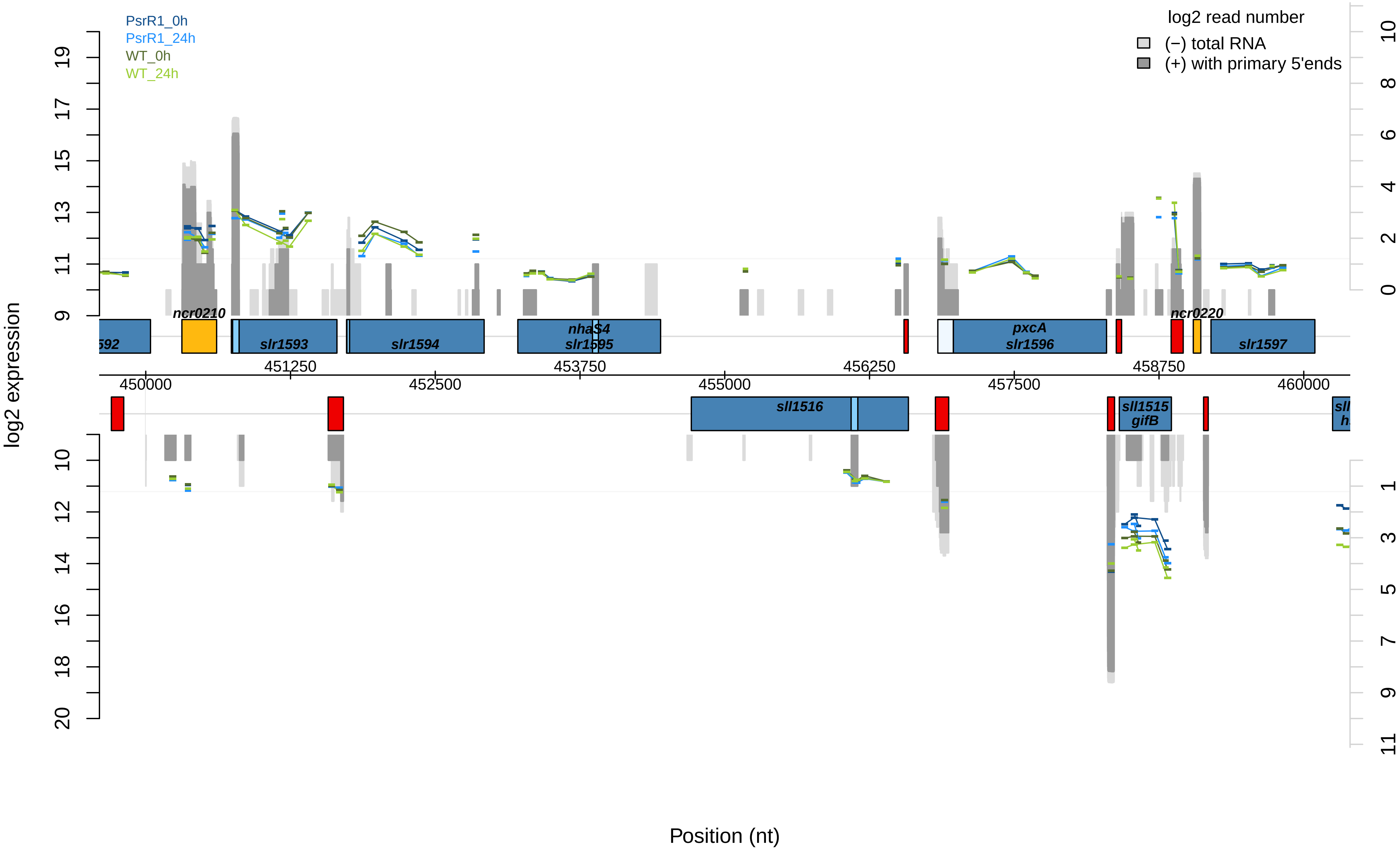
sll0638
sll0635
thiE
sll0634
btpA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
592
ncr0210
slr1593
slr1594
nhaS4
slr1595
pxcA
slr1596
ncr0220
slr1597
sll1516
sll1515
gifB
sll
h
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458750
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452500
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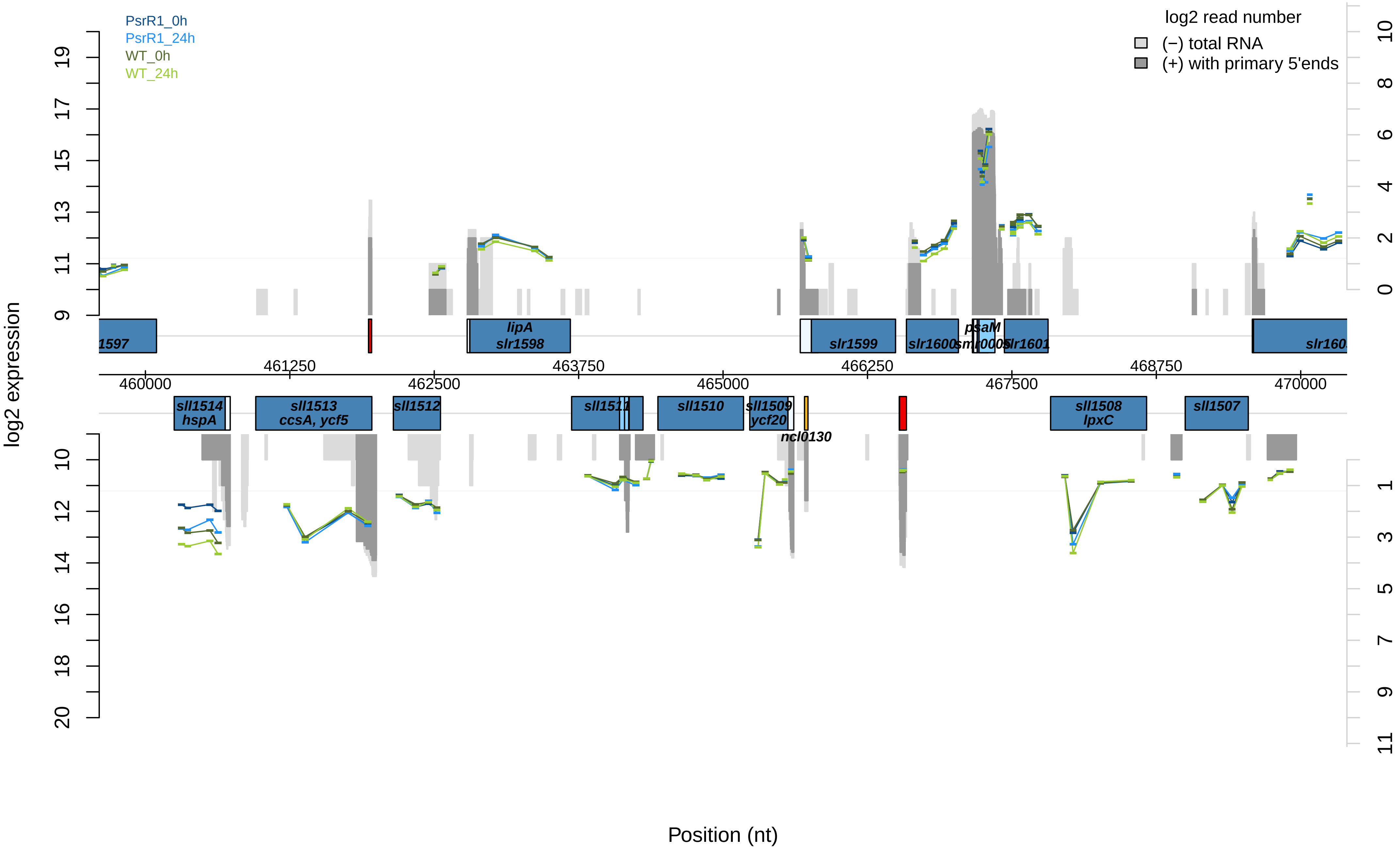
457500
460000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
1597
lipA
slr1598
slr1599
slr1600
psaM
sml0003
slr1601
slr160
461250
463750
466250
468750
460000
462500
465000
467500
470000
sll1514
hspA
sll1513
ccsA, ycf5
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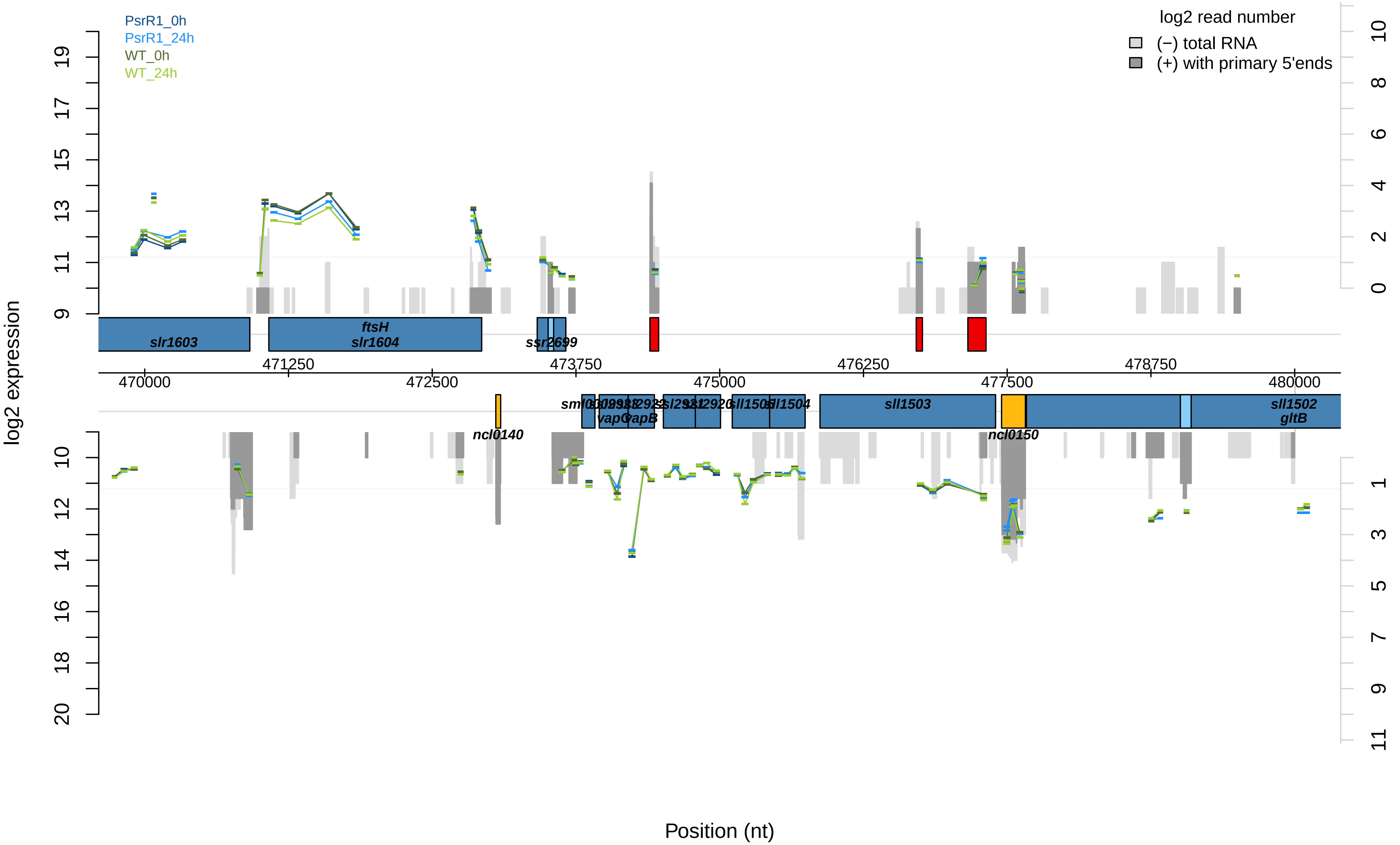
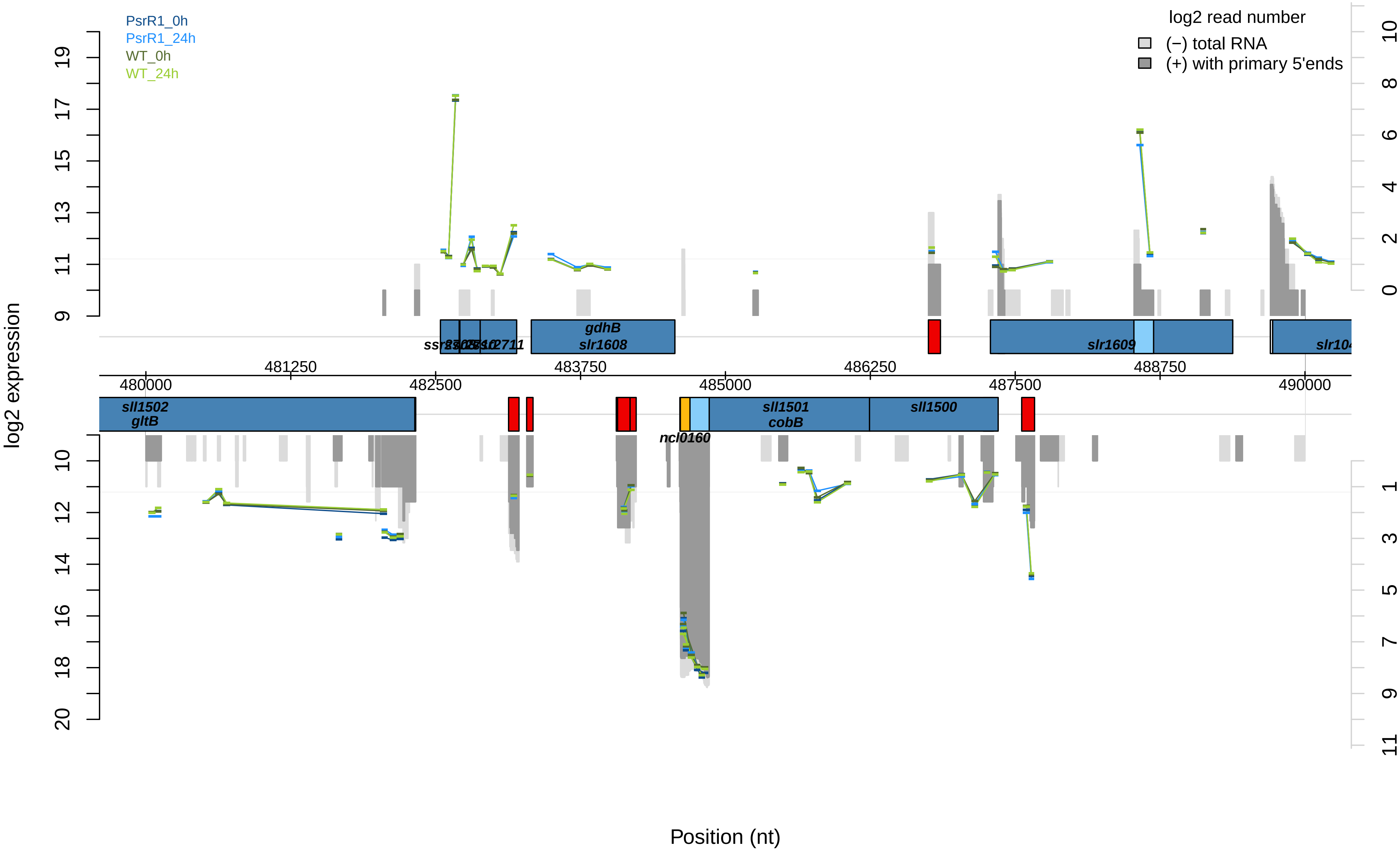
sll1511
sll1510
sll1509
ycf20
ncl0130
sll1508
lpxC
sll1507
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr1603
ftsH
slr1604
ssr2699
470000
471250
472500
473750
475000
476250
477500
478750
480000
ncl0140
sml0013ssl2938ssl2922ssl2921ssl2920sll1505sll1504
vapC
vapB
sll1503
ncl0150
sll1502
gltB
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
gdhB
slr1608
slr1609
sll1502
gltB
sll1501
cobB
sll1500
ncl0160
480000
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482500
483750
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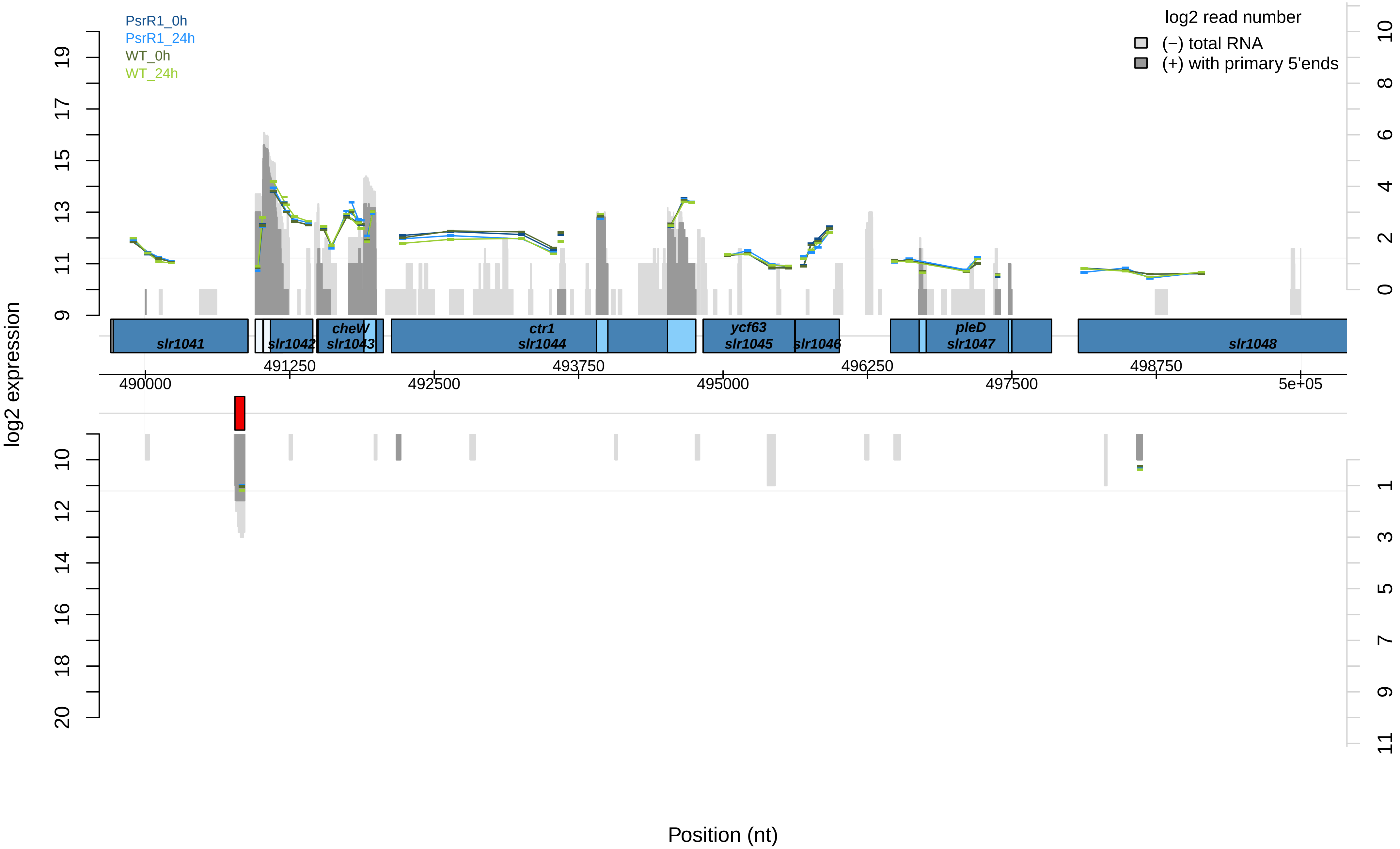
486250
487500
488750
490000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
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17
19
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12
14
16
18
20
0
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6
8
10
1
3
5
7
9
11
slr1041
slr1042
cheW
slr1043
ctr1
slr1044
ycf63
slr1045
slr1046
pleD
slr1047
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491250
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493750
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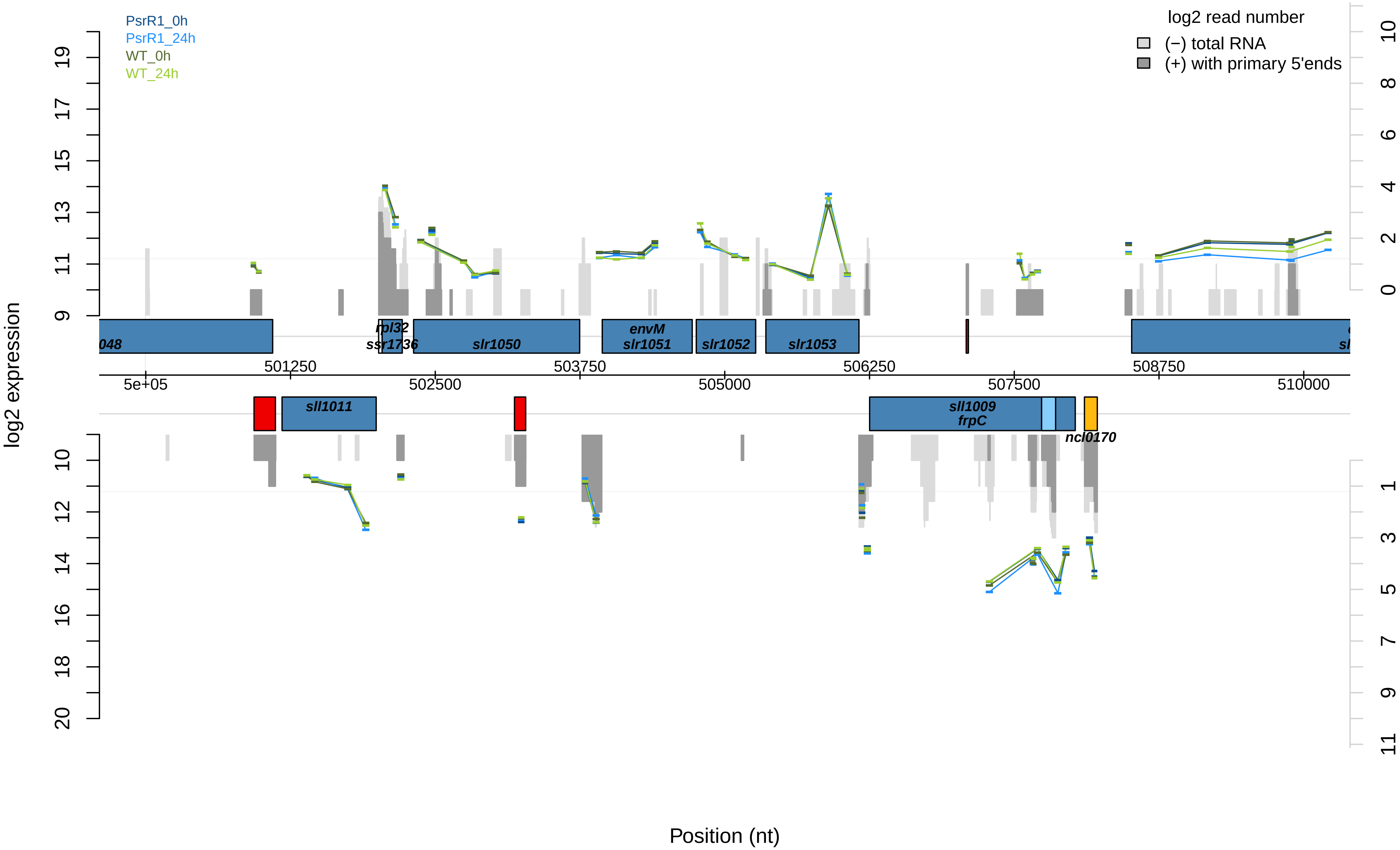
496250
497500
498750
5e+05
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
17
15
13
11
9
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12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
048
rpl32
ssr1736
slr1050
envM
slr1051
slr1052
slr1053
sl
501250
503750
506250
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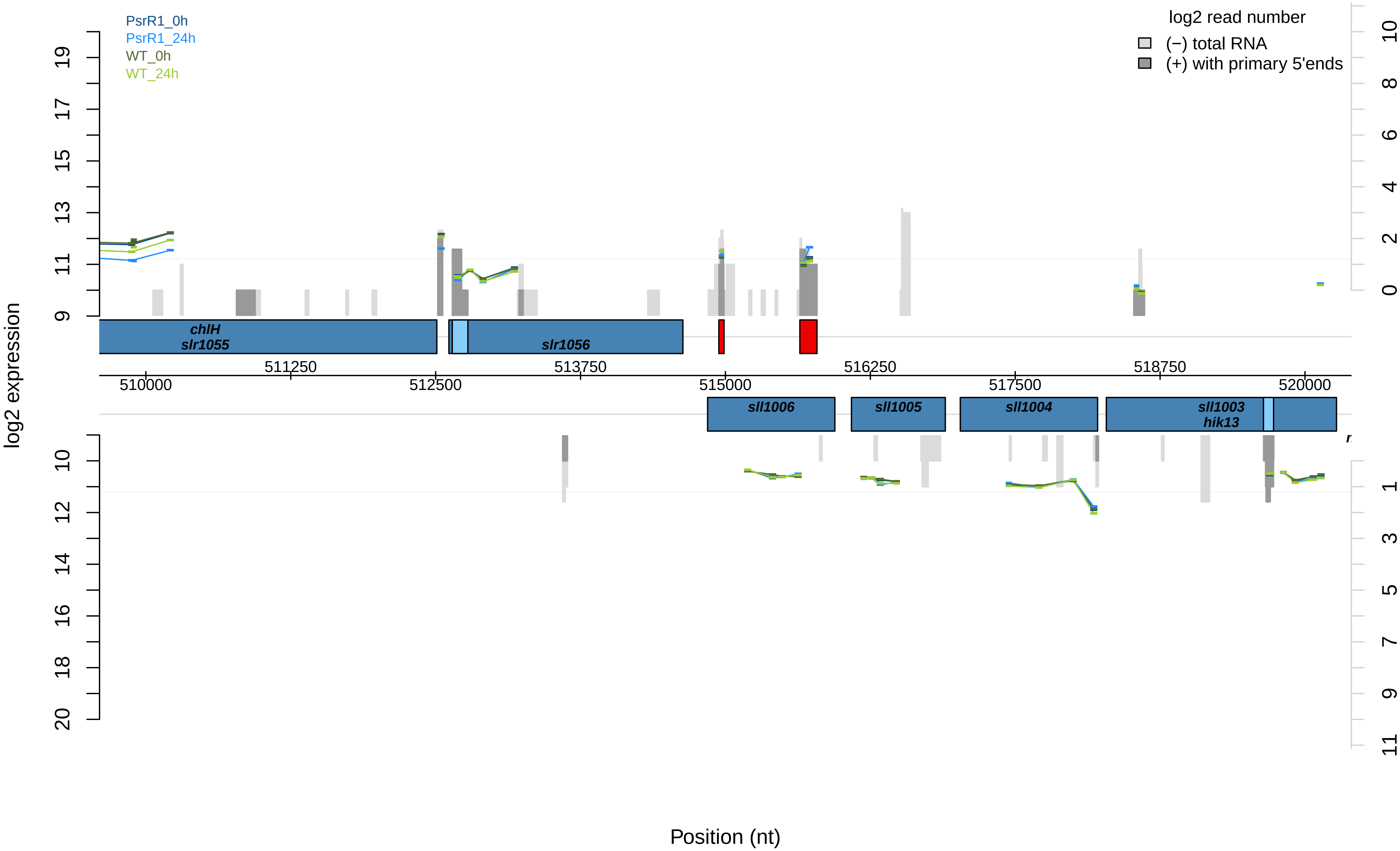
502500
505000
507500
510000
sll1011
sll1009
frpC
ncl0170
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
🟩 (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
13
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17
19
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12
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16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
chlH
slr1055
slr1056
511250
513750
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512500
515000
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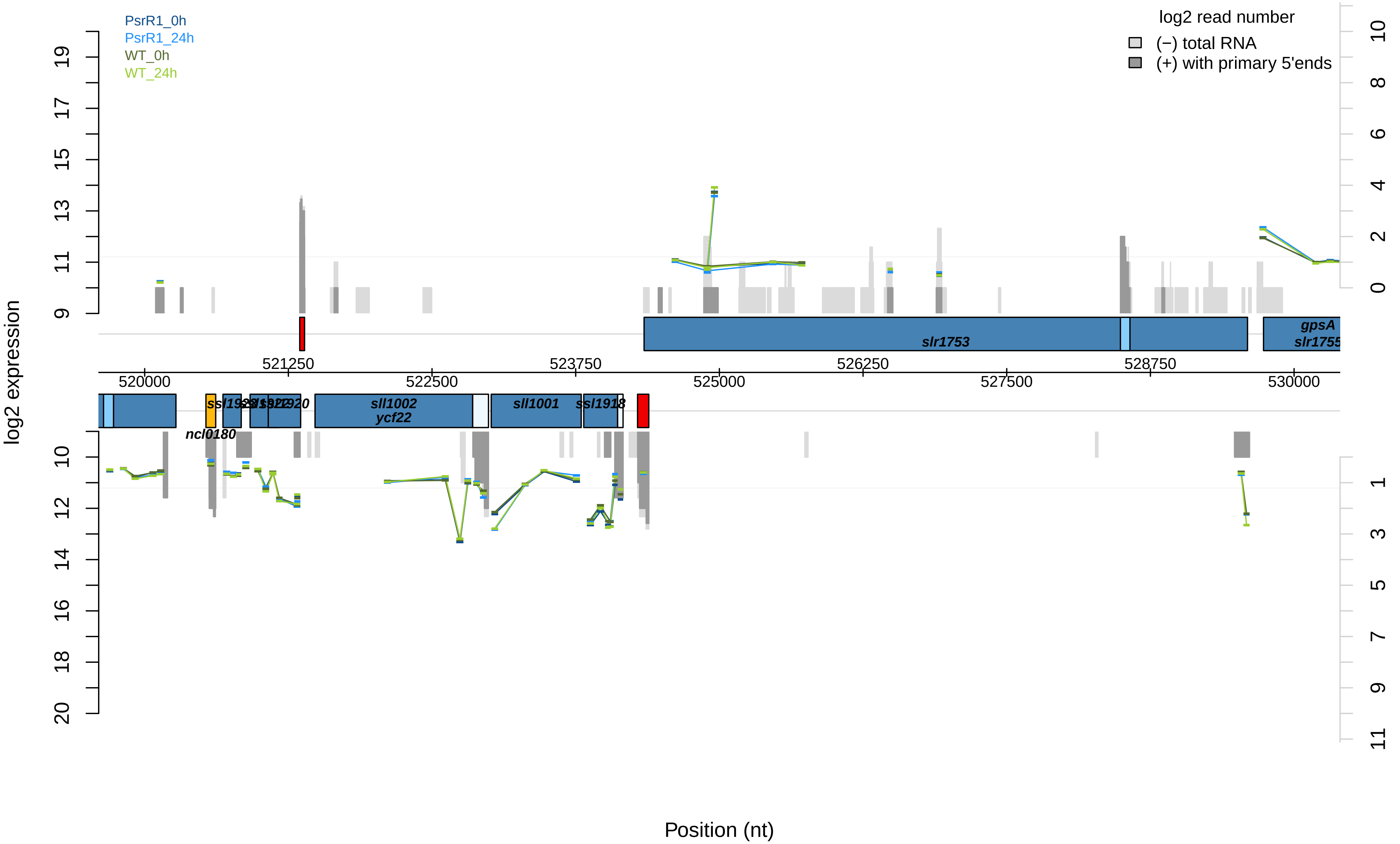
520000
sll1006
sll1005
sll1004
sll1003
hik13
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
10
8
6
4
2
0
slr1753
gpsA
slr1755
521250
523750
526250
528750
520000
522500
525000
527500
530000
ssl1923
ssl1922
sll1920
sll1002
ycf22
sll1001
ssl1918
ncl0180
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16
18
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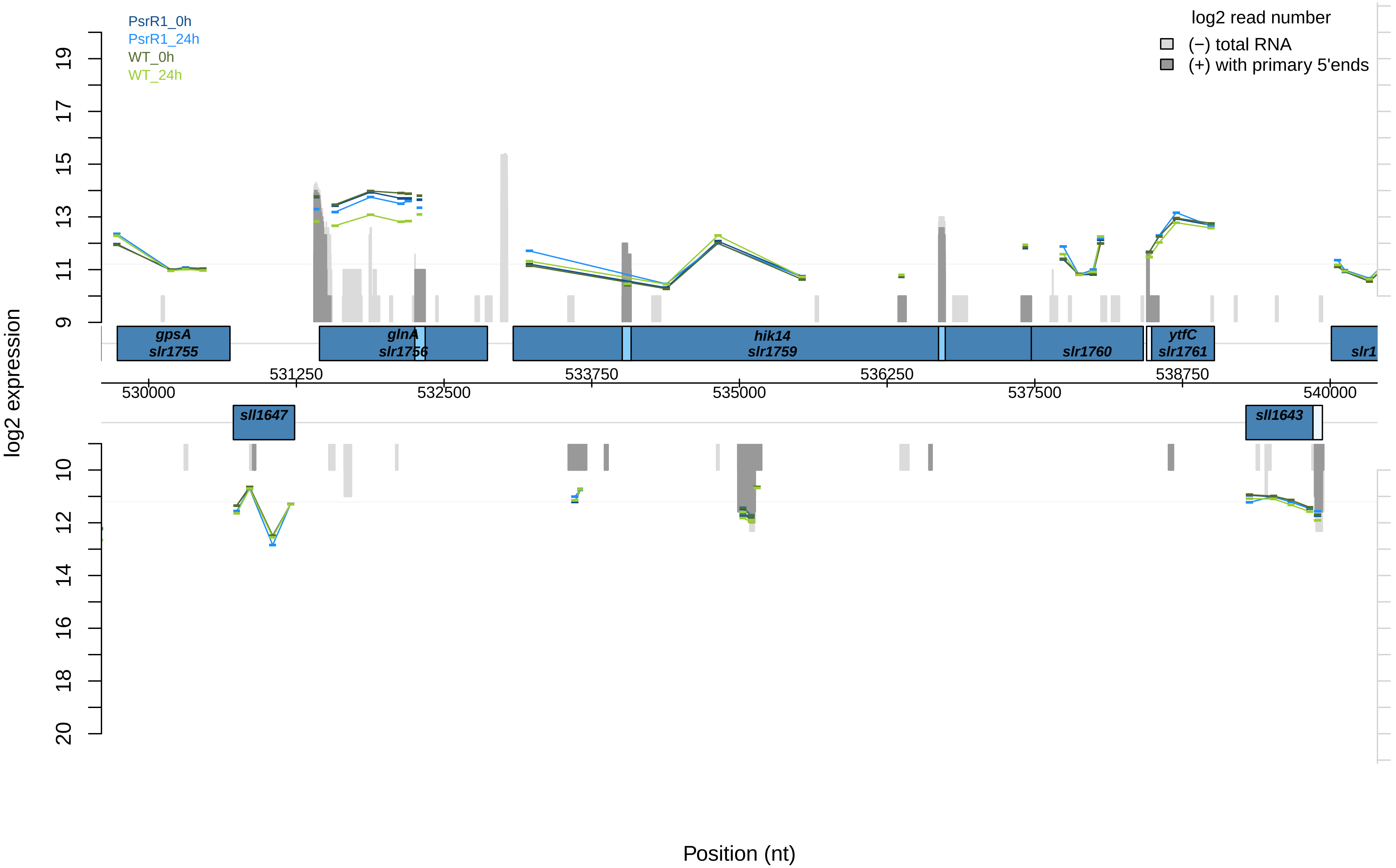
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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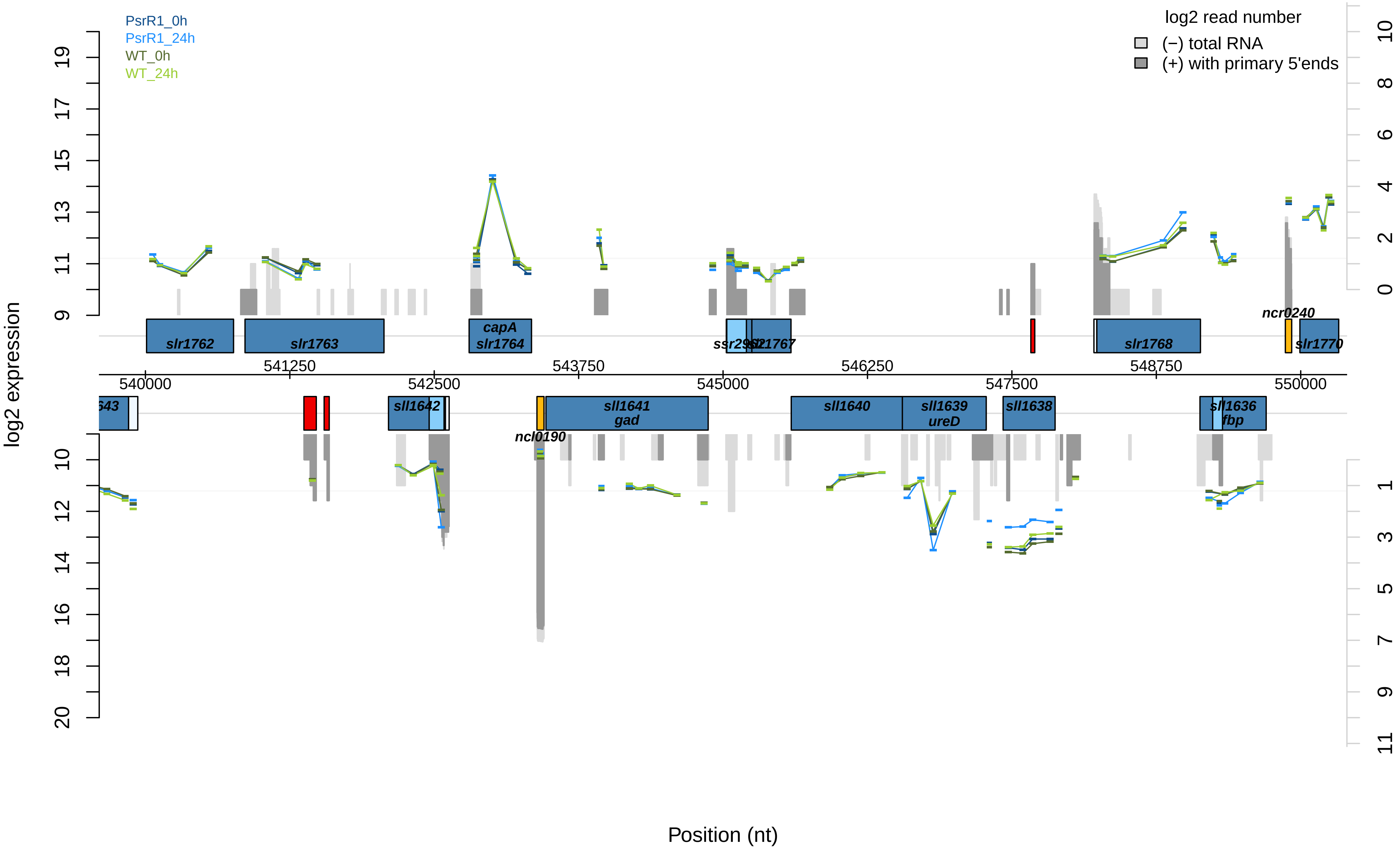
4
6
8
10
1
3
5
7
9
11
gpsA
slr1755
glnA
slr1756
hik14
slr1759
slr1760
ytfC
slr1761
slr1
sll1647
sll1643
531250
533750
536250
538750
530000
532500
535000
537500
540000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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8
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1
3
5
7
9
11
slr1762
slr1763
capA
slr1764
ssr2988
slr1767
slr1768
ncr0240
slr1770
541250
543750
546250
548750
540000
542500
545000
547500
550000
643
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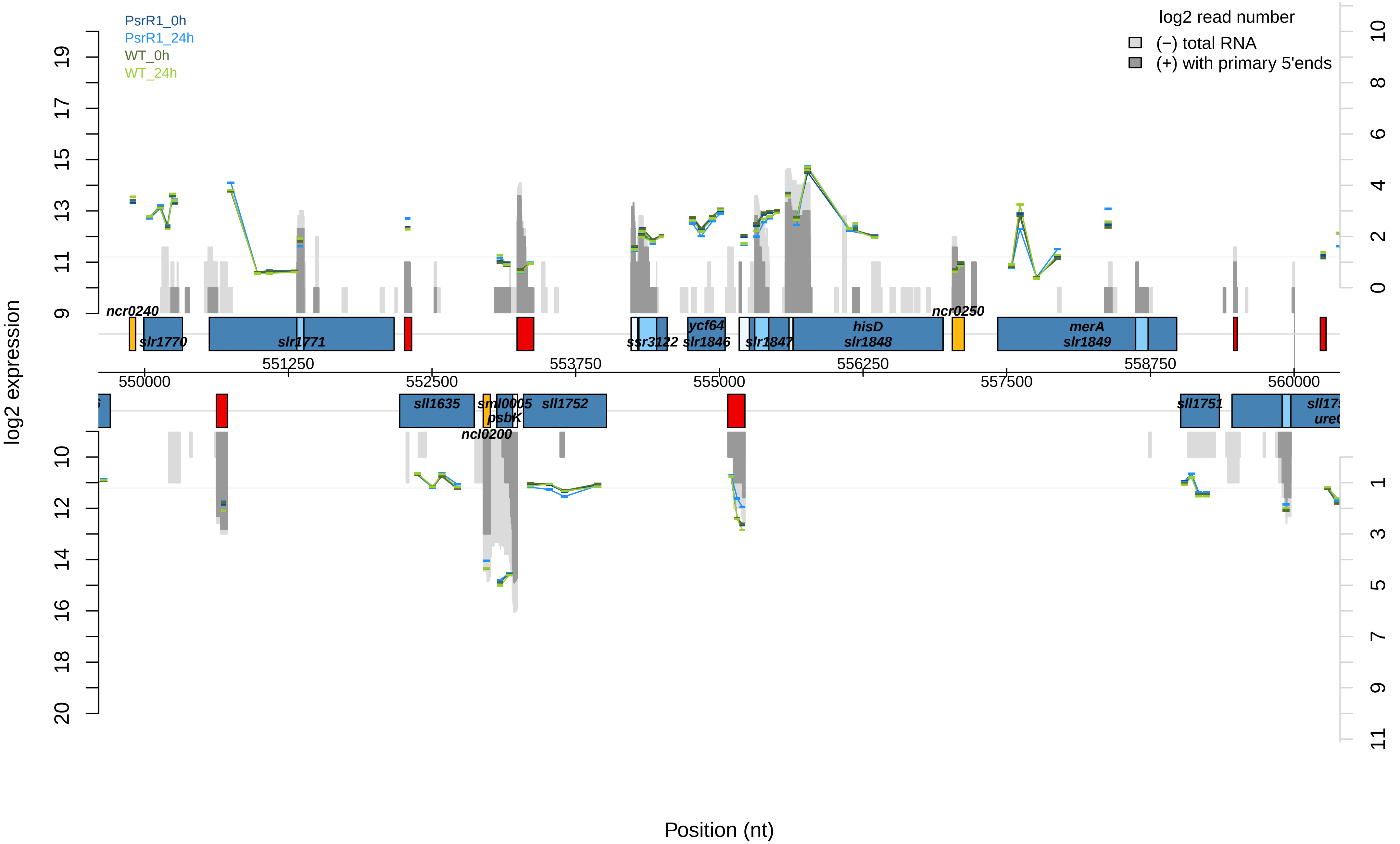
sll1641
gad
sll1640
sll1639
ureD
sll1638
sll1636
fbp
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0240
slr1770
slr1771
ssr3122
ycf64
slr1846
slr1847
hisD
slr1848
ncr0250
merA
slr1849
551250
553750
556250
558750
550000
552500
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sml0005
psbK
ncl0200
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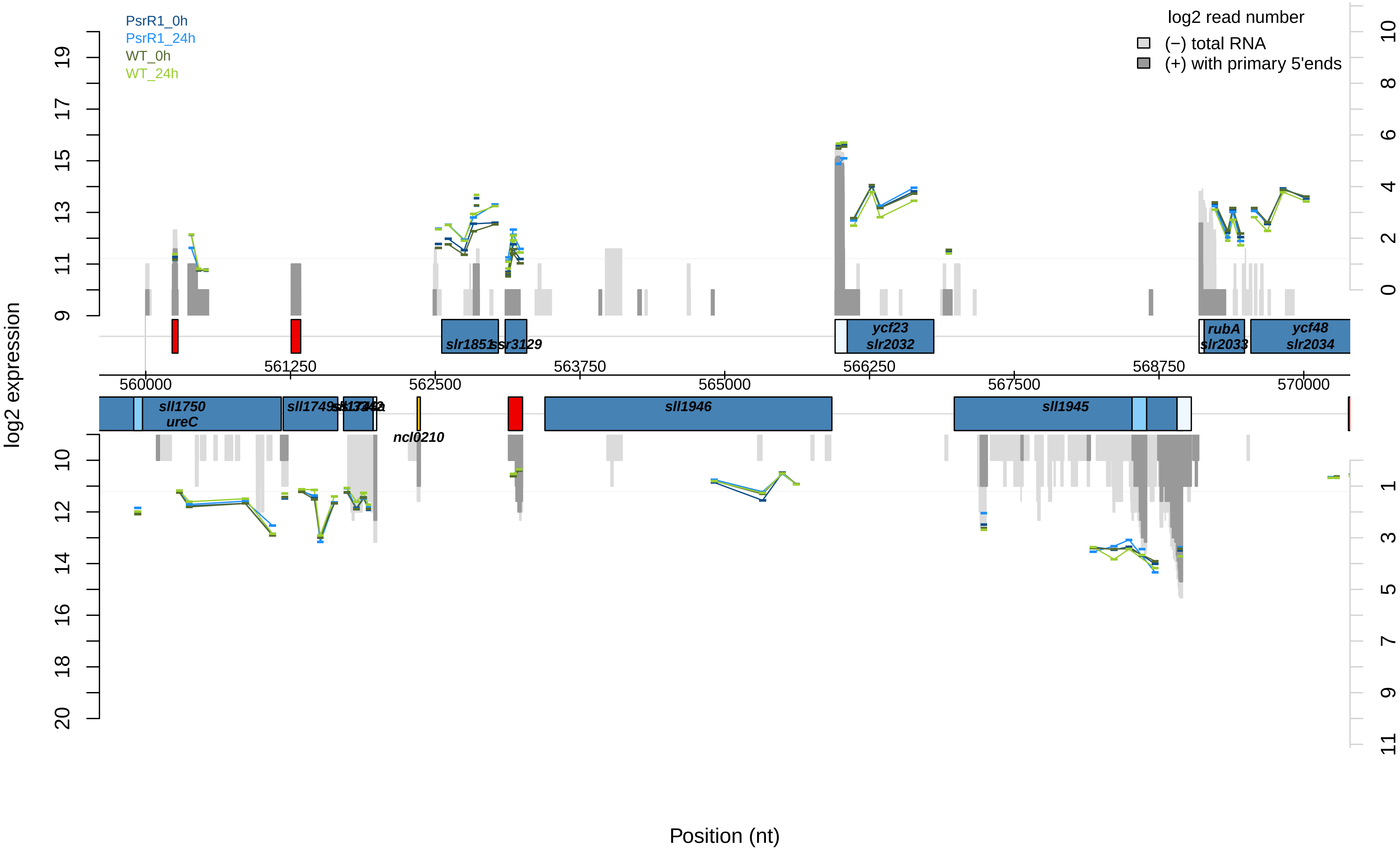
sll175
ureC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr1851
ssr3129
ycf23
slr2032
rubA
slr2033
ycf48
slr2034
561250
563750
566250
568750
560000
562500
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ureC
sll1749
sll1748
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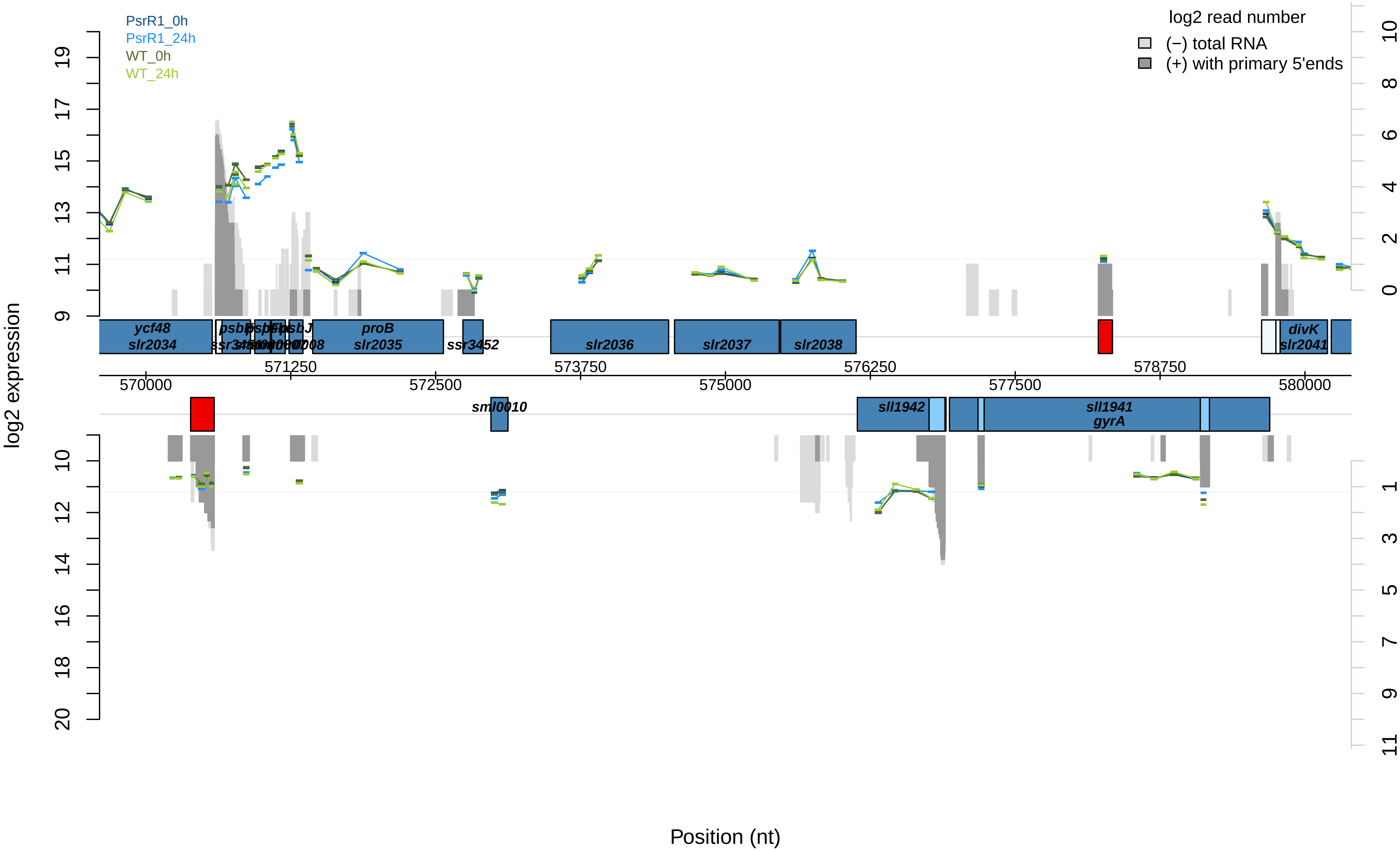
sll1945
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
0
2
4
6
8
10
ycf48
slr2034
psbE
psbF
psbL
psbJ
ssr3451
proB
slr2035
ssr3452
slr2036
slr2037
slr2038
divK
slr2041
571250
573750
576250
578750
570000
572500
575000
577500
580000
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gyrA
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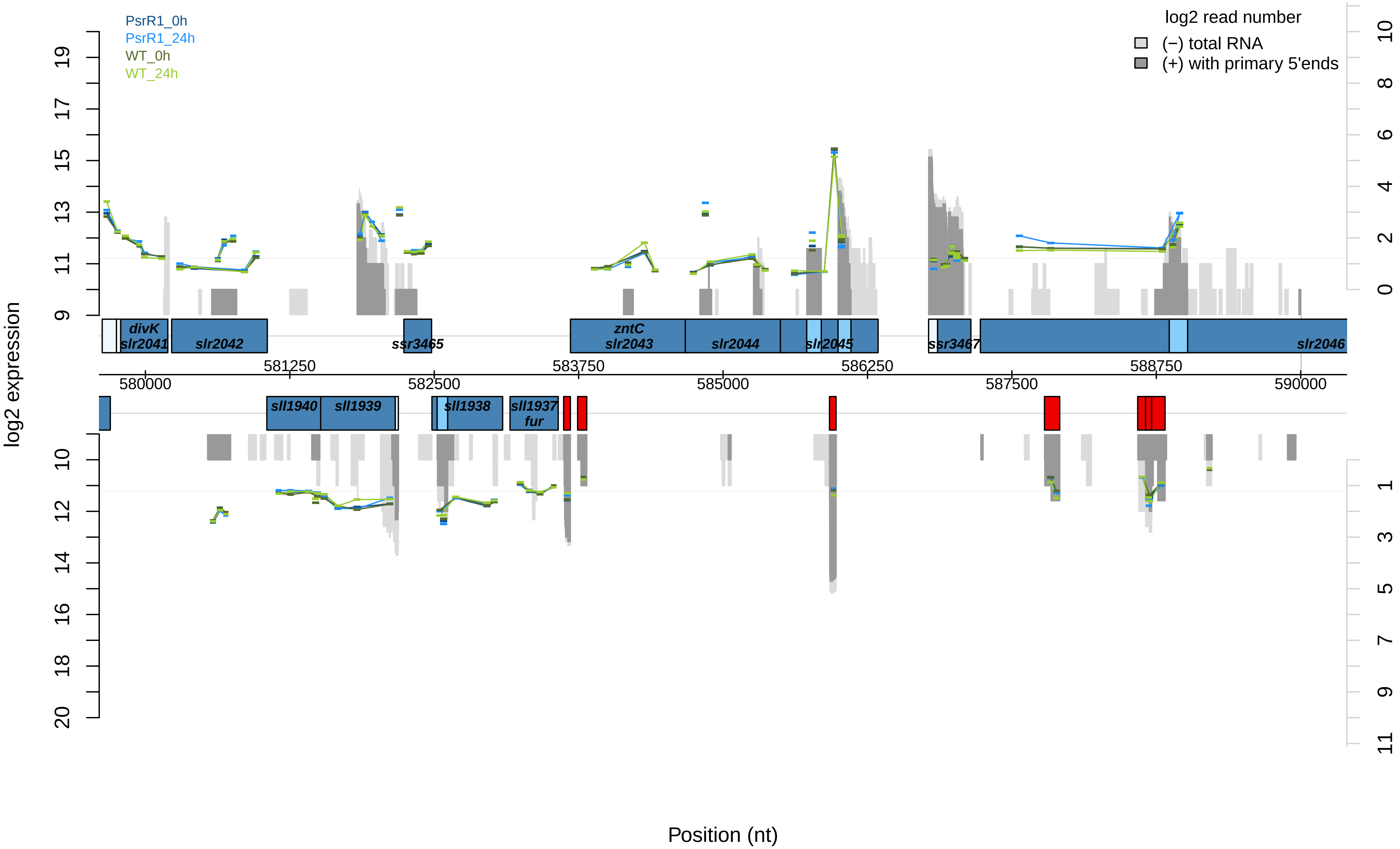
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
divK
slr2041
slr2042
ssr3465
zntC
slr2043
slr2044
slr2045
ssr3467
slr2046
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sll1939
sll1938
sll1937
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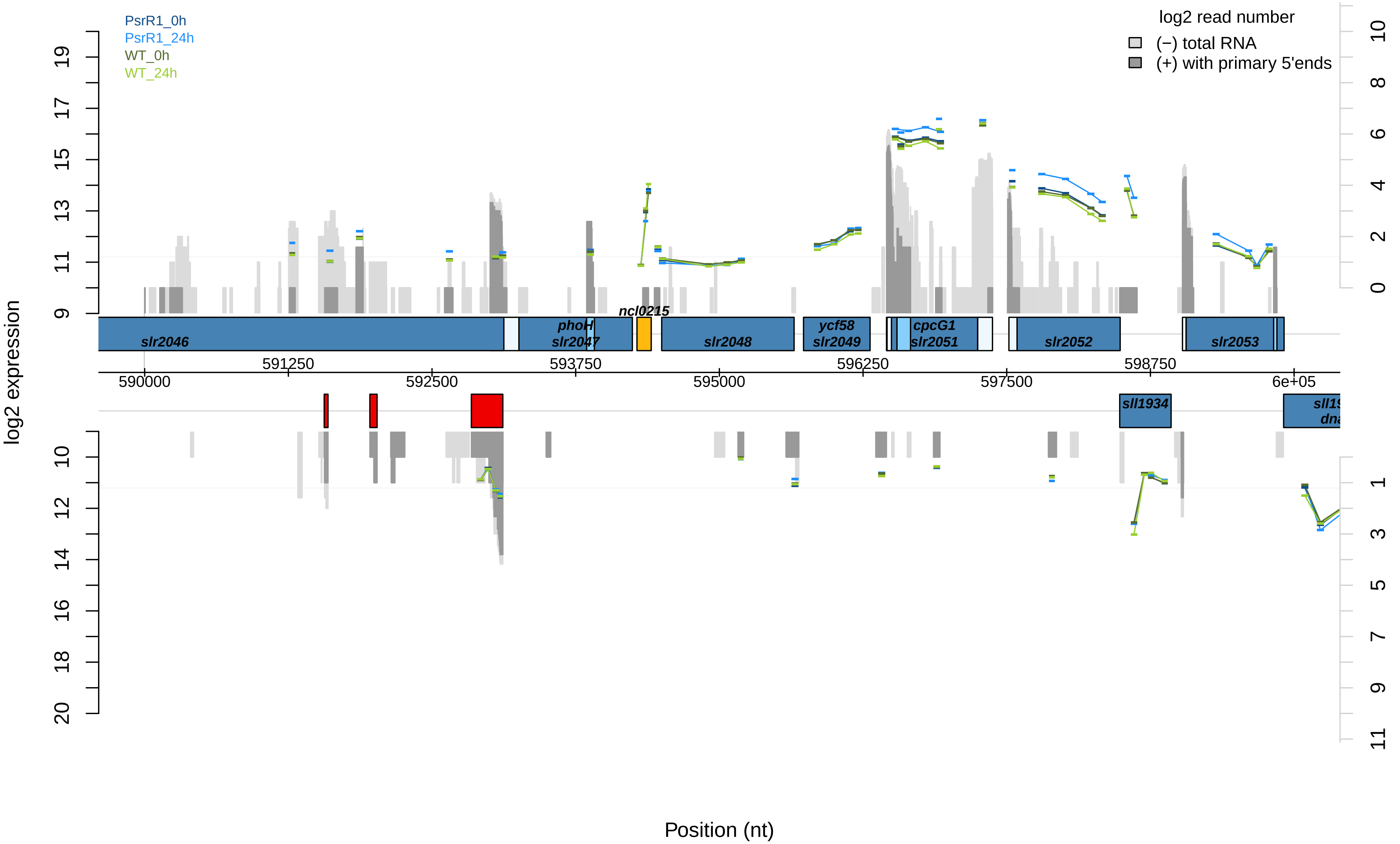
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr2046
phoH
slr2047
ncl0215
slr2048
ycf58
slr2049
cpcG1
slr2051
slr2052
slr2053
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sll19
dna
591250
593750
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598750
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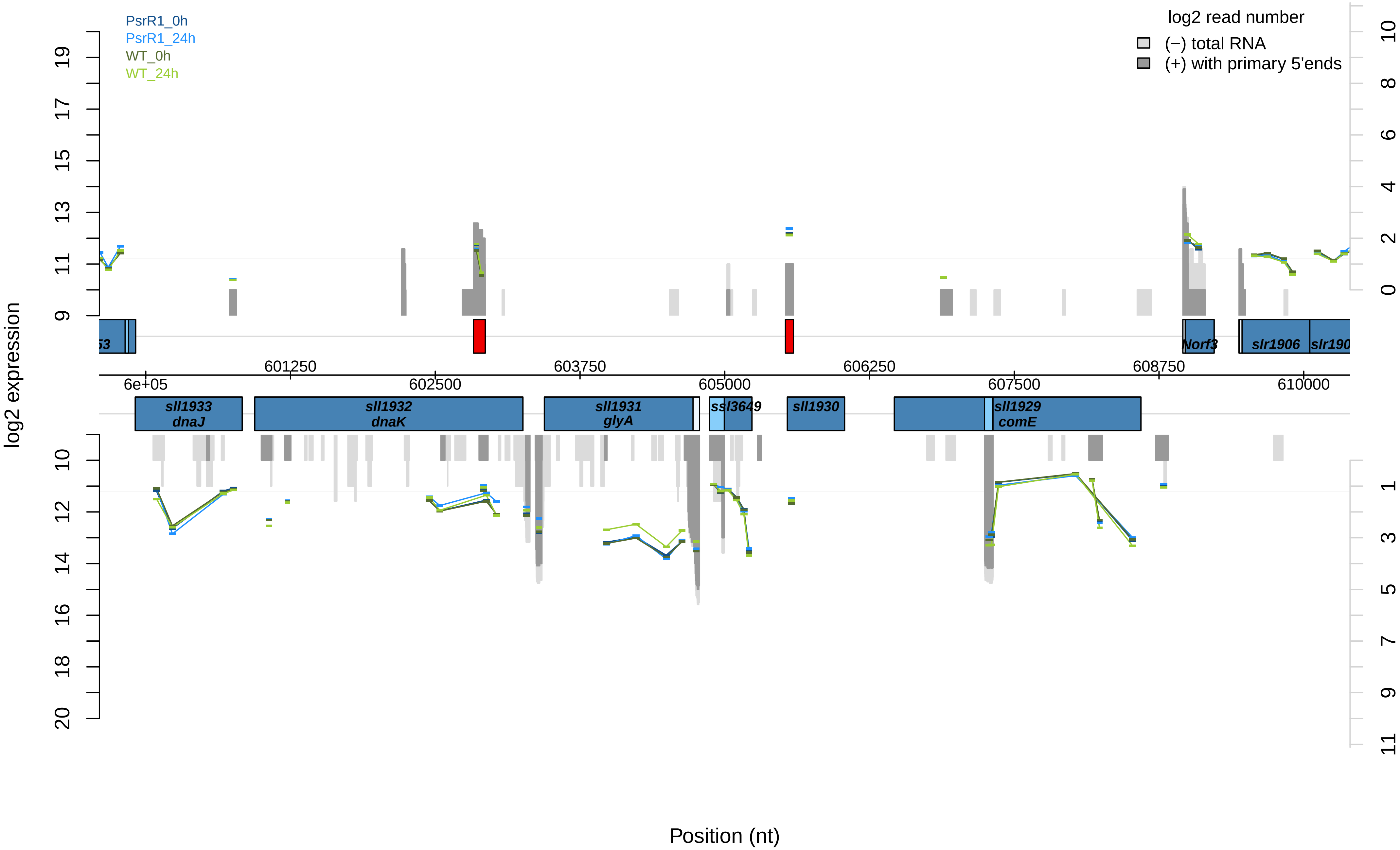
592500
595000
597500
6e+05
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
53
Norf3
slr1906
slr190
601250
603750
606250
608750
6e+05
602500
605000
607500
610000
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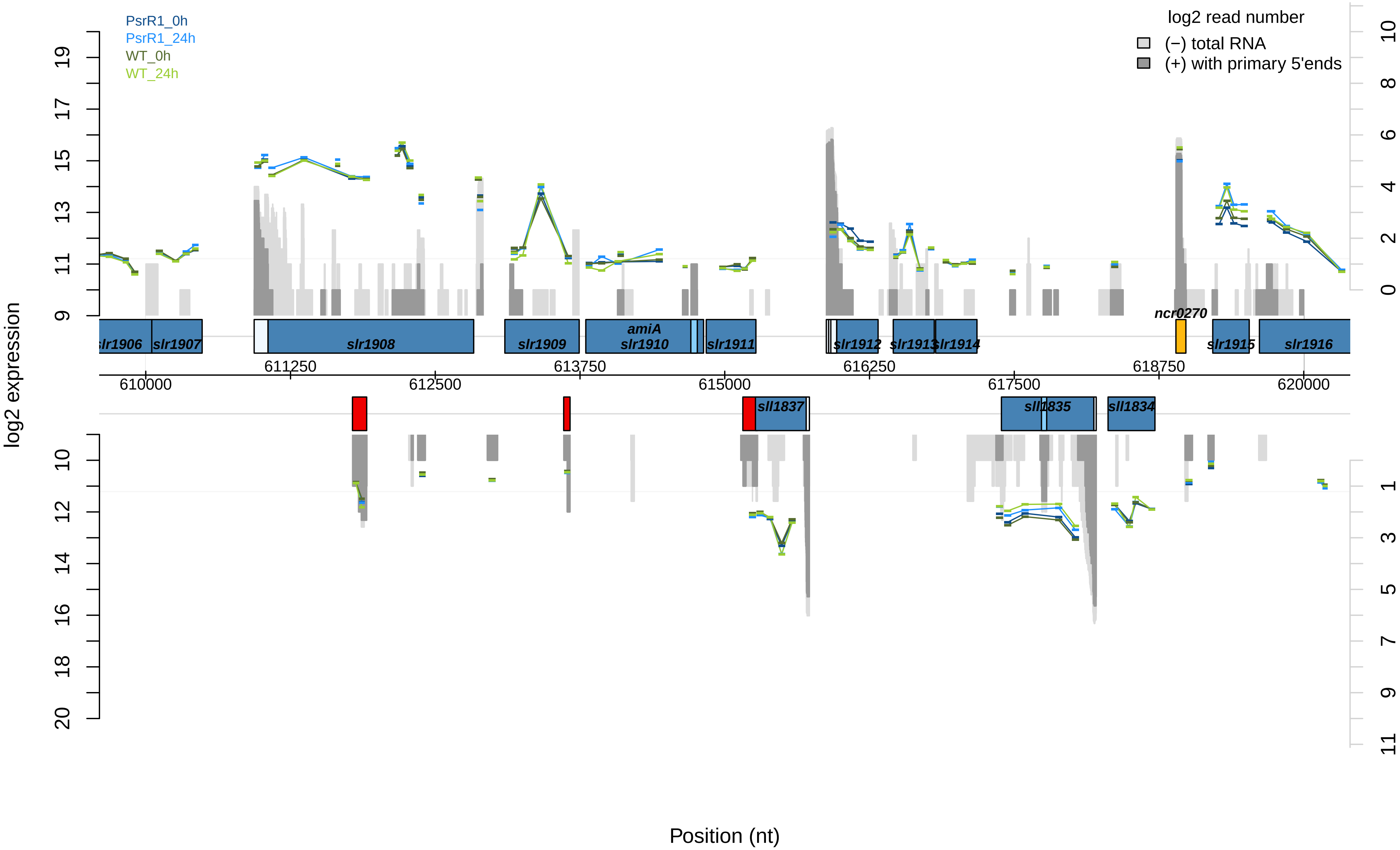
dnaJ
sll1932
dnaK
sll1931
glyA
ssl3649
sll1930
sll1929
comE
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
slr1906
slr1907
slr1908
slr1909
amiA
slr1910
slr1911
slr1912
slr1913
slr1914
ncr0270
slr1915
slr1916
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617500
620000
sll1837
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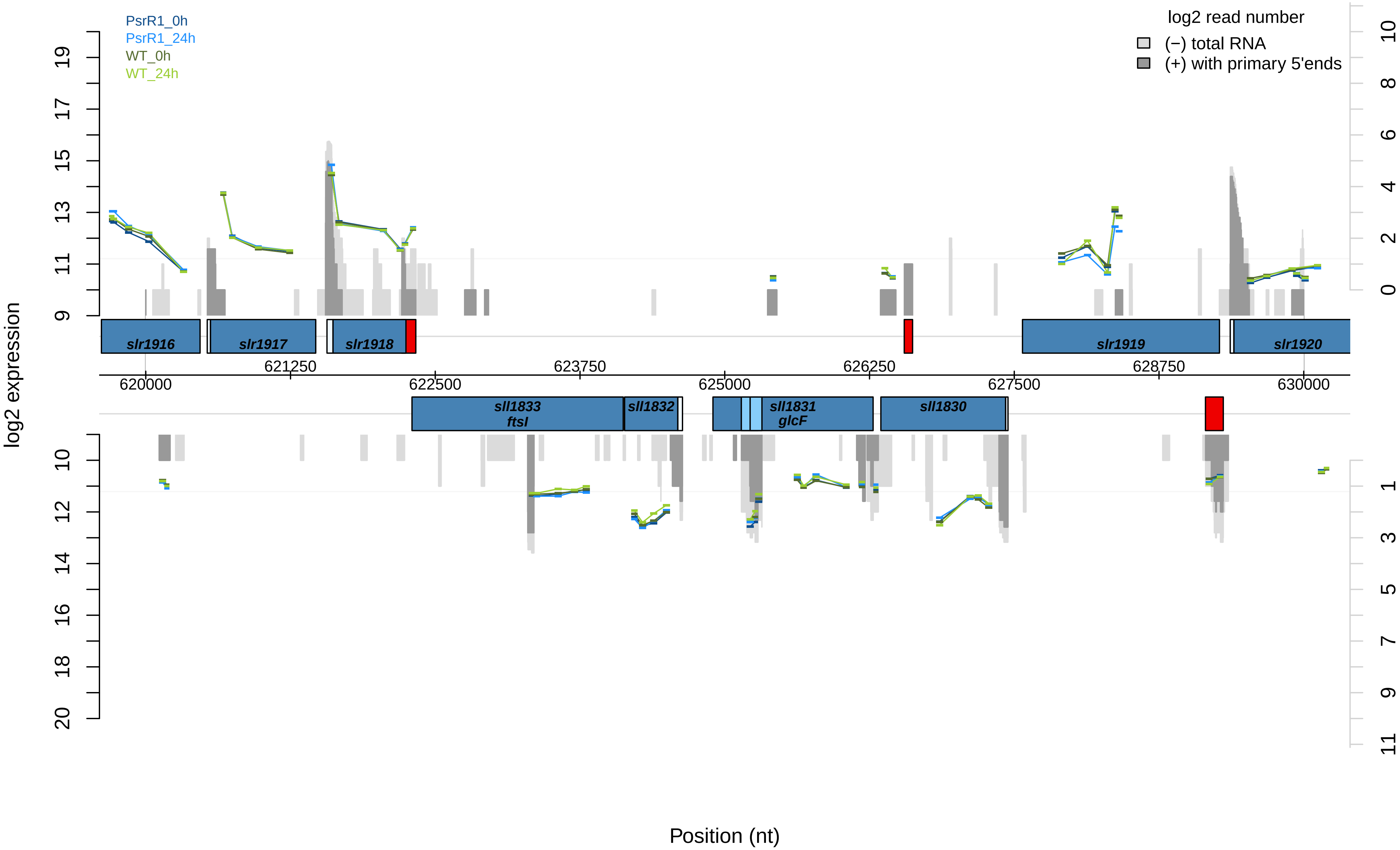
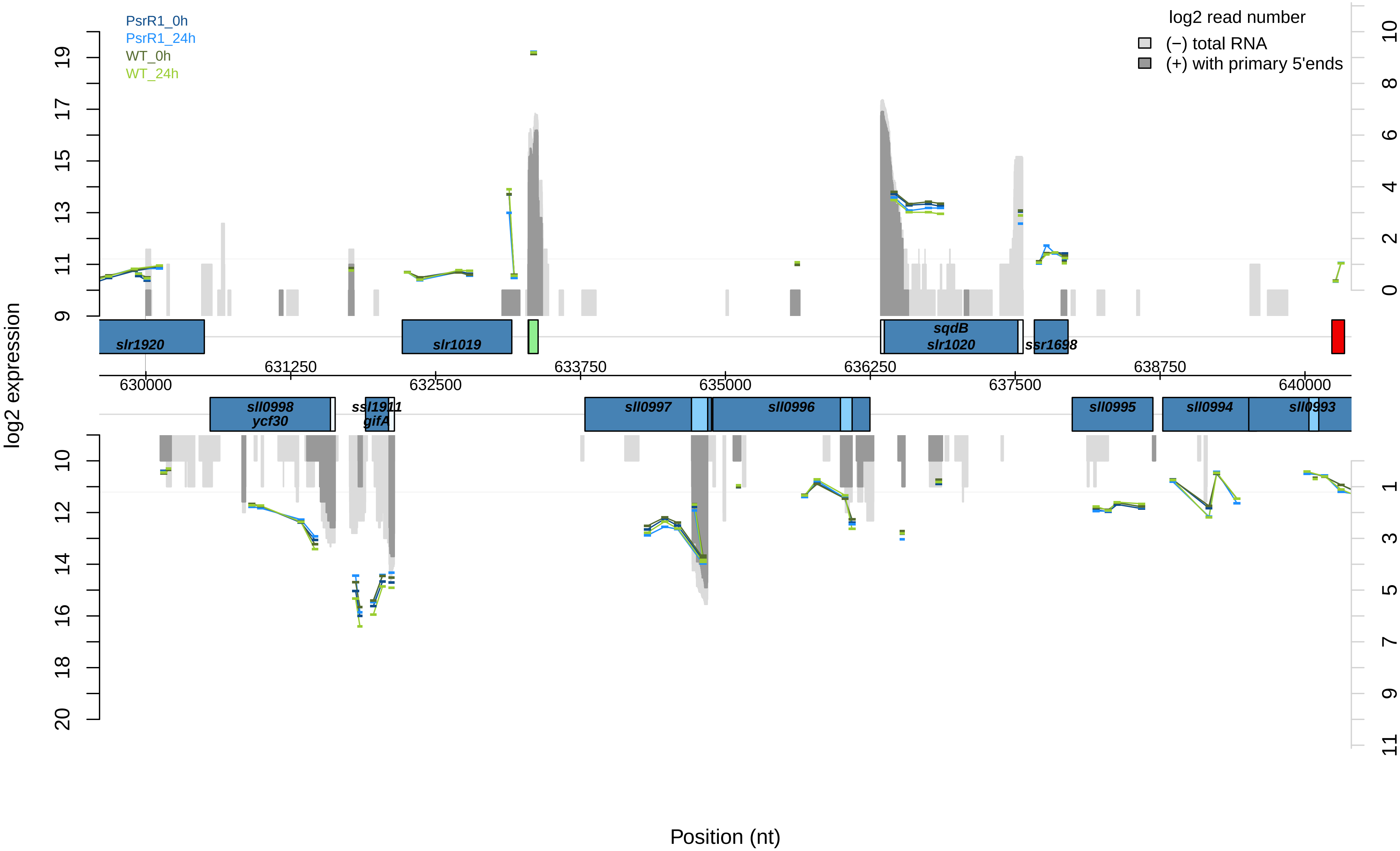
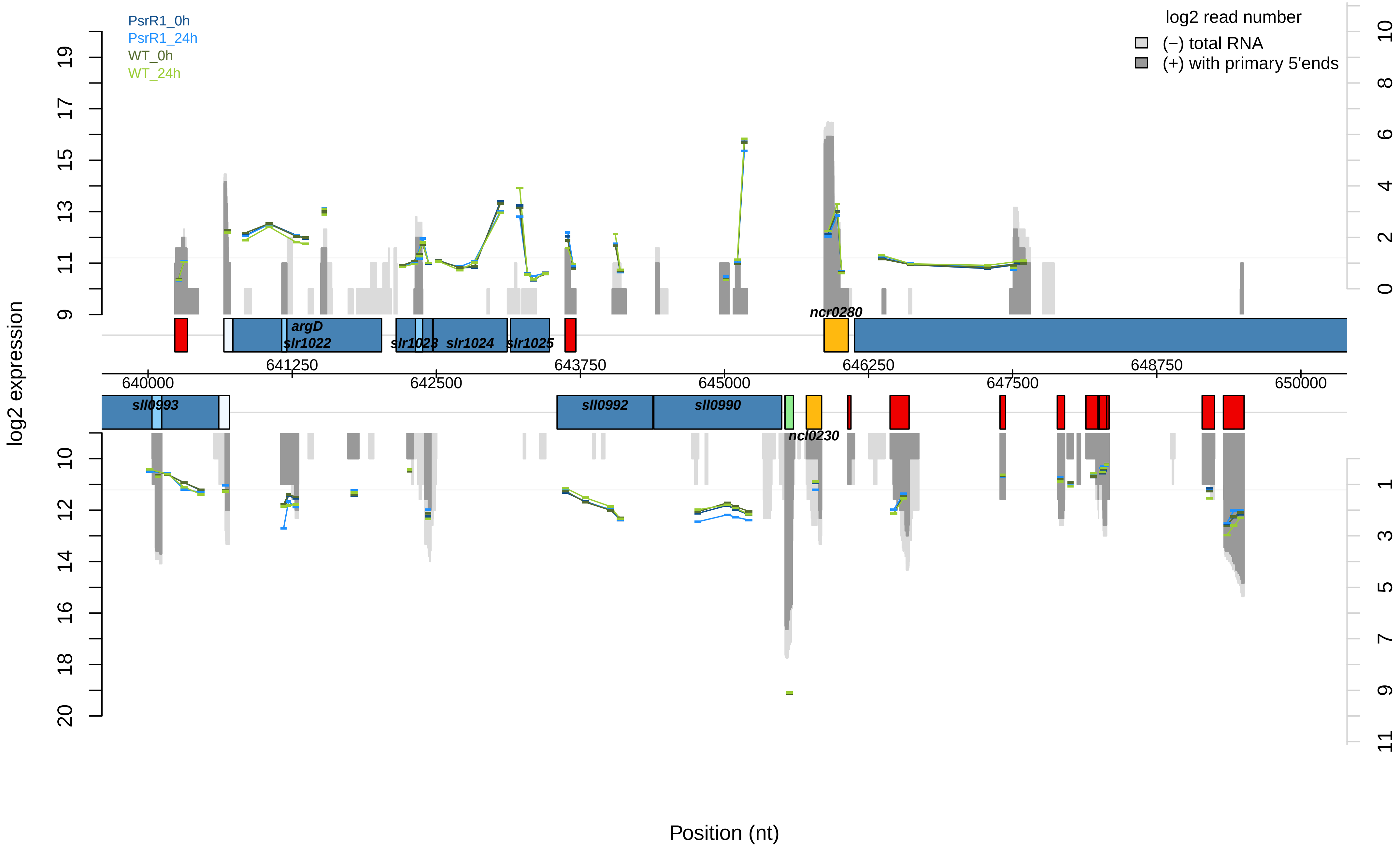
sll1834
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
slr1916
slr1917
slr1918
slr1919
slr1920
621250
623750
626250
628750
620000
622500
625000
627500
630000
sll1833
ftsI
sll1832
sll1831
glcF
sll1830
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▩ (+) with primary 5'ends
log2 expression
9
11
13
15
17
19
0
2
4
6
8
10
slr1920
slr1019
sqdB
slr1020
ssr1698
631250
633750
636250
638750
630000
632500
635000
637500
640000
sll0998
ycf30
ssl1911
gifA
sll0997
sll0996
sll0995
sll0994
sll0993
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
argD
slr1022
slr1023
slr1024
slr1025
ncr0280
sll0993
sll0992
sll0990
ncl0230
640000
641250
642500
643750
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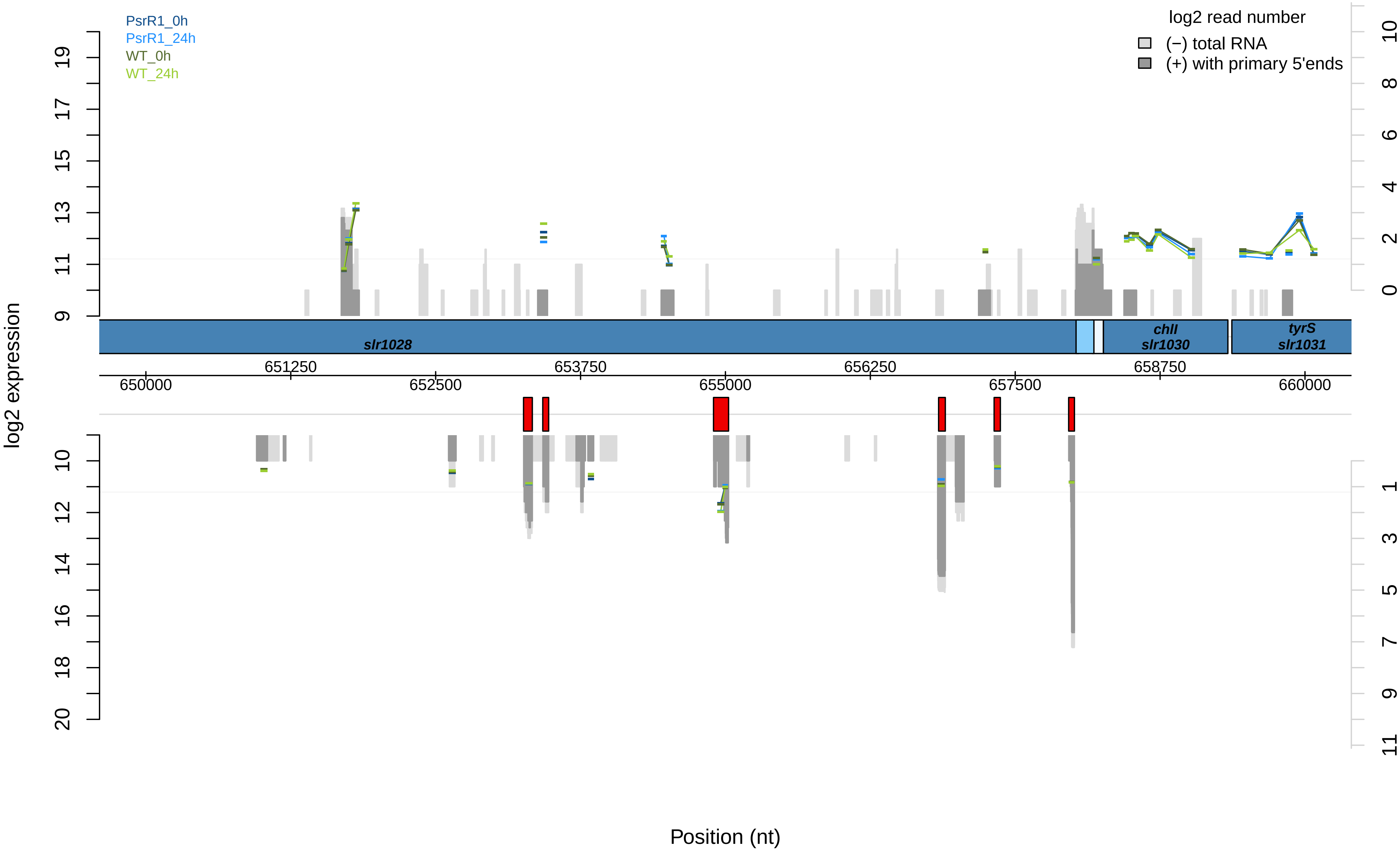
646250
647500
648750
650000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
slr1028
chlI
slr1030
tyrS
slr1031
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652500
653750
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656250
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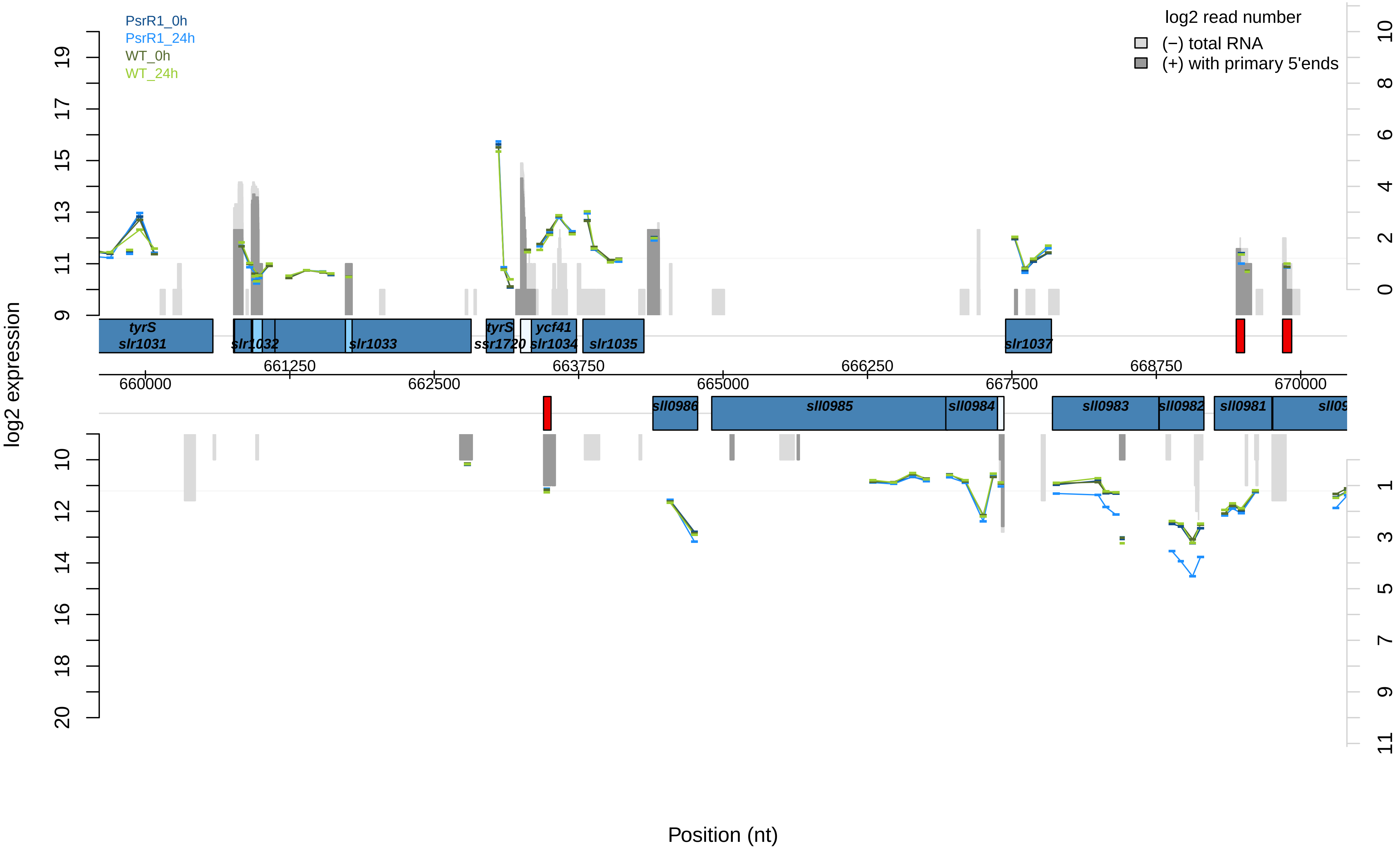
660000
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
tyrS
slr1031
slr1032
slr1033
tyrS
ssr1720
ycf41
slr1034
slr1035
slr1037
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663750
666250
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662500
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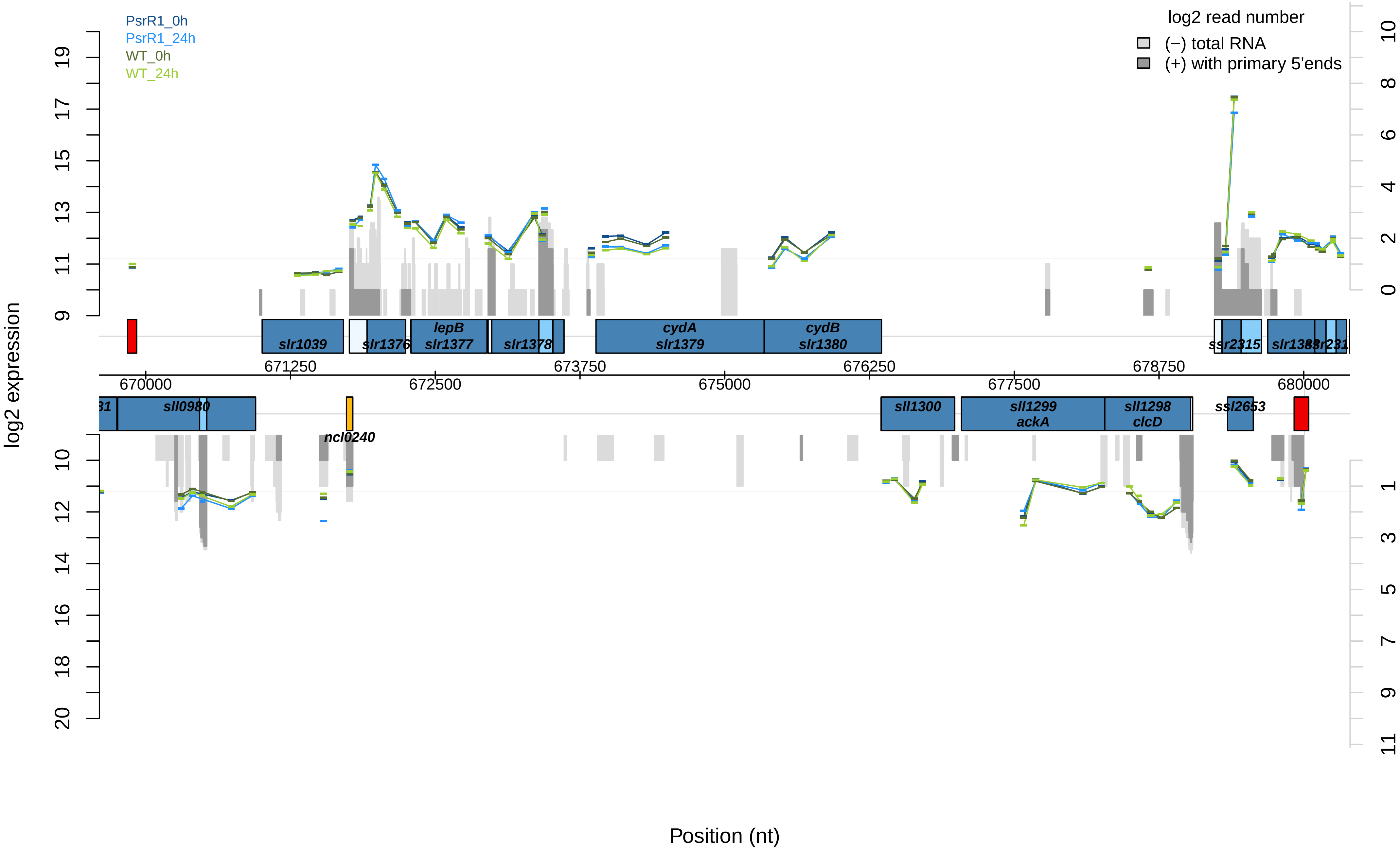
sll0985
sll0984
sll0983
sll0982
sll0981
sll09
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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13
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9
11
slr1039
slr1376
lepB
slr1377
slr1378
cydA
slr1379
cydB
slr1380
ssr2315
slr1383
ssr231
671250
673750
676250
678750
670000
672500
675000
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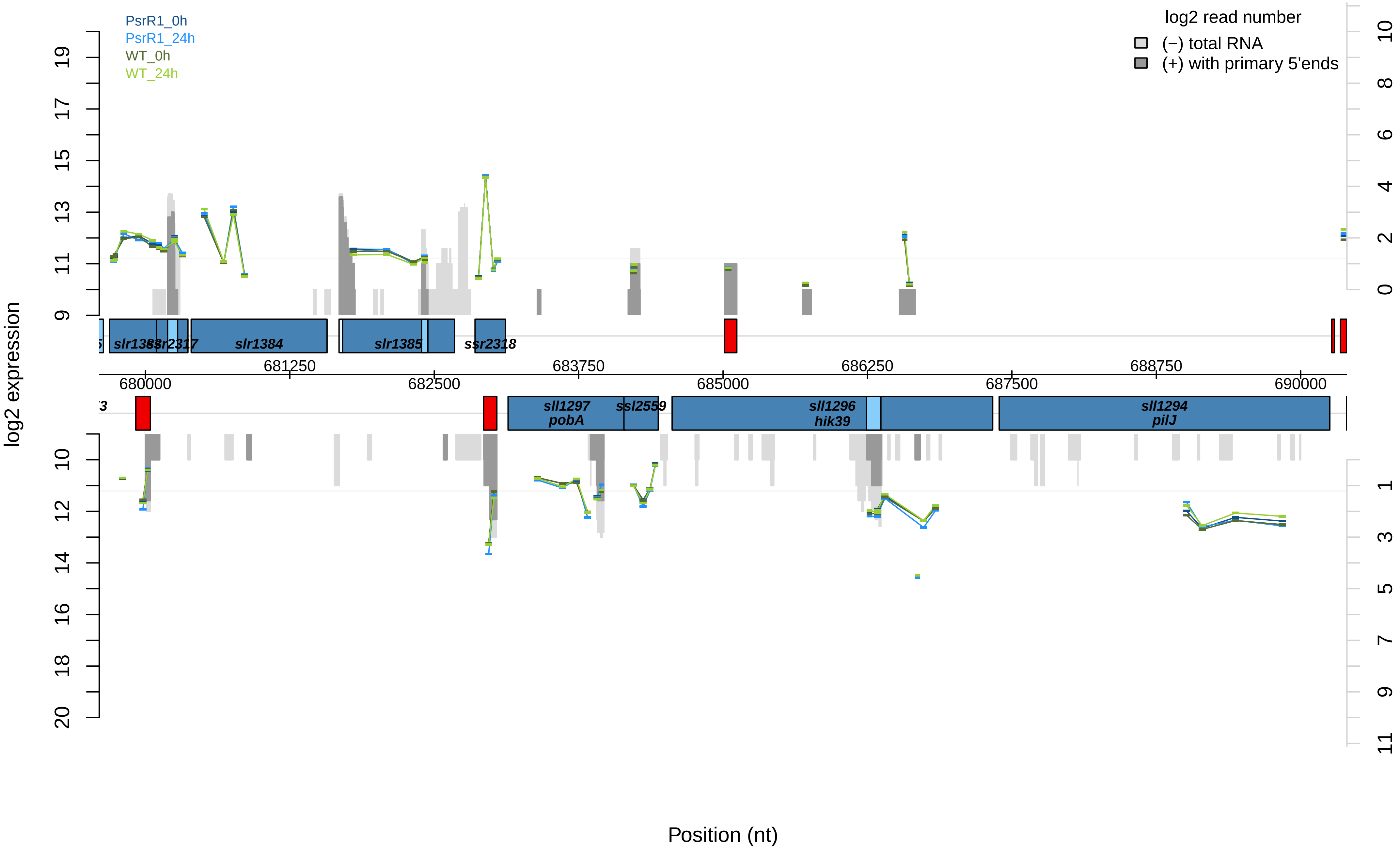
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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17
19
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12
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7
9
11
slr1383
ssr2317
slr1384
slr1385
ssr2318
681250
683750
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688750
680000
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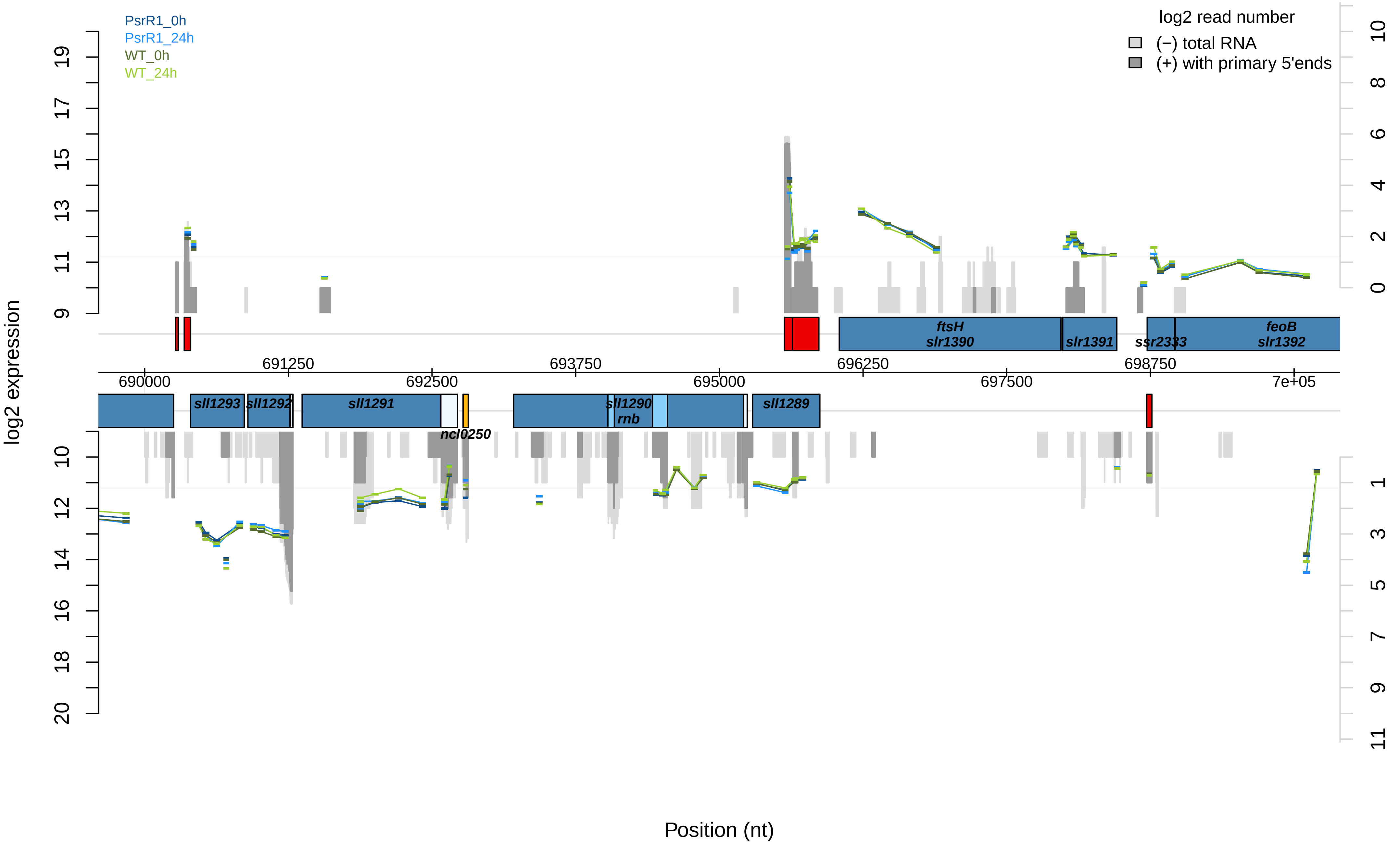
hik39
sll1294
pilJ
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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12
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16
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2
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6
8
10
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3
5
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691250
692500
693750
695000
696250
697500
698750
7e+05
ftsH
slr1390
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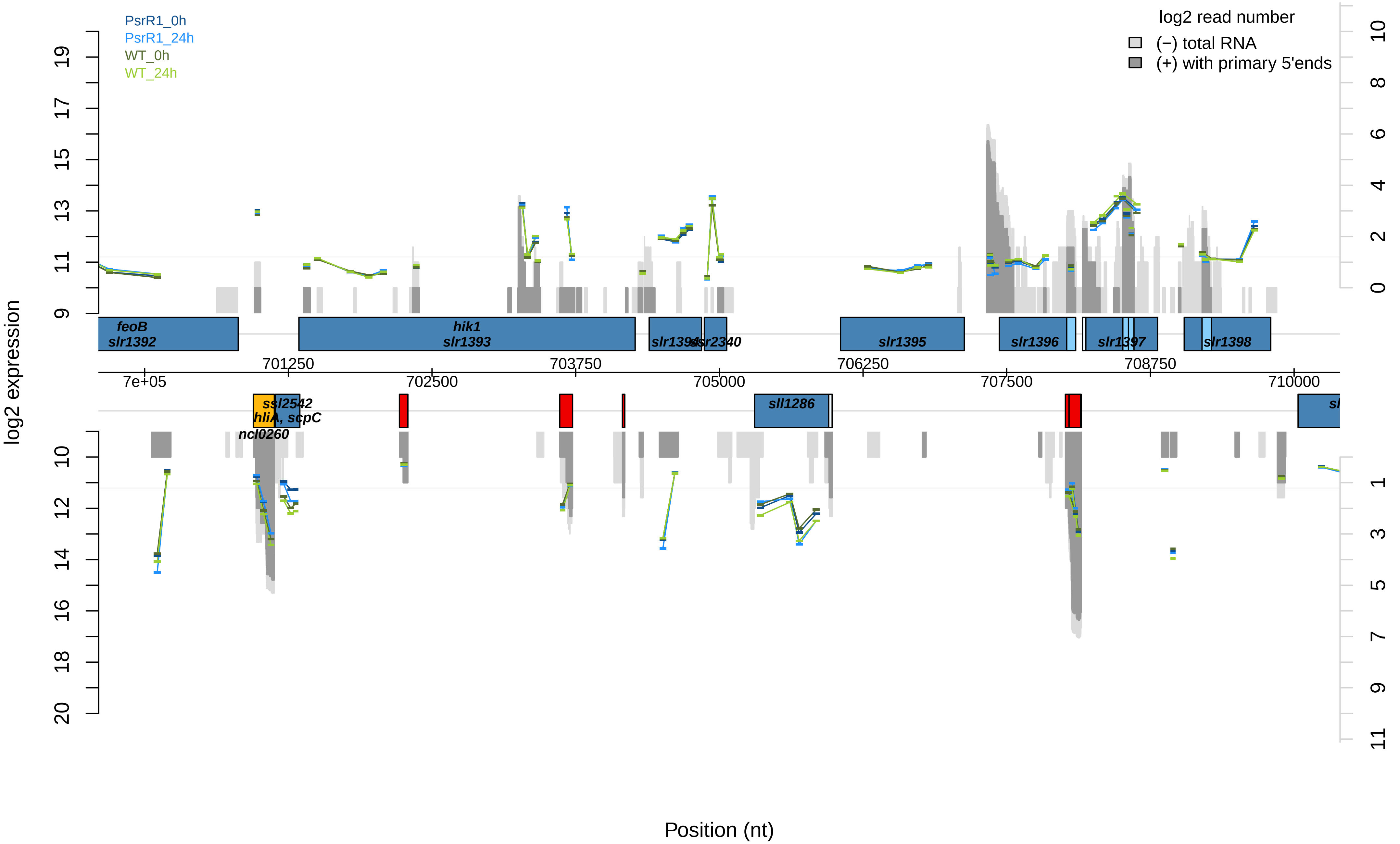
rnb
sll1289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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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5
7
9
11
feoB
slr1392
hik1
slr1393
slr1394
ssr2340
slr1395
slr1396
slr1397
slr1398
701250
703750
706250
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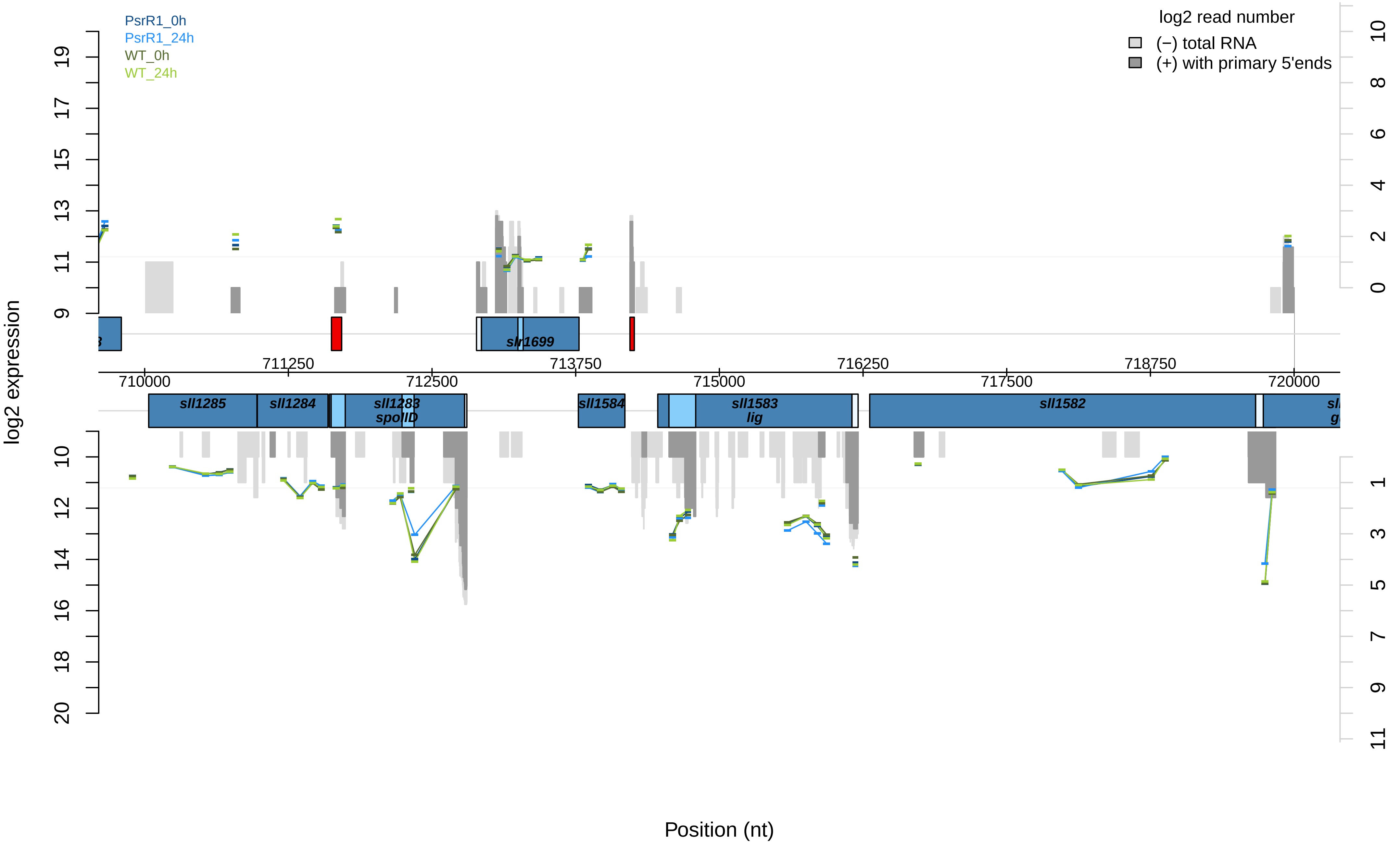
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
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(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
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1
3
5
7
9
11
slr1699
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713750
716250
718750
710000
712500
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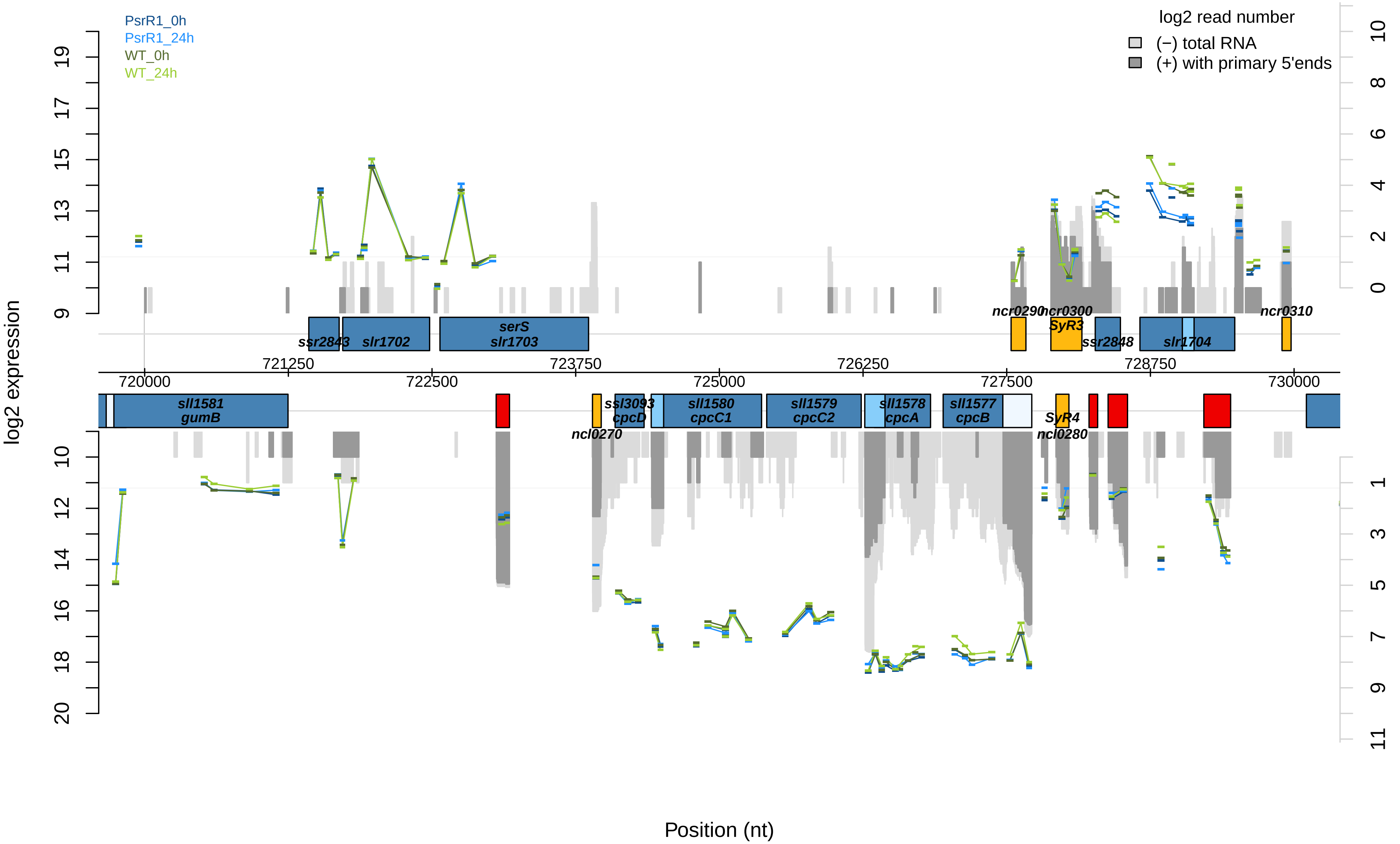
sll1283
spoIID
sll1584
sll1583
lig
sll1582
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
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11
720000
721250
722500
723750
725000
726250
727500
728750
730000
ssr2843
slr1702
serS
slr1703
ncr0290
ncr0300
SyR3
ssr2848
slr1704
ncr0310
sll1581
gumB
ncl0270
ssl3093
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cpcB
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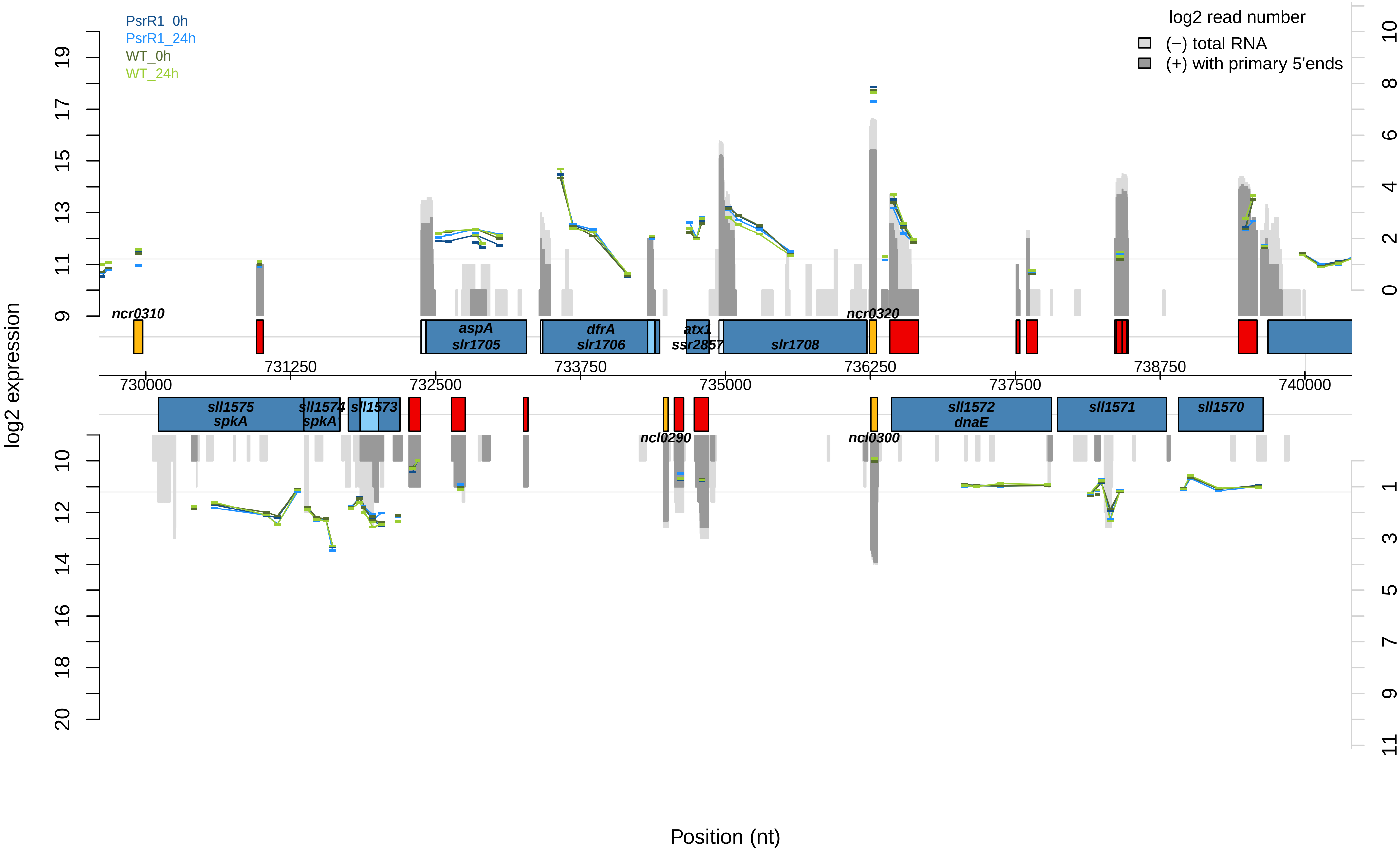
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PsrR1_24h
WT_0h
WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
Position (nt)
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aspA
slr1705
dfrA
slr1706
atx1
ssr2857
slr1708
ncr0320
sll1575
spkA
sll1574
spkA'
sll1573
ncl0290
ncl0300
sll1572
dnaE
sll1571
sll1570
730000
731250
732500
733750
735000
736250
737500
738750
740000
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11
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9
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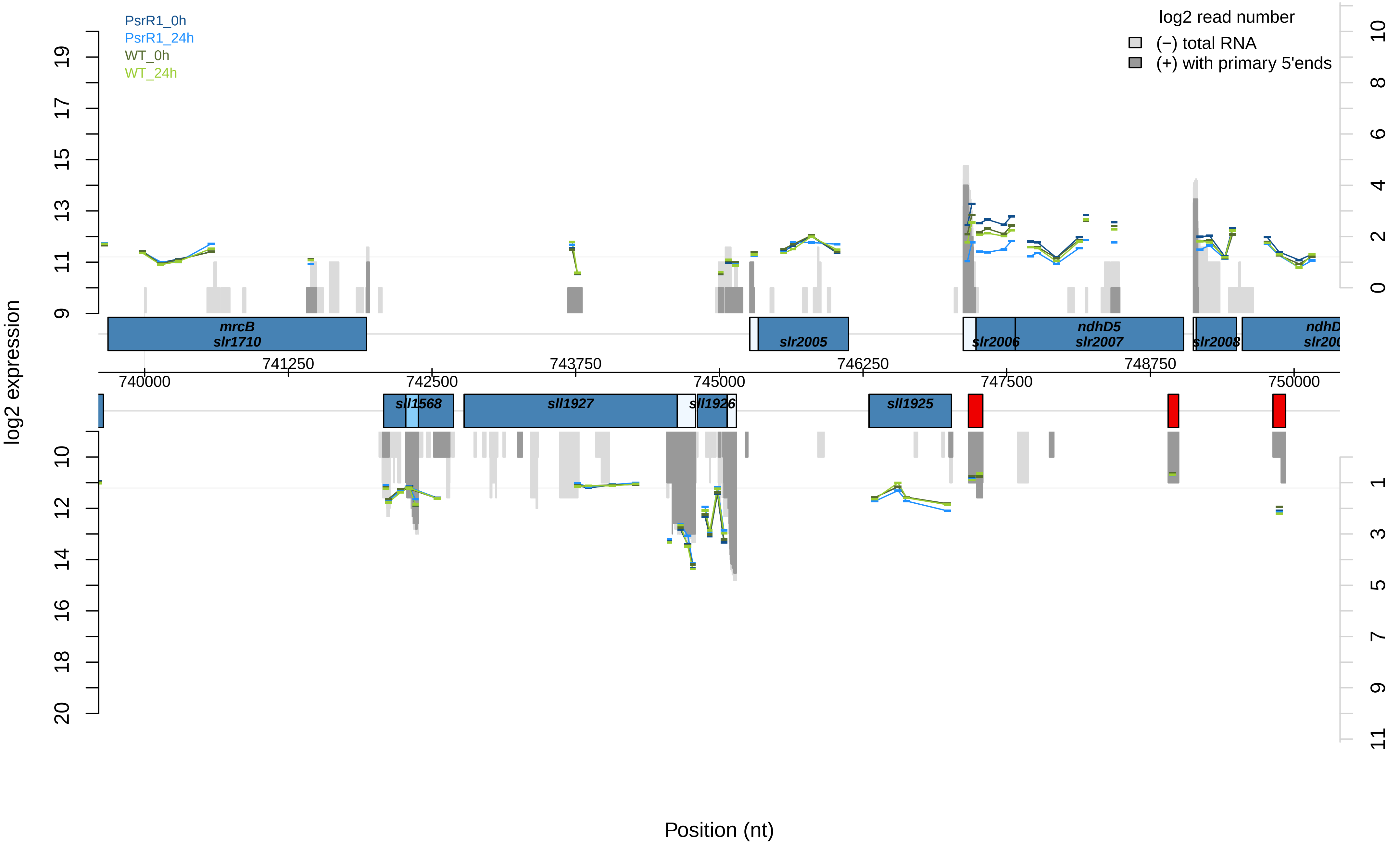
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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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3
5
7
9
11
mrcB
slr1710
slr2005
slr2006
ndhD5
slr2007
slr2008
ndhD
slr200
sll1568
sll1927
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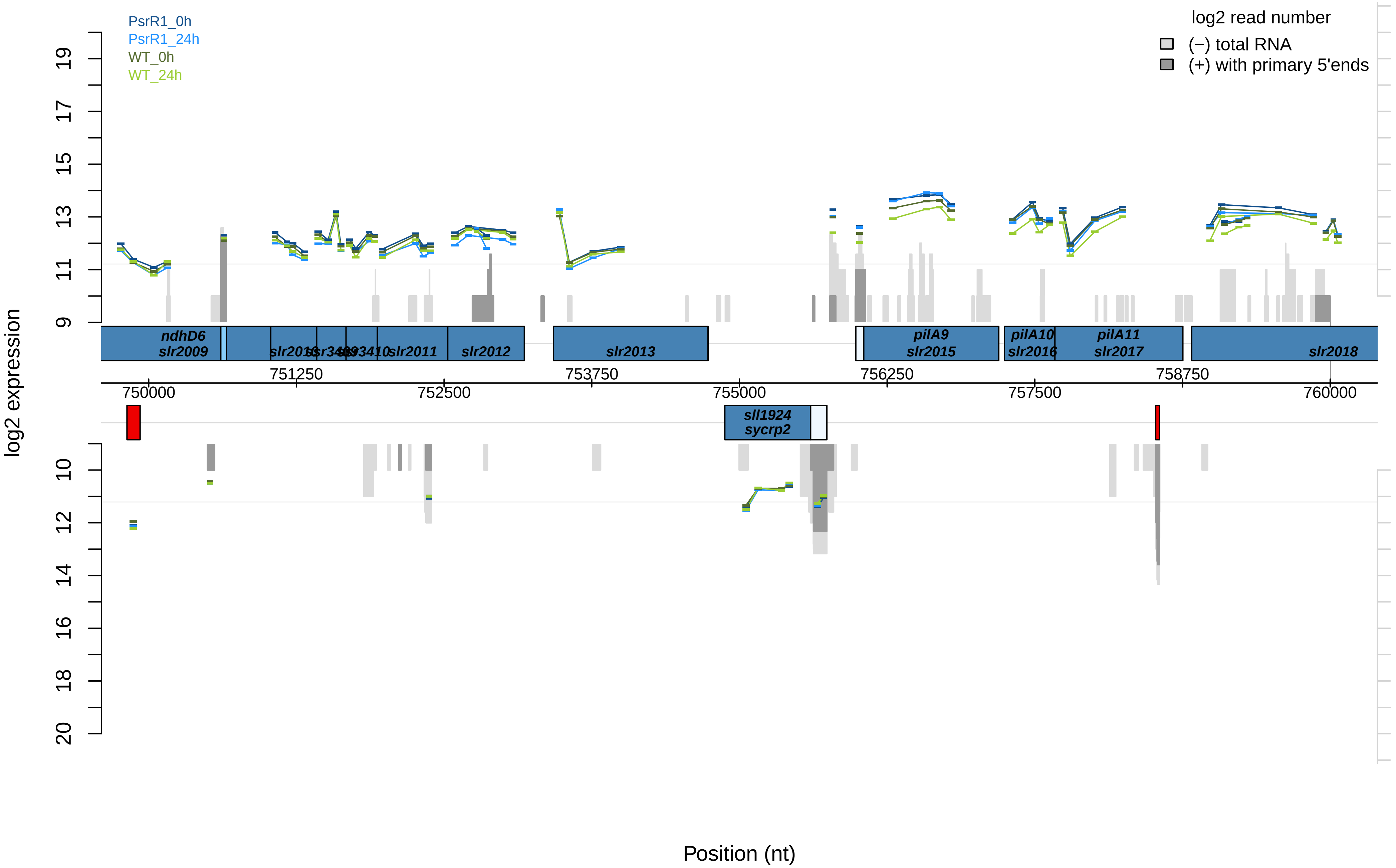
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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3
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9
11
ndhD6
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slr2010
ssr3409
ssr3410
slr2011
slr2012
slr2013
pilA9
slr2015
pilA10
slr2016
pilA11
slr2017
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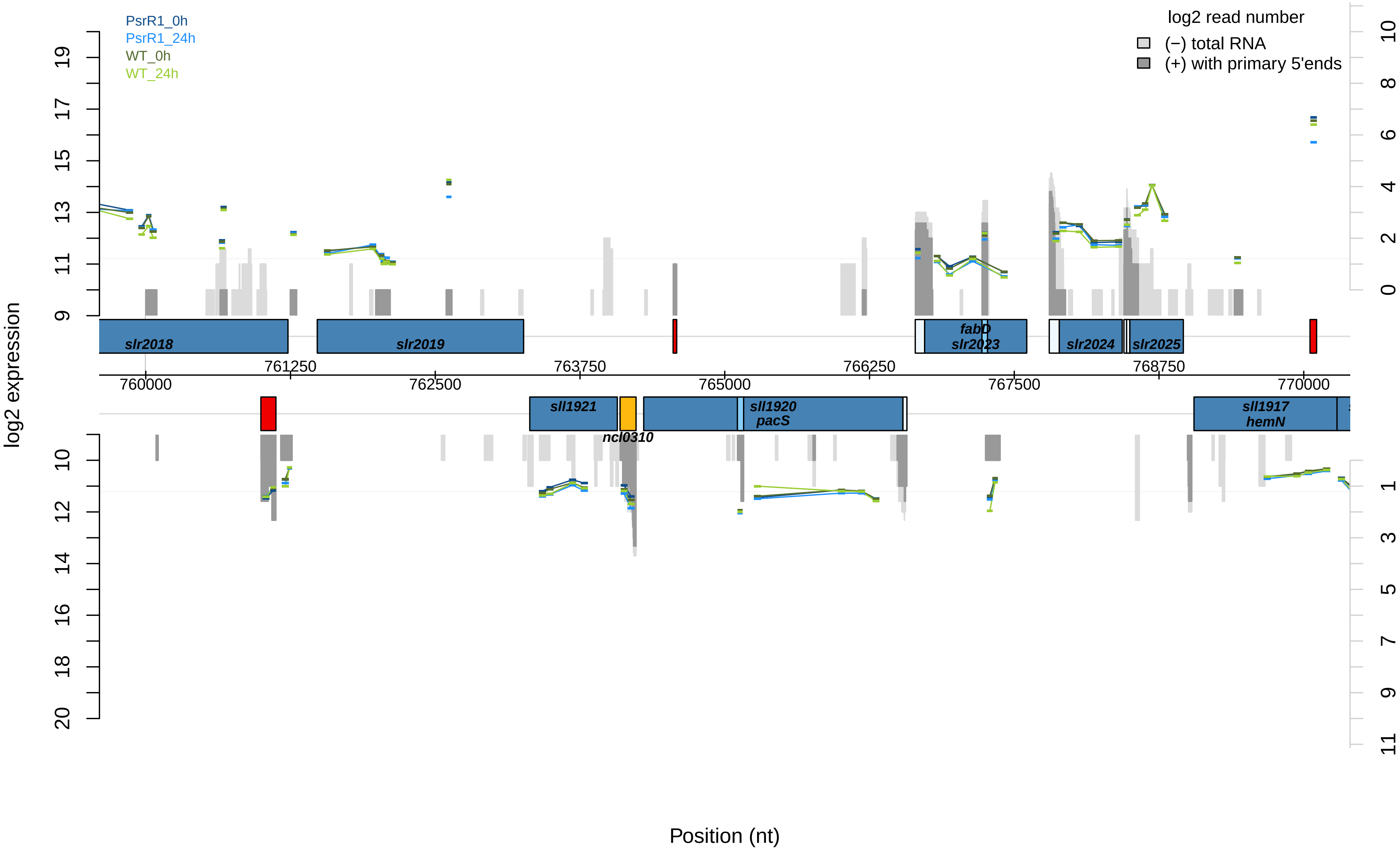
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
9
11
slr2018
slr2019
fabD
slr2023
slr2024
slr2025
sll1921
ncl0310
sll1920
pacS
sll1917
hemN
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762500
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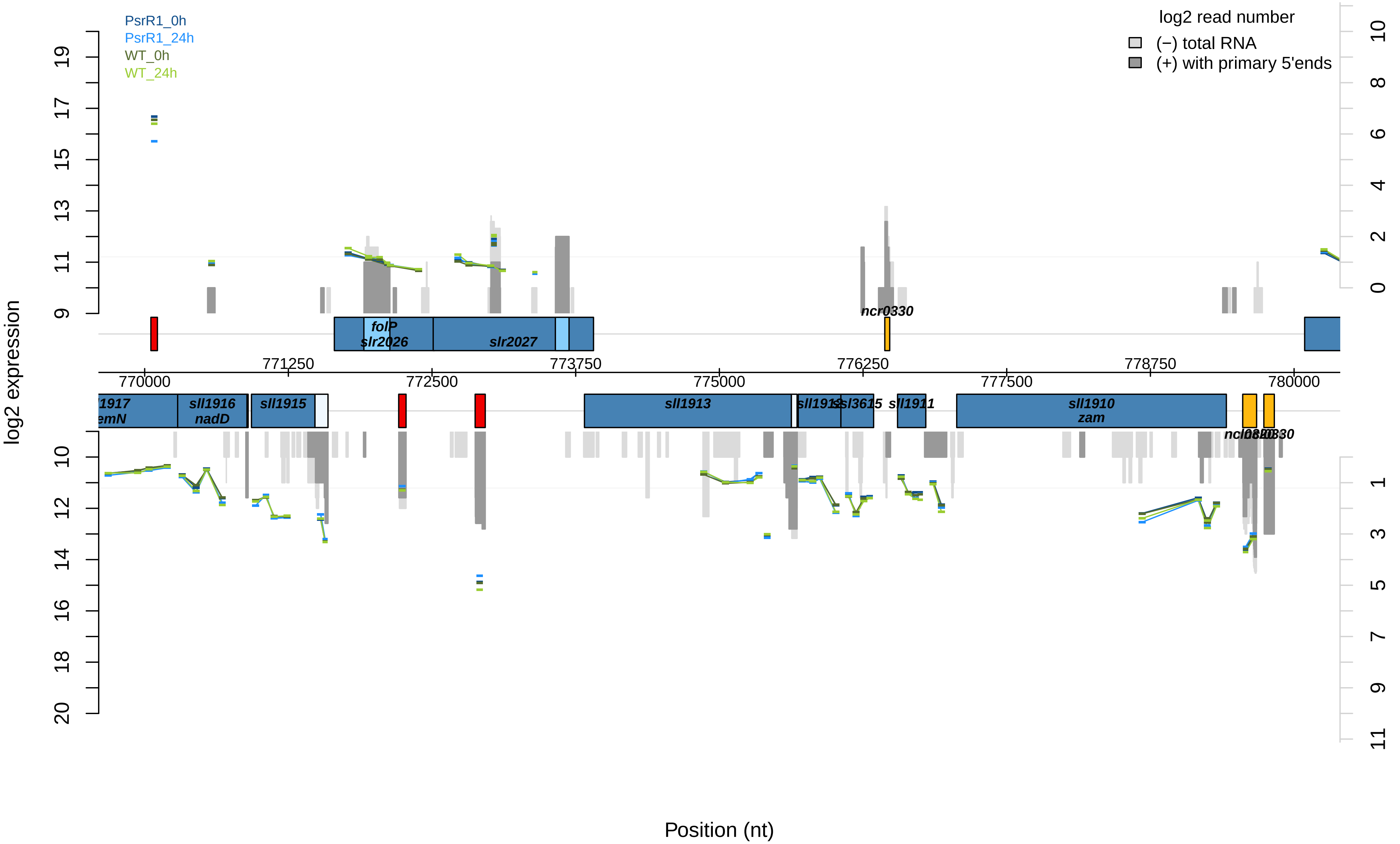
770000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
9
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8
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2
0
folP
slr2026
slr2027
ncr0330
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776250
778750
770000
772500
775000
777500
780000
l1917
emN
sll1916
nadD
sll1915
sll1913
sll1912
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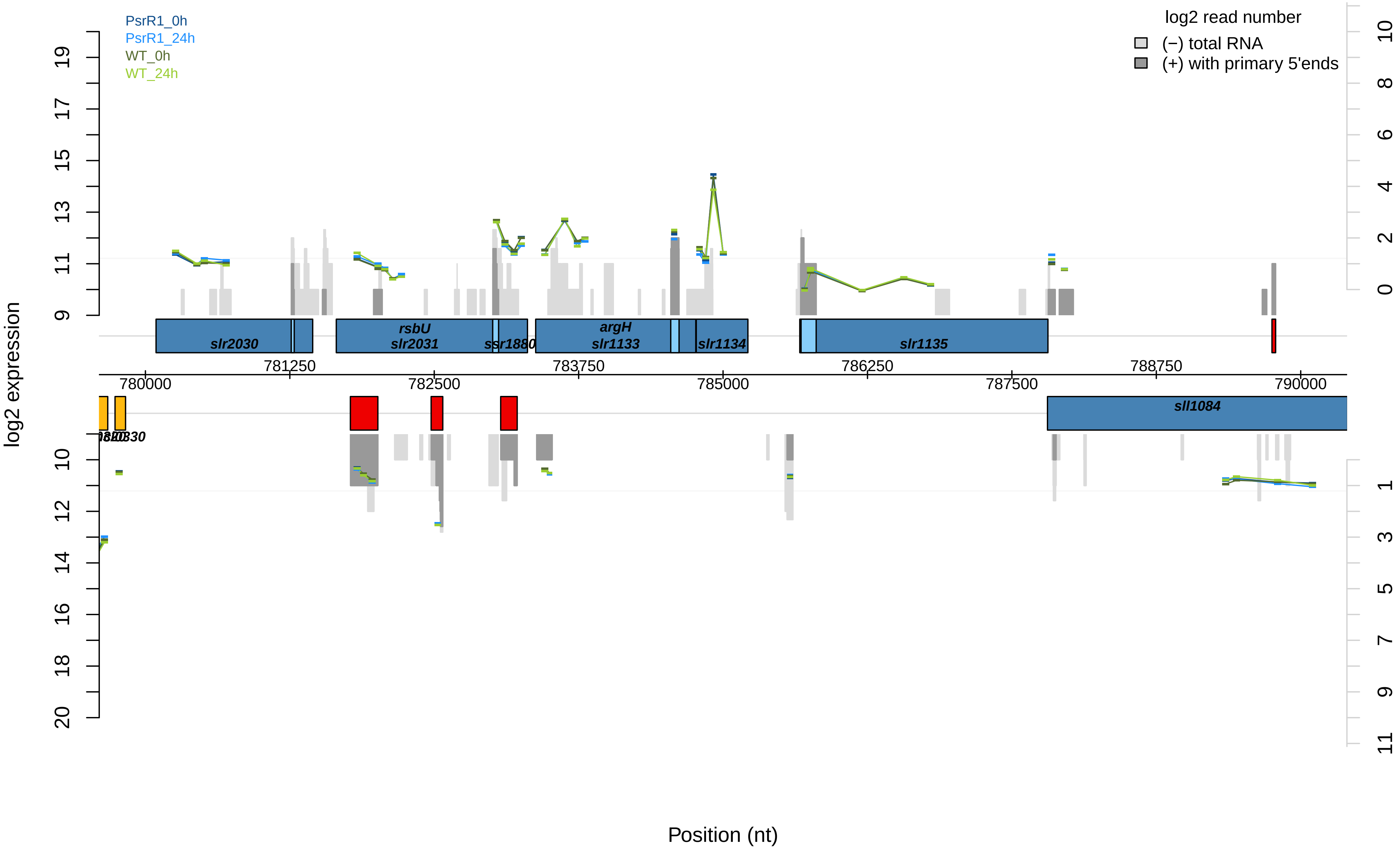
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
13
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6
8
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1
3
5
7
9
11
slr2030
rsbU
slr2031
ssr1880
argH
slr1133
slr1134
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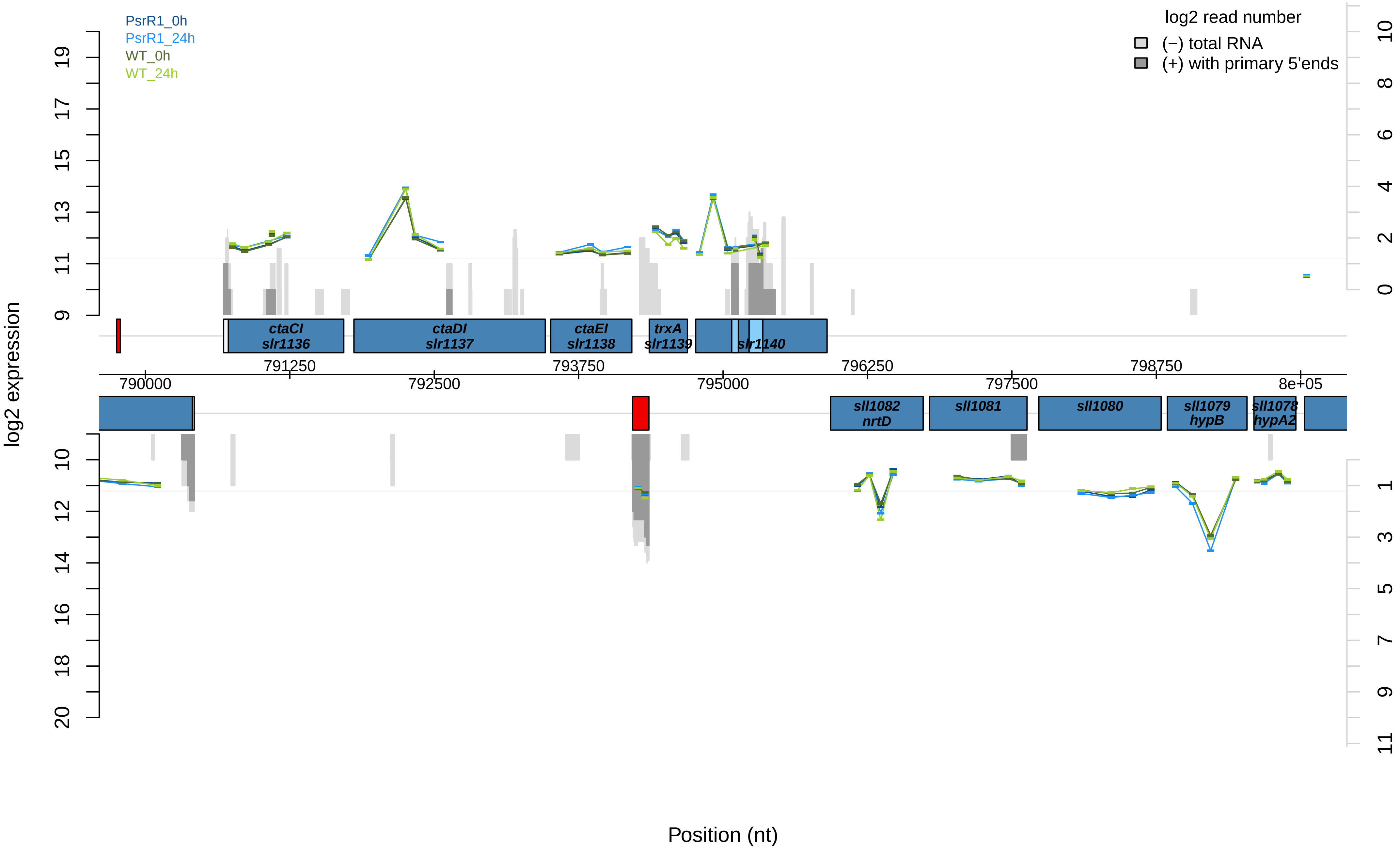
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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3
5
7
9
11
ctaCI
slr1136
ctaDI
slr1137
ctaEI
slr1138
trxA
slr1139
slr1140
791250
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798750
790000
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795000
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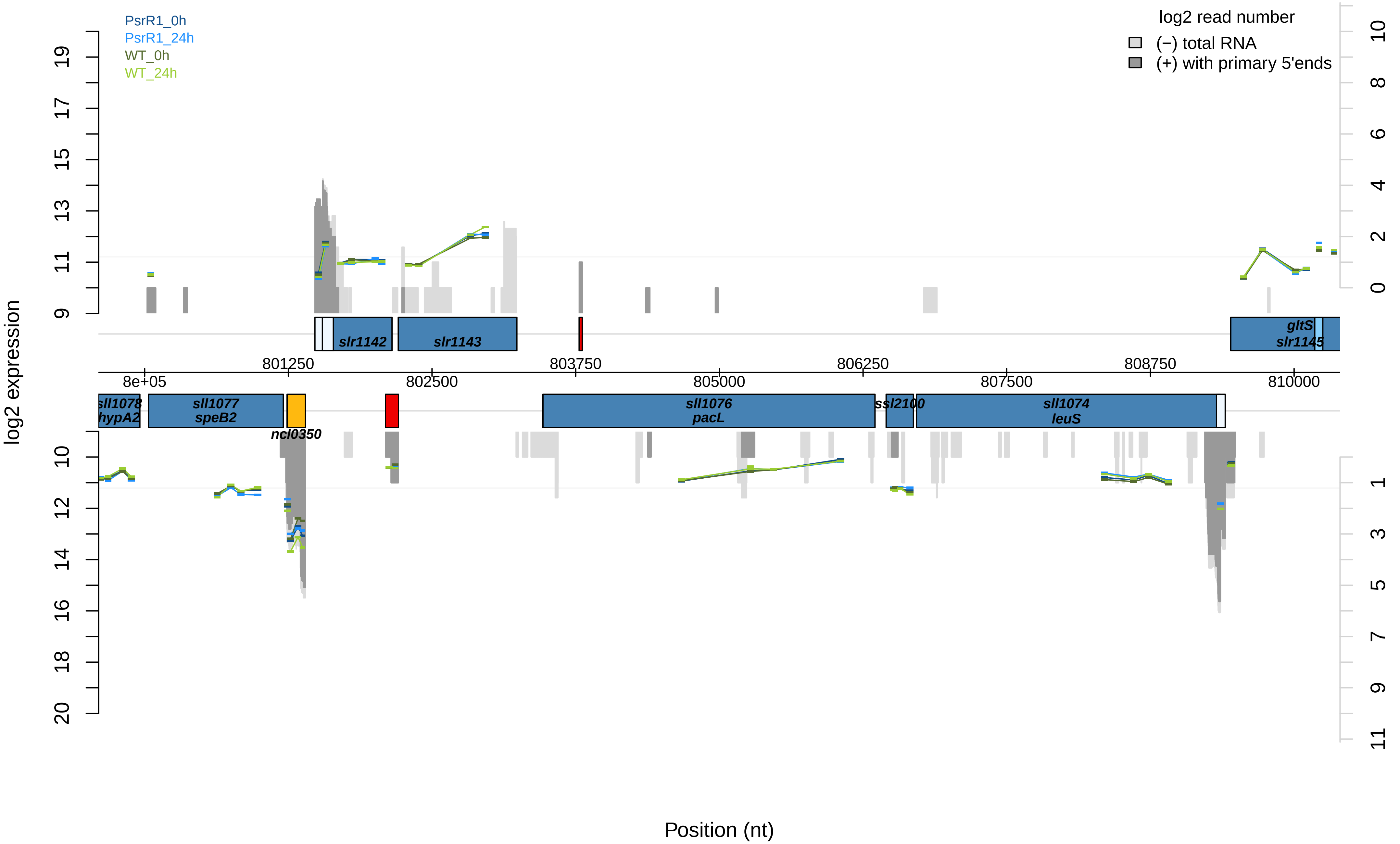
sll1078
hypA2
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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6
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slr1142
slr1143
gltS
slr1145
801250
803750
806250
808750
8e+05
802500
805000
807500
810000
sll1078
hypA2
sll1077
speB2
ncl0350
sll1076
pacL
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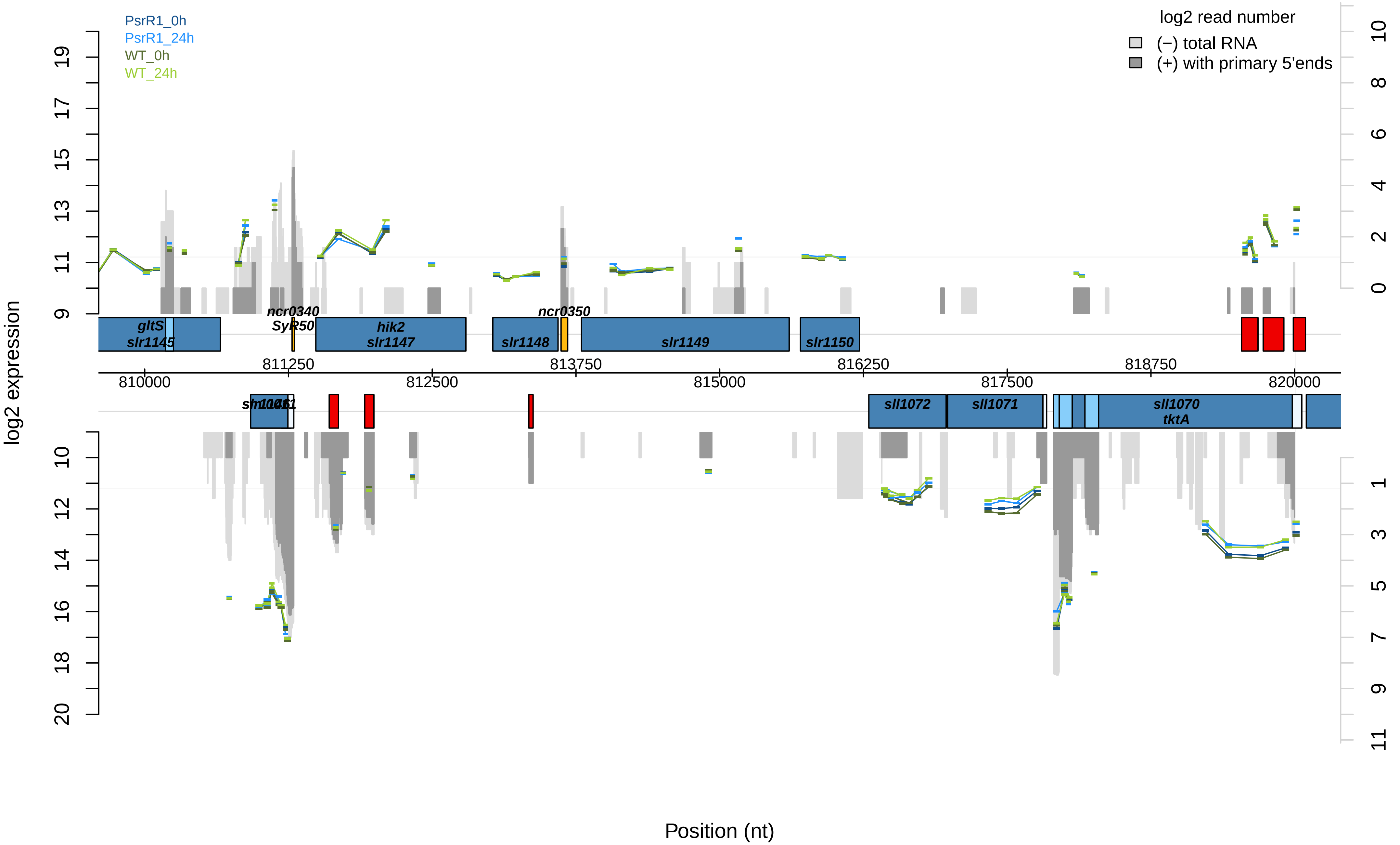
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
gltS
slr1145
ncr0340
SyR50
hik2
slr1147
slr1148
ncr0350
slr1149
slr1150
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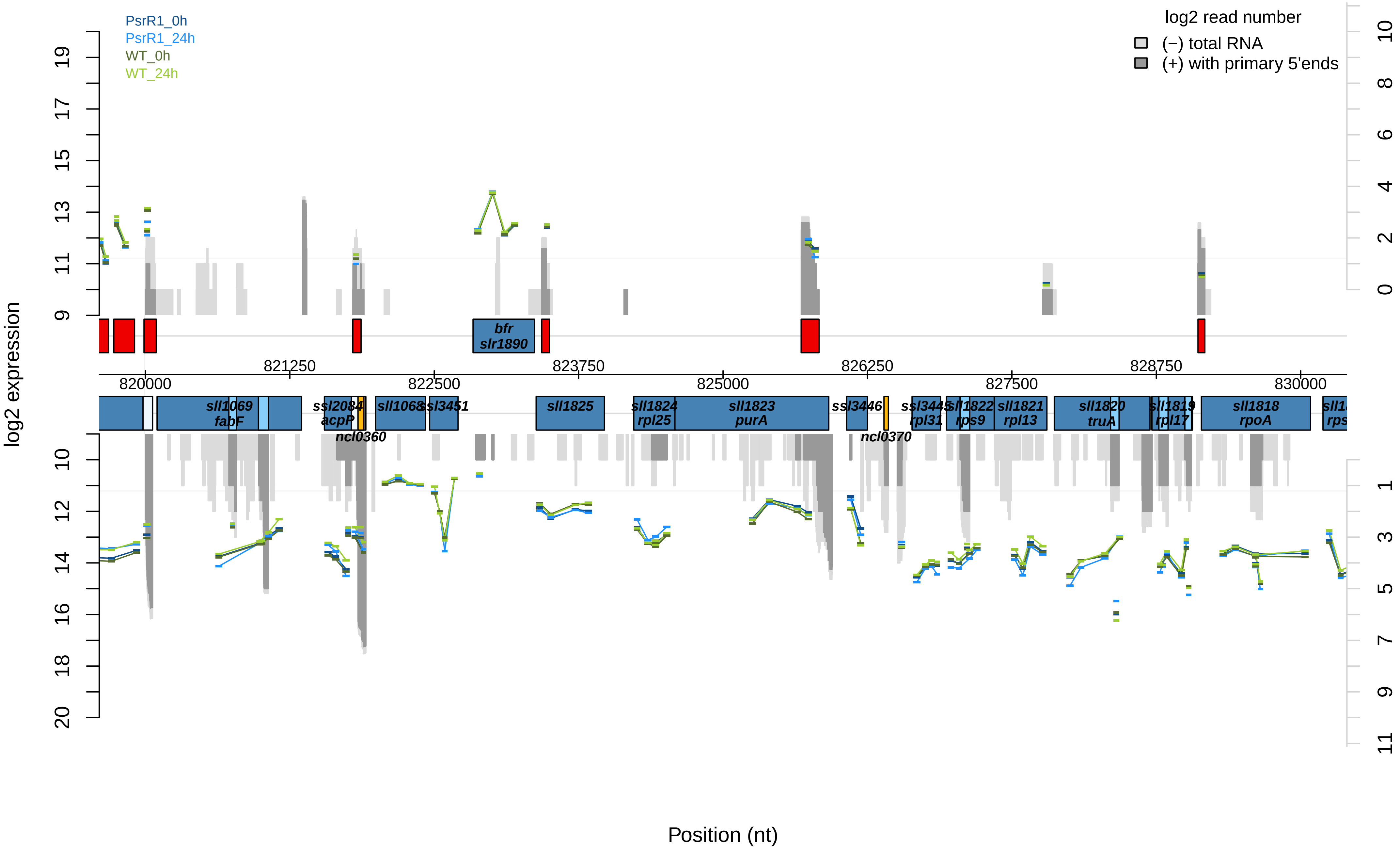
Position (nt)


PsrR1_0h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
19
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820000
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acpP
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sll1824
rpl25
sll1823
purA
ssl3446
ncl0370
ssl3445
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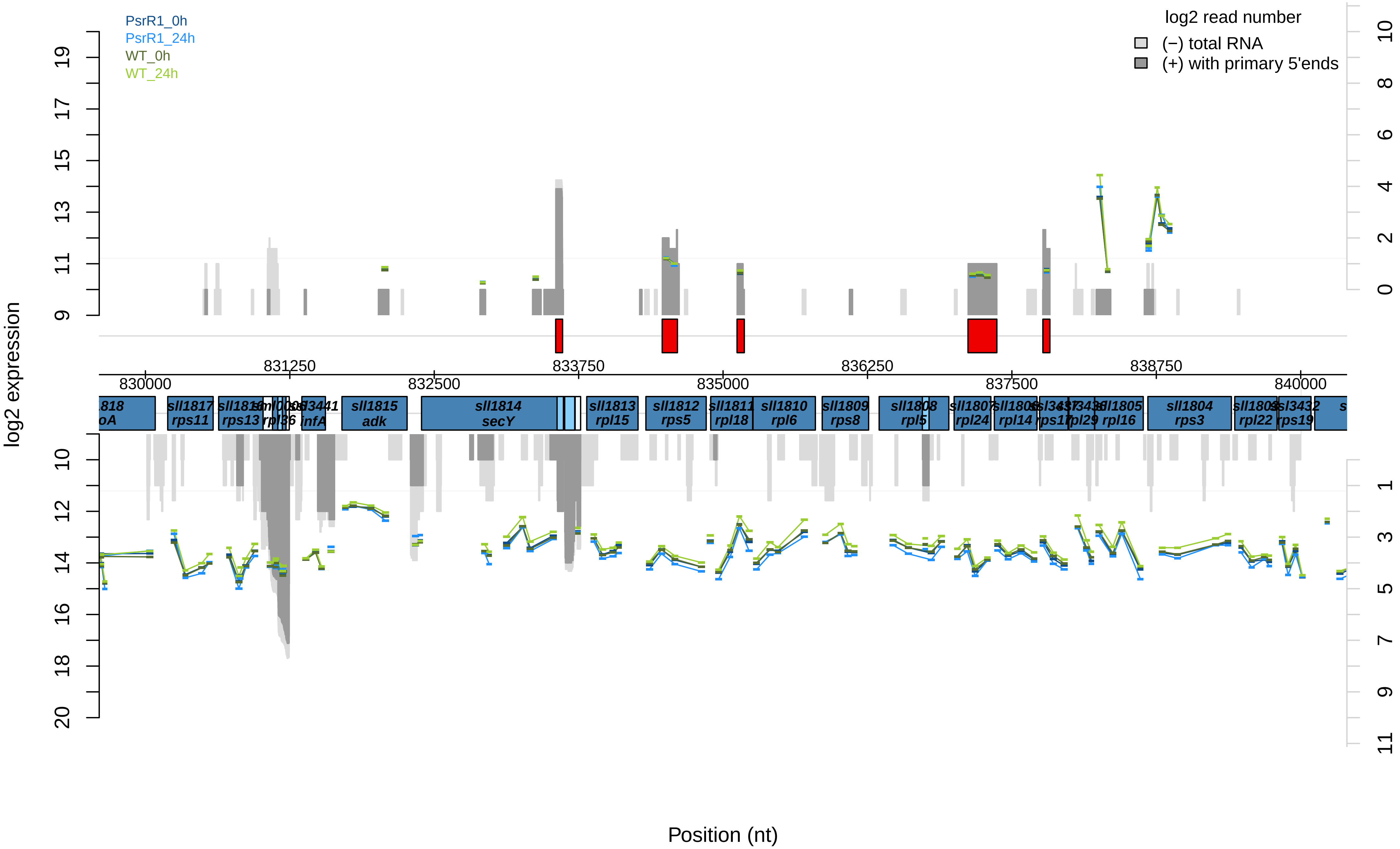PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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840000
818
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sll1814
secY
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rpl6
sll1809
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rpl5
sll1807
rpl24
sll1806
rpl14
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rps17
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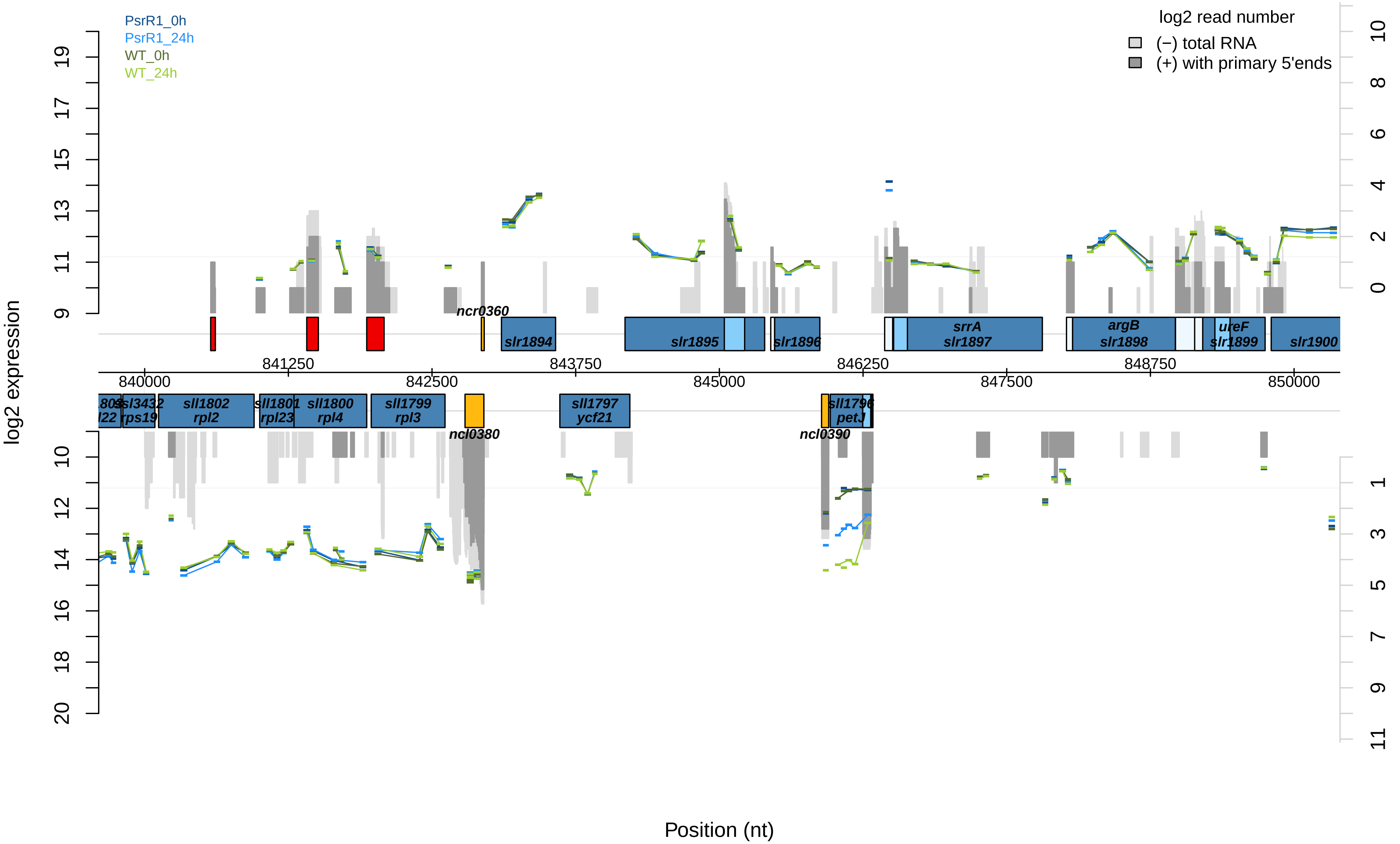
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
ncr0360
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slr1895
slr1896
srrA
slr1897
argB
slr1898
ureF
slr1899
slr1900
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845000
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sl3432
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rpl2
sll1801
rpl23
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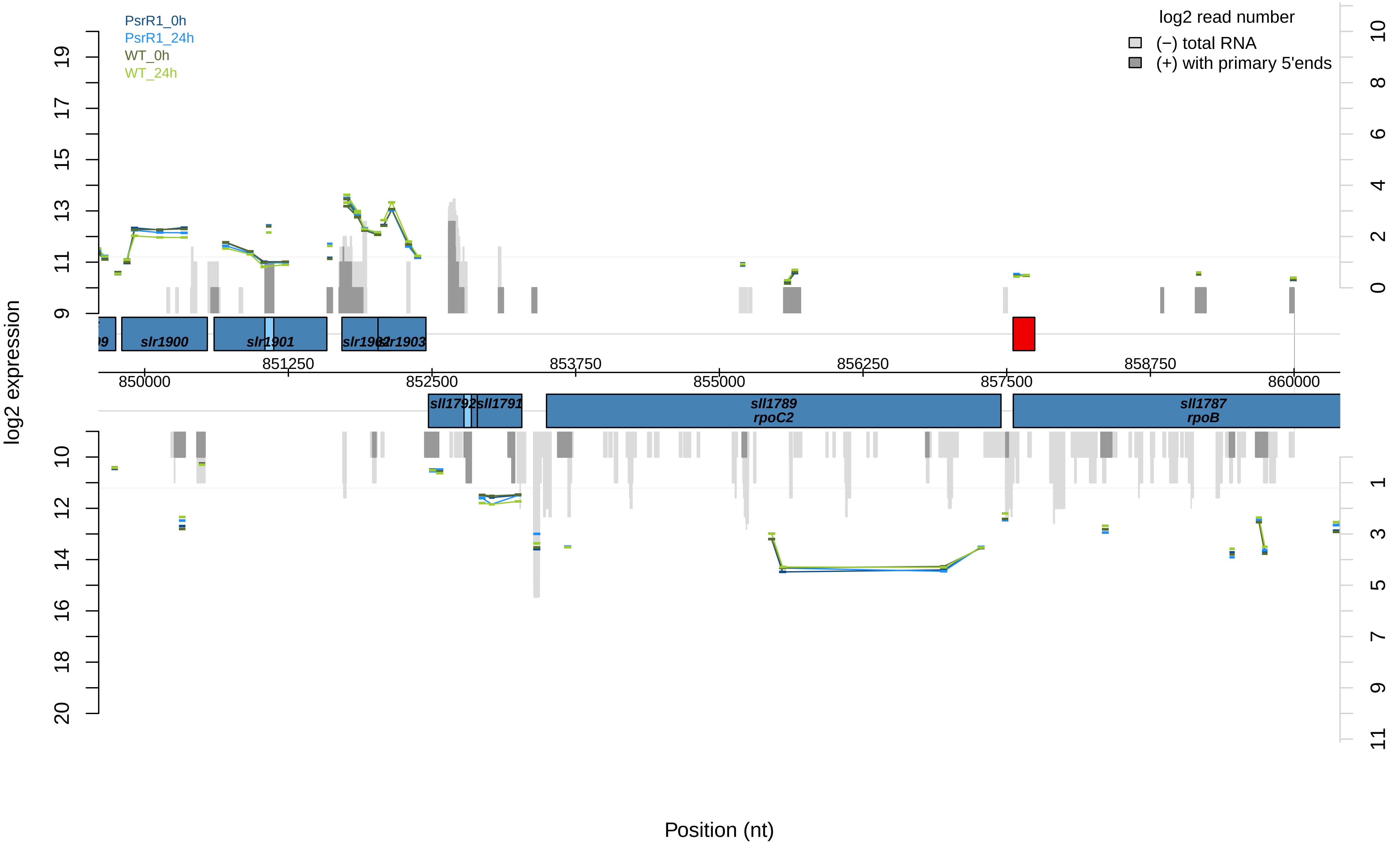
Position (nt)


PsrR1_0h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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slr1902
slr1903
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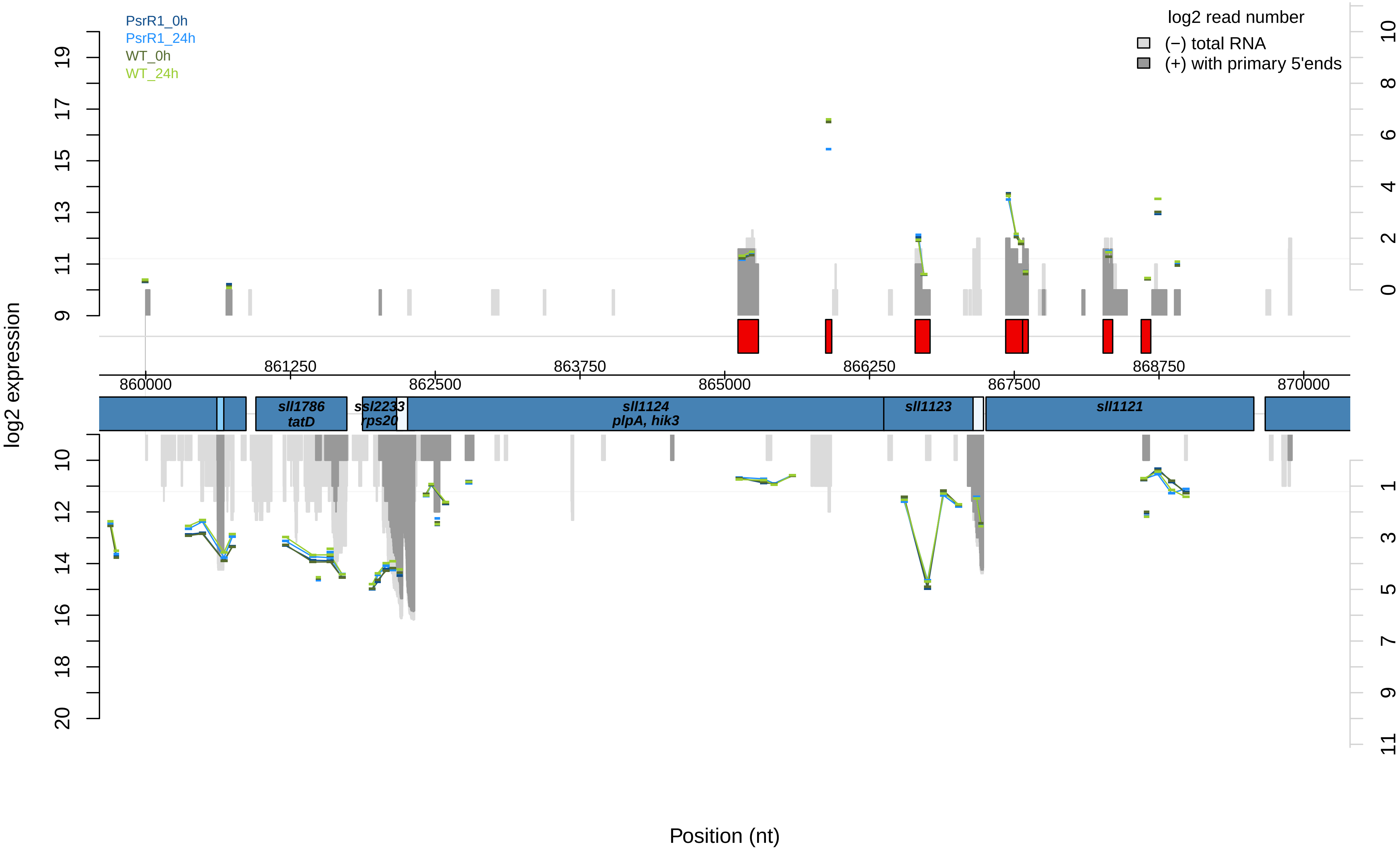
rpoB
Position (nt)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PsrR1_24h
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WT_24h
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(+) with primary 5'ends
log2 expression
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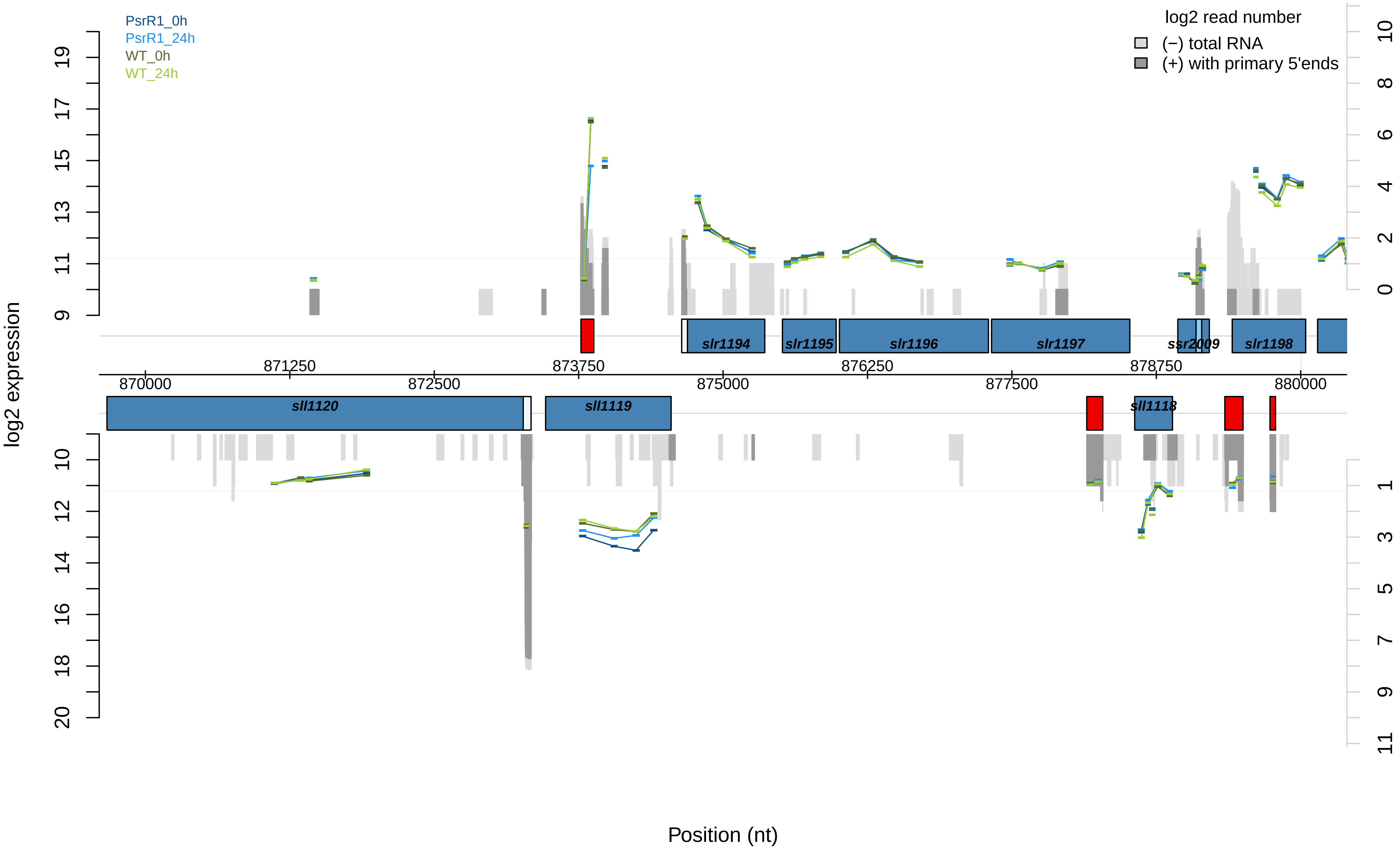
sll1121
Position (nt)


PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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slr1195
slr1196
slr1197
ssr2009
slr1198
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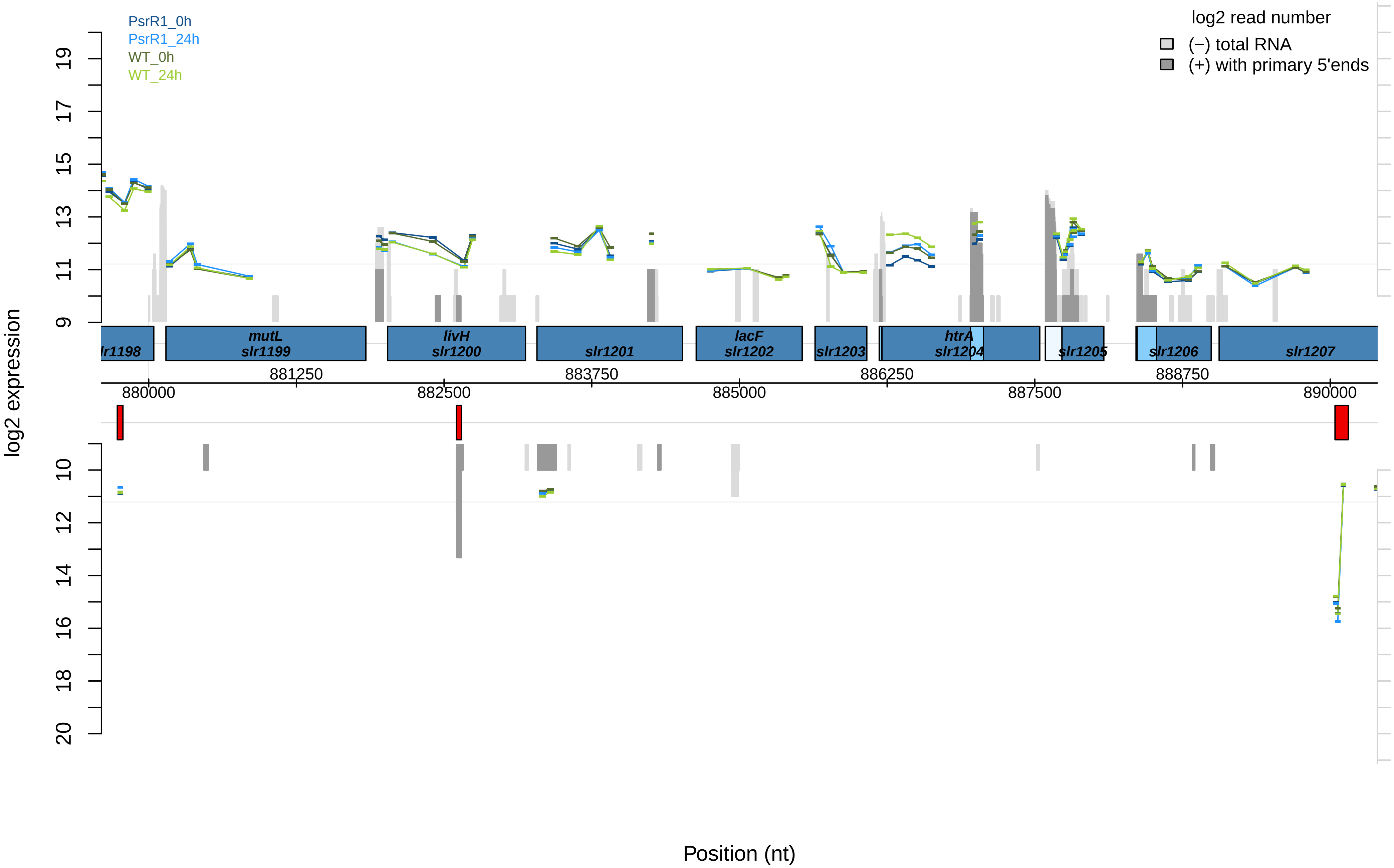
Position (nt)


PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
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mutL
slr1199
livH
slr1200
slr1201
lacF
slr1202
slr1203
htrA
slr1204
slr1205
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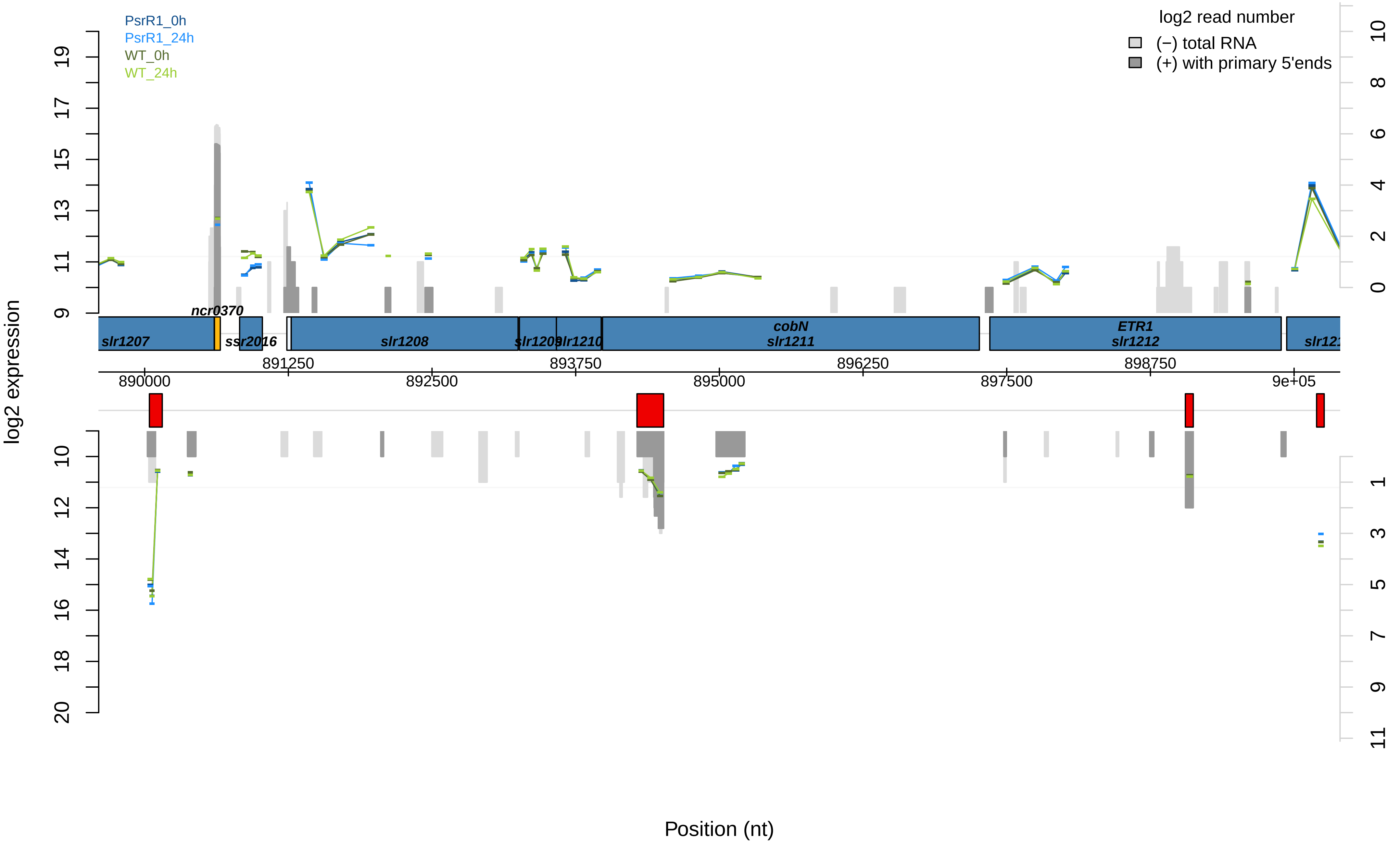
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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cobN
slr1211
ETR1
slr1212
slr12
891250
893750
896250
898750
890000
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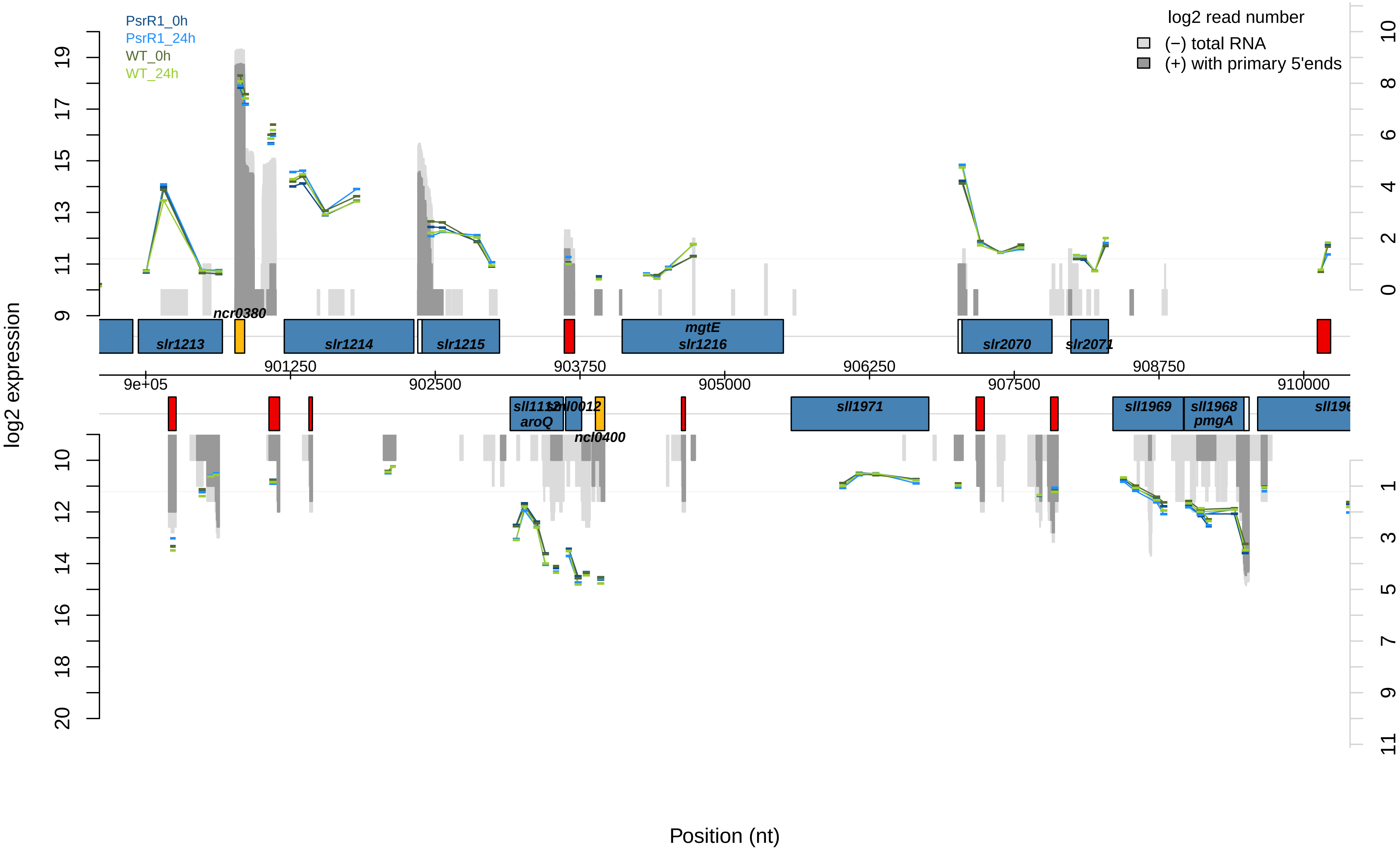
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
Position (nt)
9
11
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18
20
0
2
4
6
8
10
1
3
5
7
9
11
9e+05
901250
902500
903750
905000
906250
907500
908750
910000
slr1213
ncr0380
slr1214
slr1215
mgtE
slr1216
slr2070
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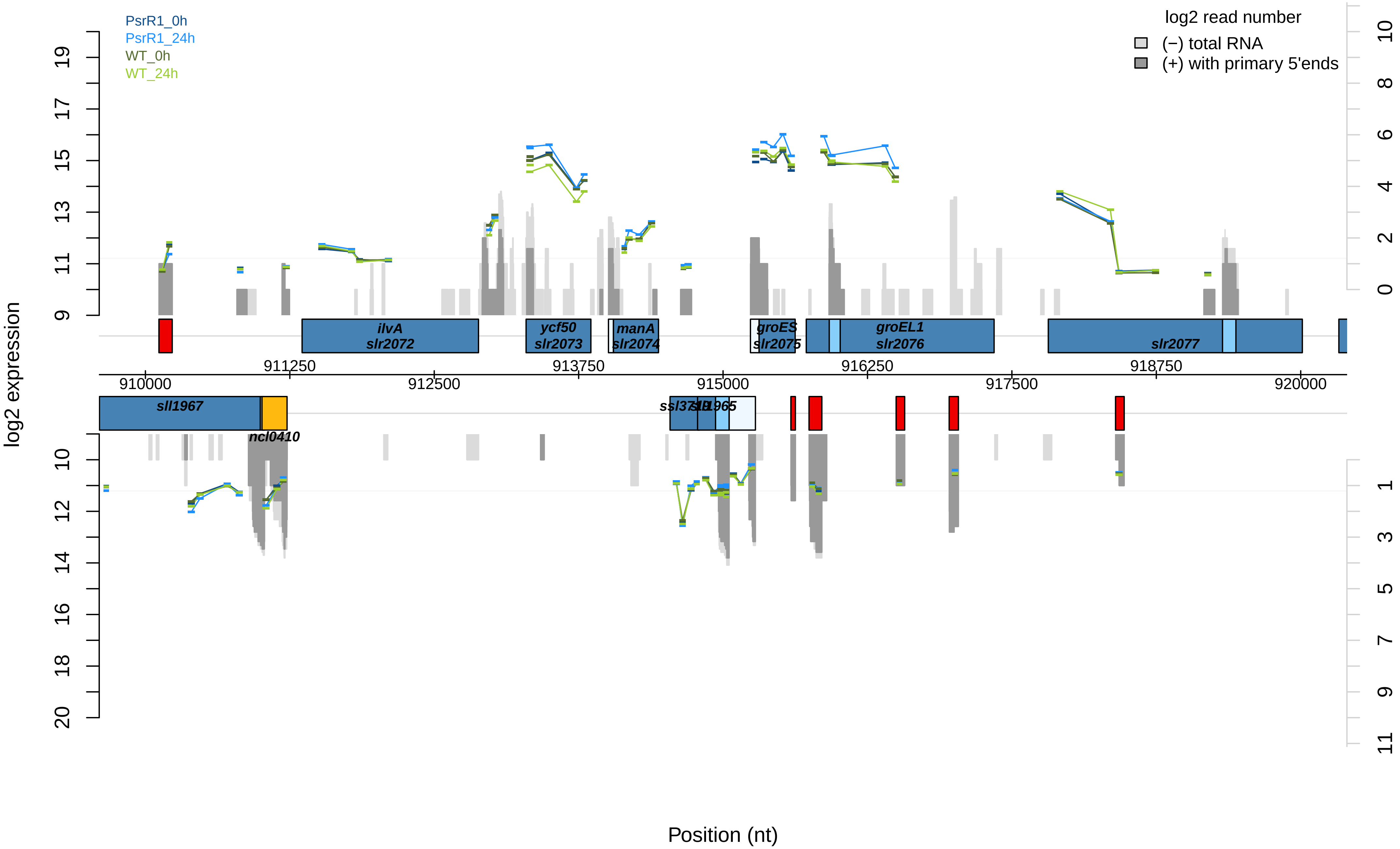
aroQ
sml0012
ncl0400
sll1971
sll1969
sll1968
pmgA
sll196


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ilvA
slr2072
ycf50
slr2073
manA
slr2074
groES
slr2075
groEL1
slr2076
slr2077
910000
911250
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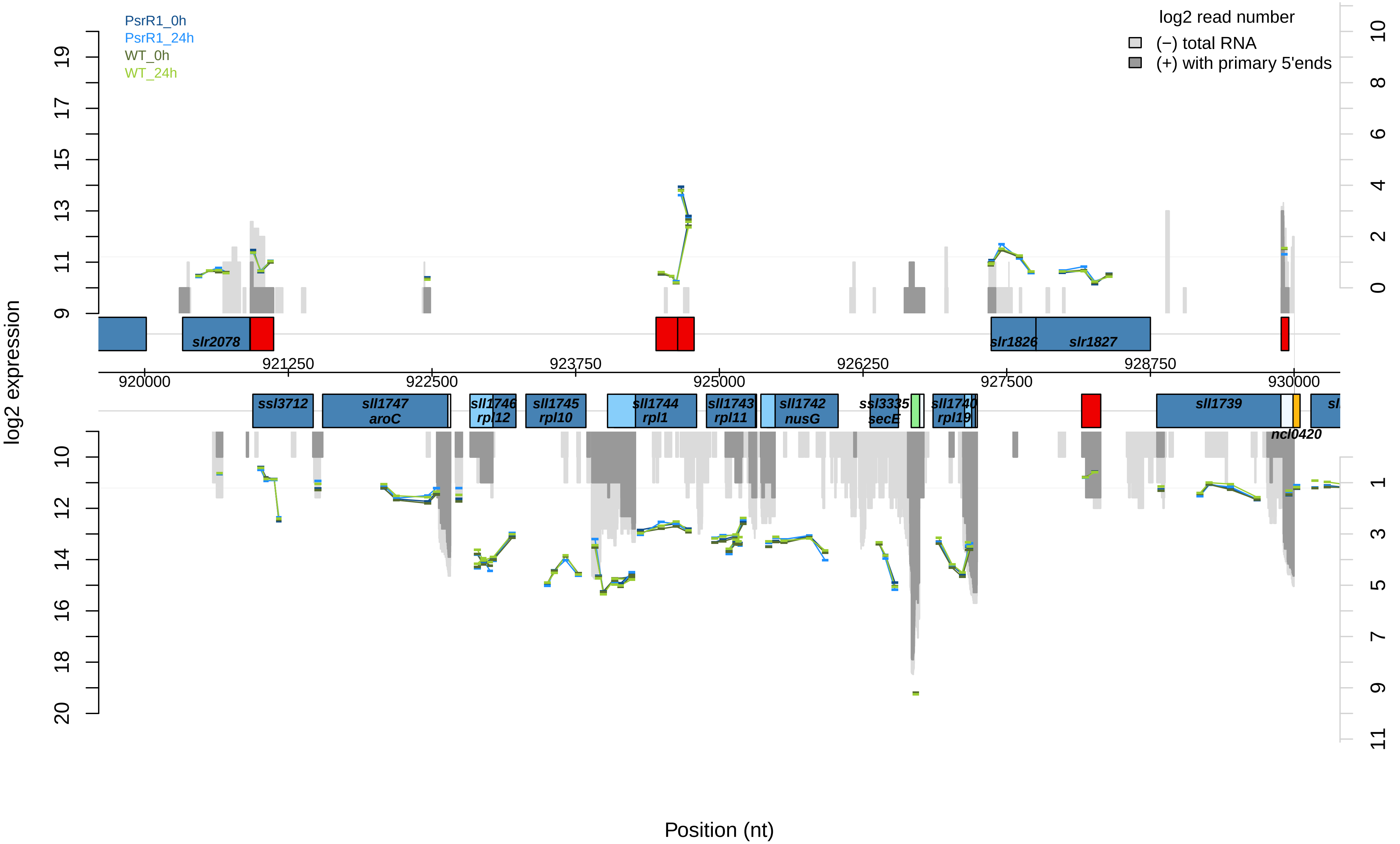
sll1965
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
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1
3
5
7
9
11
slr2078
slr1826
slr1827
921250
923750
926250
928750
920000
922500
925000
927500
930000
ssl3712
sll1747
aroC
sll1746
rpl12
sll1745
rpl10
sll1744
rpl1
sll1743
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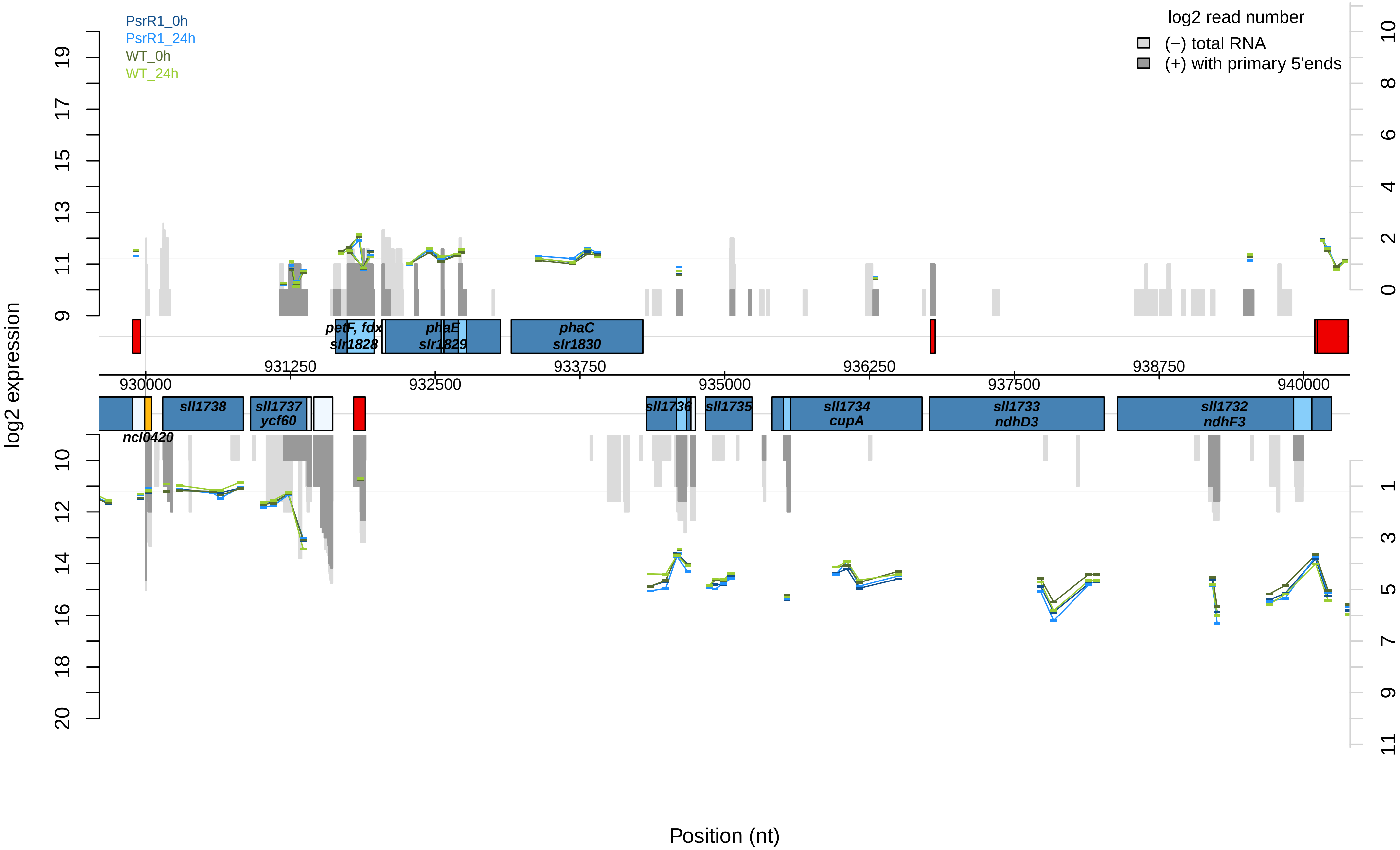
ssl3335
secE
sll1740
rpl19
sll1739
ncl0420
sl
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
petF, fdx
slr1828
phaE
slr1829
phaC
slr1830
931250
933750
936250
938750
930000
932500
935000
937500
940000
sll1738
sll1737
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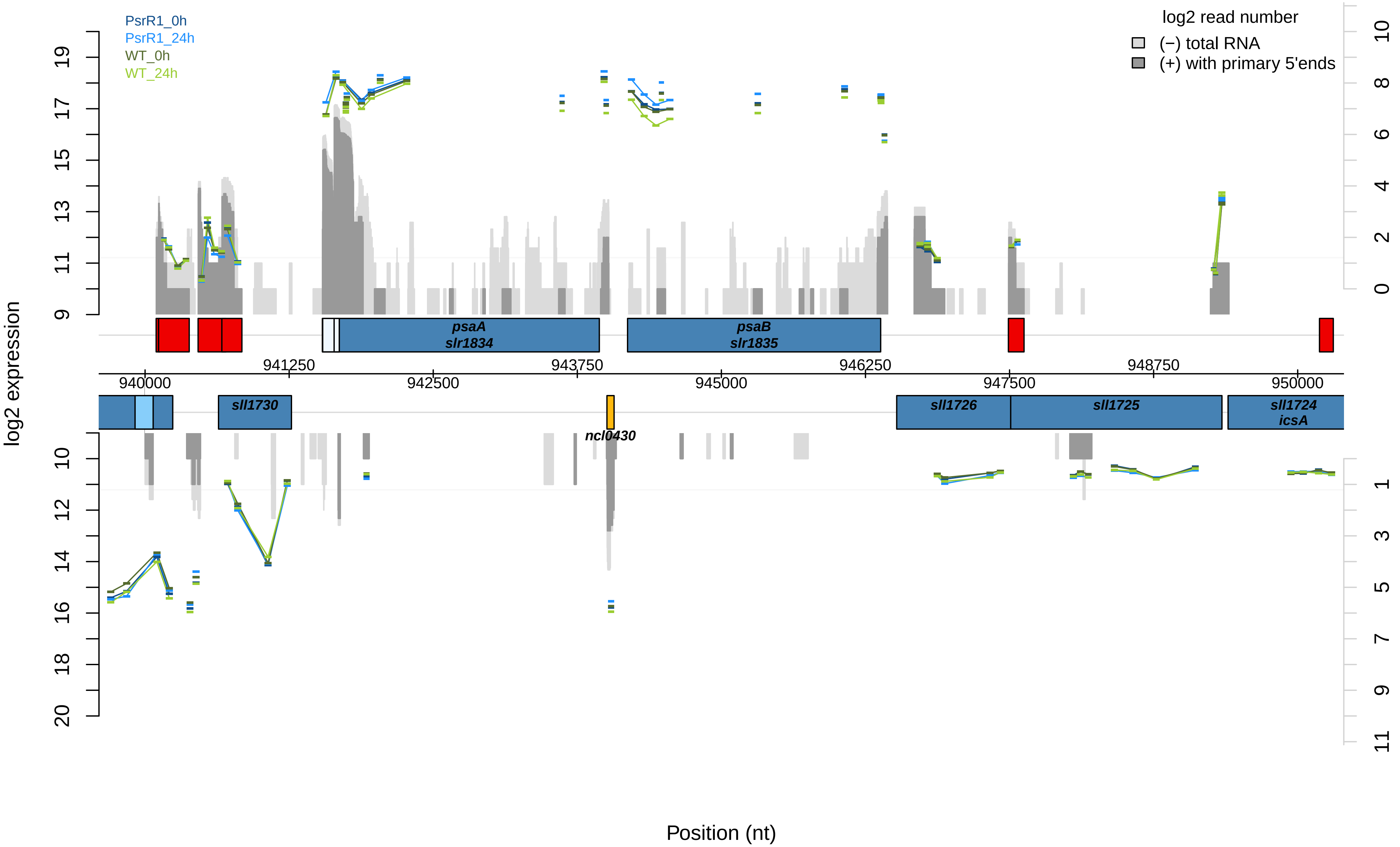
cupA
sll1733
ndhD3
sll1732
ndhF3
ncl0420
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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11
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15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
psaA
slr1834
psaB
slr1835
941250
943750
946250
948750
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947500
950000
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ncl0430
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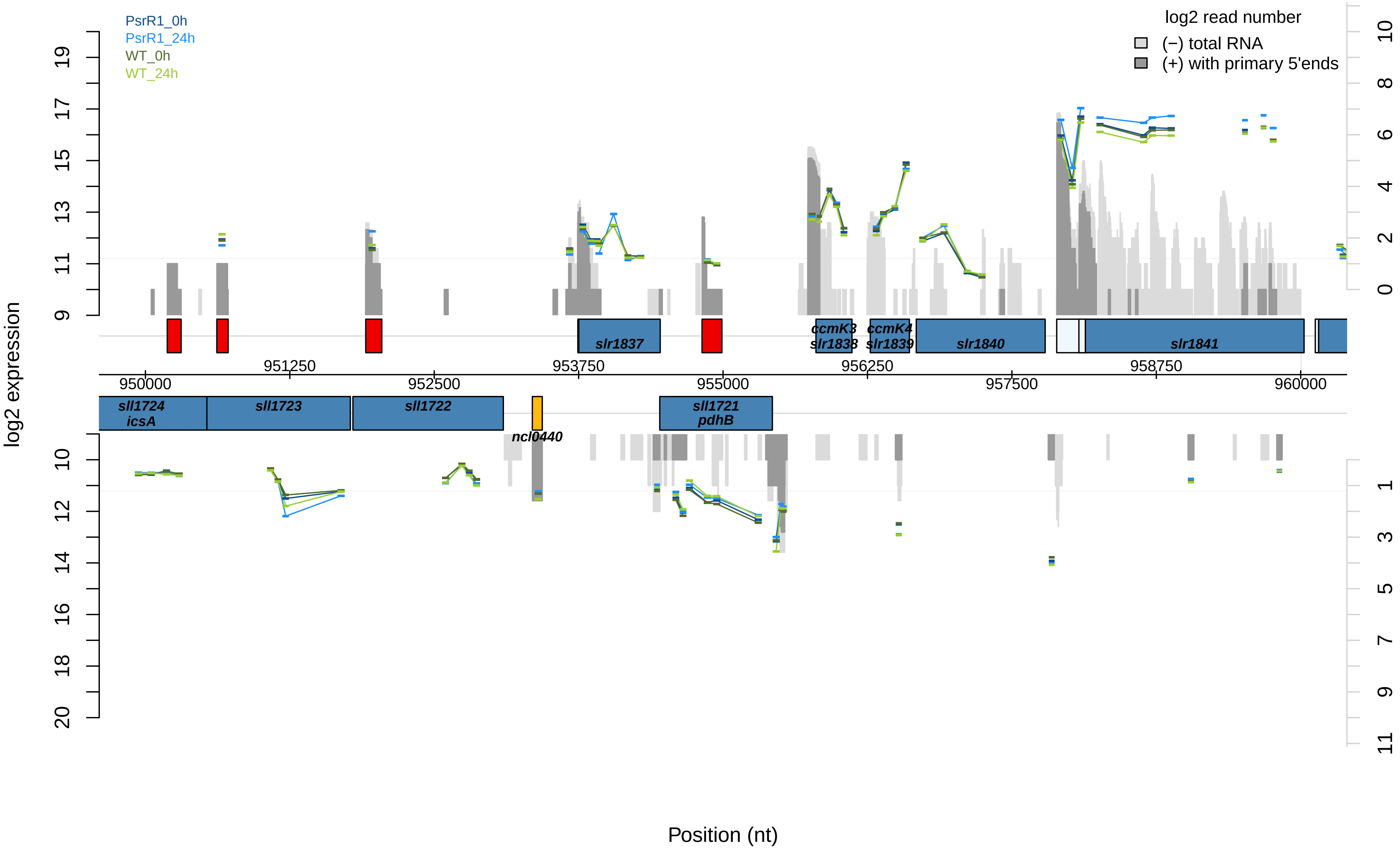
sll1725
sll1724
icsA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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15
17
19
0
2
4
6
8
10
ccmK3
slr1838
ccmK4
slr1839
slr1837
slr1840
slr1841
951250
953750
956250
958750
950000
952500
955000
957500
960000
sll1724
icsA
sll1723
sll1722
ncl0440
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pdhB
10
12
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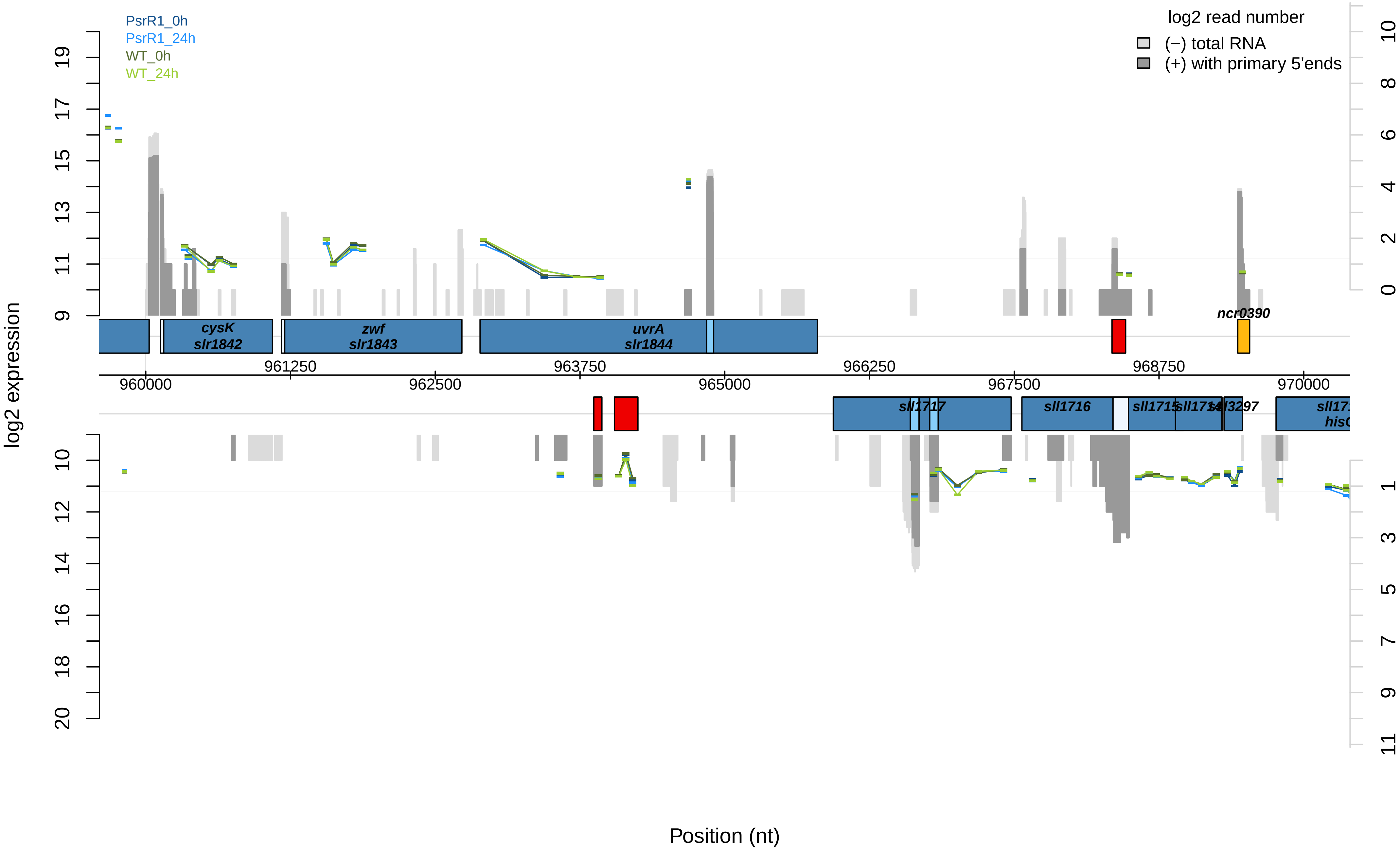
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
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12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
cysK
slr1842
zwf
slr1843
uvrA
slr1844
ncr0390
961250
963750
966250
968750
960000
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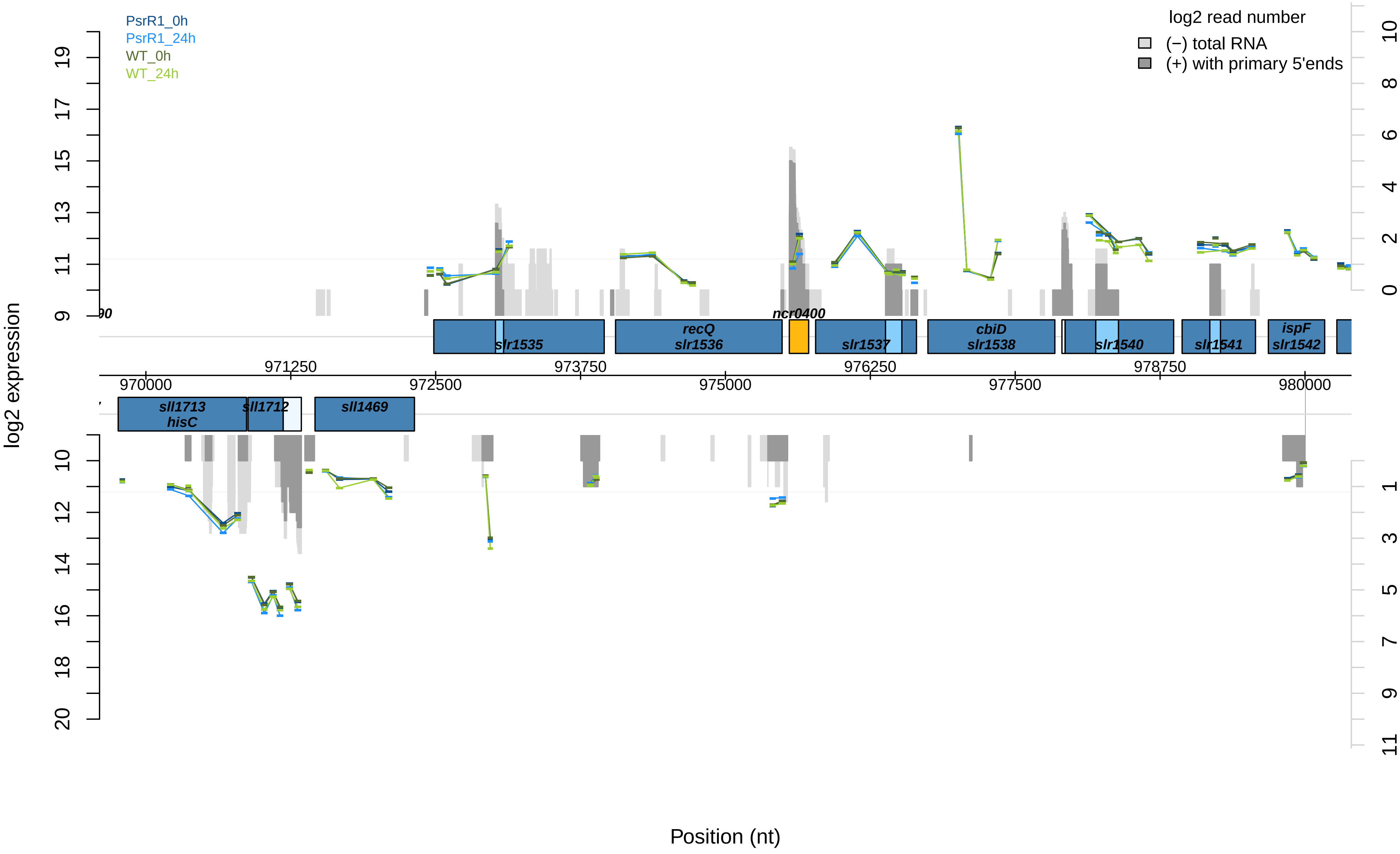
970000
sll1717
sll1716
sll1715
sll1714
sll3297
sll17
hisC
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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3
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7
9
11
ncr0400
slr1535
recQ
slr1536
slr1537
cbiD
slr1538
slr1540
slr1541
ispF
slr1542
971250
973750
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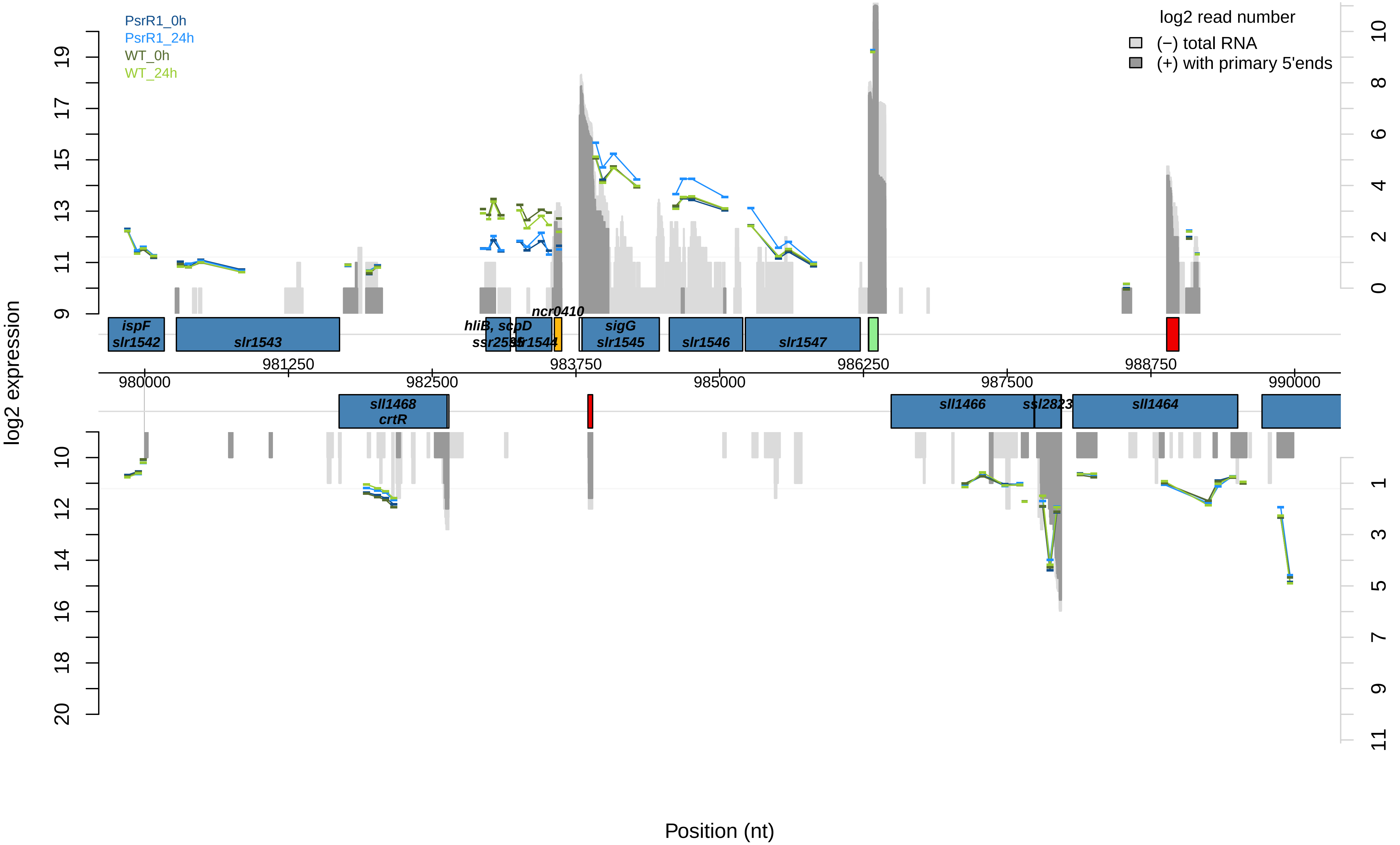
sll1712
sll1469
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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17
19
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18
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4
6
8
10
1
3
5
7
9
11
ispF
slr1542
slr1543
hliB, scpD
ssr2595
slr1544
ncr0410
sigG
slr1545
slr1546
slr1547
981250
983750
986250
988750
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985000
987500
990000
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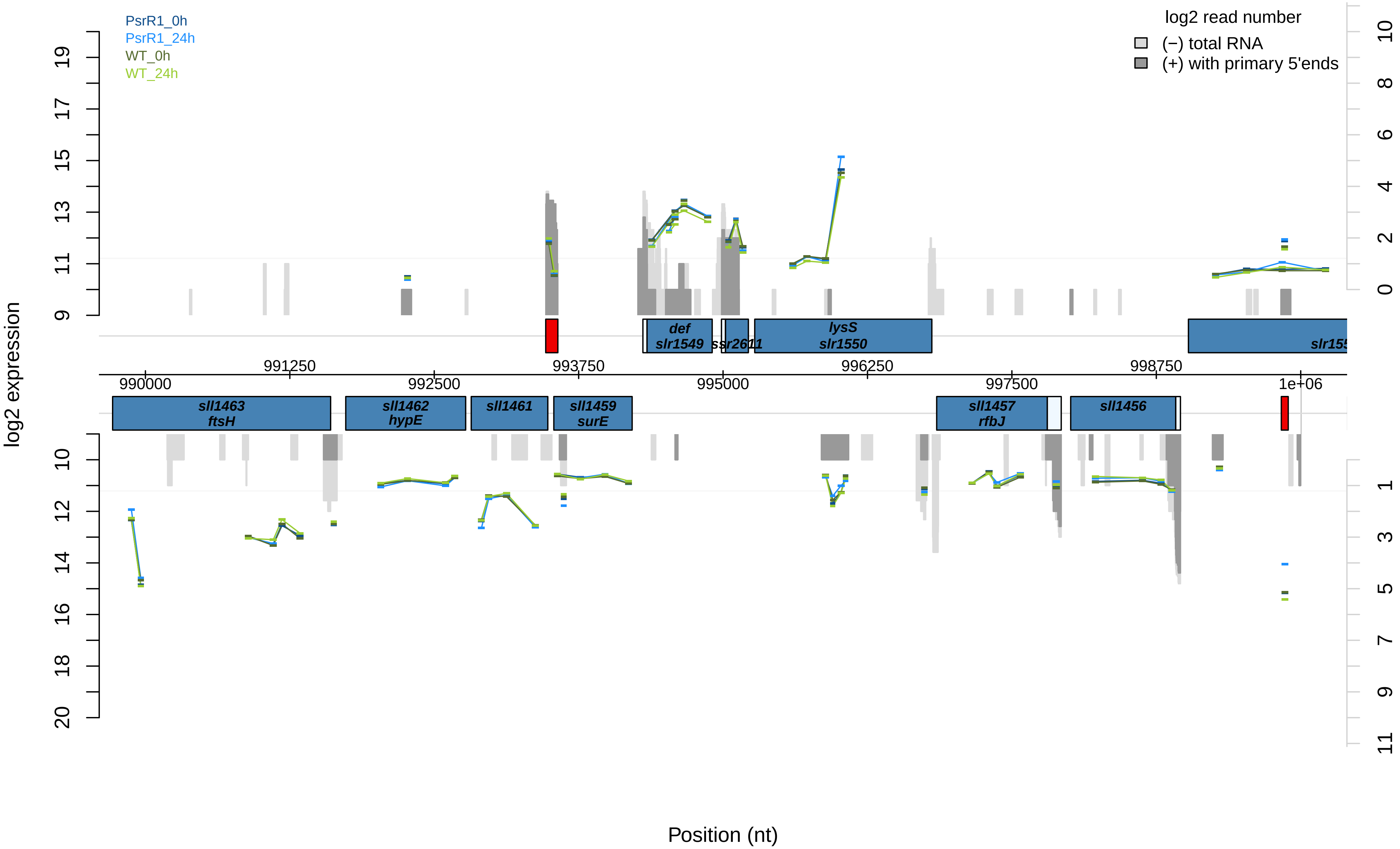
crtR
sll1466
ssl2823
sll1464
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
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4
2
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5
7
9
11
def
slr1549
ssr2611
lysS
slr1550
slr155
991250
993750
996250
998750
990000
992500
995000
997500
1e+06
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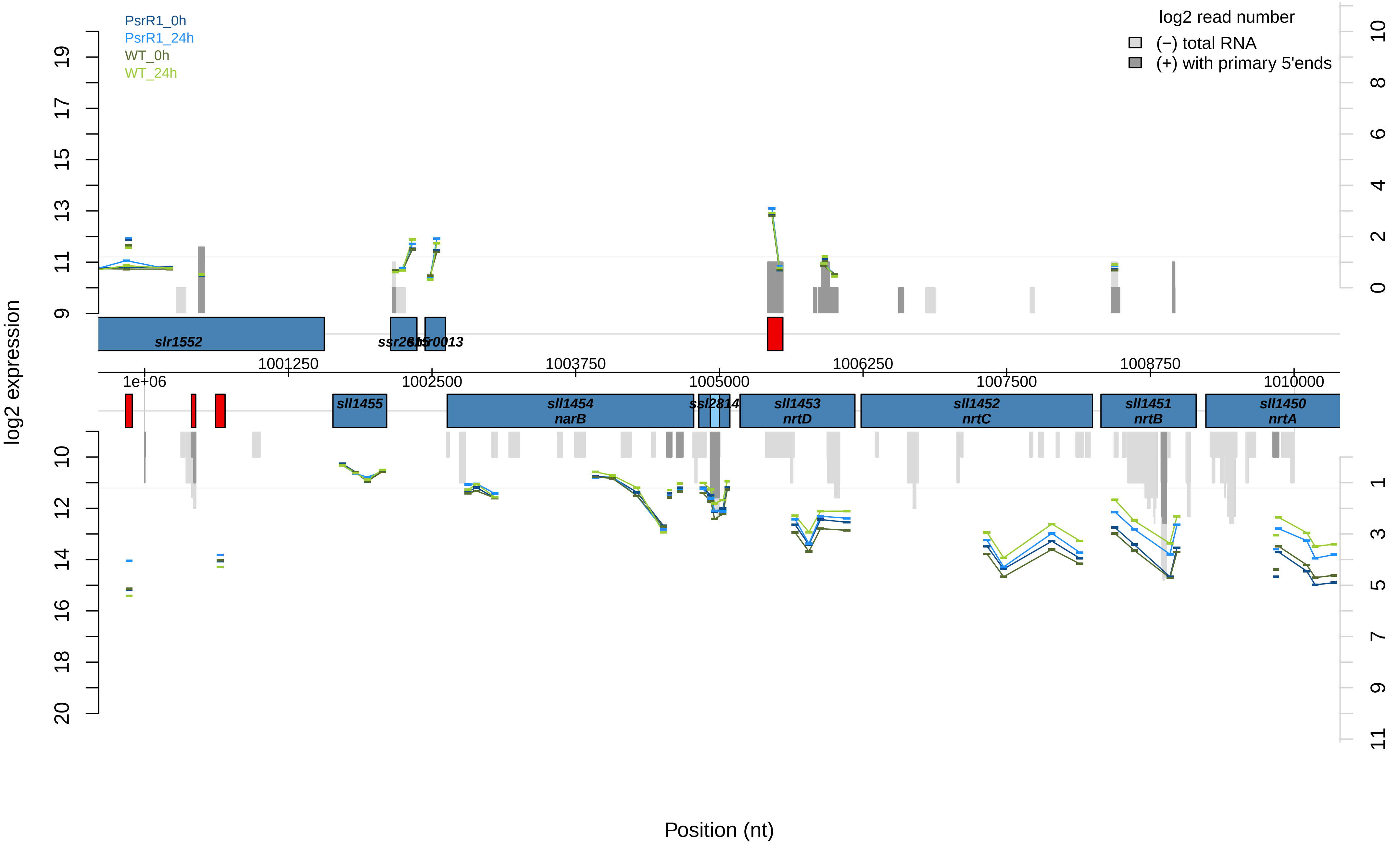
sll1462
hypE
sll1461
sll1459
surE
sll1457
rfbJ
sll1456
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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17
19
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2
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6
8
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slr1552
ssr2615
ssr0013
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1003750
1006250
1008750
1e+06
1002500
1005000
1007500
1010000
sll1455
sll1454
narB
ssl2814
sll1453
nrtD
sll1452
nrtC
sll1451
nrtB
sll1450
nrtA
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14
16
18
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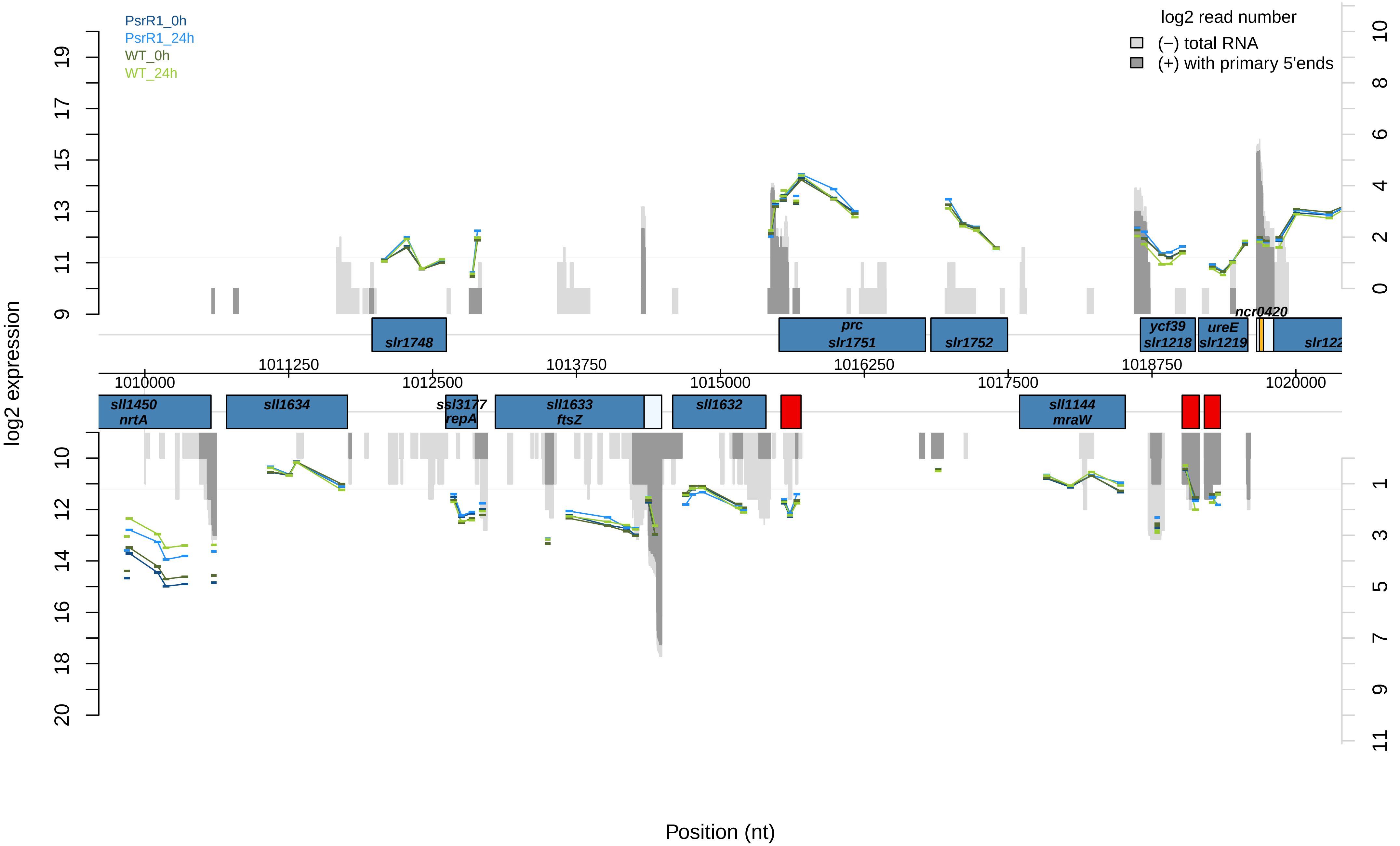
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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7
9
11
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prc
slr1751
slr1752
ycf39
slr1218
ureE
slr1219
ncr0420
slr122
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1012500
1013750
1015000
1016250
1017500
1018750
1020000
1010000
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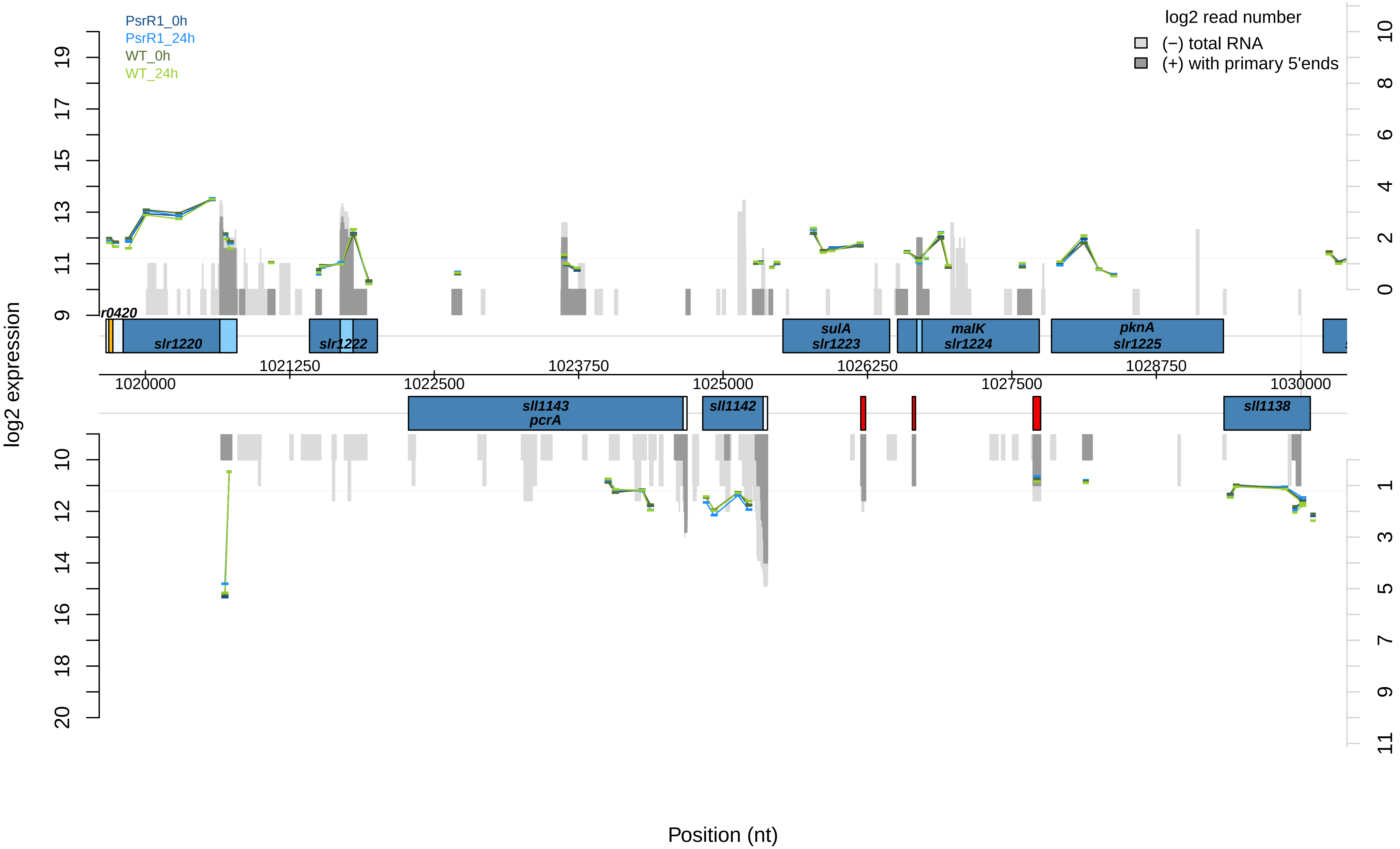
ssl3177
repA
sll1633
ftsZ
sll1632
sll1144
mraW
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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1
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5
7
9
11
r0420
slr1220
slr1222
sulA
slr1223
malK
slr1224
pknA
slr1225
sll1143
pcrA
sll1142
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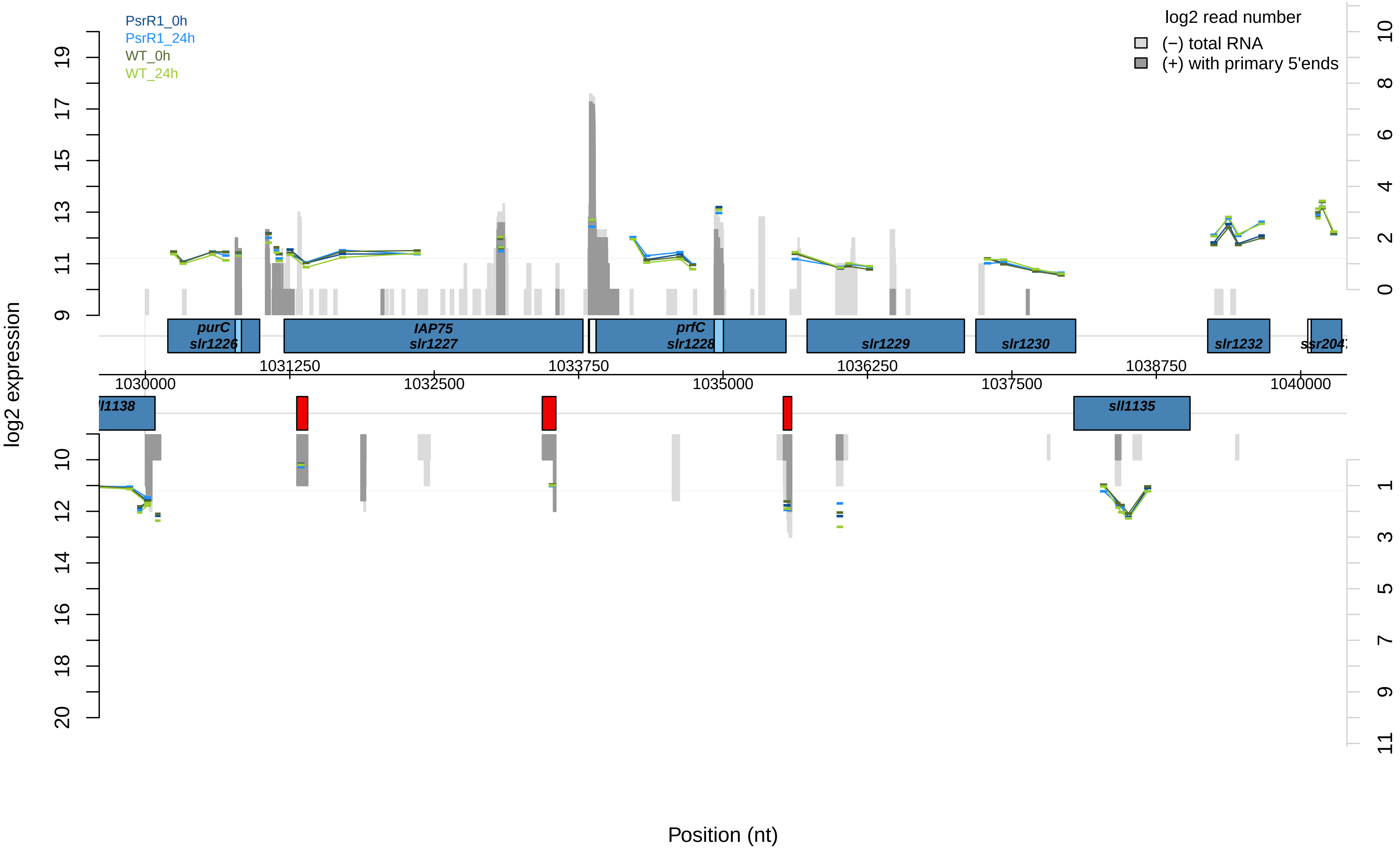
1030000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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5
7
9
11
purC
slr1226
lAP75
slr1227
prfC
slr1228
slr1229
slr1230
slr1232
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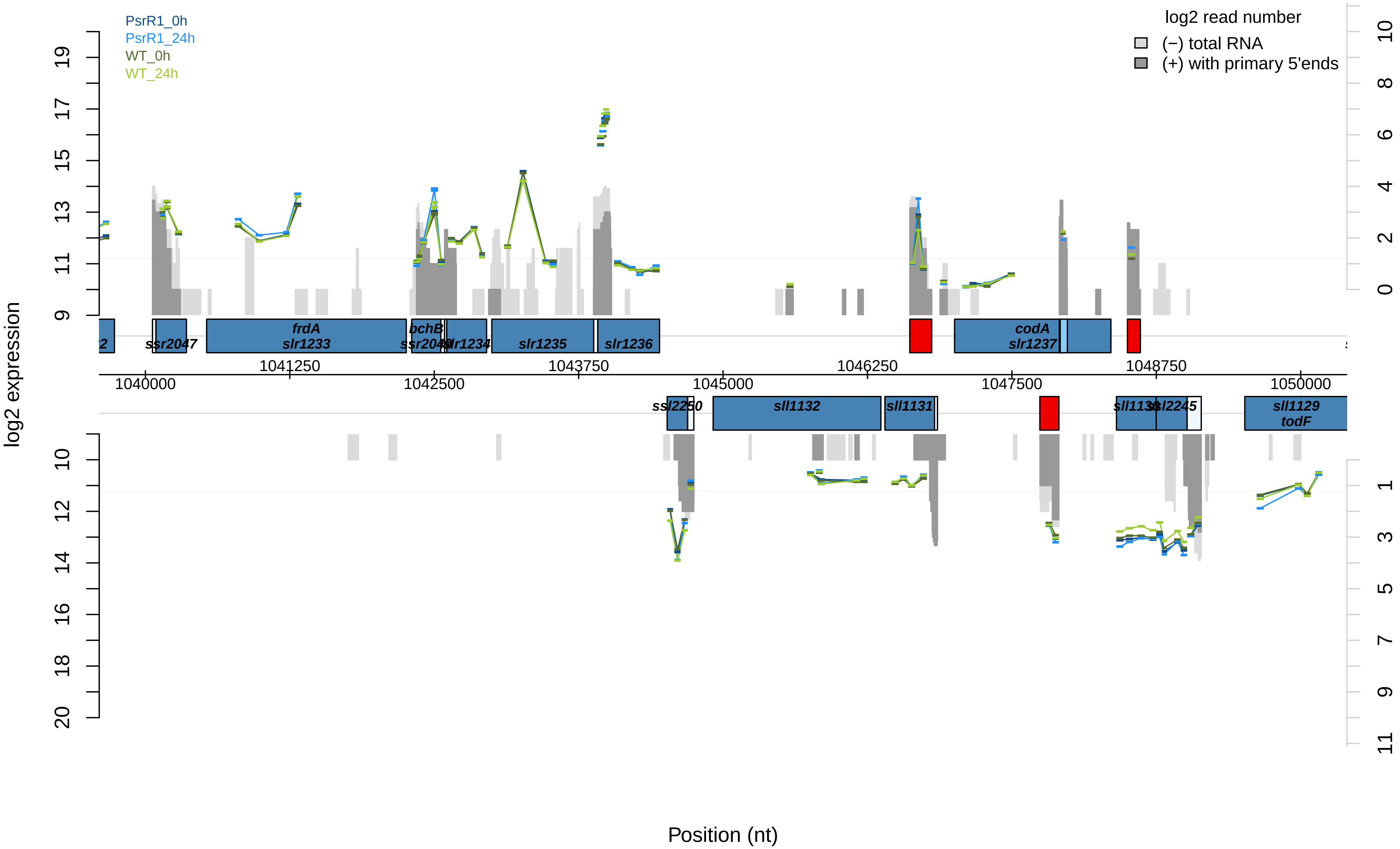
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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2
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6
8
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1
3
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7
9
11
2
ssr2047
frdA
slr1233
pchB
ssr2048
slr1234
slr1235
slr1236
codA
slr1237
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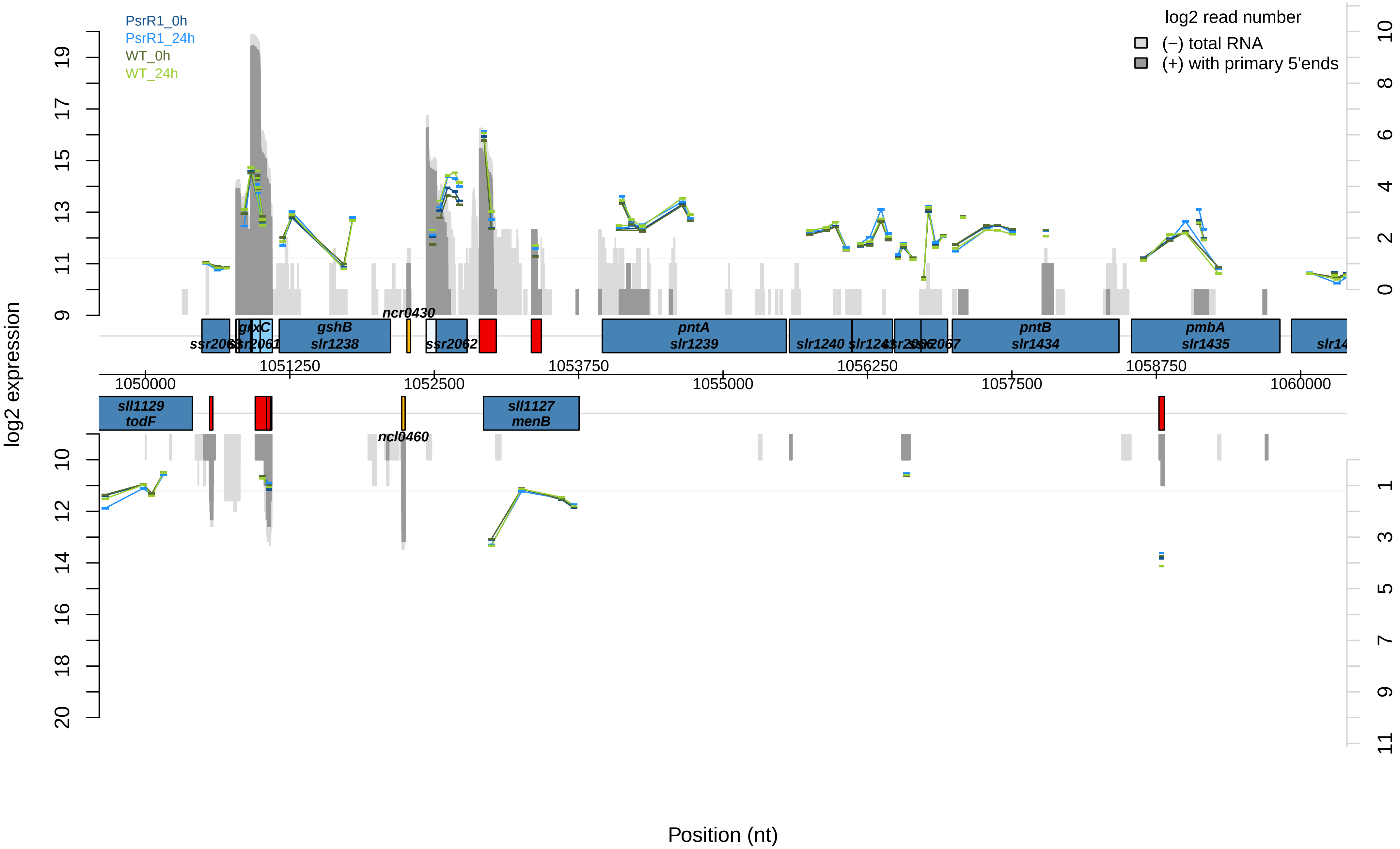
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
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18
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8
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1
3
5
7
9
11
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1051250
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1056250
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1058750
1060000
ssr2060
grxC
ssr2061
gshB
slr1238
ncr0430
ssr2062
pntA
slr1239
slr1240
slr1241
ssr2066
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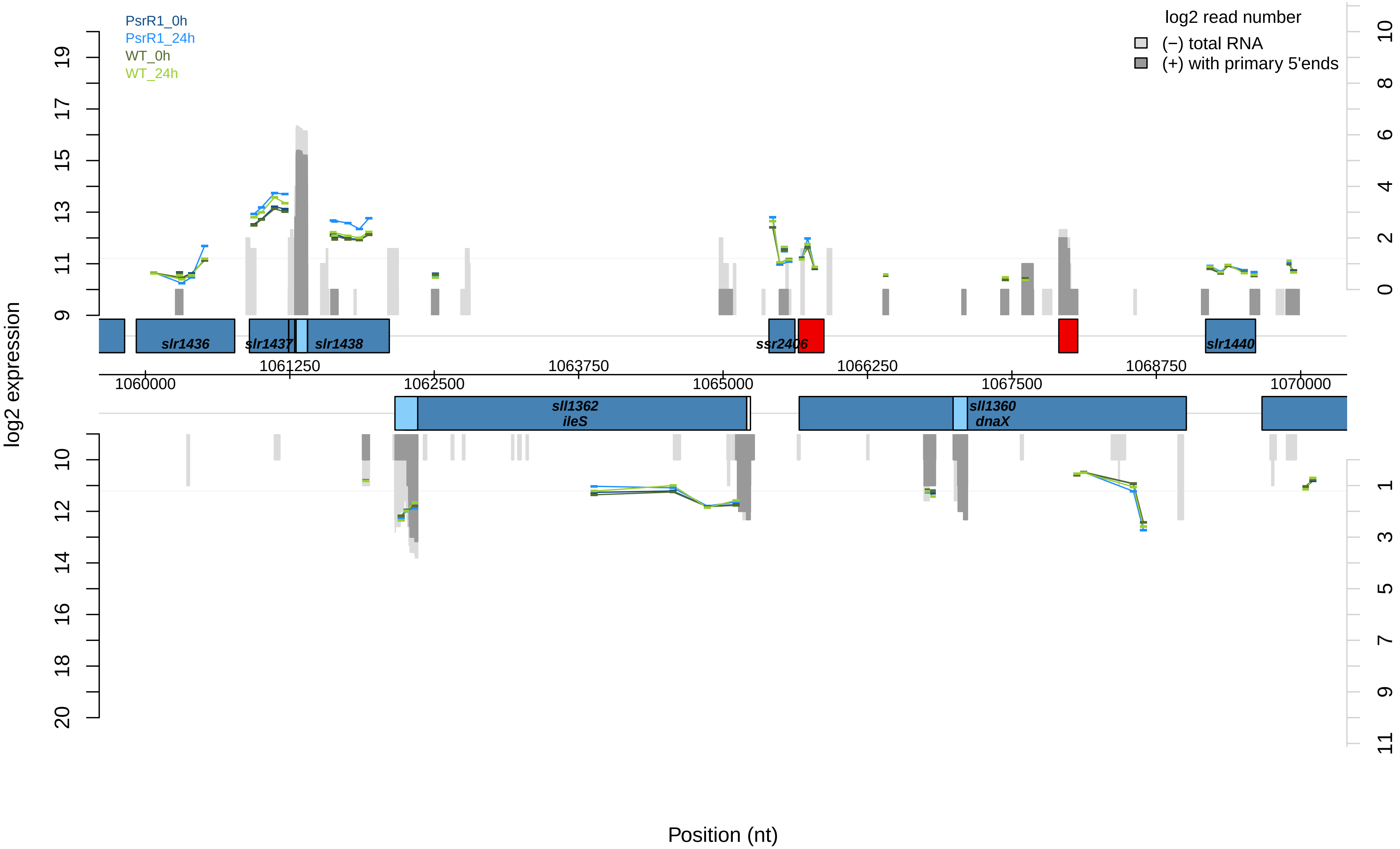
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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11
13
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2
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8
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slr1437
slr1438
ssr2406
slr1440
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1065000
1067500
1070000
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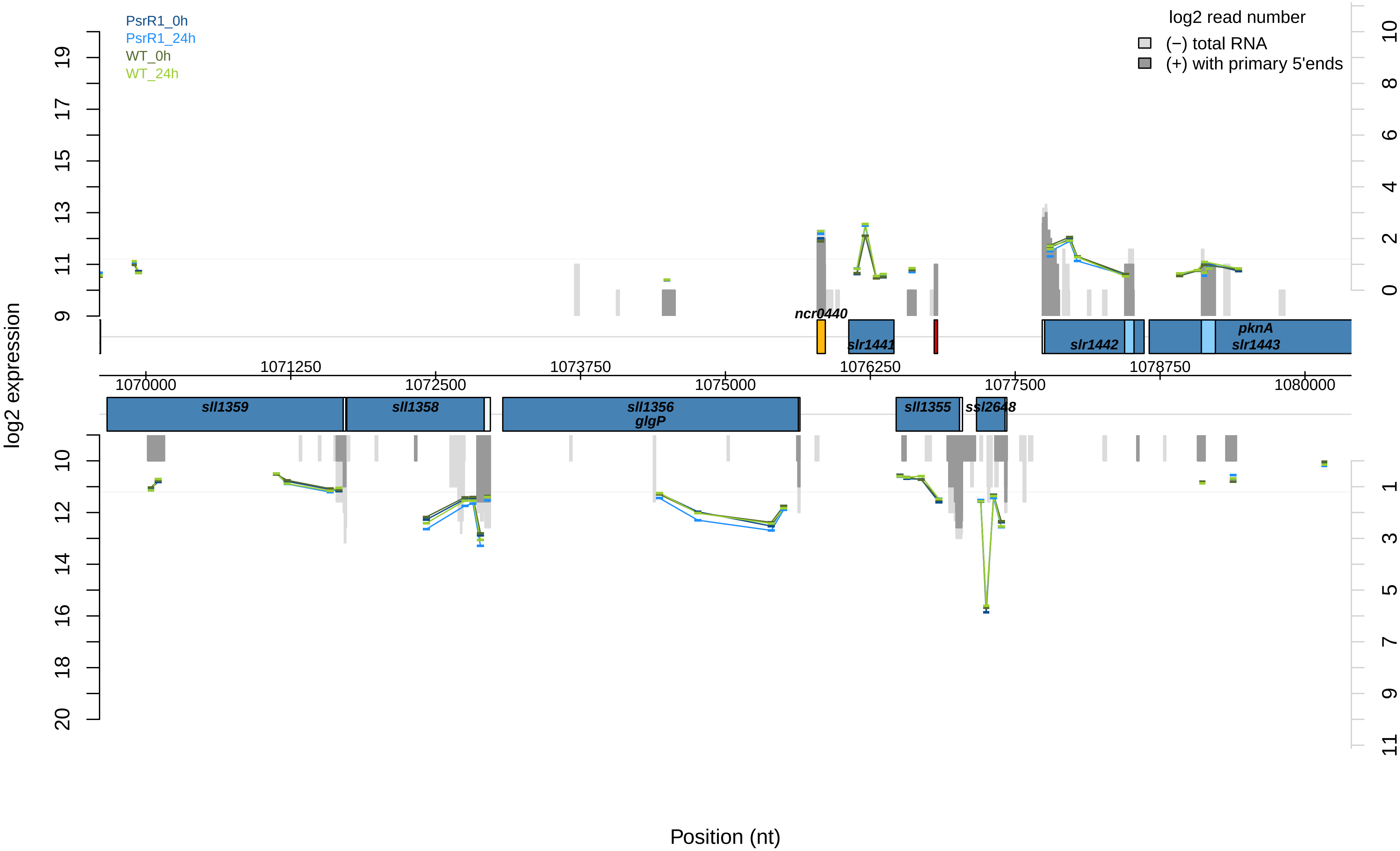
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
17
15
13
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9
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12
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11
ncr0440
slr1441
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pknA
slr1443
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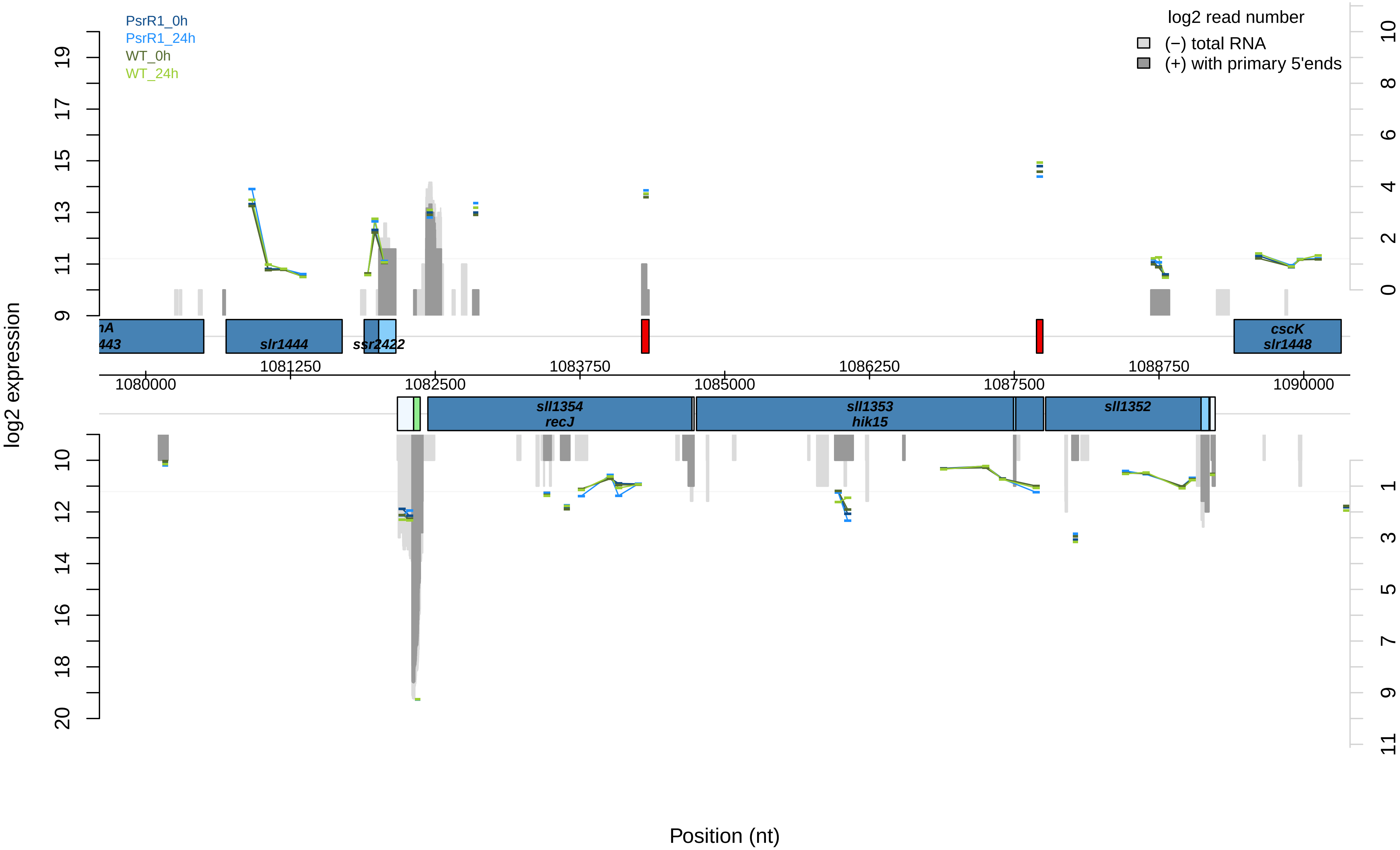
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
nA
443
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ssr2422
cscK
slr1448
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1086250
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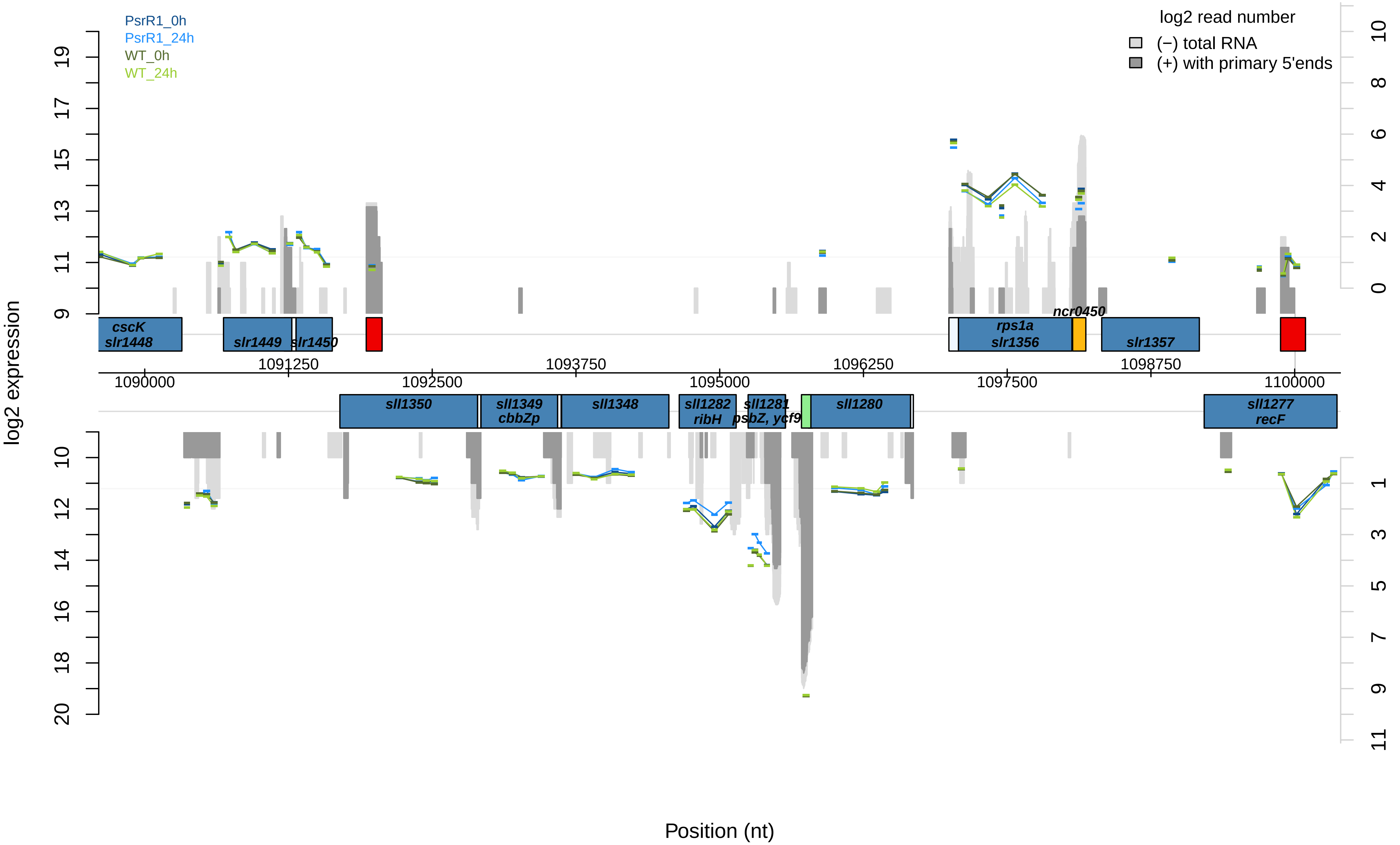
recJ
sll1353
hik15
sll1352
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
cscK
slr1448
slr1449
slr1450
rps1a
slr1356
ncr0450
slr1357
sll1350
sll1349
cbbZp
sll1348
sll1282
ribH
sll1281
psbZ, ycf9
sll1280
sll1277
recF
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1098750
1100000
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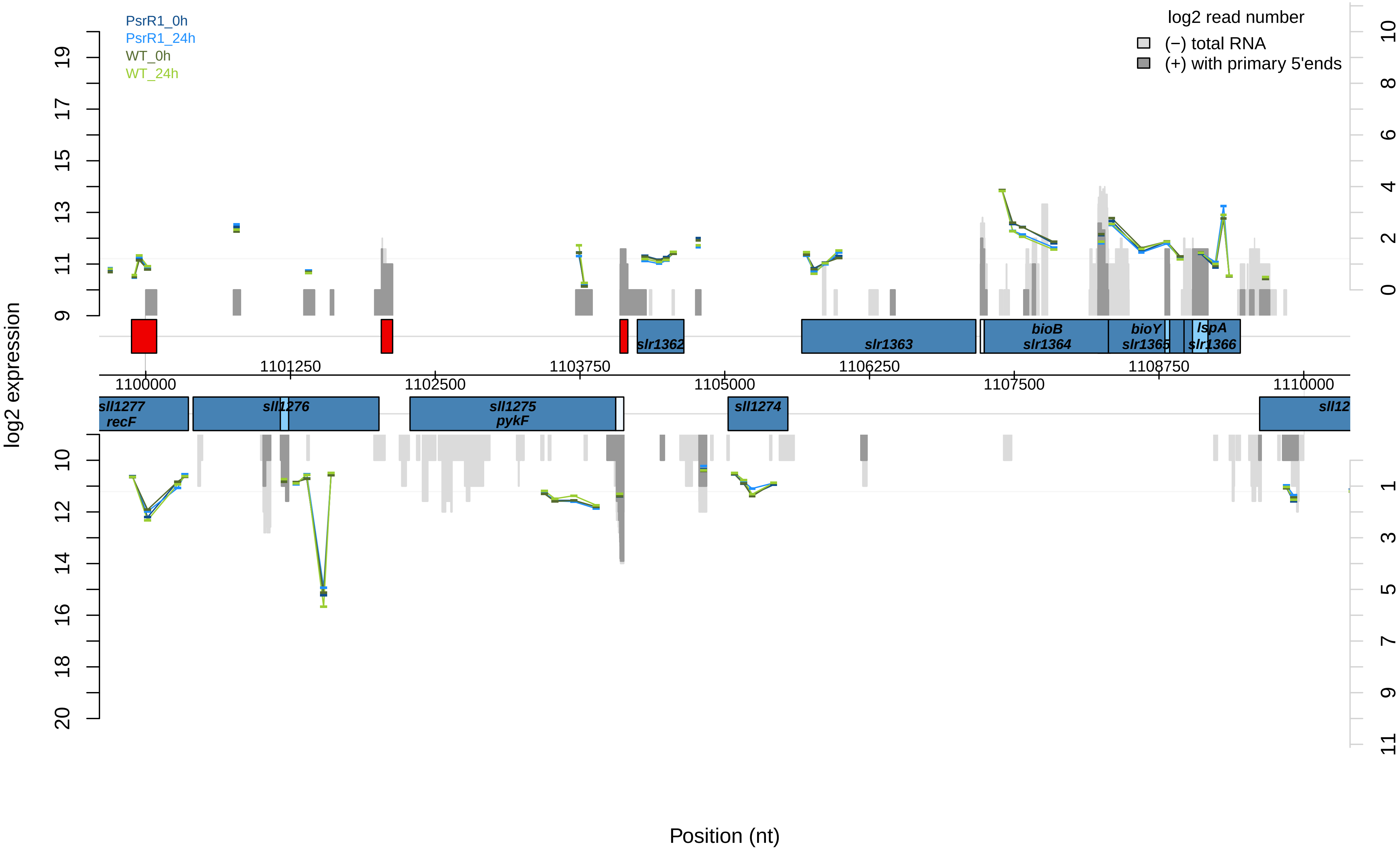
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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recF
sll1276
sll1275
pykF
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slr1363
bioB
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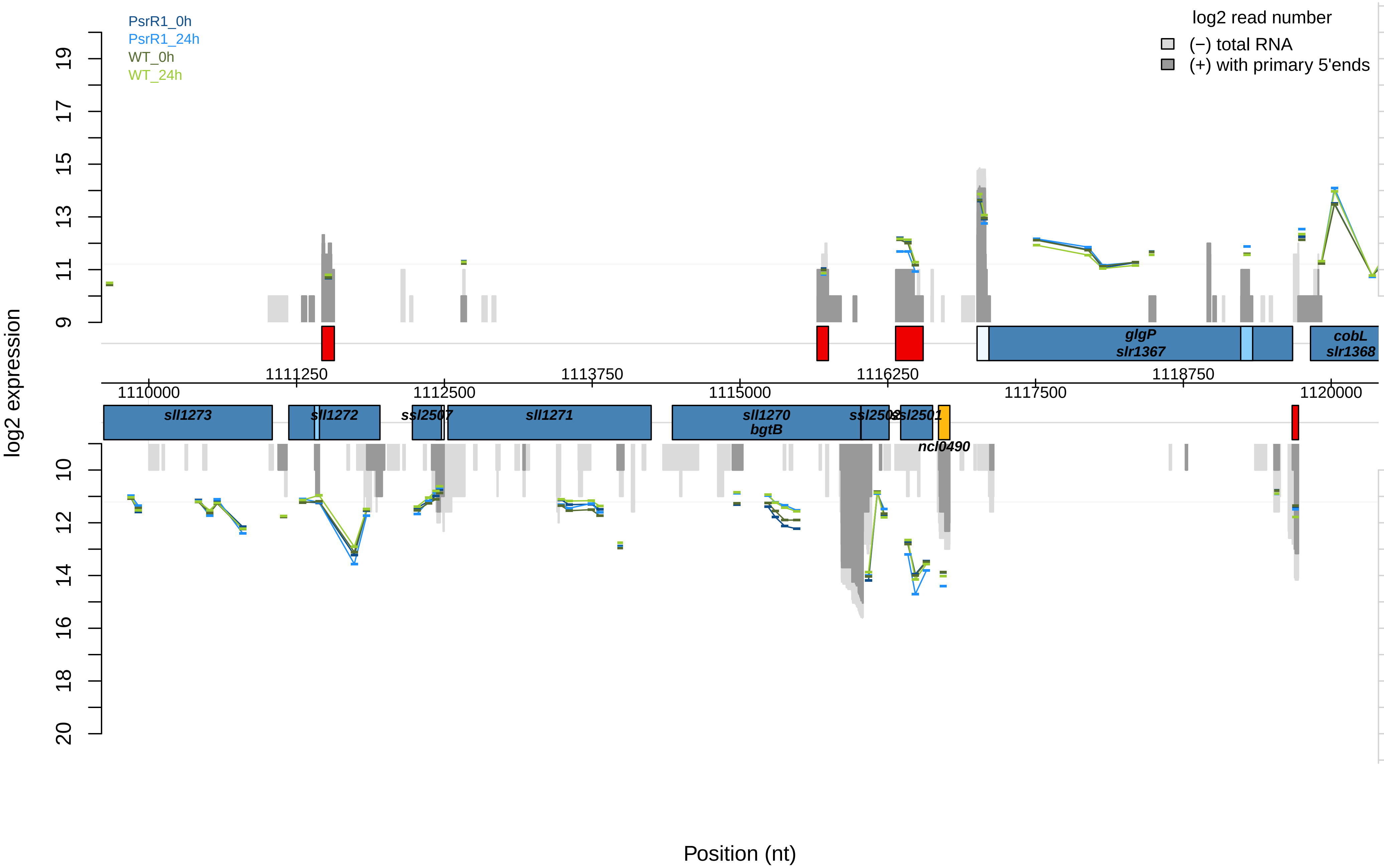
bioY
slr1365
lspA
slr1366


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
9
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1111250
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1113750
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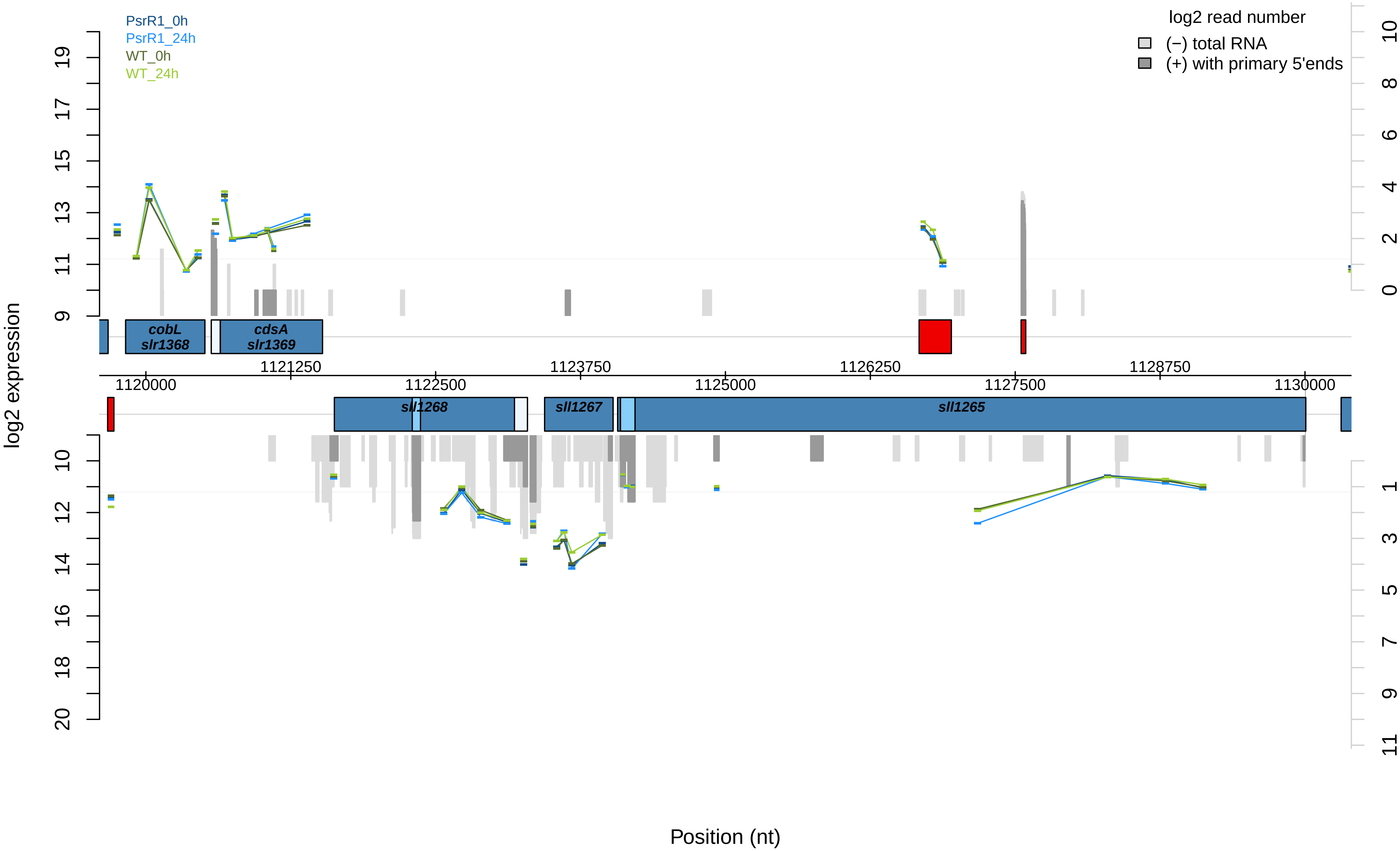
1117500
1118750
1110000
1120000
glgP
slr1367
cobL
slr1368
sll1273
sll1272
ssl2507
sll1271
sll1270
bgtB
ssl2502
ssl2501
ncl0490
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
14
16
18
20
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2
4
6
8
10
1
3
5
7
9
11
cobL
slr1368
cdsA
slr1369
sll1268
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1122500
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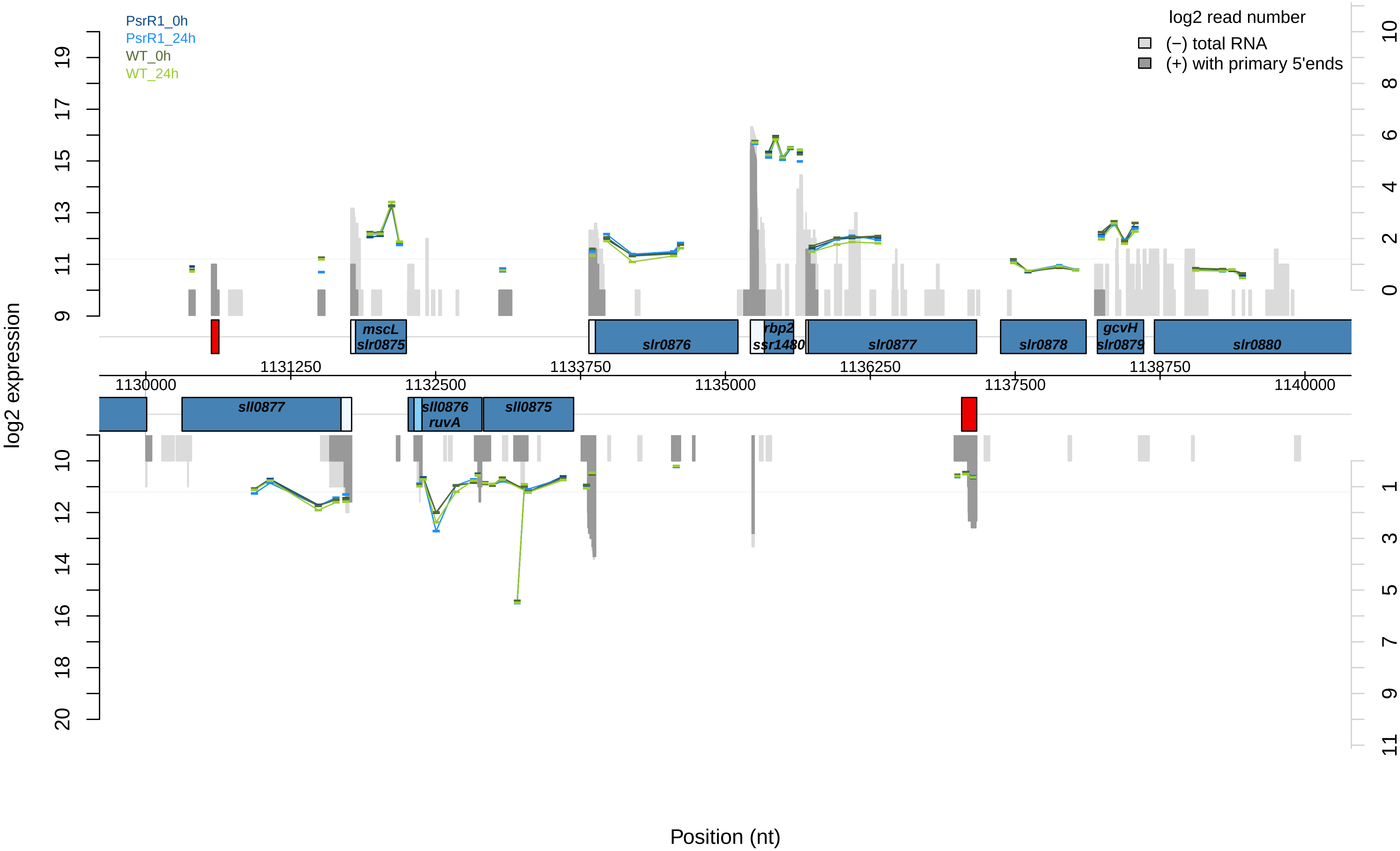
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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5
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9
11
mscL
slr0875
slr0876
rbp2
ssr1480
slr0877
slr0878
gcvH
slr0879
slr0880
sll0877
sll0876
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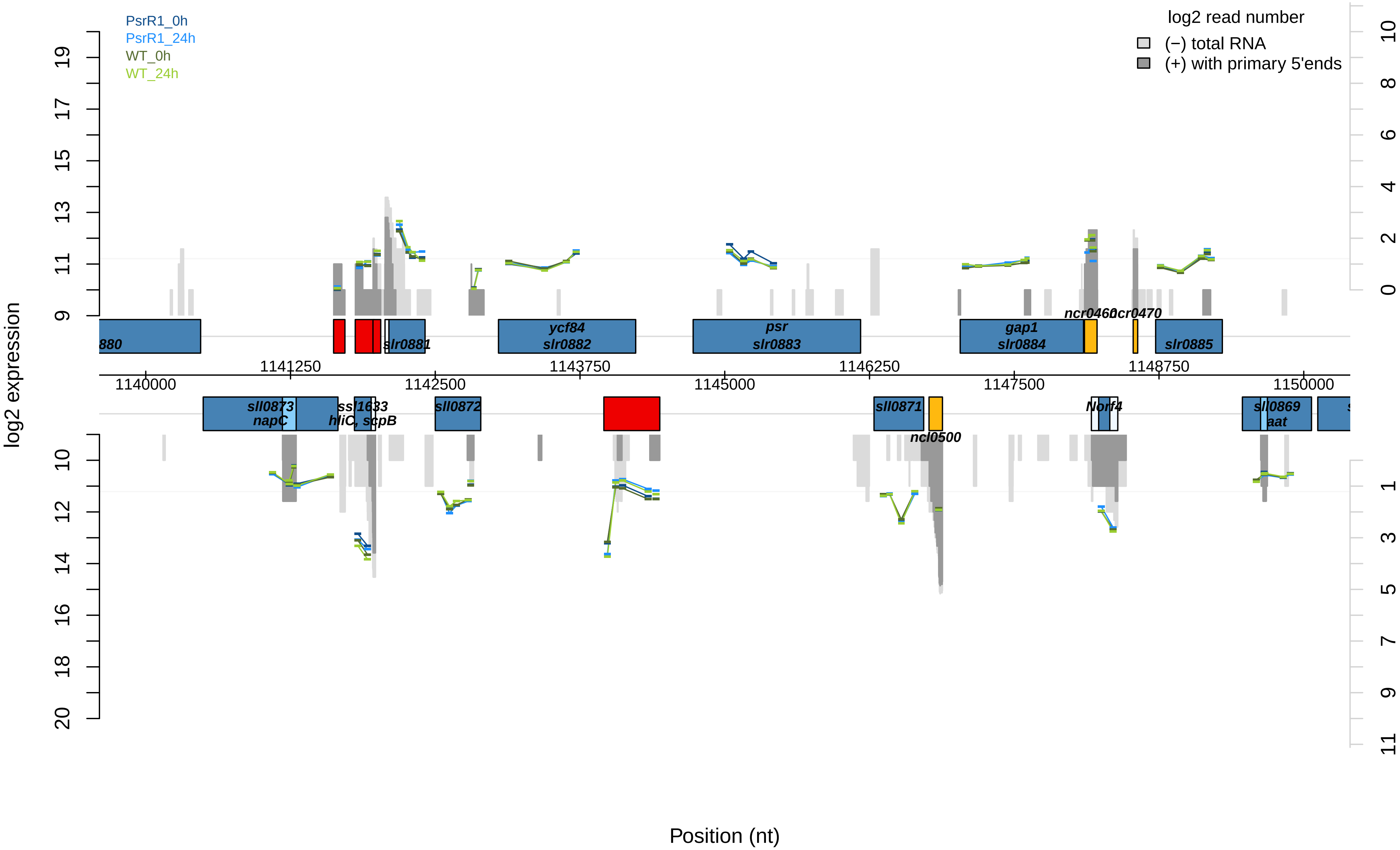
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
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12
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16
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8
6
4
2
0
1
3
5
7
9
11
880
ycf84
slr0882
psr
slr0883
gap1
slr0884
ncr0460
ncr0470
slr0885
slr0881
1141250
1142500
1143750
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1140000
1142500
1145000
1147500
1150000
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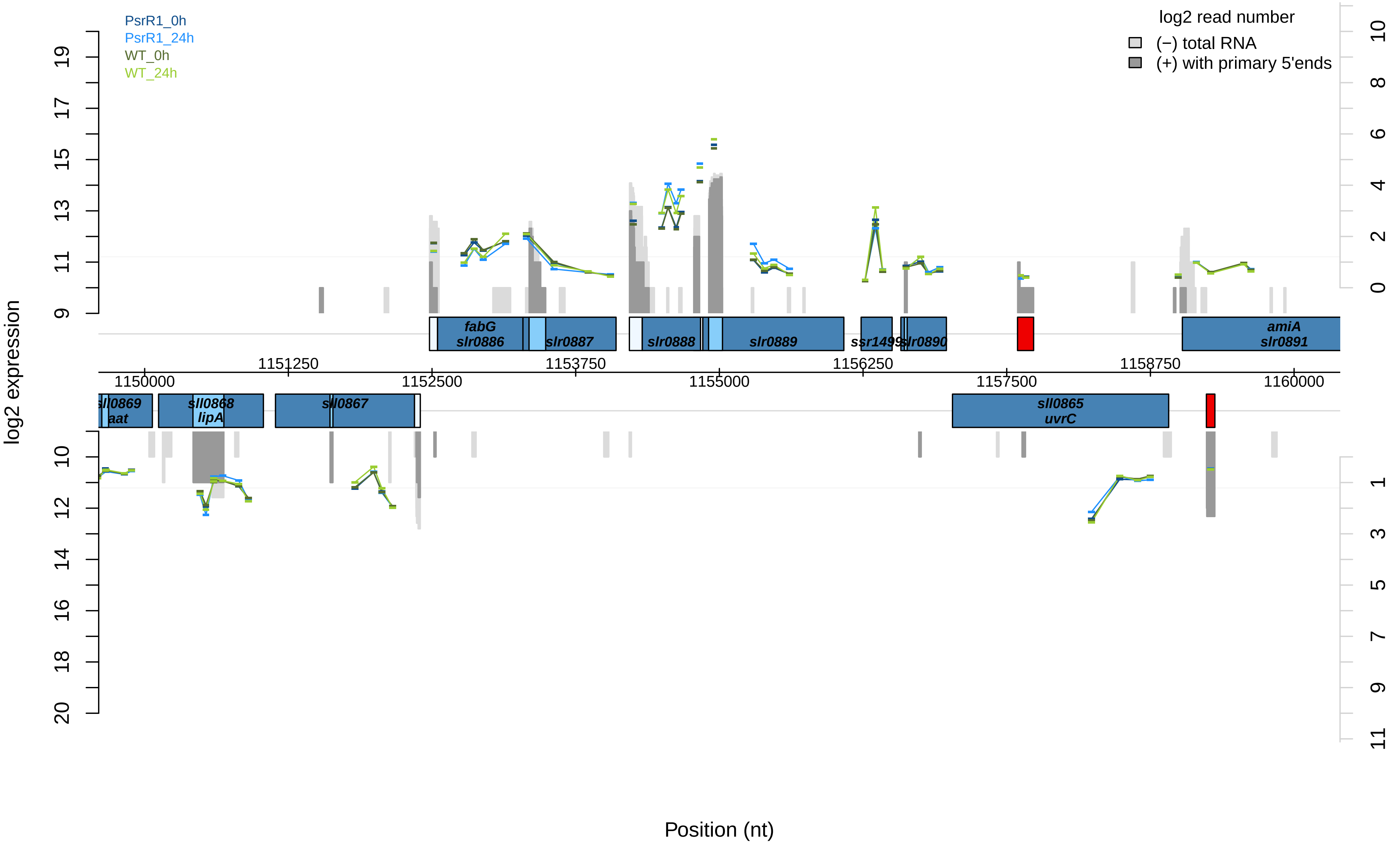
sll0871
ncl0500
Norf4
sll0869
aat
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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5
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9
11
fabG
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slr0887
slr0888
slr0889
ssr1499
slr0890
amiA
slr0891
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1153750
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1158750
1150000
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aat
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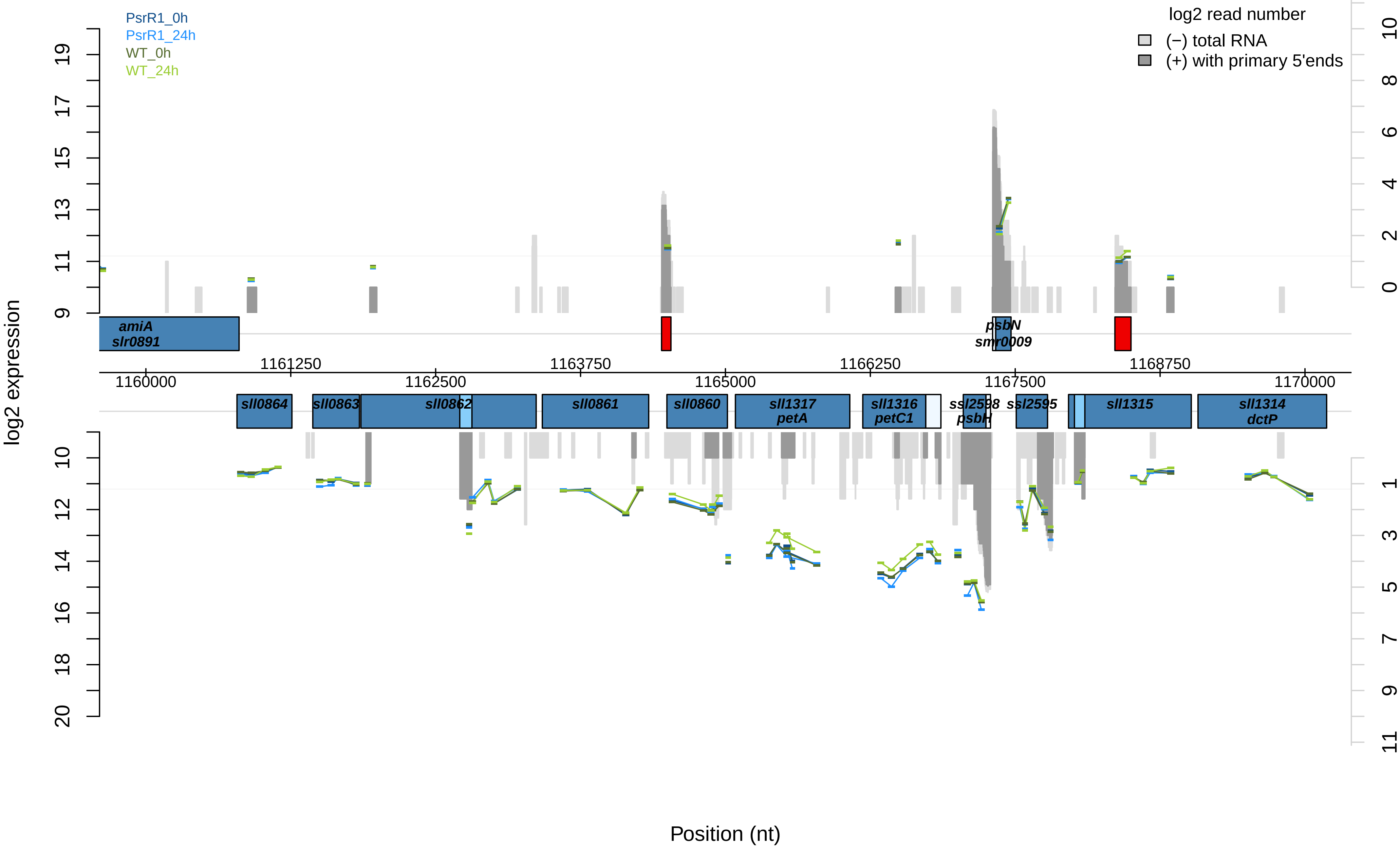
lipA
sll0867
sll0865
uvrC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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11
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12
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18
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2
4
6
8
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1
3
5
7
9
11
amiA
slr0891
psbN
smr0009
1161250
1163750
1166250
1168750
1160000
1162500
1165000
1167500
1170000
sll0864
sll0863
sll0862
sll0861
sll0860
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psbH
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sll1315
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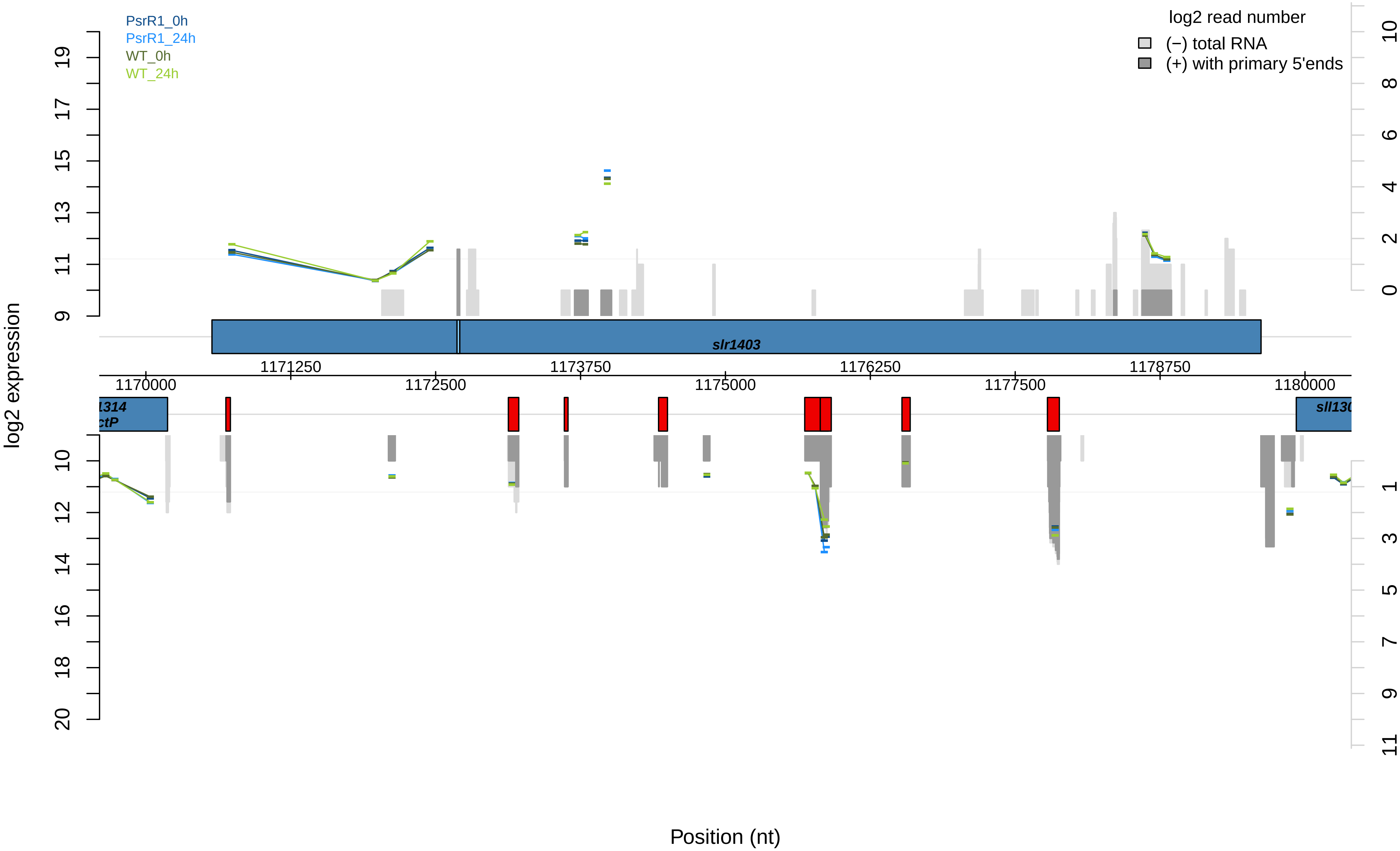
dctP
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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19
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12
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16
18
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4
6
8
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3
5
7
9
11
slr1403
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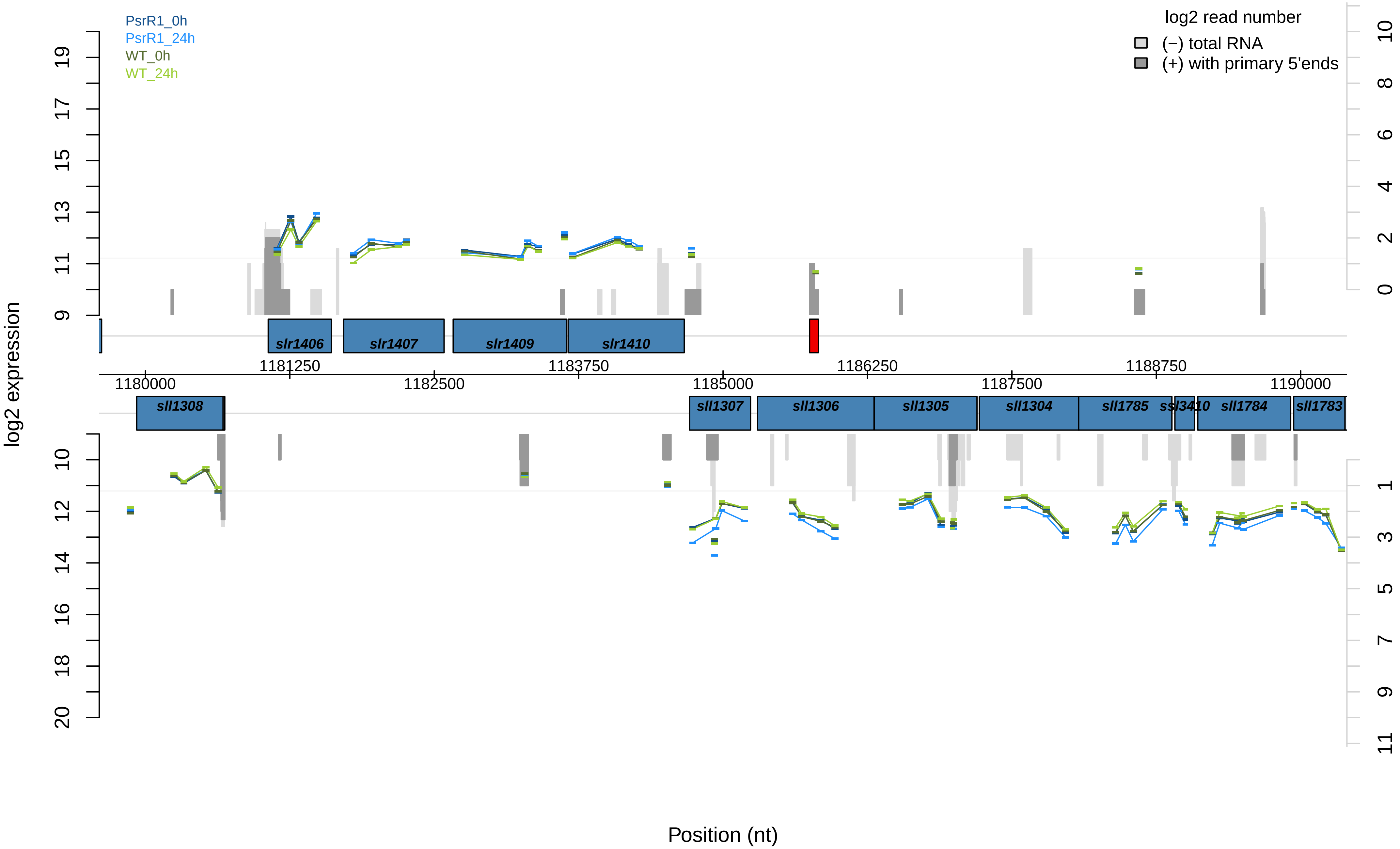
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
10
1
3
5
7
9
11
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slr1407
slr1409
slr1410
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1188750
1180000
1182500
1185000
1187500
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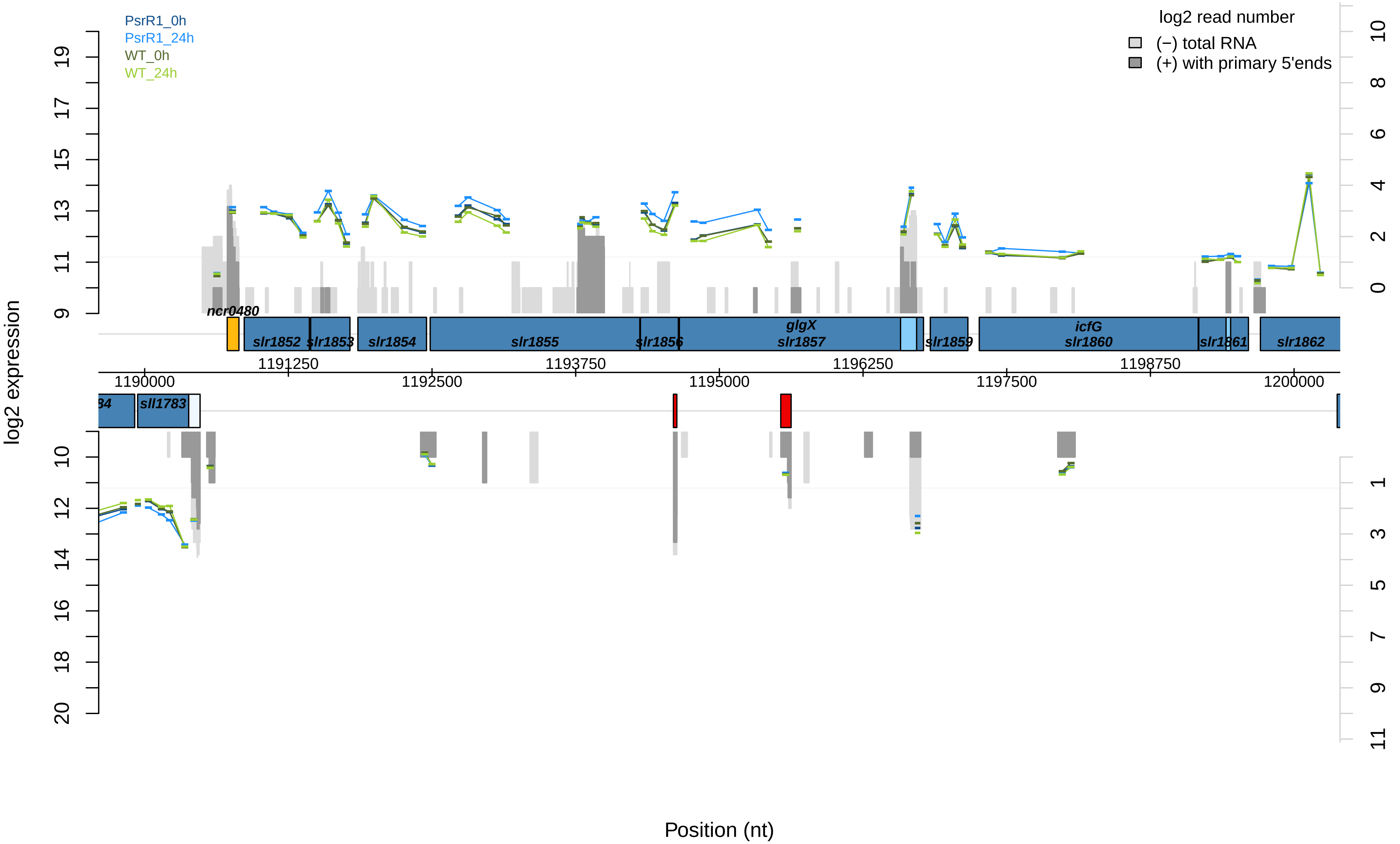
sll1306
sll1305
sll1304
sll1785
ssl3410
sll1784
sll1783
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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9
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8
6
4
2
0
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slr1852
slr1853
slr1854
slr1855
slr1856
glgX
slr1857
slr1859
icfG
slr1860
slr1861
slr1862
1191250
1193750
1196250
1198750
1190000
1192500
1195000
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sll1783
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18
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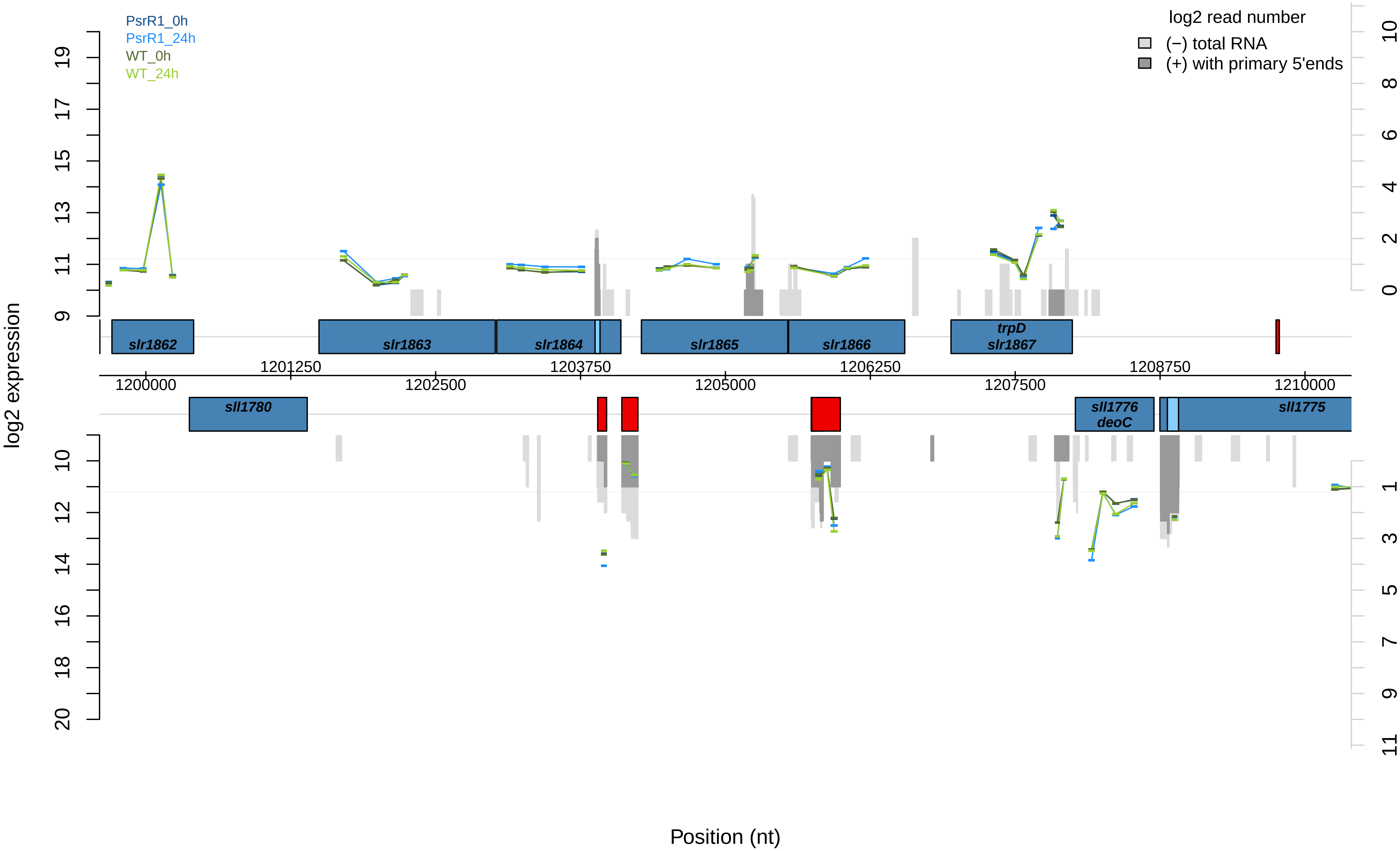
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
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18
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0
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8
10
1
3
5
7
9
11
slr1862
slr1863
slr1864
slr1865
slr1866
trpD
slr1867
sll1780
sll1776
deoC
sll1775
1200000
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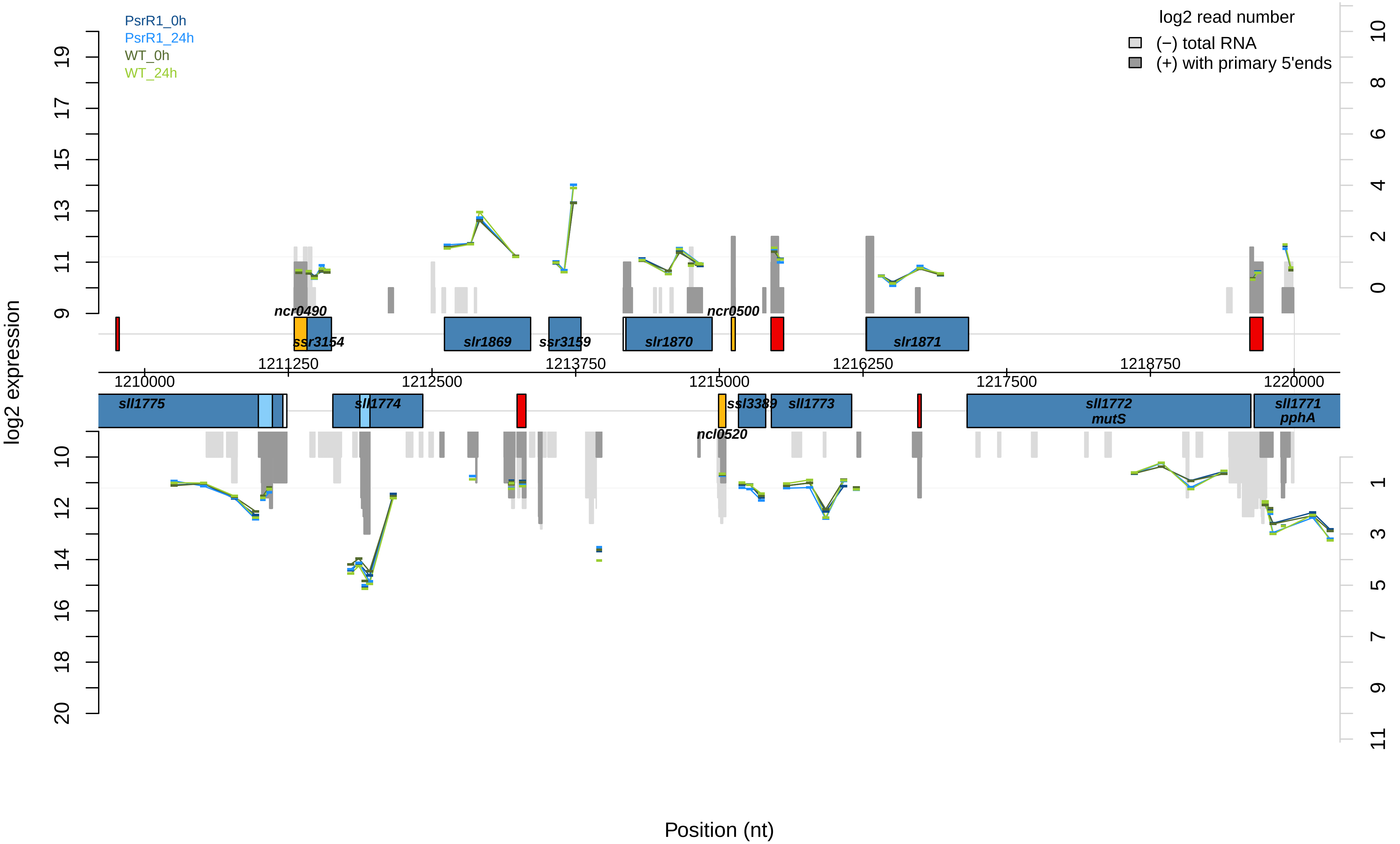
1208750
1210000


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
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8
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1
3
5
7
9
11
ncr0490
ssr3154
slr1869
ssr3159
slr1870
ncr0500
slr1871
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1213750
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1218750
1210000
1212500
1215000
1217500
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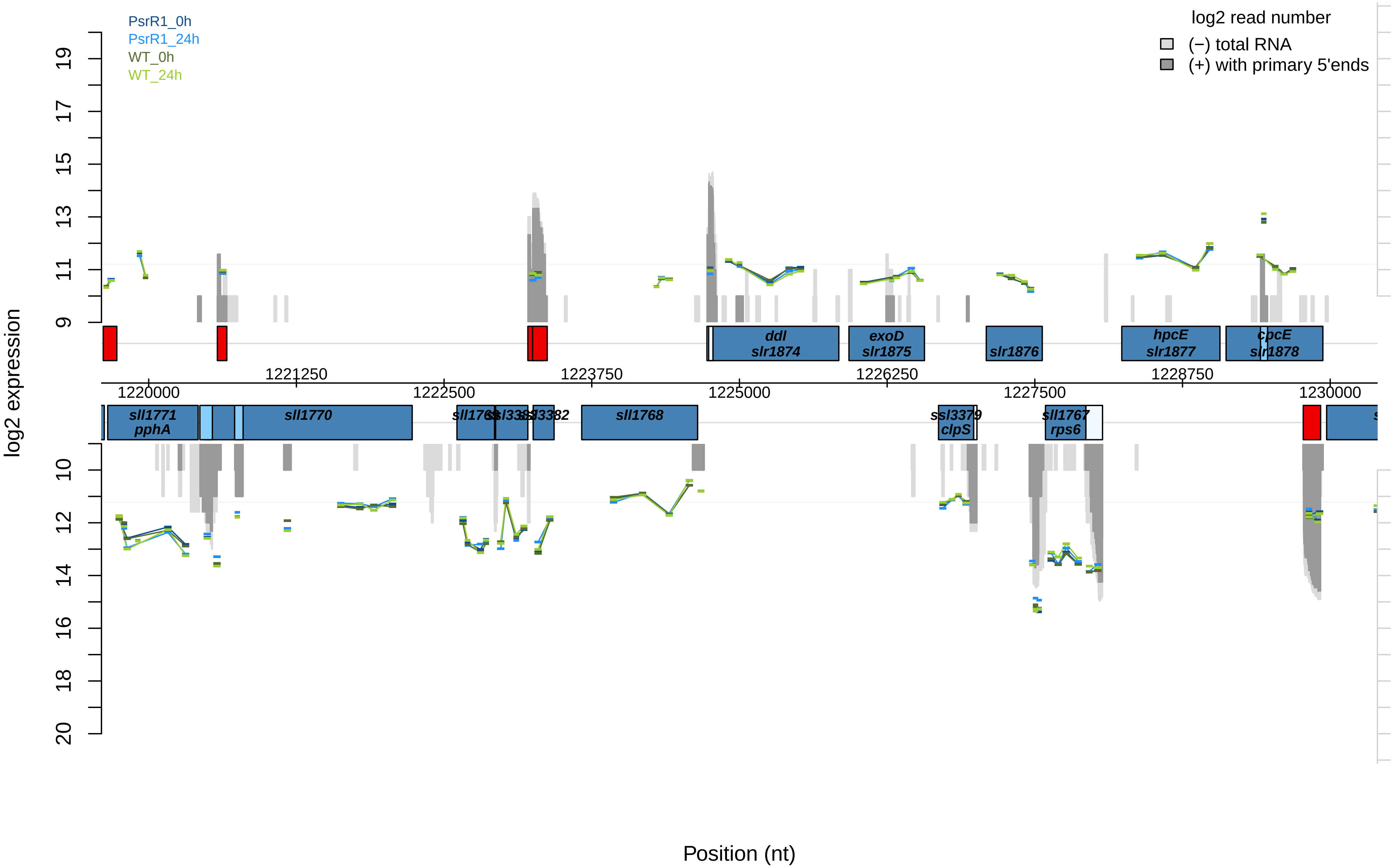
ssl3389
sll1773
ncl0520
sll1772
mutS
sll1771
pphA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
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8
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5
7
9
11
1221250
1223750
1226250
1228750
1220000
1222500
1225000
1227500
1230000
ddl
slr1874
exoD
slr1875
slr1876
hpcE
slr1877
cpcE
slr1878
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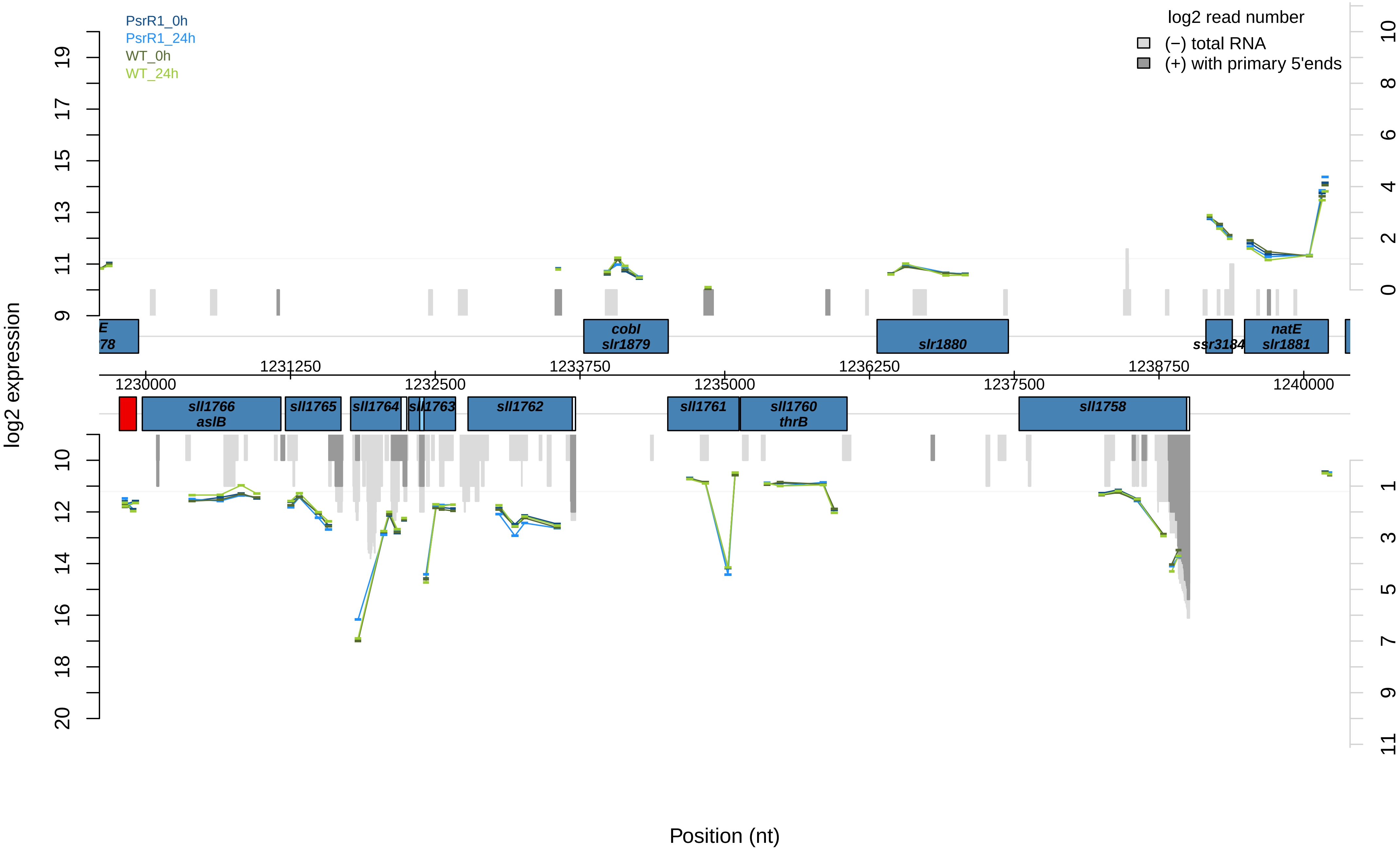
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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17
15
13
11
9
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8
6
4
2
0
E
78
cobI
slr1879
slr1880
ssr3184
natE
slr1881
1231250
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1236250
1238750
1230000
1232500
1235000
1237500
1240000
sll1766
aslB
sll1765
sll1764
sll1763
sll1762
sll1761
sll1760
thrB
sll1758
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1
3
5
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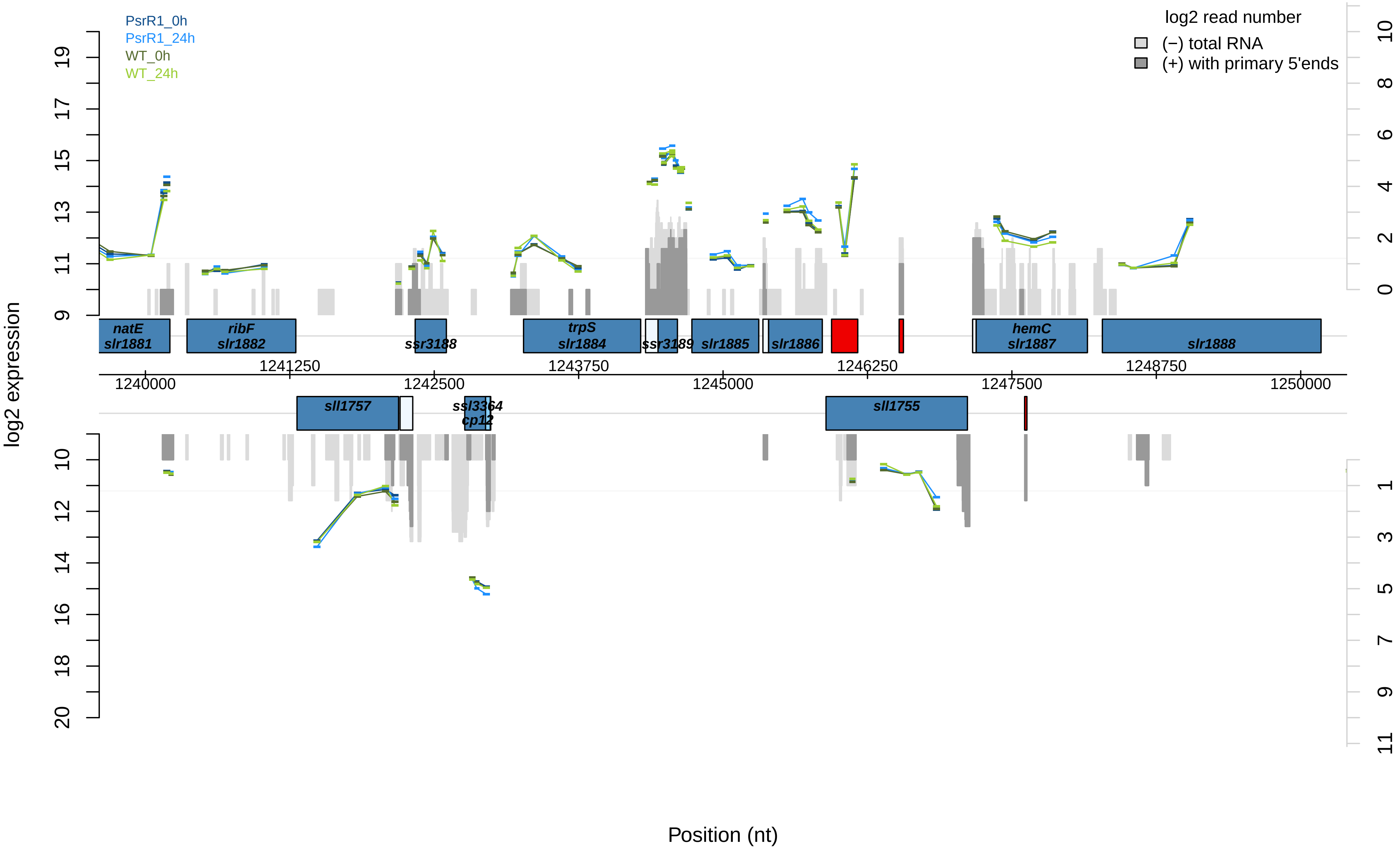
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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12
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1
3
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7
9
11
natE
slr1881
ribF
slr1882
ssr3188
trpS
slr1884
ssr3189
slr1885
slr1886
hemC
slr1887
slr1888
sll1757
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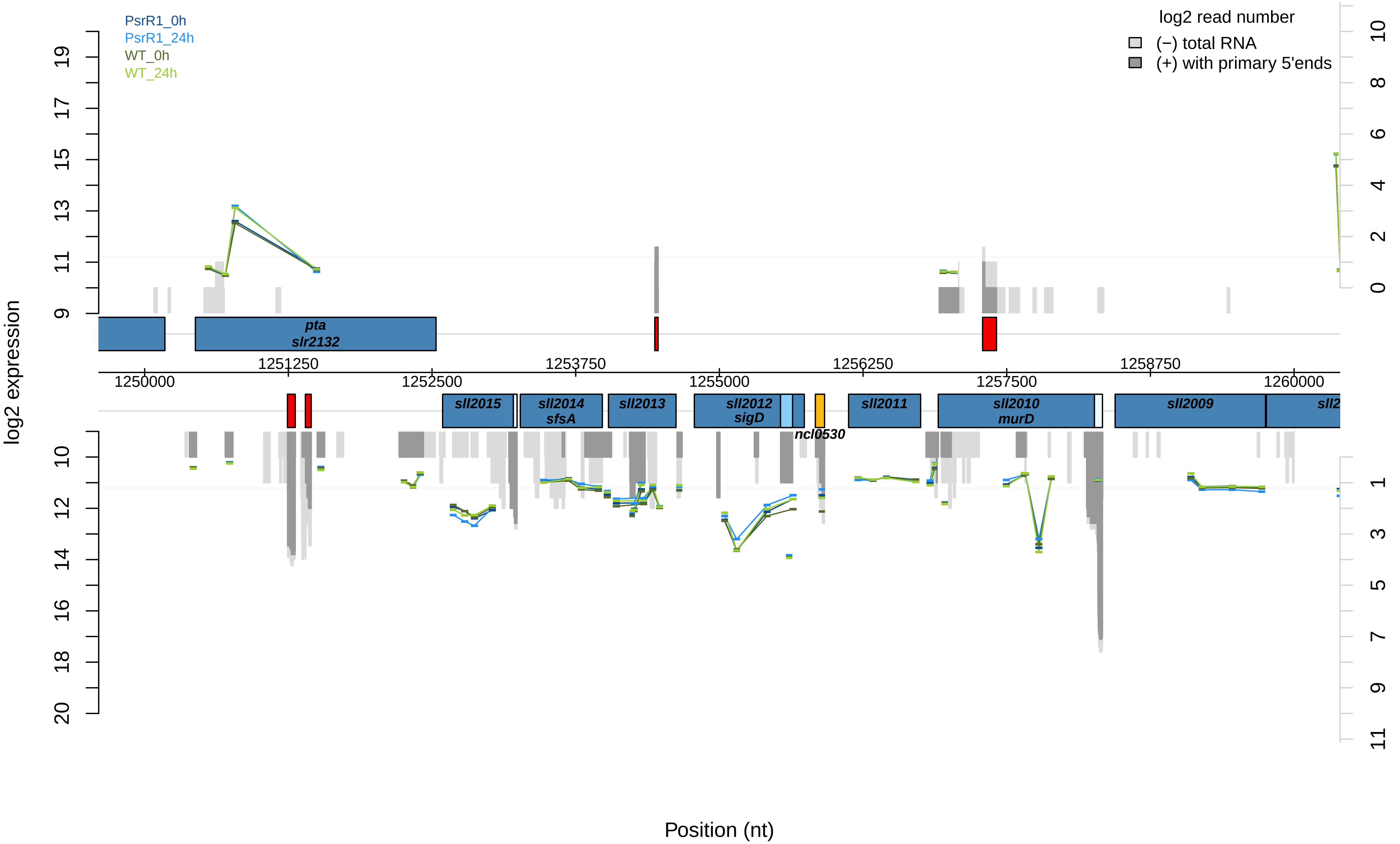
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
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pta
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1250000
1252500
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1257500
1260000
sll2015
sll2014
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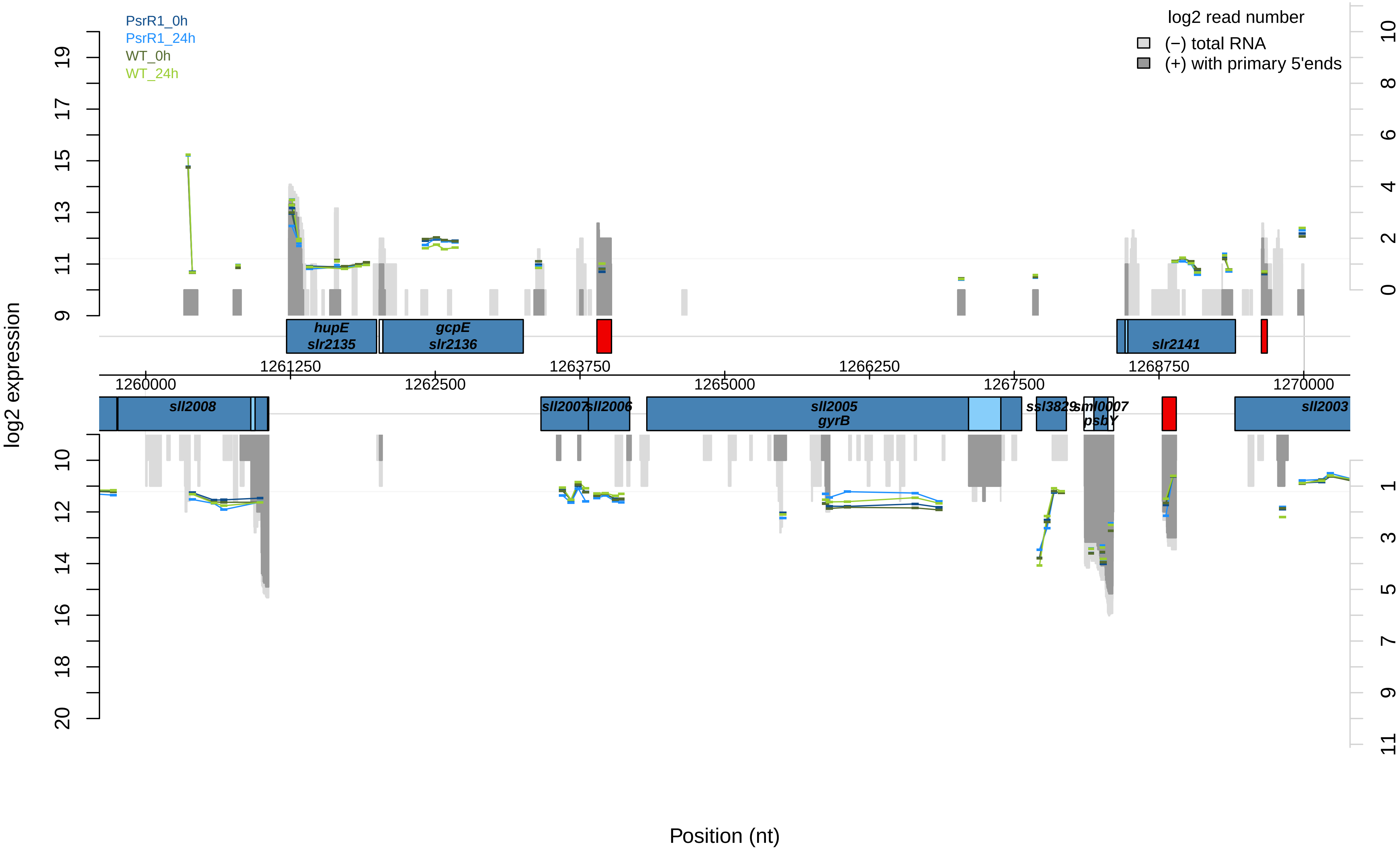
sll2013
sll2012
sigD
ncl0530
sll2011
sll2010
murD
sll2009
sll2
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
hupE
slr2135
gcpE
slr2136
slr2141
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sll2007
sll2006
sll2005
gyrB
ssl3829
sml0007
psbY
sll2003
1260000
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1262500
1263750
1265000
1266250
1267500
1268750
1270000
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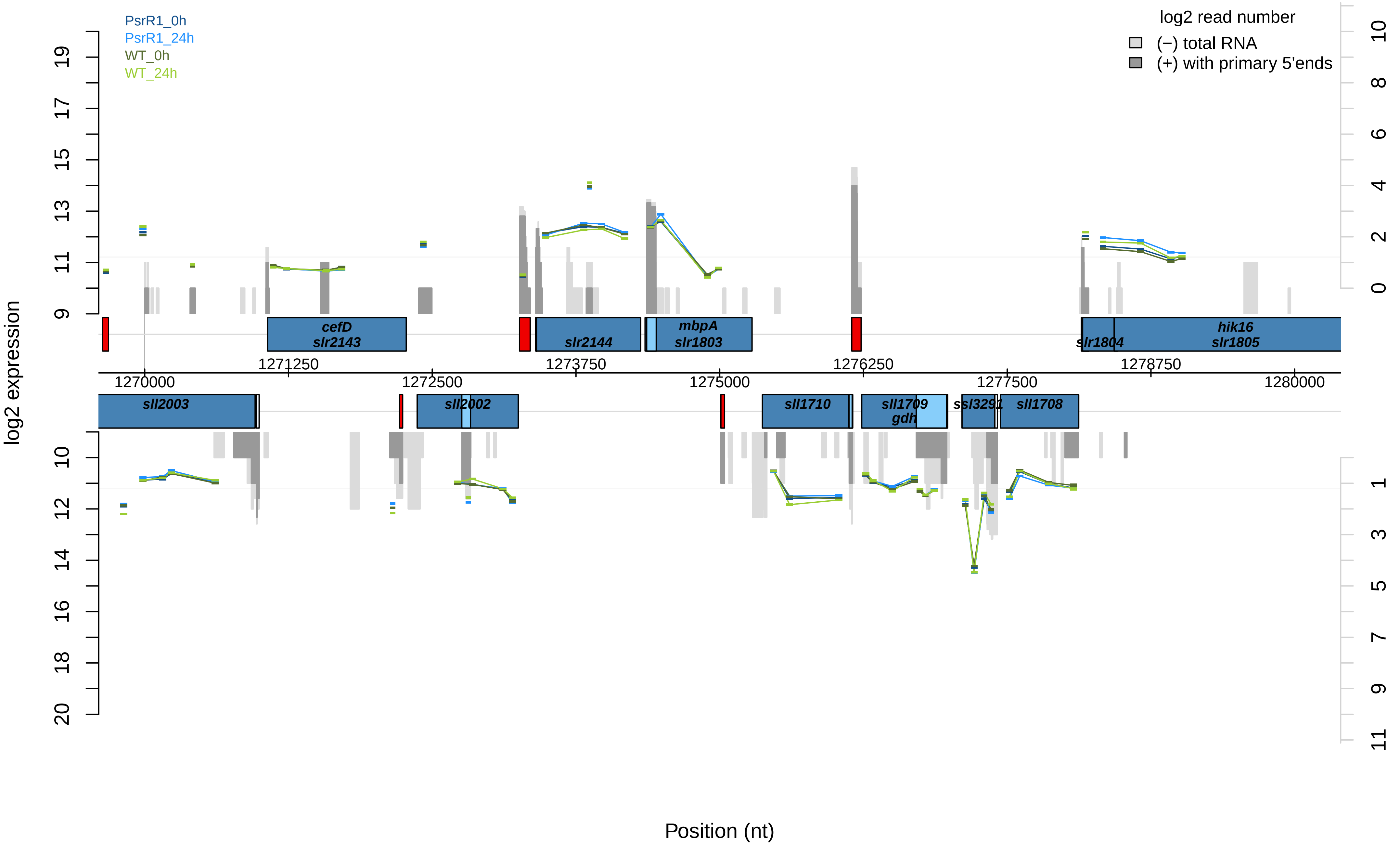
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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7
9
11
cefD
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slr2144
mbpA
slr1803
slr1804
hik16
slr1805
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1272500
1273750
1275000
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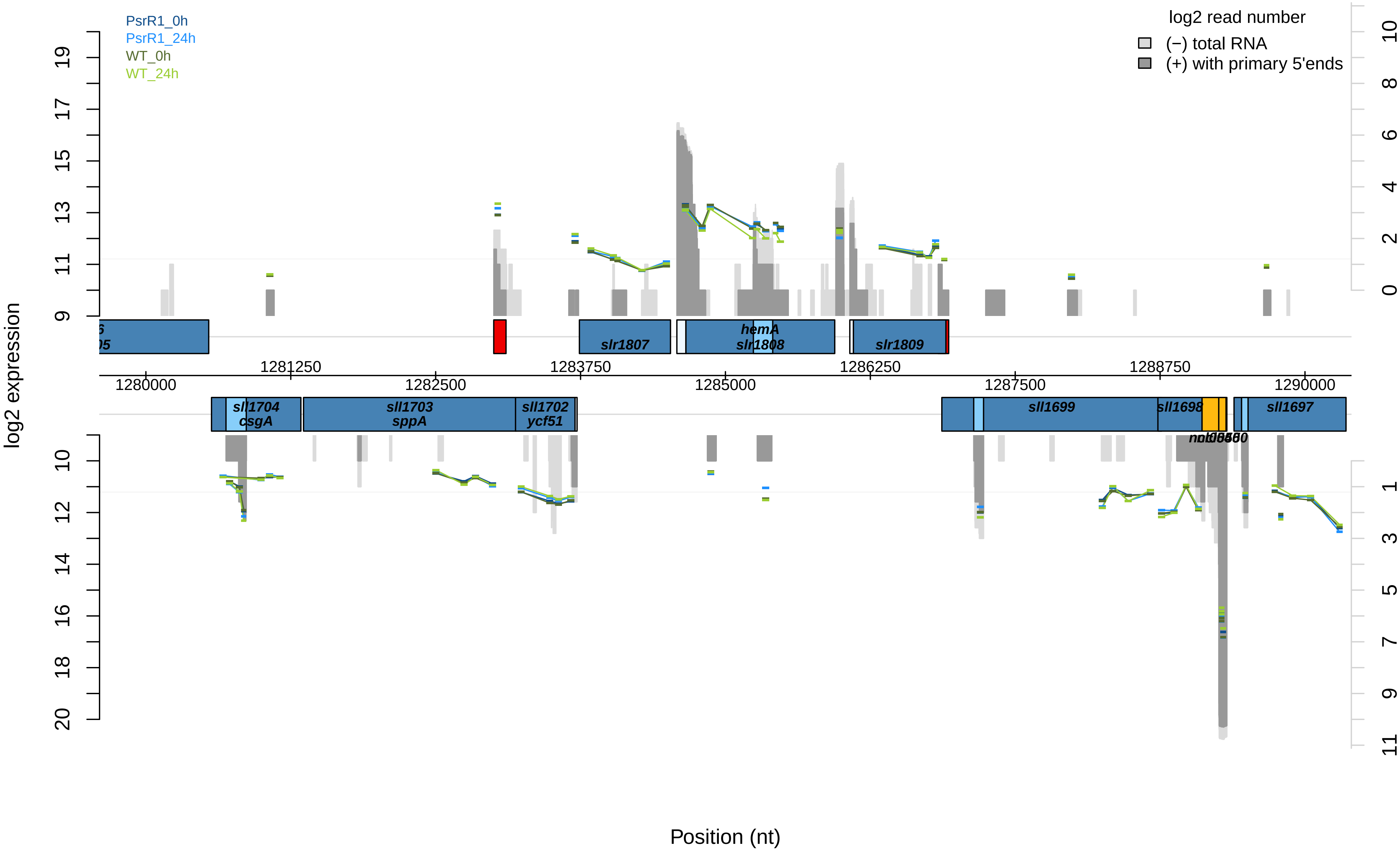
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
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4
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3
5
7
9
11
slr1807
hemA
slr1808
slr1809
sll1704
csgA
sll1703
sppA
sll1702
ycf51
sll1699
sll1698
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1282500
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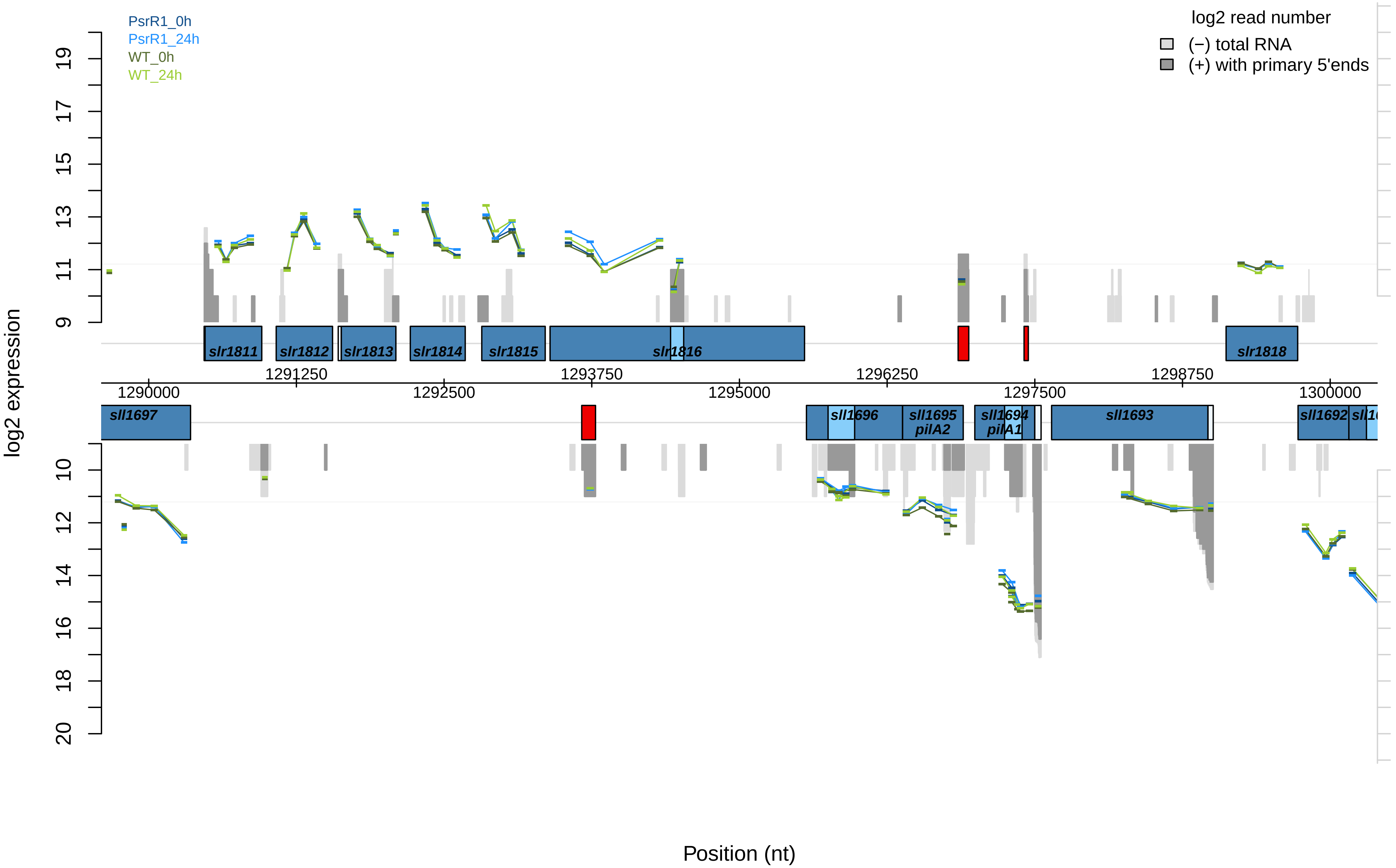
1290000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
■ (+) with primary 5'ends
log2 expression
9
11
13
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slr1815
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1298750
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1292500
1295000
1297500
1300000
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sll1696
sll1695
pilA2
sll1694
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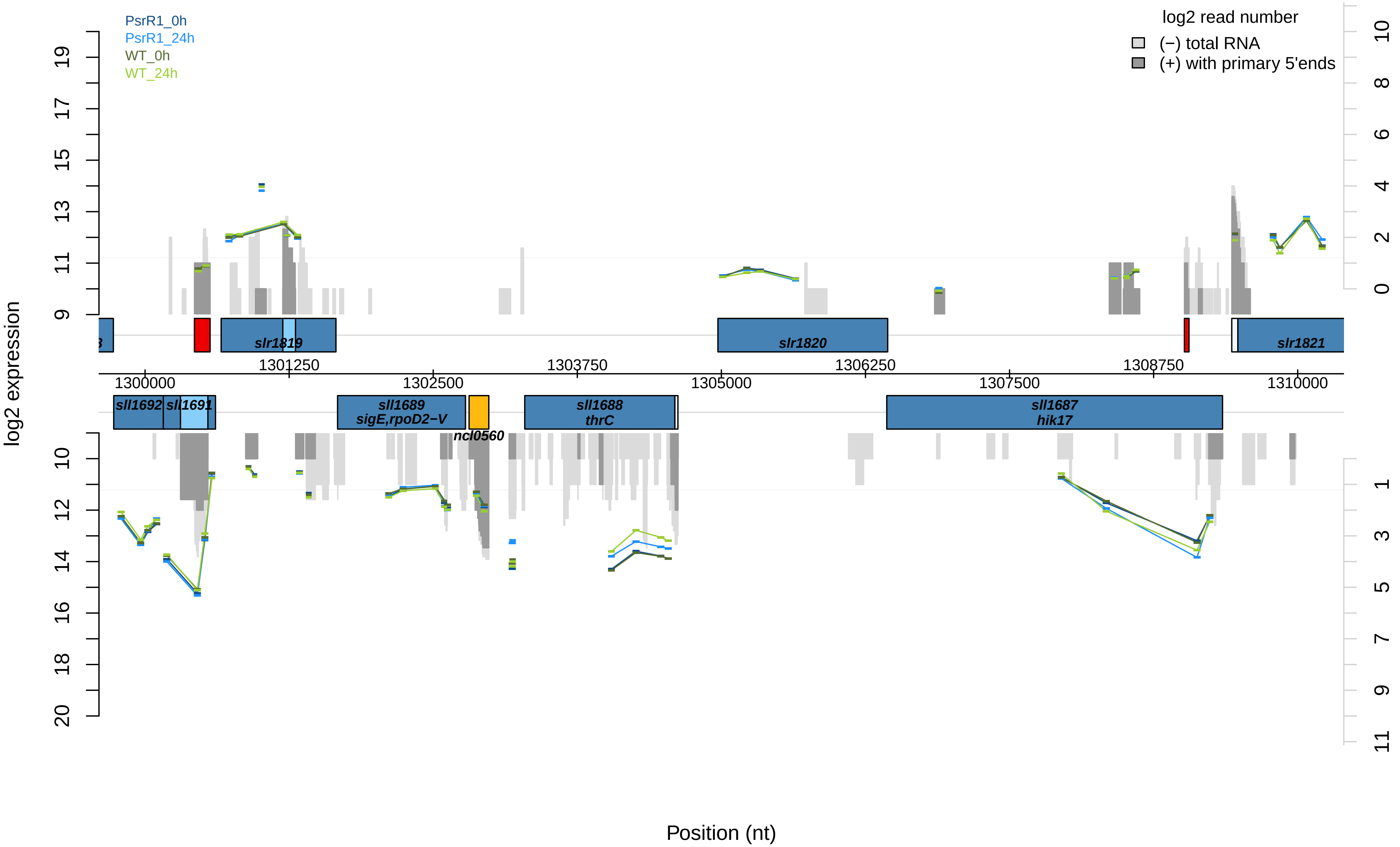
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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slr1820
slr1821
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1306250
1308750
1300000
1302500
1305000
1307500
1310000
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sigE,rpoD2−V
ncl0560
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thrC
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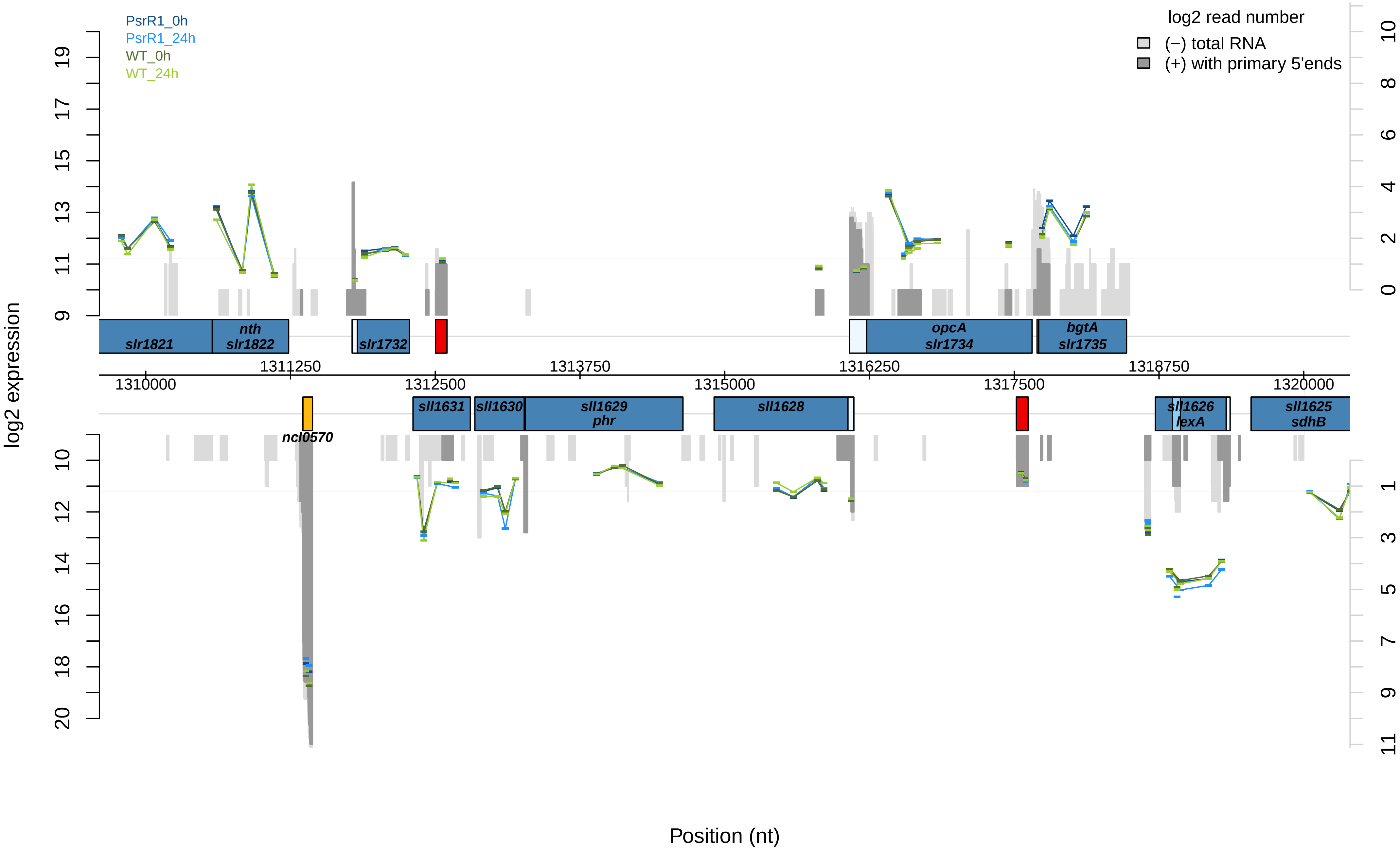
hik17
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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3
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nth
slr1822
slr1732
opcA
slr1734
bgtA
slr1735
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1315000
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1318750
1320000
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phr
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lexA
sll1625
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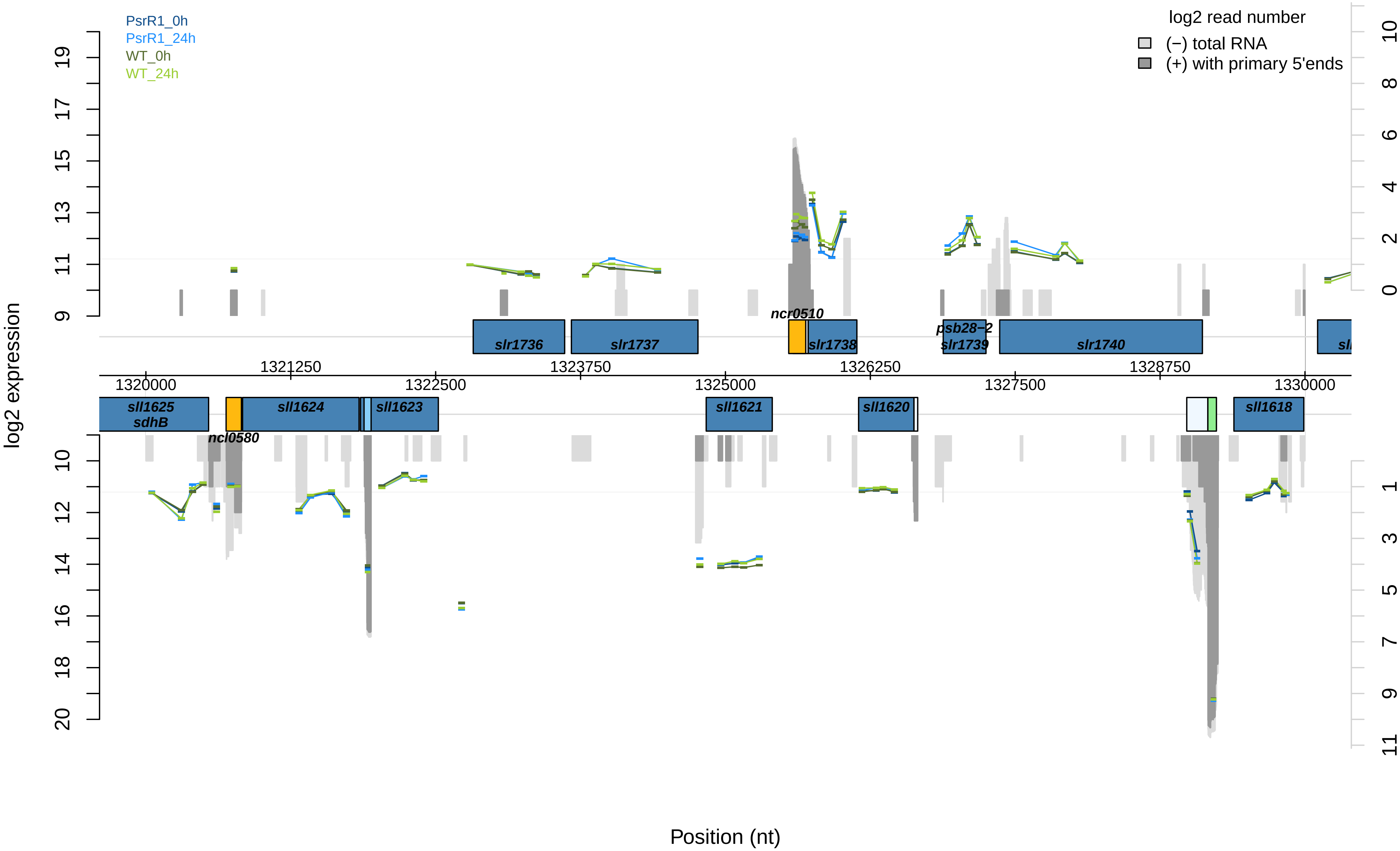
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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11
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12
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6
8
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1
3
5
7
9
11
ncr0510
slr1736
slr1737
slr1738
psb28−2
slr1739
slr1740
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1323750
1326250
1328750
1320000
1322500
1325000
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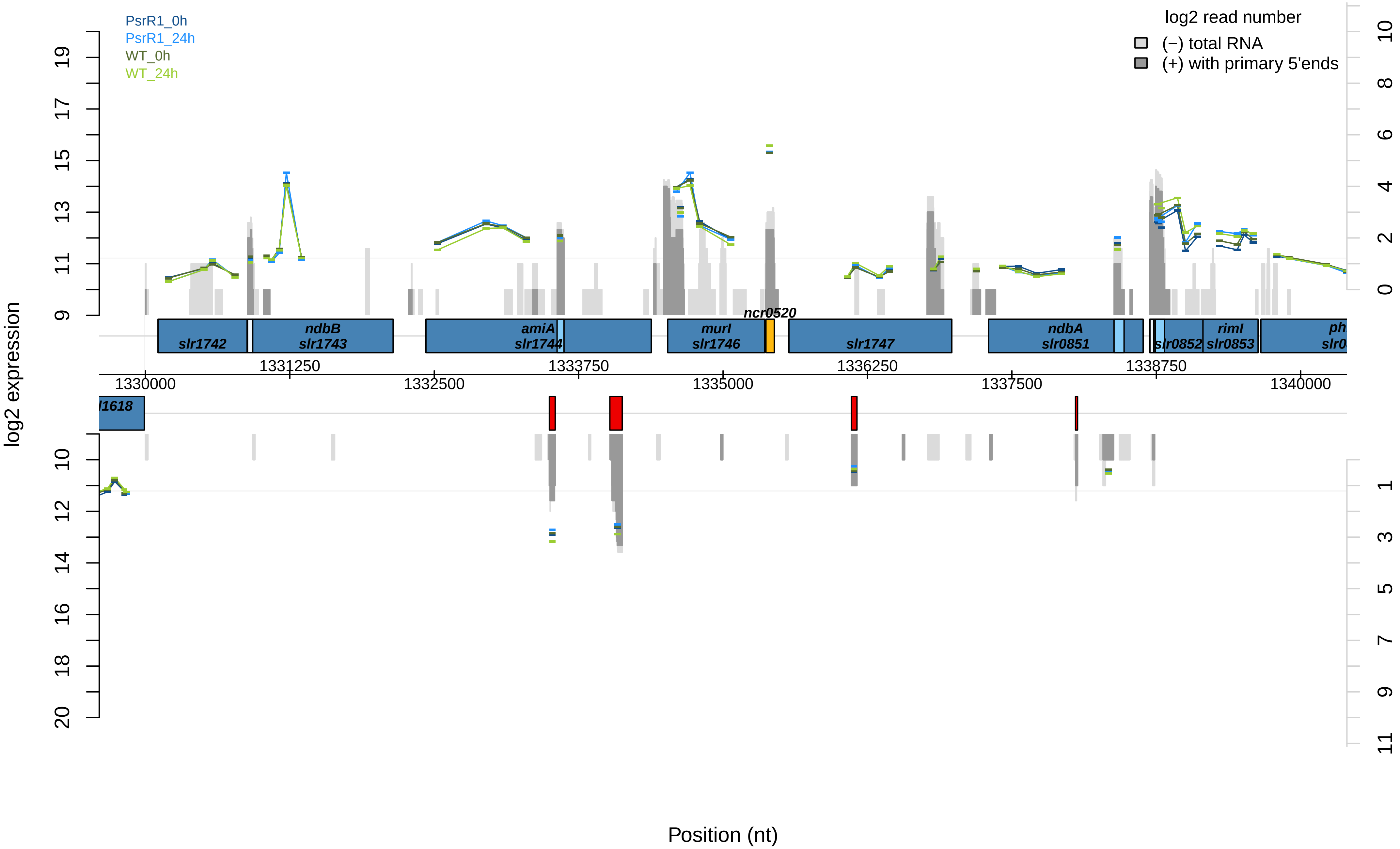
sll1624
sll1623
sll1621
sll1620
sll1618
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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17
19
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12
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18
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6
8
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ncr0520
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ndbB
slr1743
amiA
slr1744
murI
slr1746
slr1747
ndbA
slr0851
slr0852
rimI
slr0853
ph
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1336250
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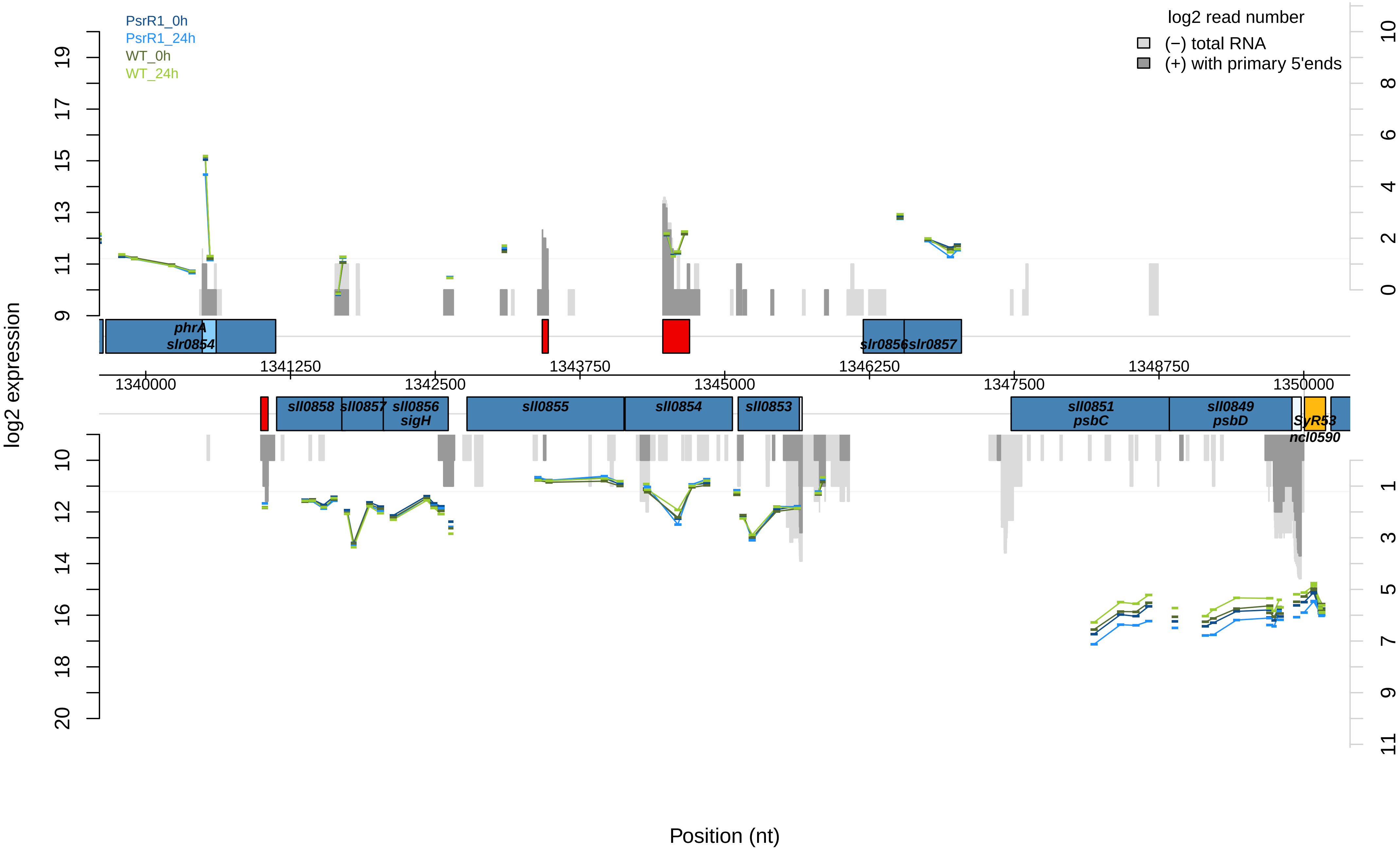
1338750
1340000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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9
11
phrA
slr0854
slr0856
slr0857
1341250
1343750
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1348750
1340000
1342500
1345000
1347500
1350000
sll0858
sll0857
sll0856
sigH
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sll0853
sll0851
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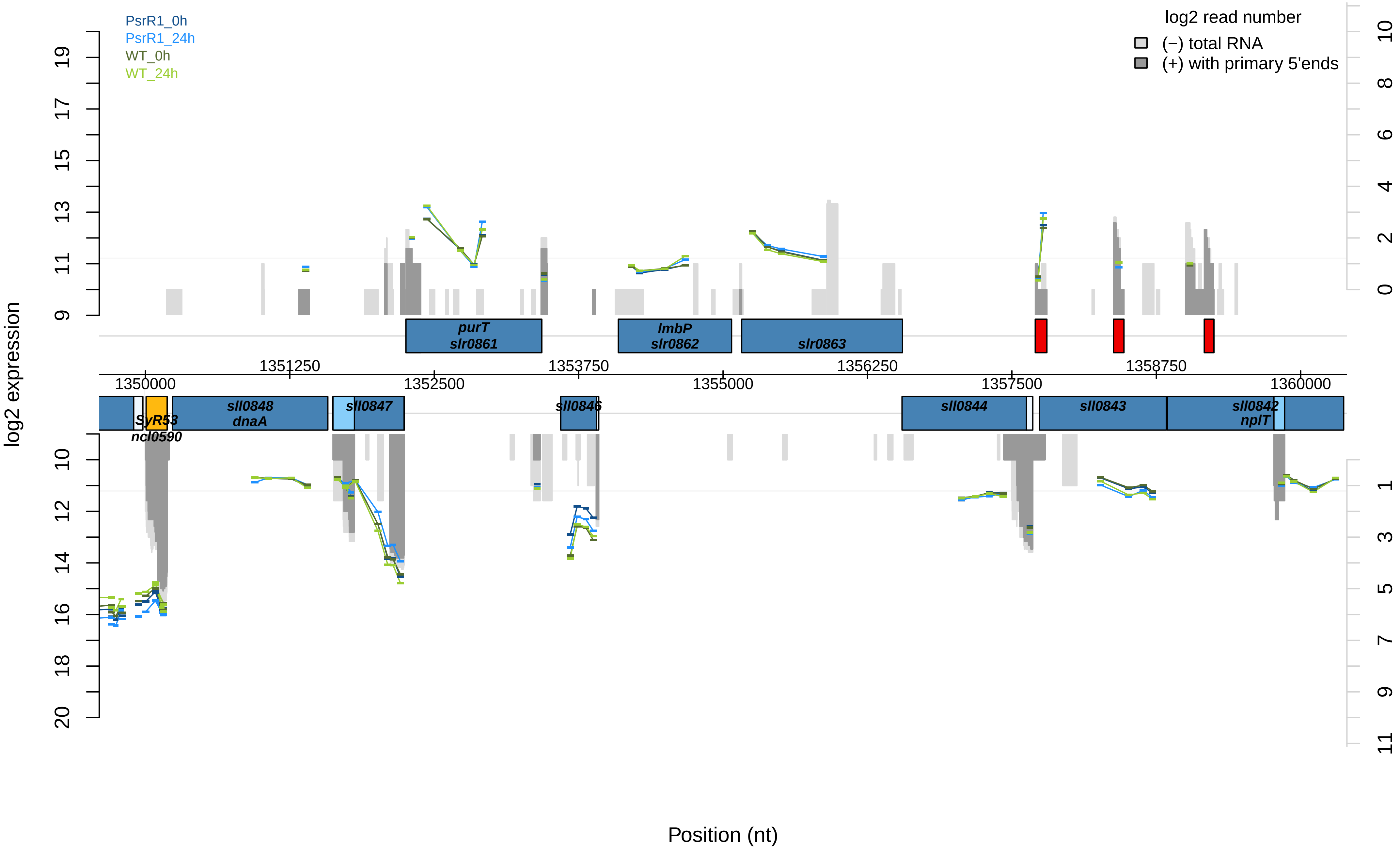
sll0849
psbD
SyR53
ncl0590
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
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9
11
purT
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lmbP
slr0862
slr0863
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1352500
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1357500
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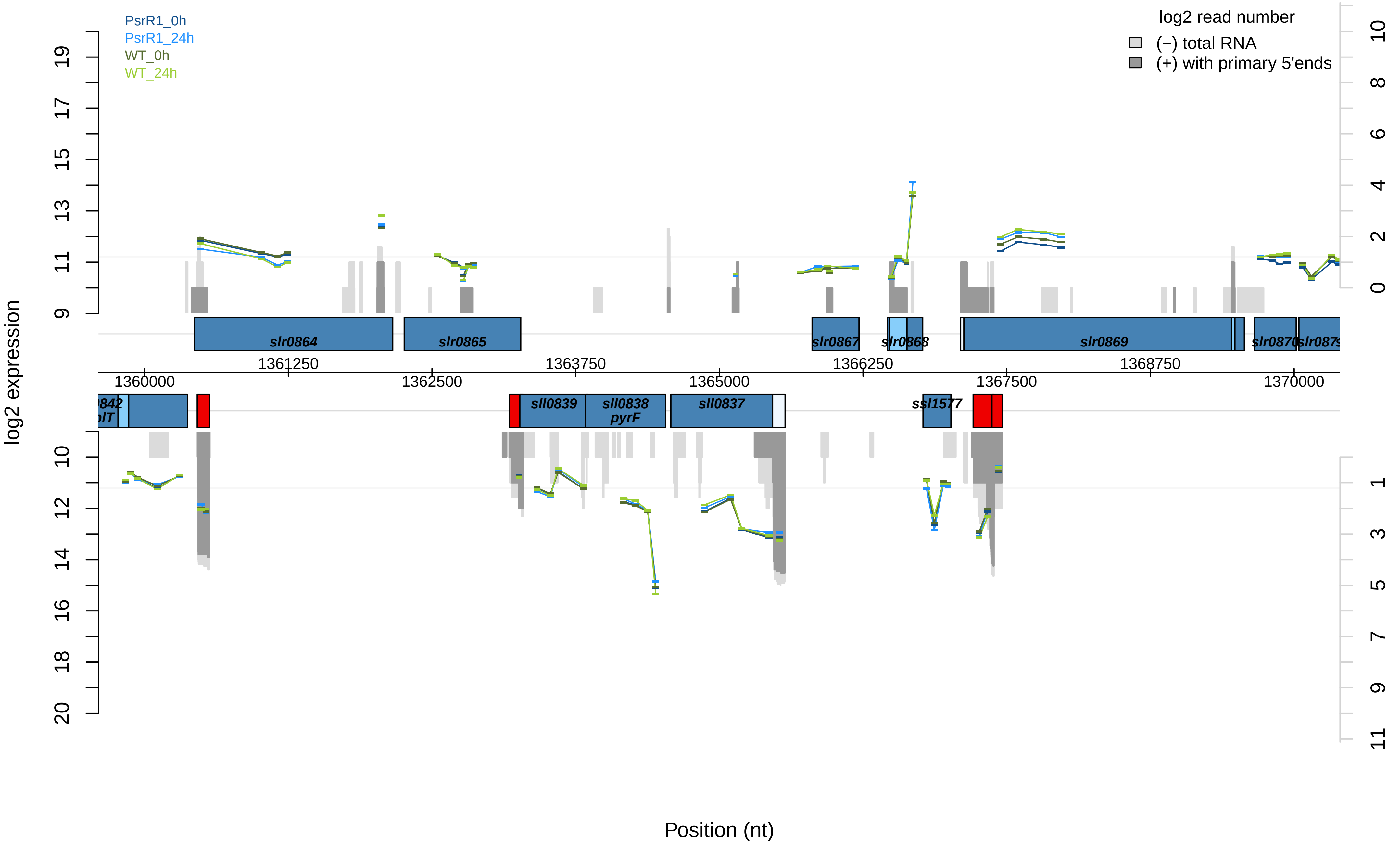
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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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3
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9
11
slr0864
slr0865
slr0867
slr0868
slr0869
slr0870
slr087
842
lT
sll0839
sll0838
pyrF
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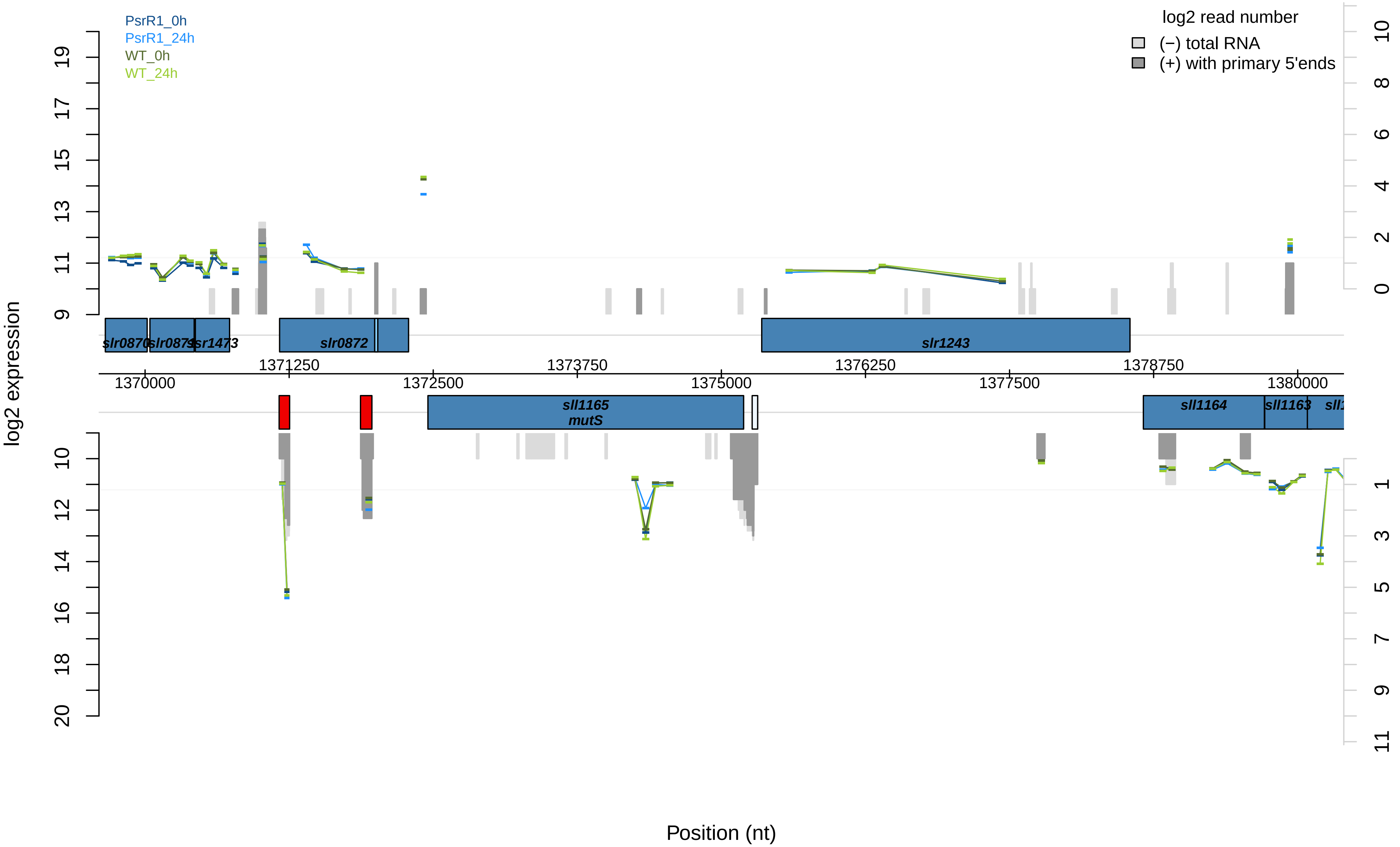
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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slr0870
slr0871
ssr1473
slr0872
slr1243
sll1165
mutS
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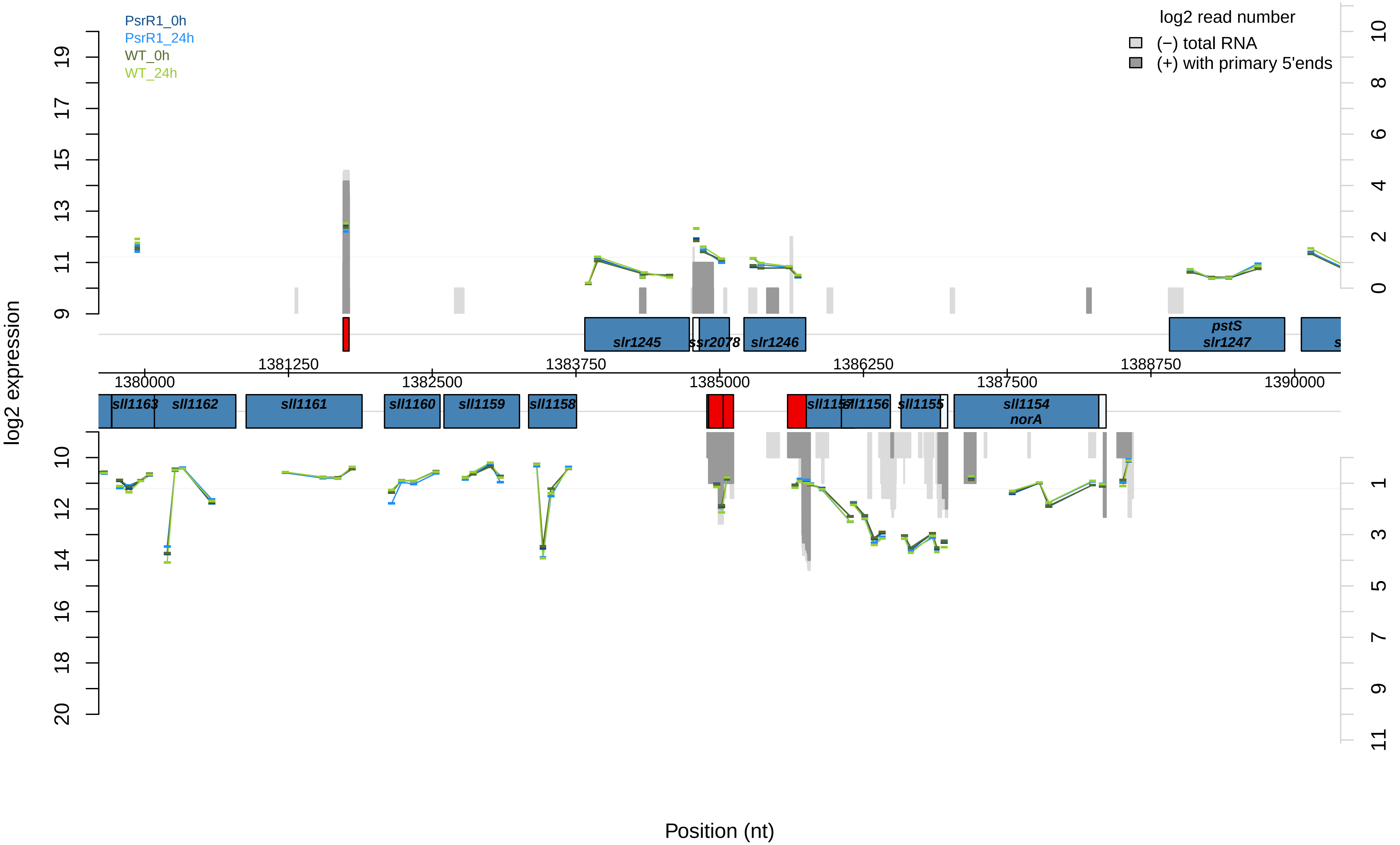
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
slr1245
ssr2078
slr1246
pstS
slr1247
s
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1382500
1385000
1387500
1390000
sll1163
sll1162
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sll1159
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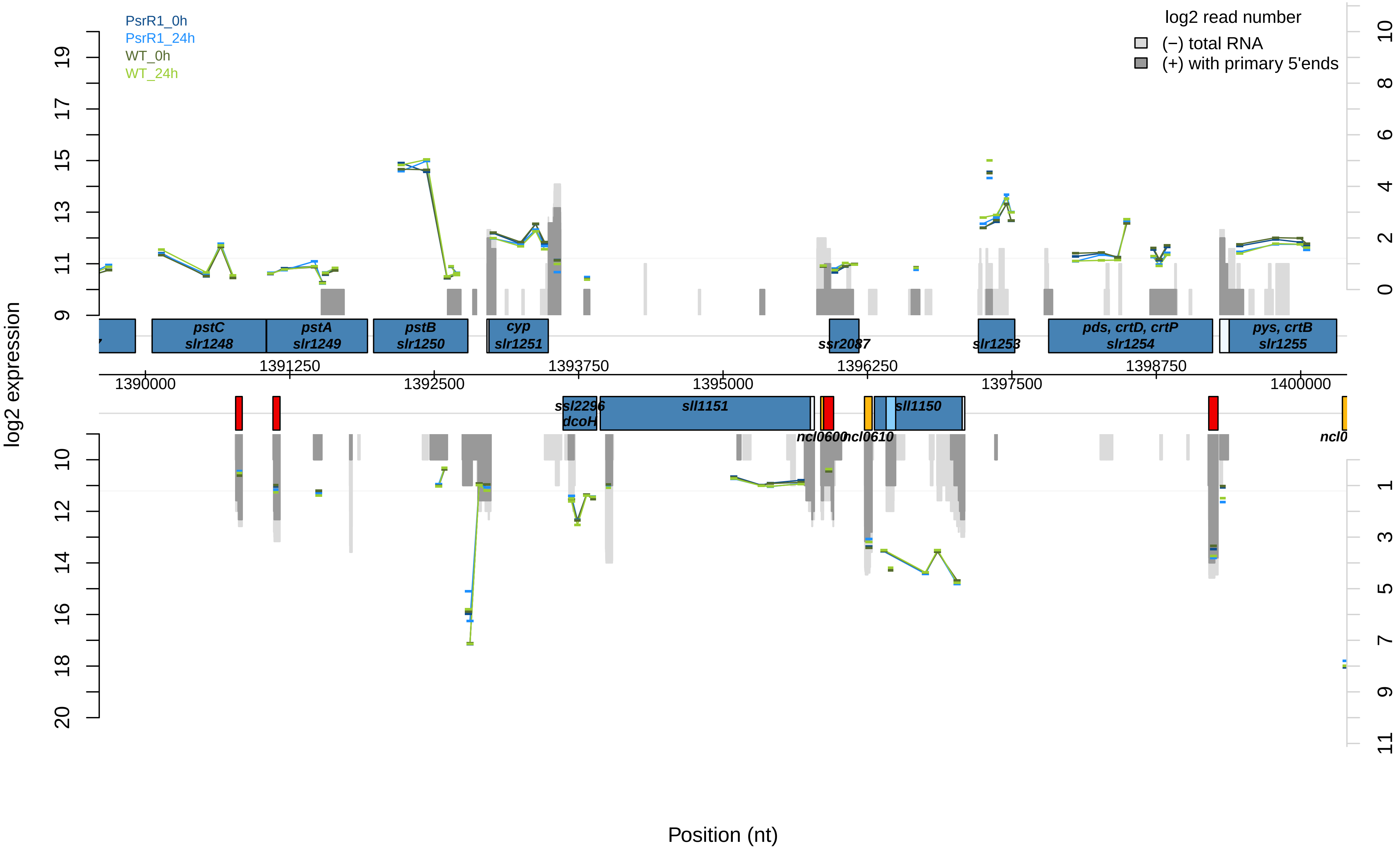
sll1157
sll1156
sll1155
sll1154
norA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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pstC
slr1248
pstA
slr1249
pstB
slr1250
cyp
slr1251
ssr2087
slr1253
pds, crtD, crtP
slr1254
pys, crtB
slr1255
1391250
1393750
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1398750
1390000
1392500
1395000
1397500
1400000
ssl2296
dcoH
sll1151
sll1150
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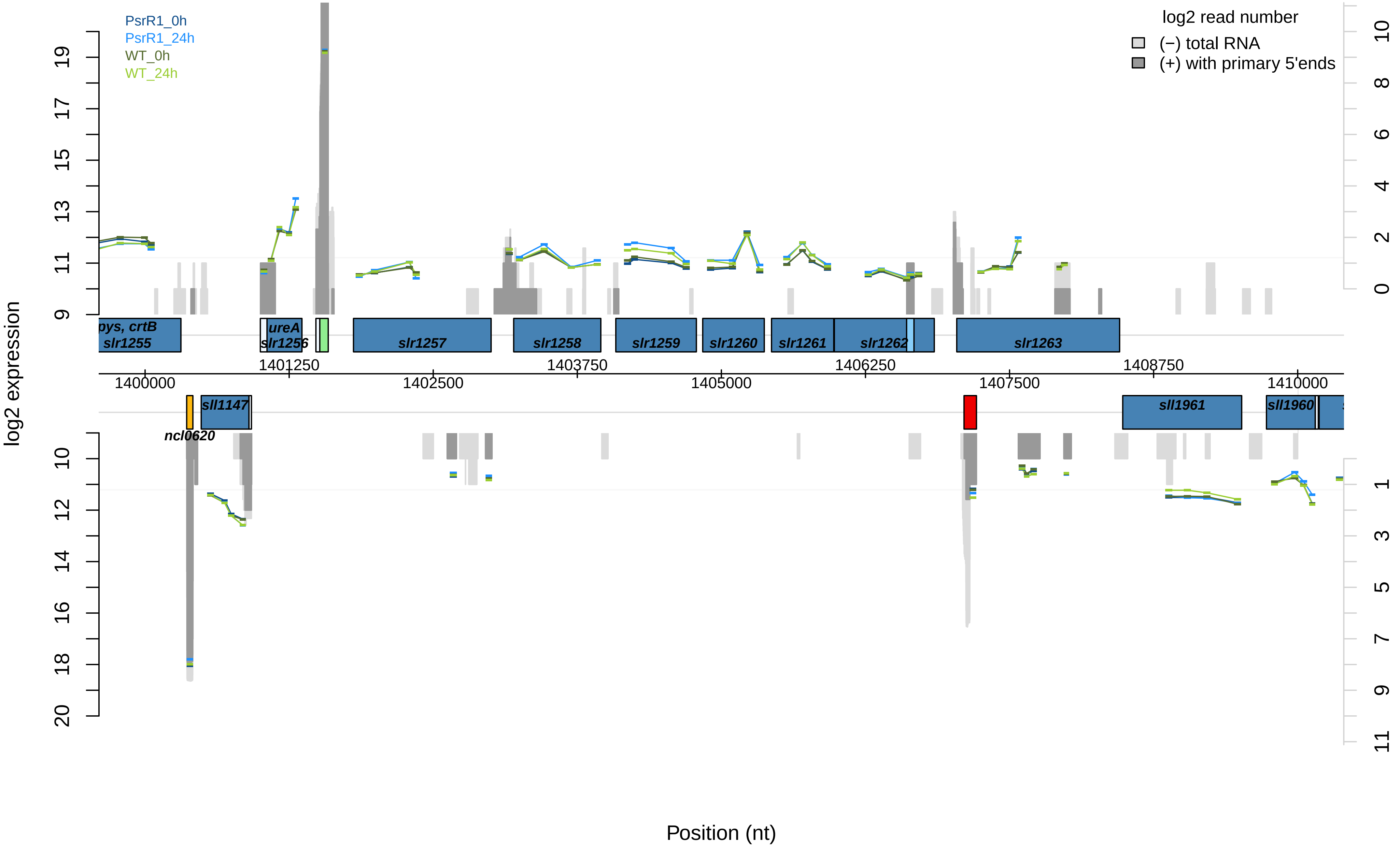
9
11
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
pys, crtB
slr1255
ureA
slr1256
slr1257
slr1258
slr1259
slr1260
slr1261
slr1262
slr1263
1401250
1403750
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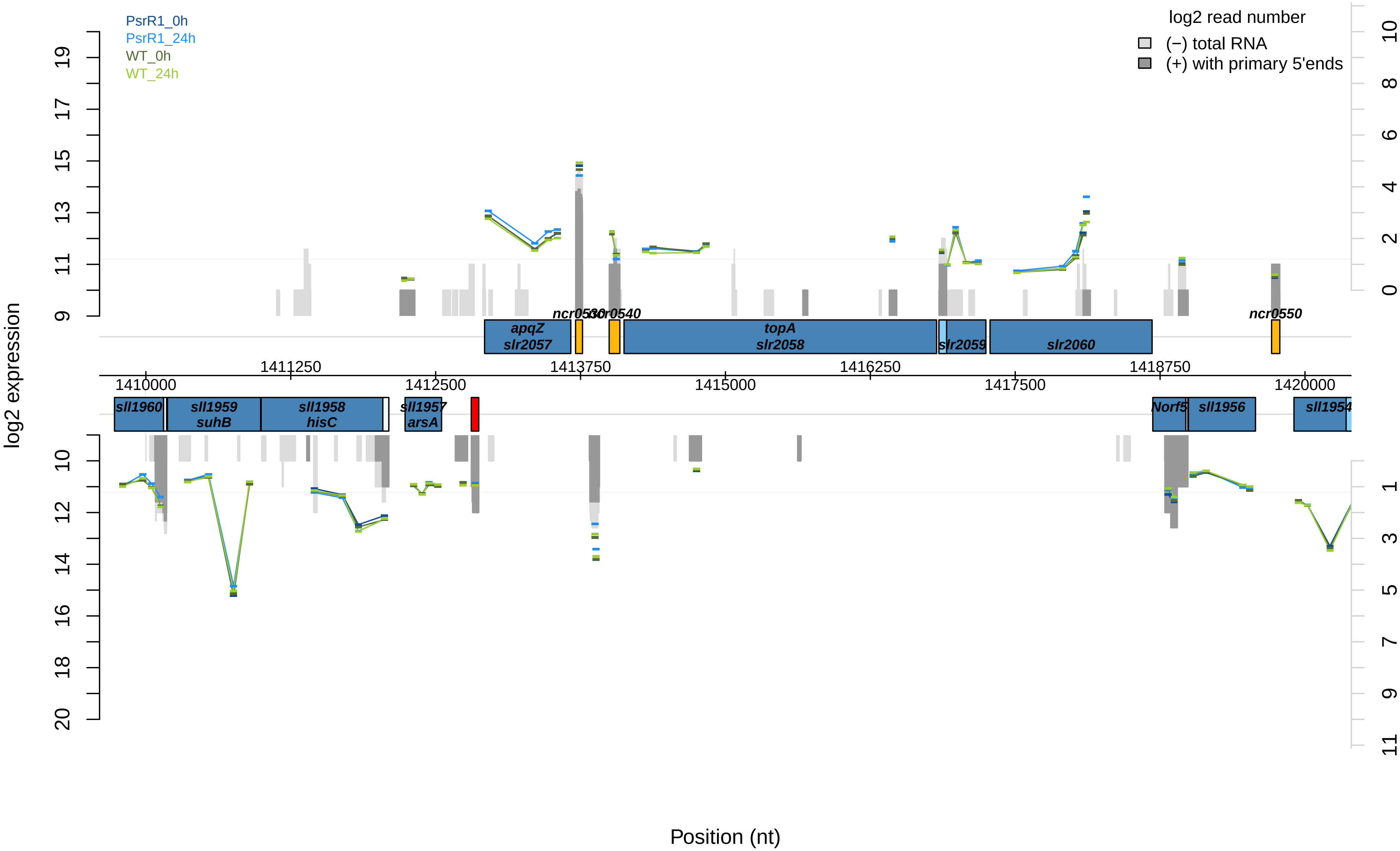
ncl0620
sll1961
sll1960
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
apqZ
slr2057
ncr0530
ncr0540
topA
slr2058
slr2059
slr2060
ncr0550
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1413750
1416250
1418750
1410000
1412500
1415000
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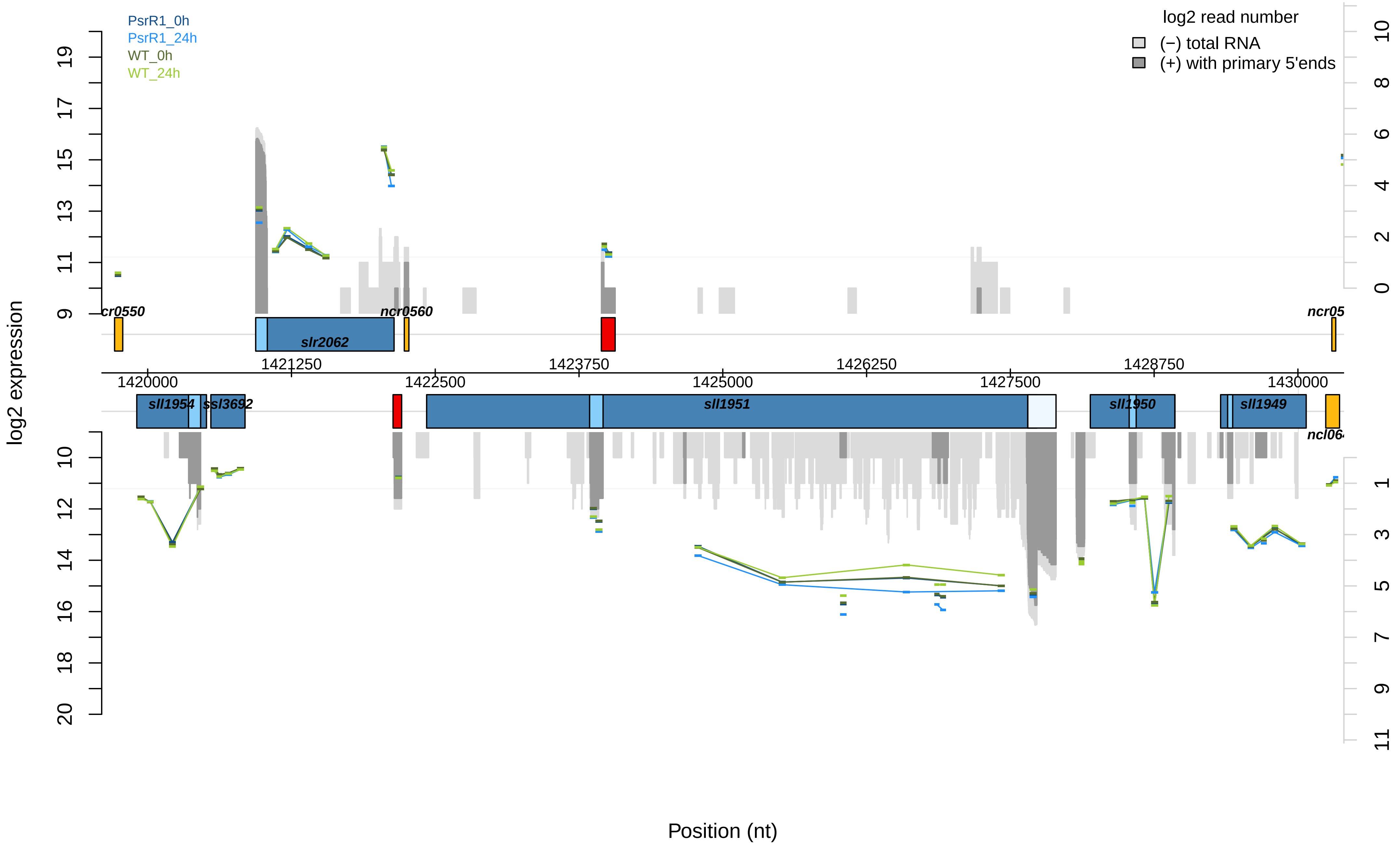
sll1959
suhB
sll1958
hisC
sll1957
arsA
Norf5
sll1956
sll1954
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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slr2062
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1426250
1428750
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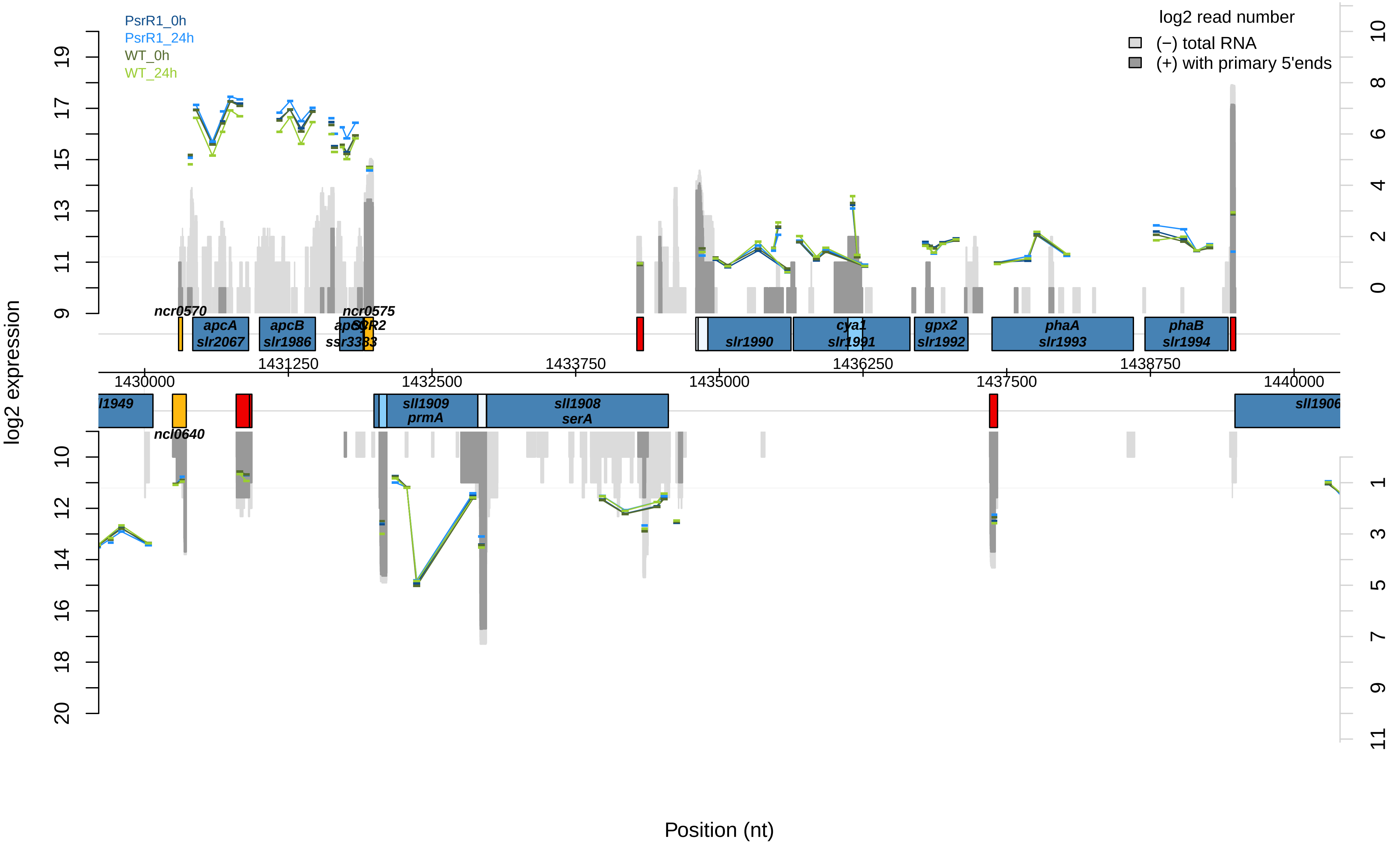
sll1951
sll1950
sll1949
ncl06
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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slr2067
apcB
slr1986
ncr0575
apcC
ssr3383
SCR2
slr1990
cya1
slr1991
gpx2
slr1992
phaA
slr1993
phaB
slr1994
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sll1908
serA
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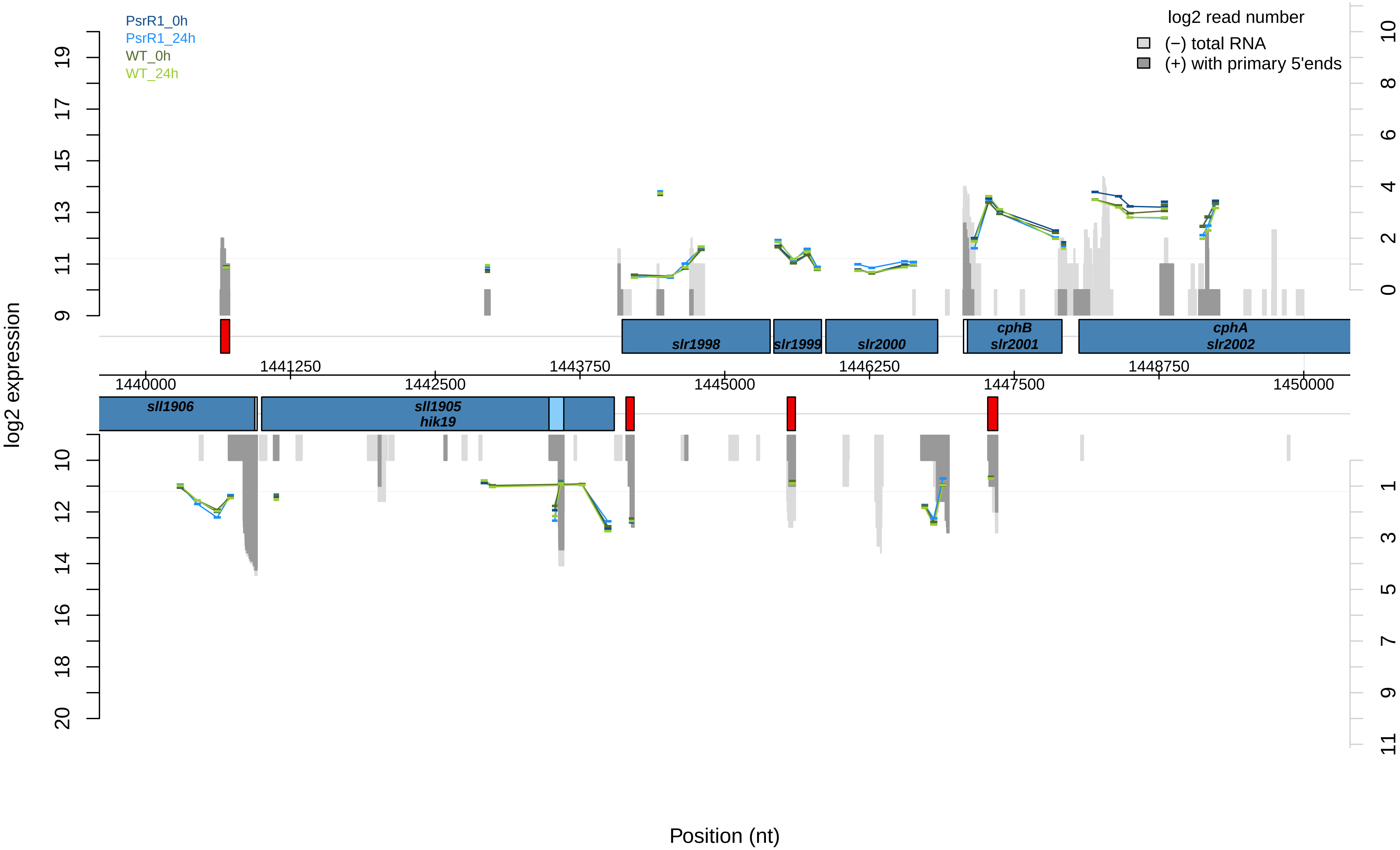
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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11
slr1998
slr1999
slr2000
cphB
slr2001
cphA
slr2002
sll1906
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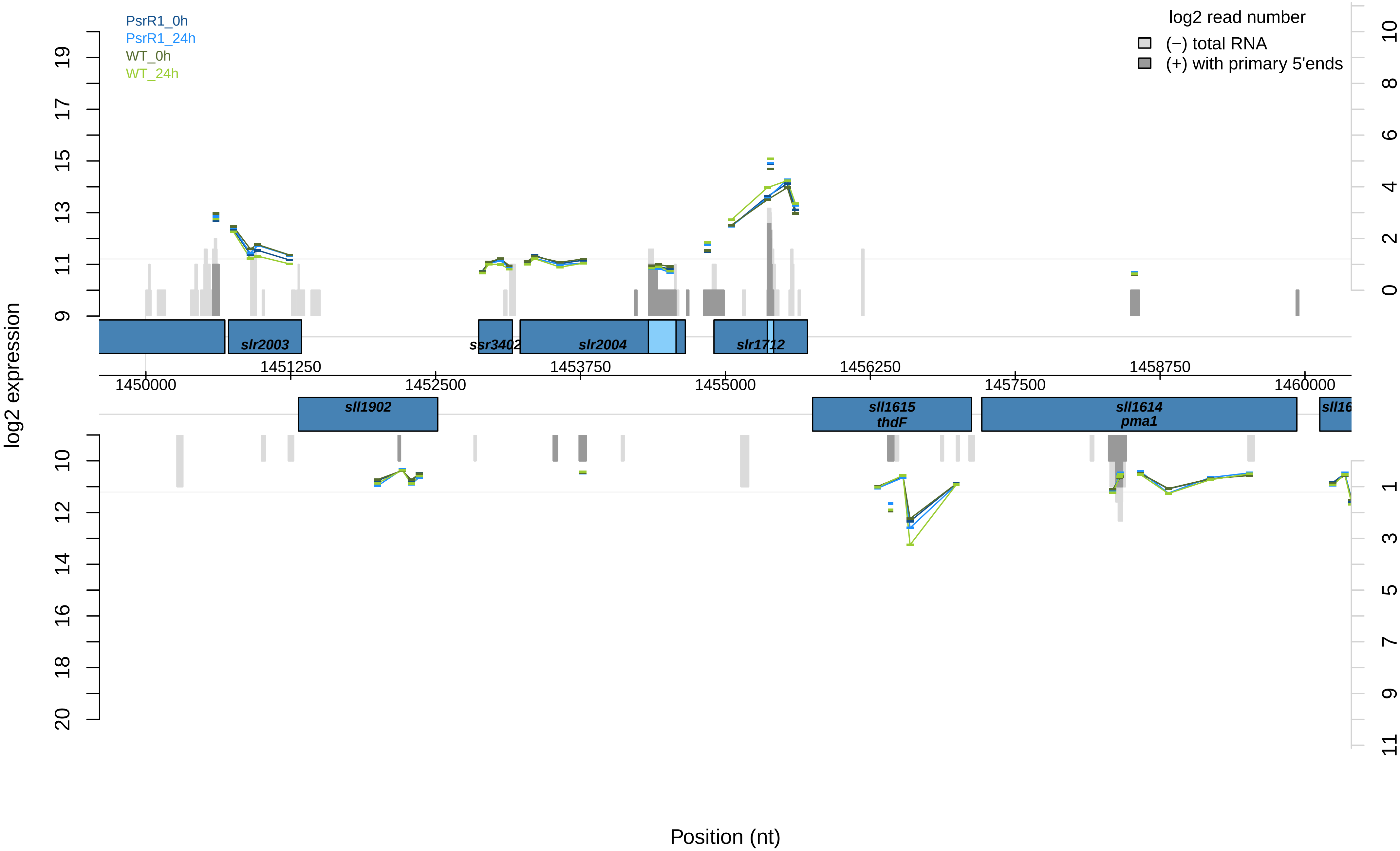
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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ssr3402
slr2004
slr1712
sll1902
sll1615
thdF
sll1614
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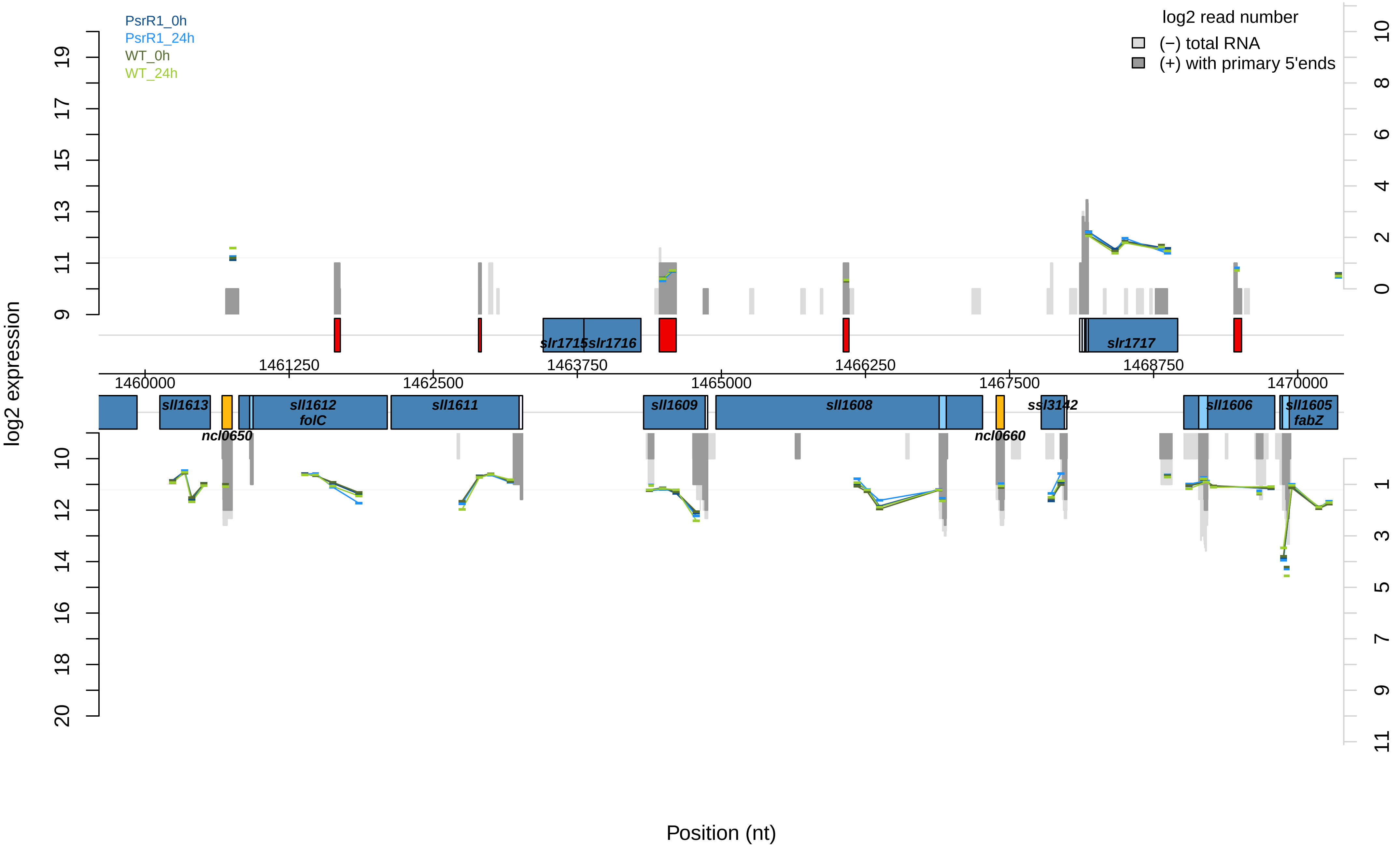
Position (nt)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PsrR1_24h
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WT_24h
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(+) with primary 5'ends
log2 expression
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slr1716
slr1717
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1462500
1465000
1467500
1470000
sll1613
ncl0650
sll1612
folC
sll1611
sll1609
sll1608
ncl0660
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fabZ
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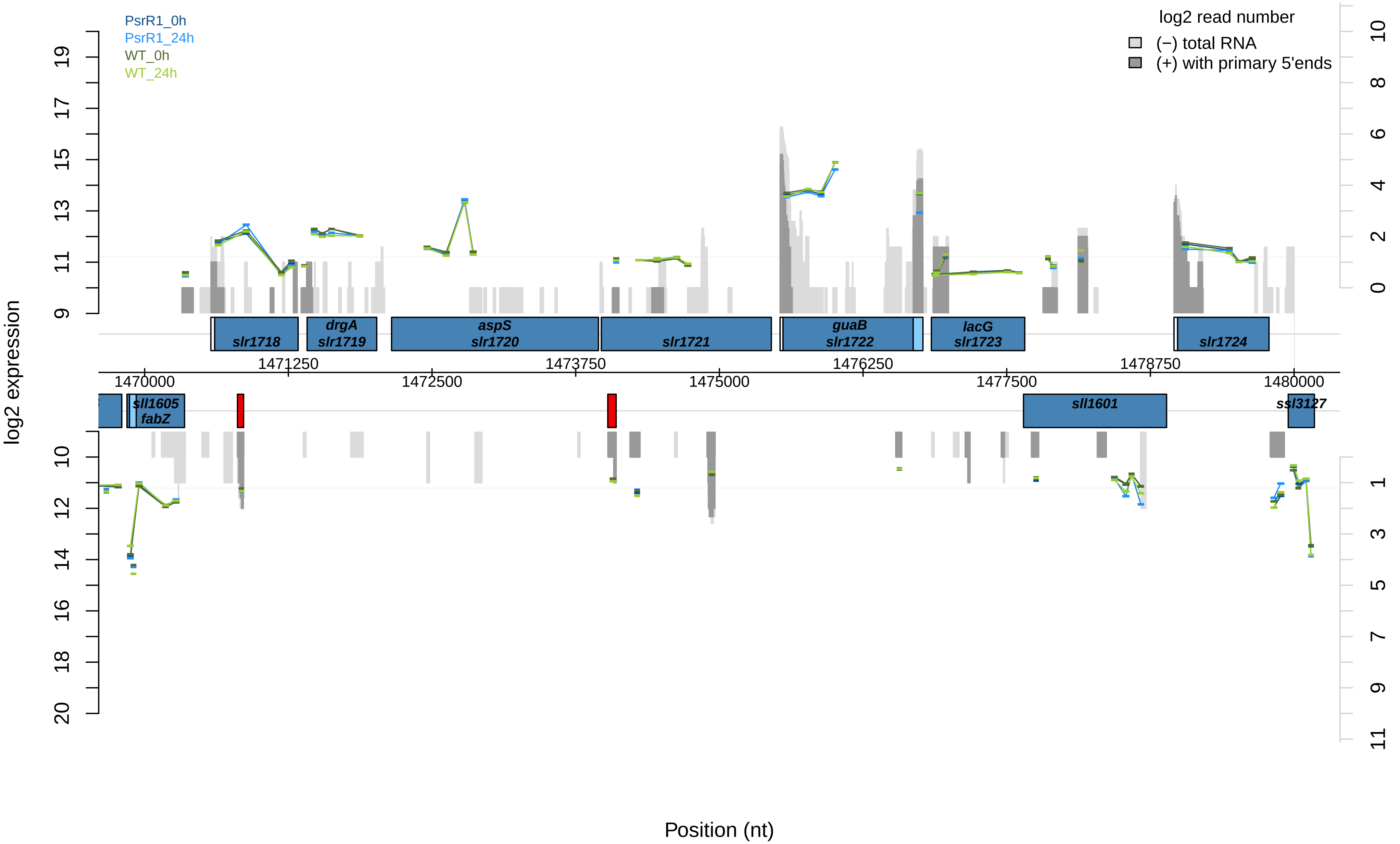
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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drgA
slr1719
aspS
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slr1721
guaB
slr1722
lacG
slr1723
slr1724
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1480000
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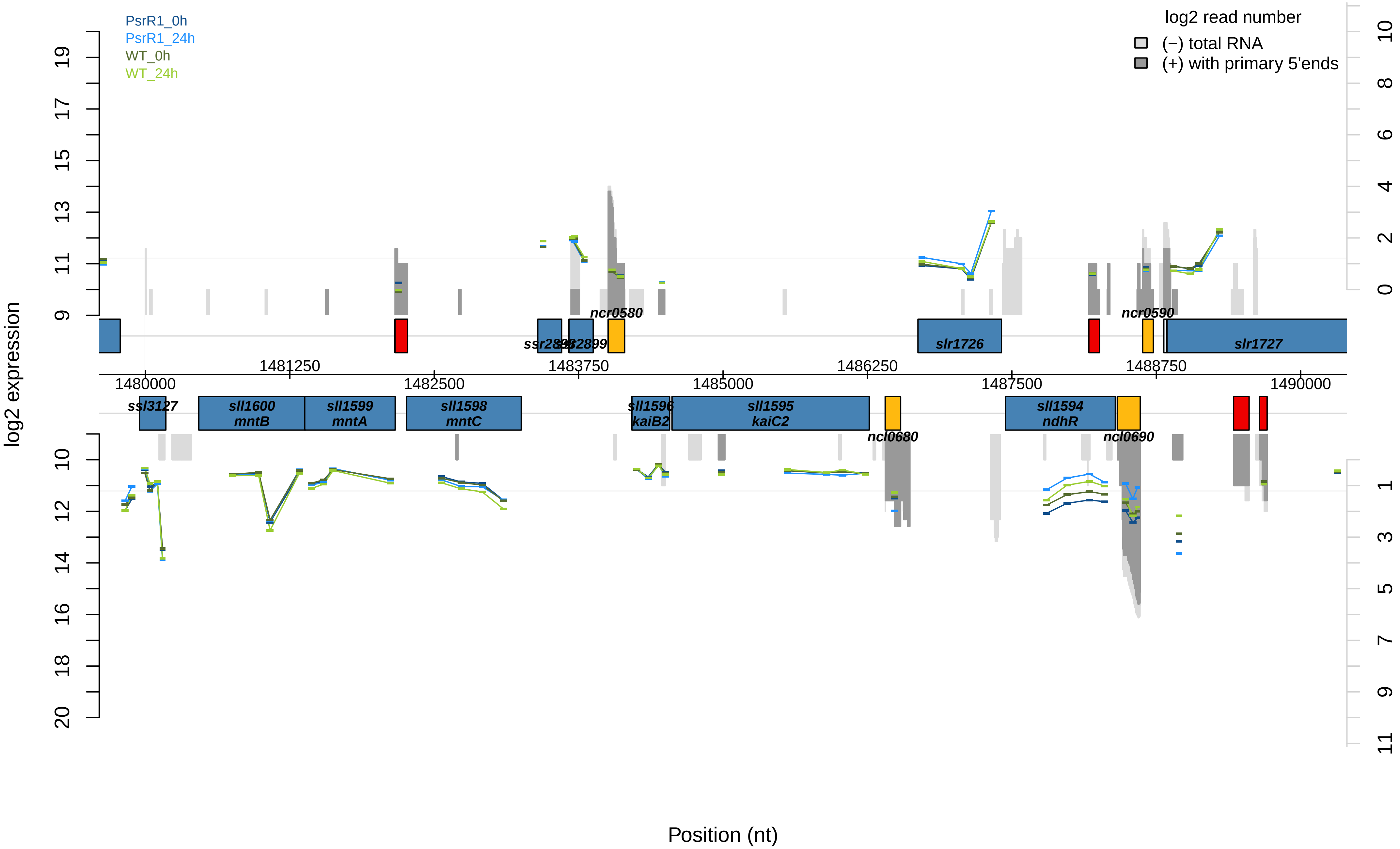
Position (nt)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WT_0h
WT_24h
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(+) with primary 5'ends
log2 expression
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mntB
sll1599
mntA
sll1598
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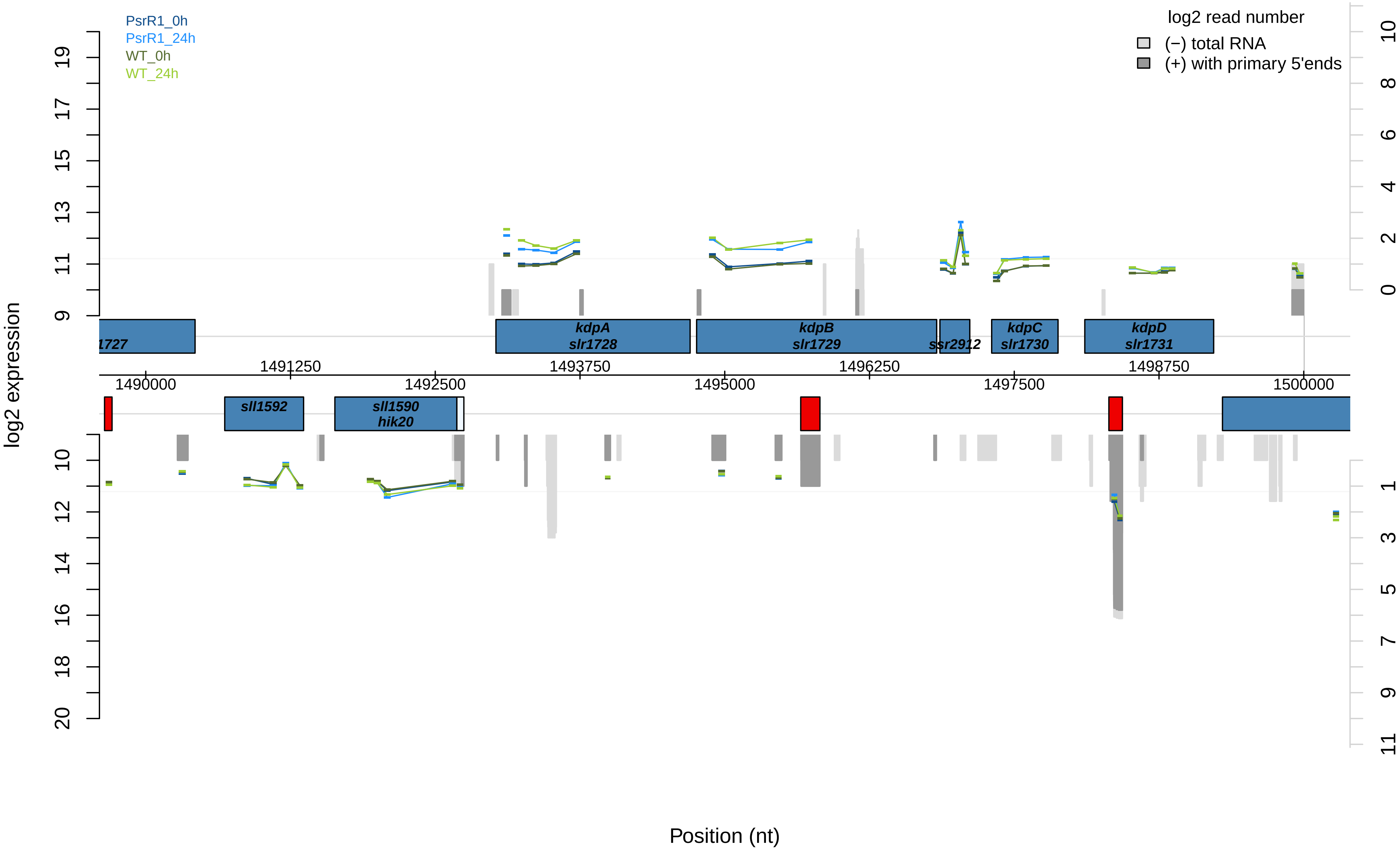
Position (nt)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(+) with primary 5'ends
log2 expression
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kdpB
slr1729
ssr2912
kdpC
slr1730
kdpD
slr1731
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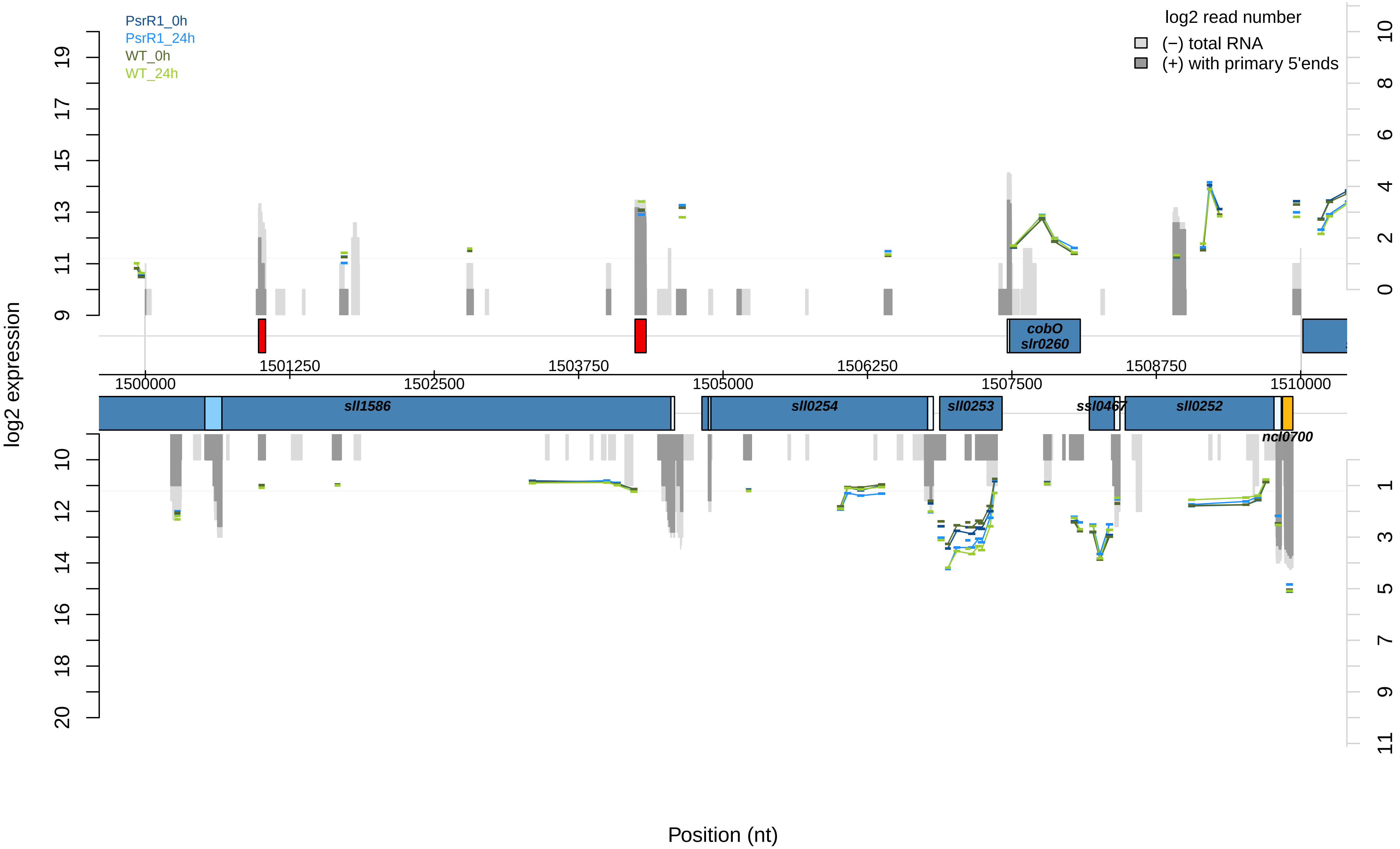
Position (nt)


PsrR1_0h
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WT_24h
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(+) with primary 5'ends
log2 expression
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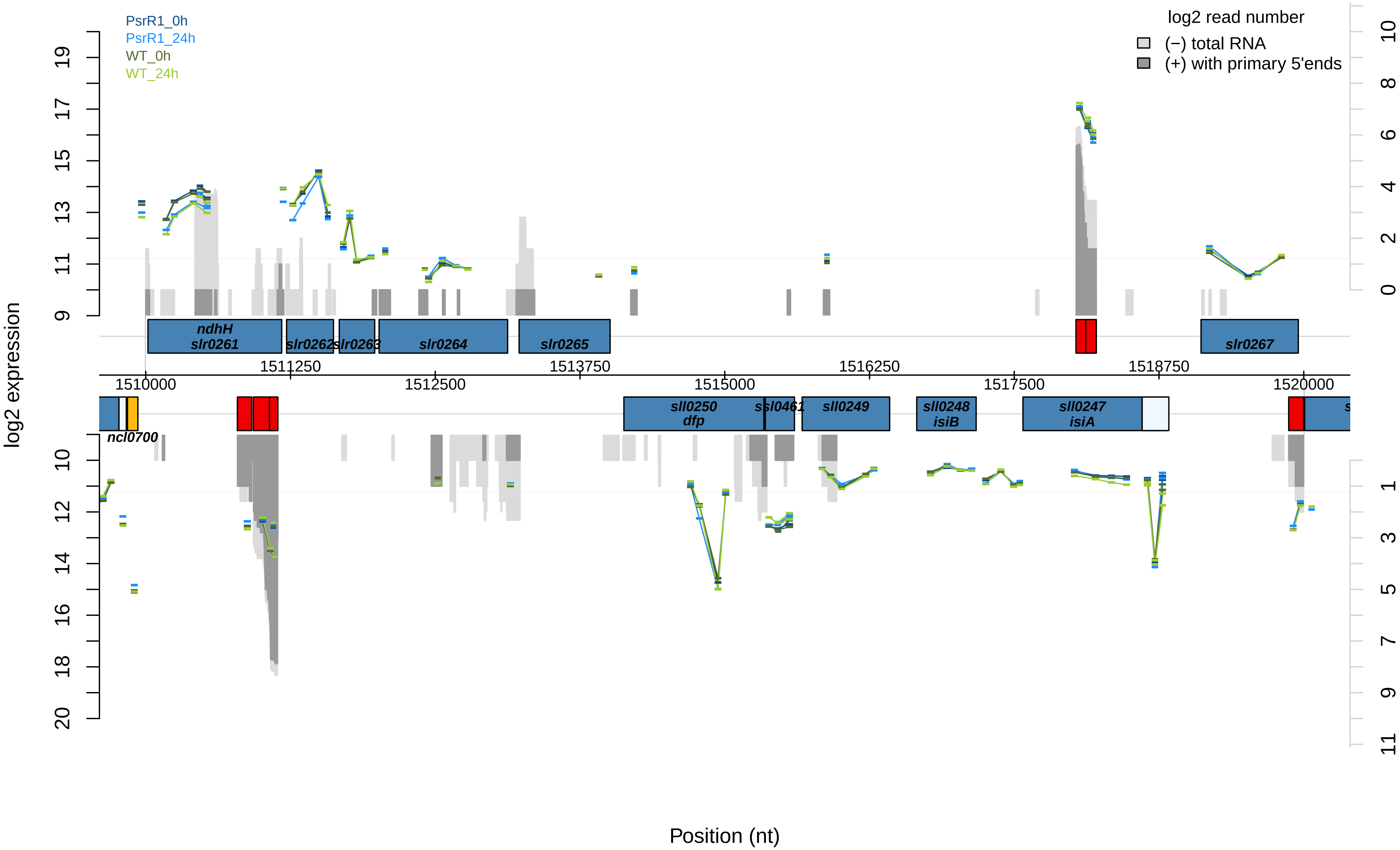
Position (nt)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WT_24h
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(+) with primary 5'ends
log2 expression
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8
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slr0262
slr0263
slr0264
slr0265
slr0267
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1520000
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sll0250
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sll0249
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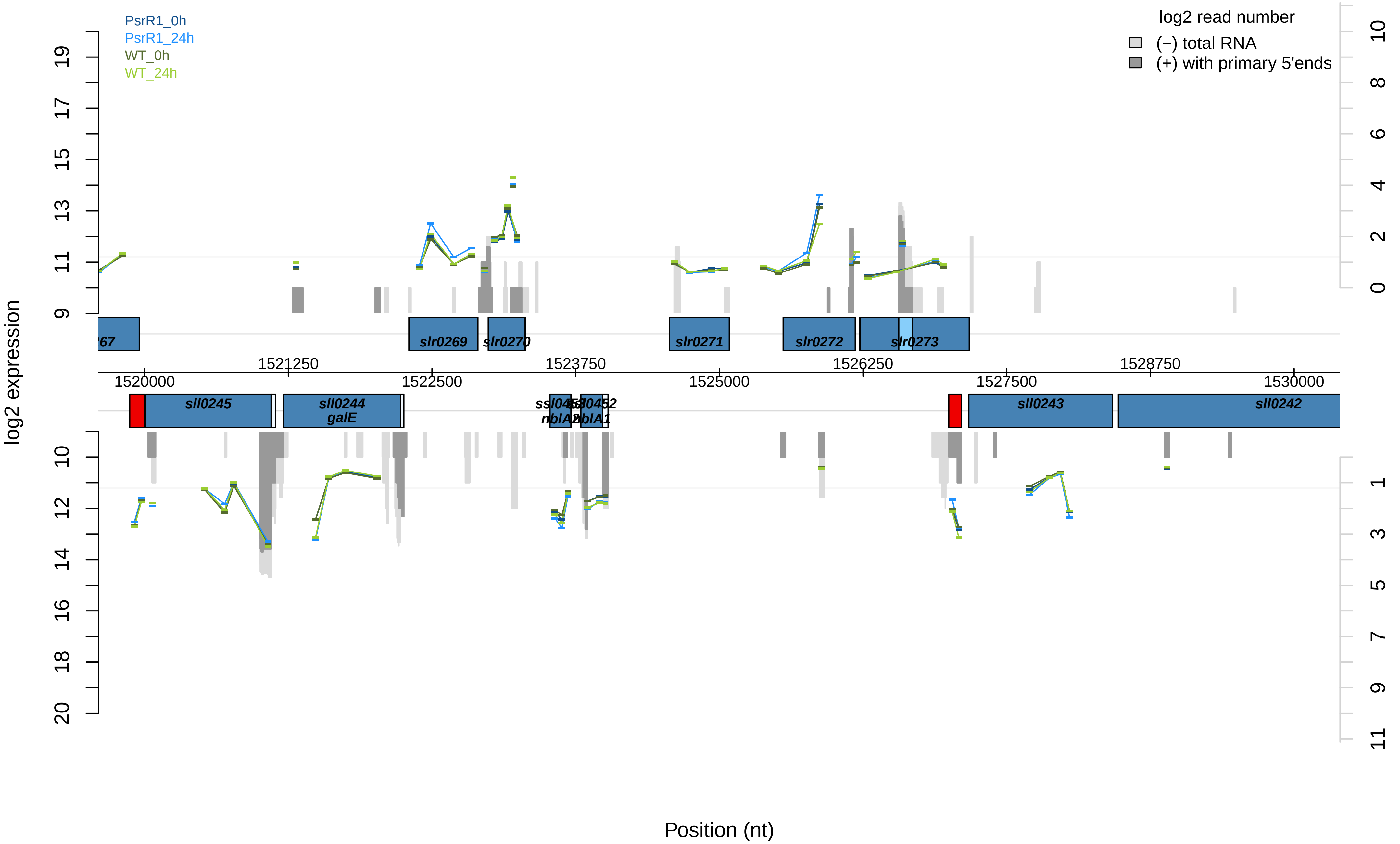
Position (nt)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(+) with primary 5'ends
log2 expression
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1530000
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sll0244
galE
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nblA2
ssl0452
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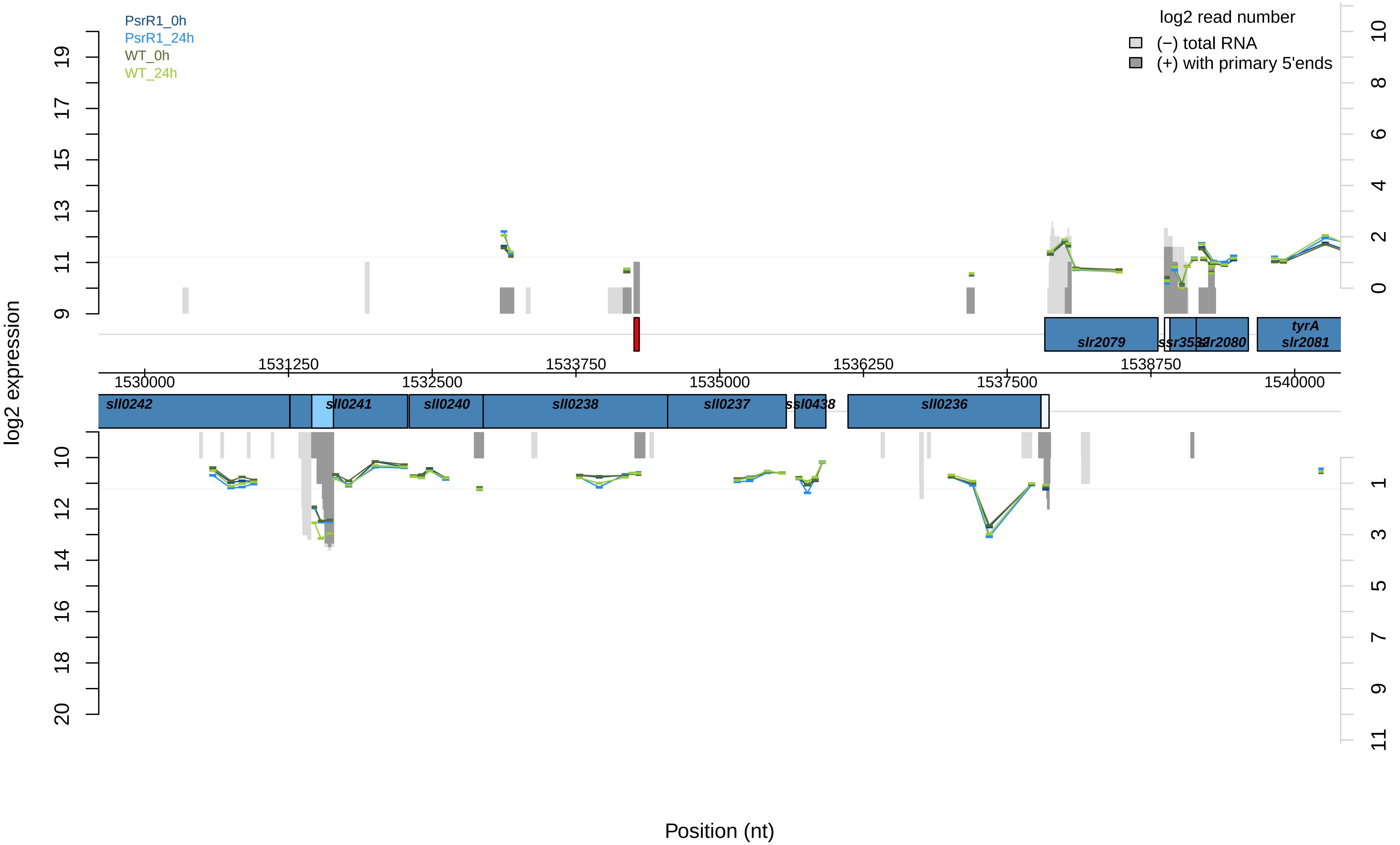
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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tyrA
slr2081
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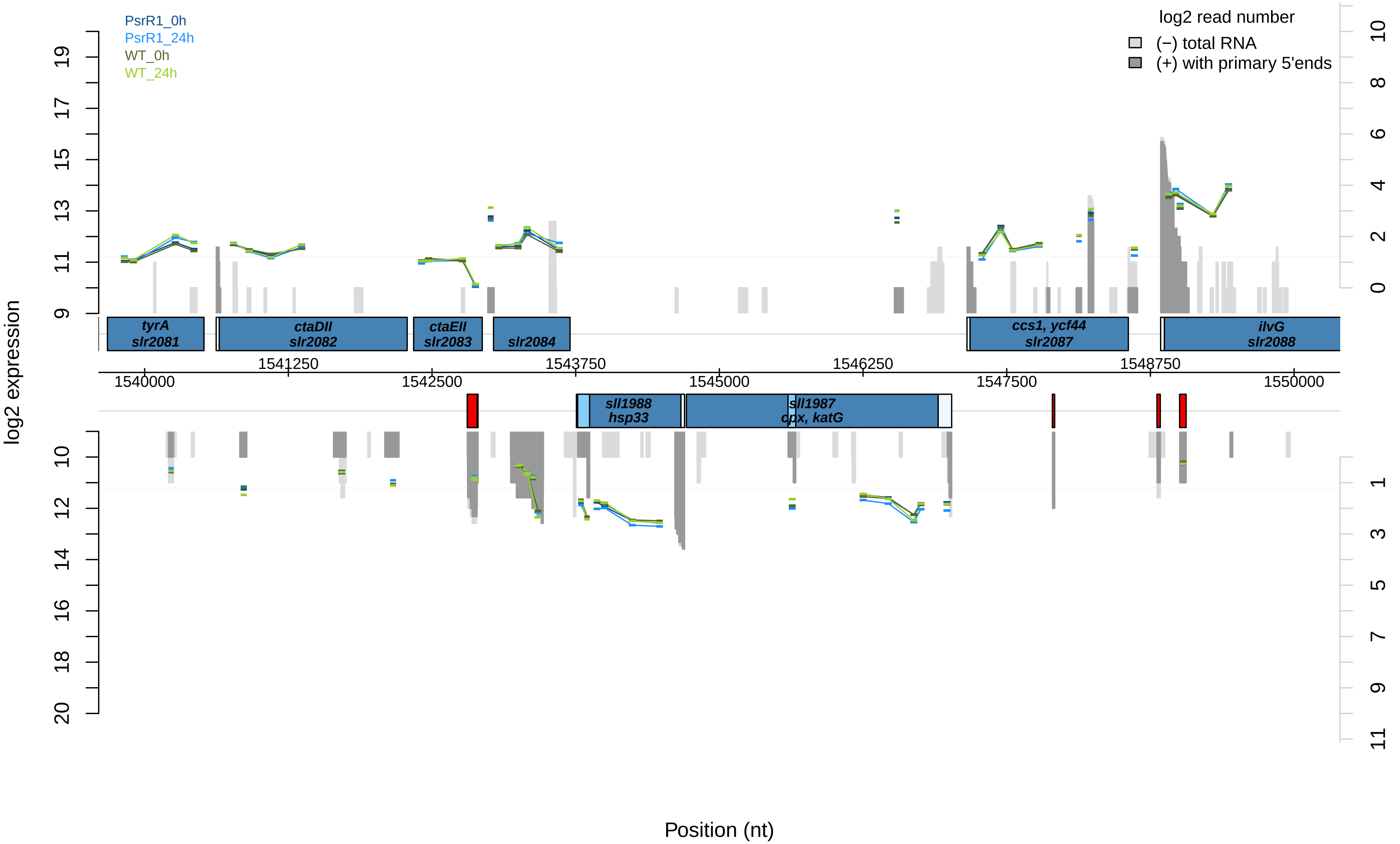
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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ctaDII
slr2082
ctaEII
slr2083
slr2084
ccs1, ycf44
slr2087
ilvG
slr2088
sll1988
hsp33
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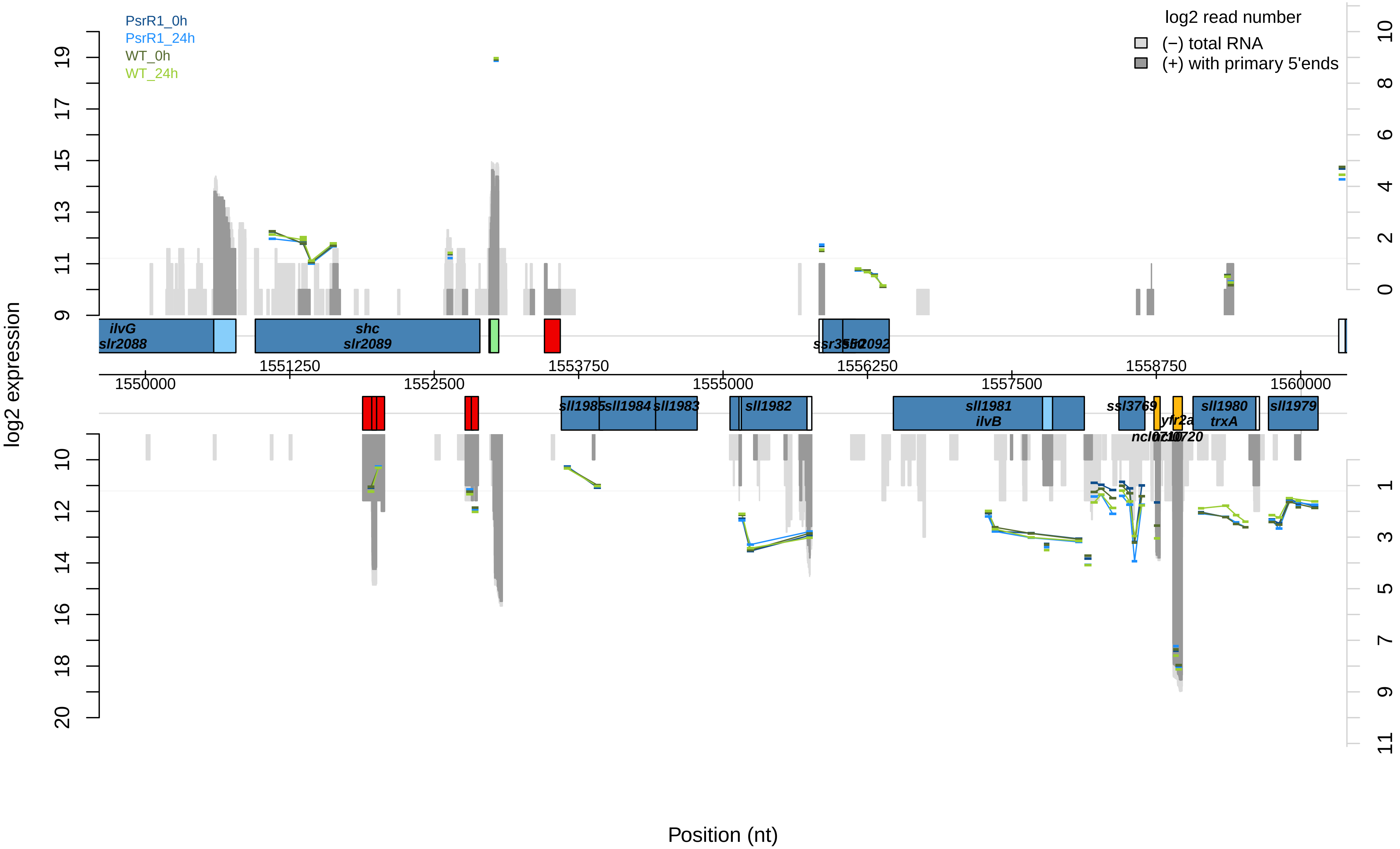
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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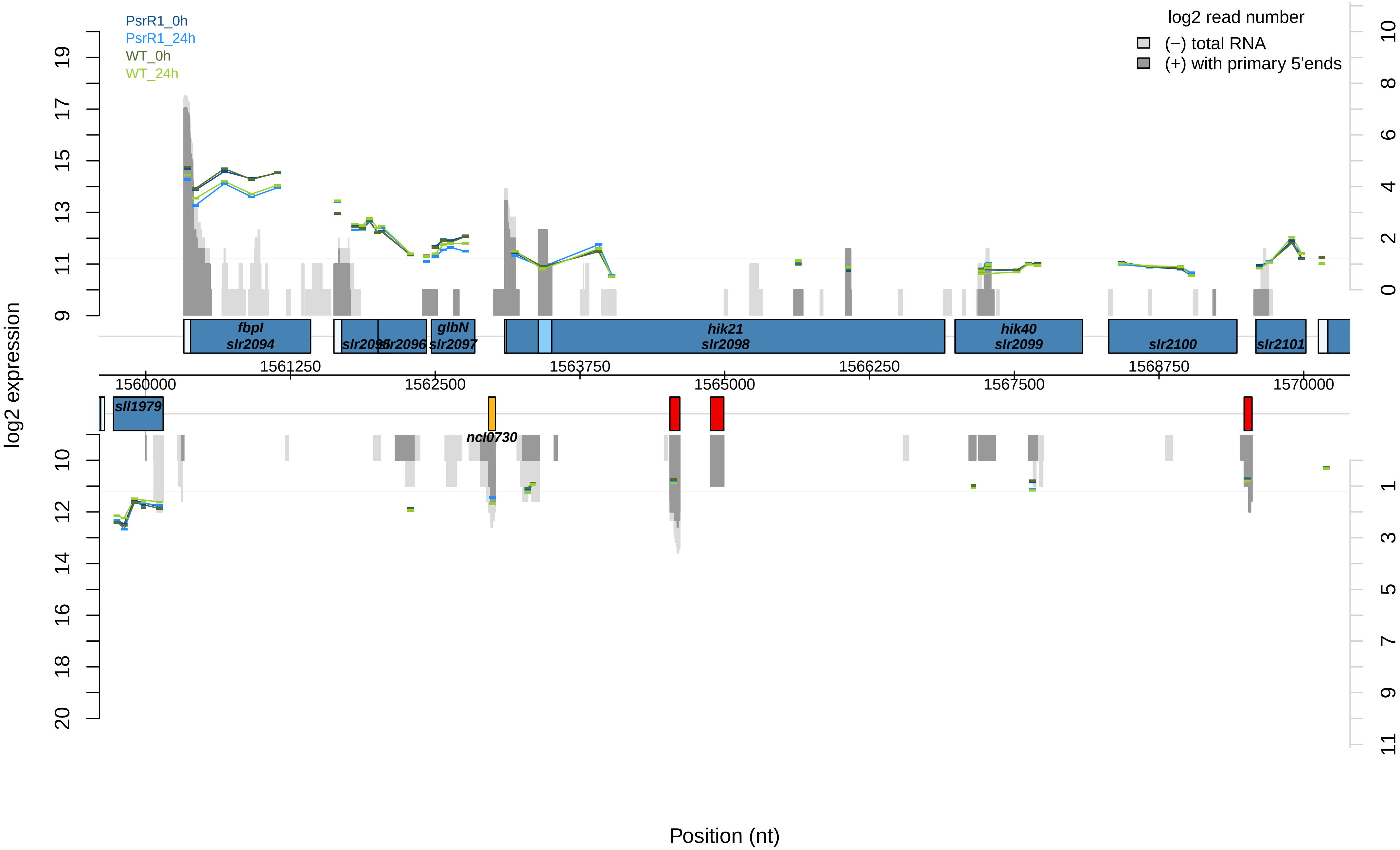
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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hik40
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slr2101
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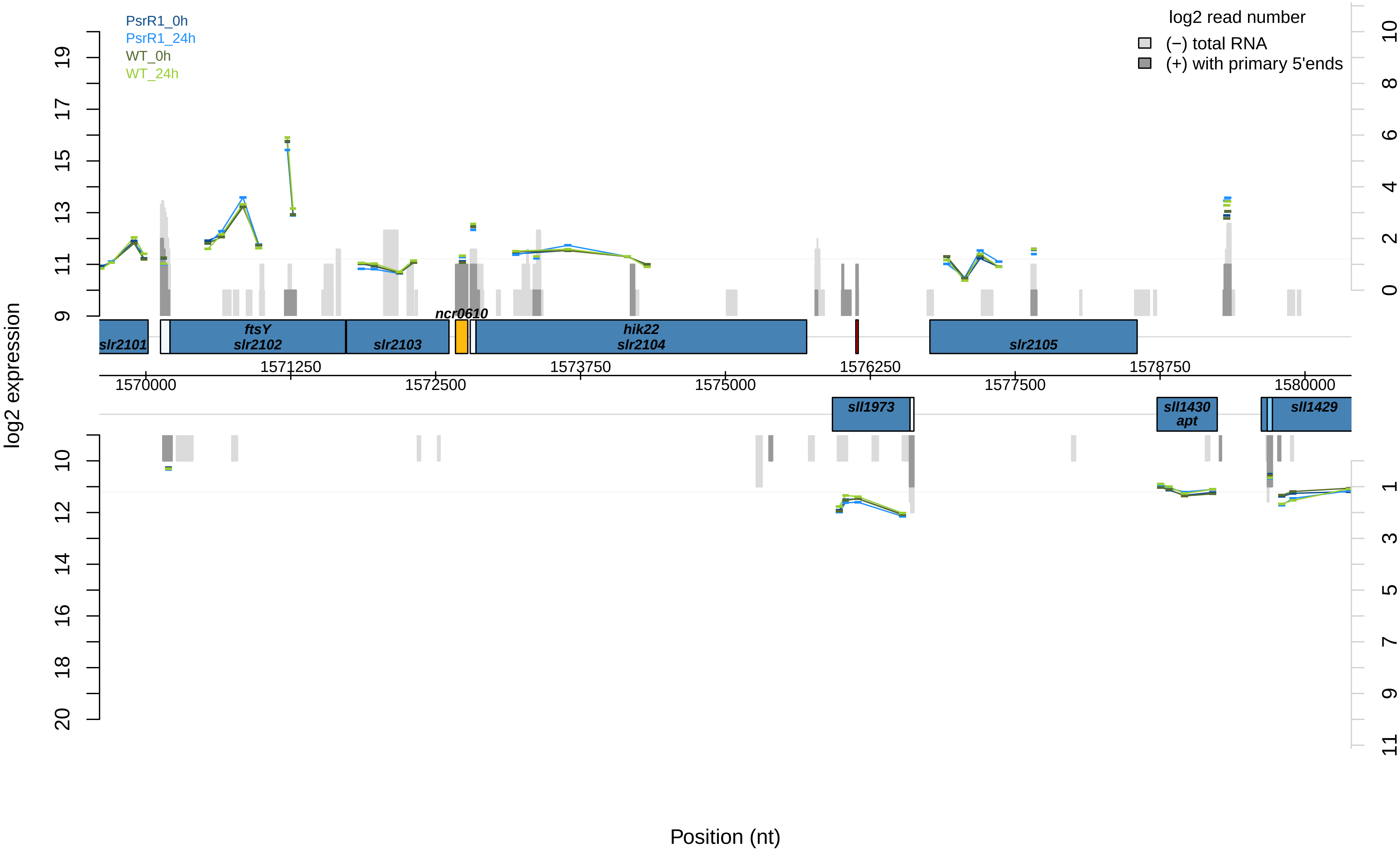
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
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16
18
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4
6
8
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1
3
5
7
9
11
slr2101
ftsY
slr2102
slr2103
ncr0610
hik22
slr2104
slr2105
sll1973
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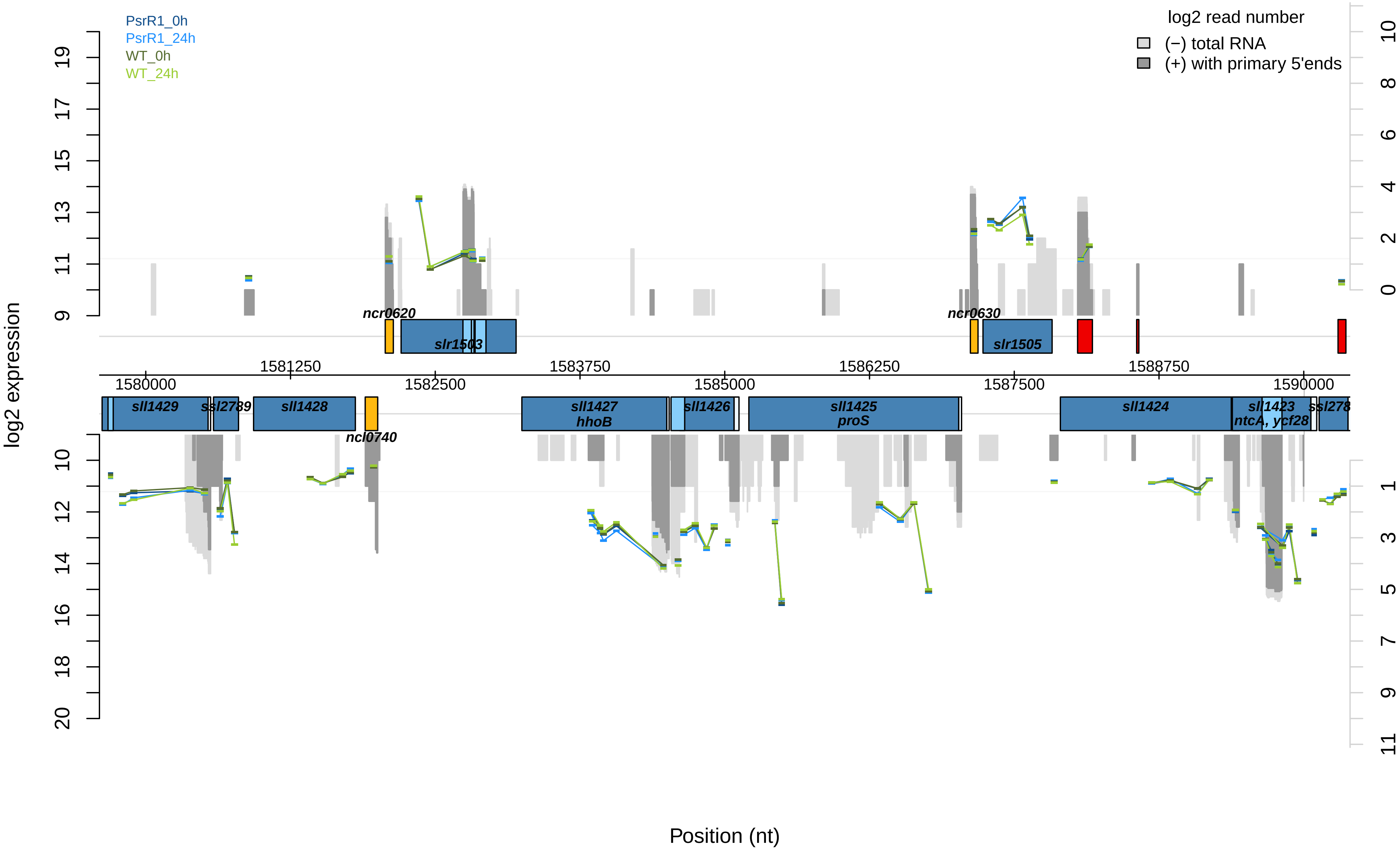
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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17
15
13
11
9
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12
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16
18
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10
8
6
4
2
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1
3
5
7
9
11
ncr0620
slr1503
ncr0630
slr1505
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1581250
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1586250
1587500
1588750
1590000
sll1429
ssl2789
sll1428
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sll1425
proS
sll1424
sll1423
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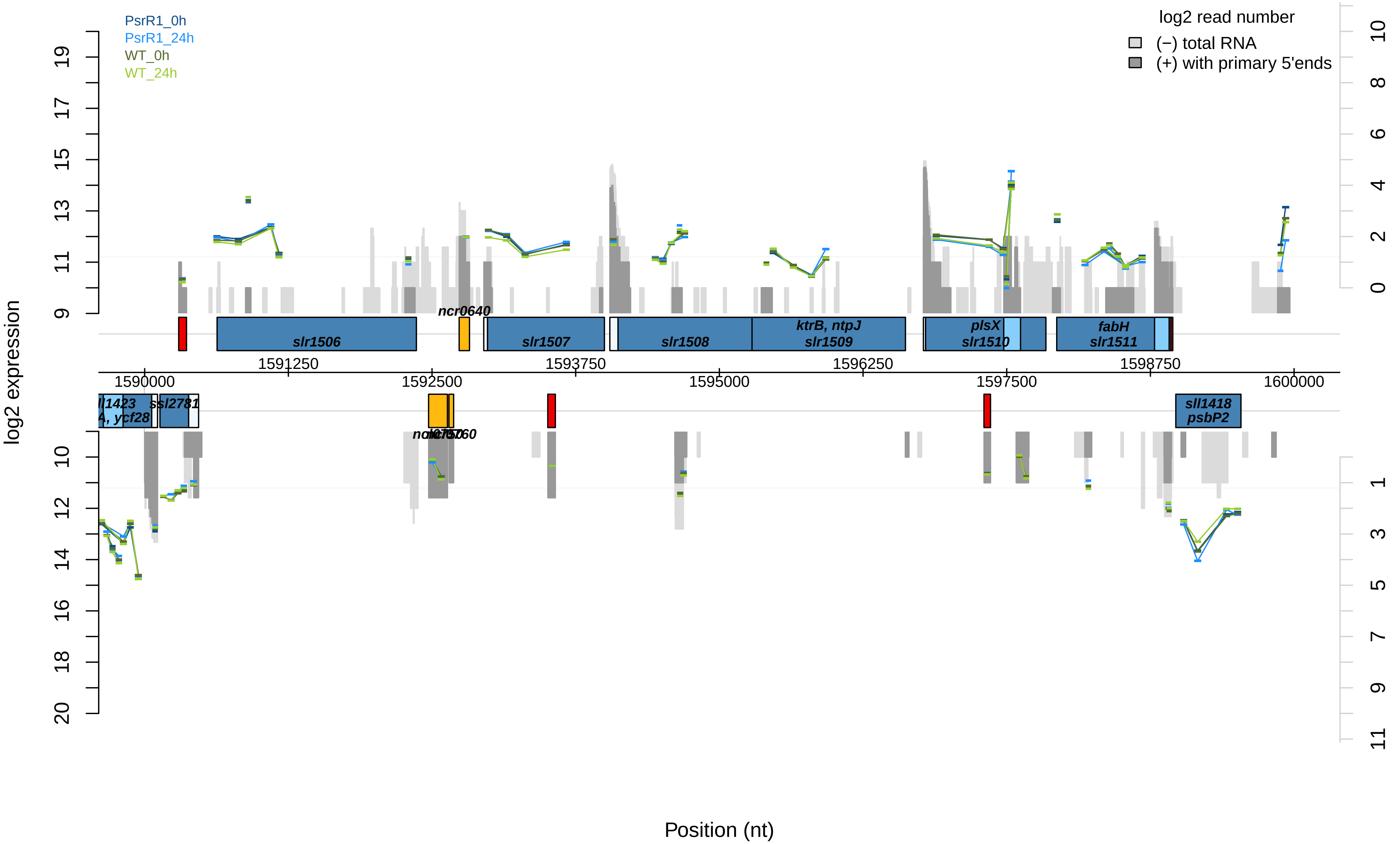
ssl278
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0640
slr1506
slr1507
slr1508
ktrB, ntpJ
slr1509
plsX
slr1510
fabH
slr1511
1591250
1593750
1596250
1598750
1590000
1592500
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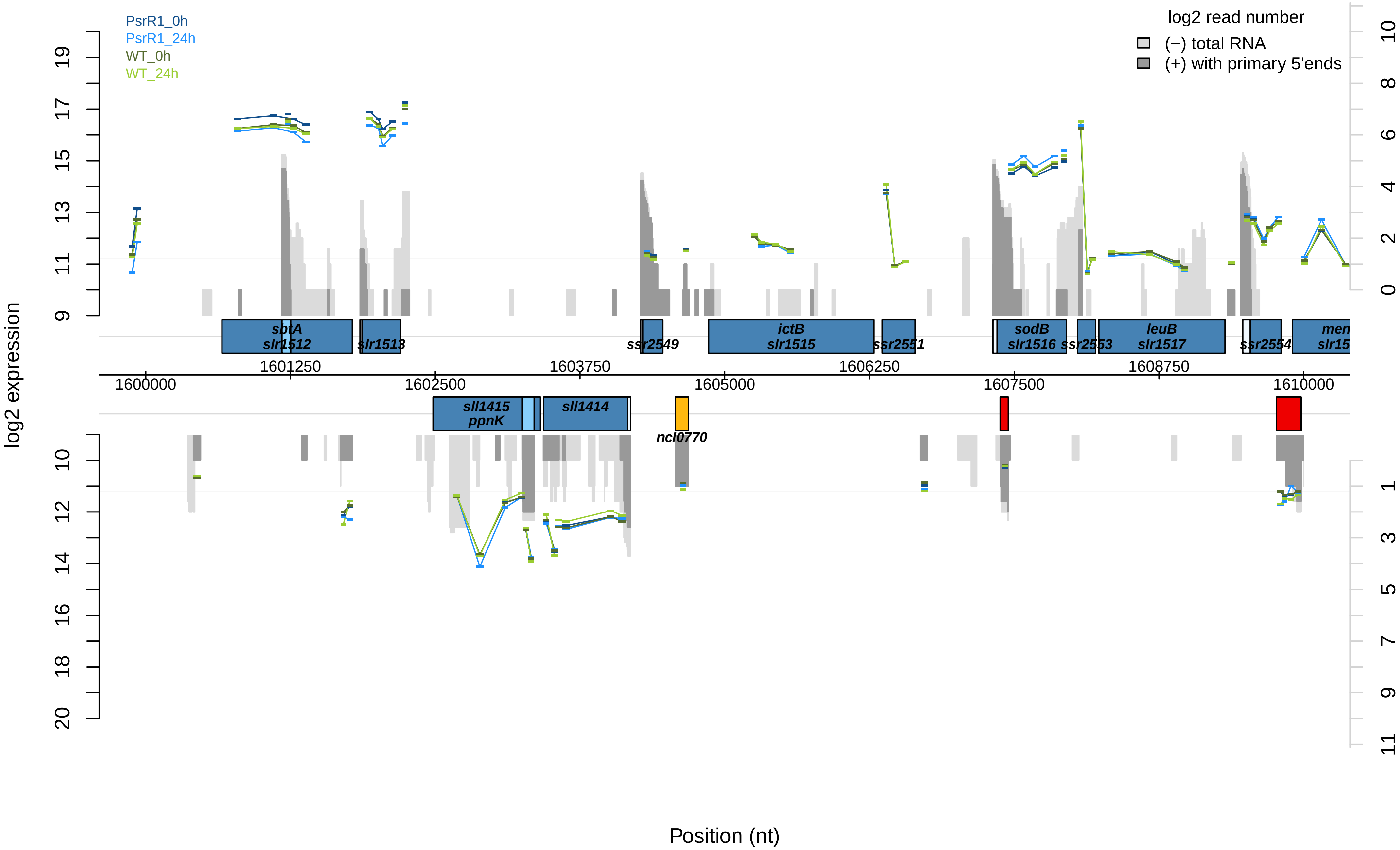
l0757
060
sll1418
psbP2
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(−) total RNA
(+) with primary 5'ends
log2 expression
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19
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8
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1
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9
11
sbtA
slr1512
slr1513
ssr2549
ictB
slr1515
ssr2551
sodB
slr1516
ssr2553
leuB
slr1517
ssr2554
men
slr15
1601250
1603750
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1610000
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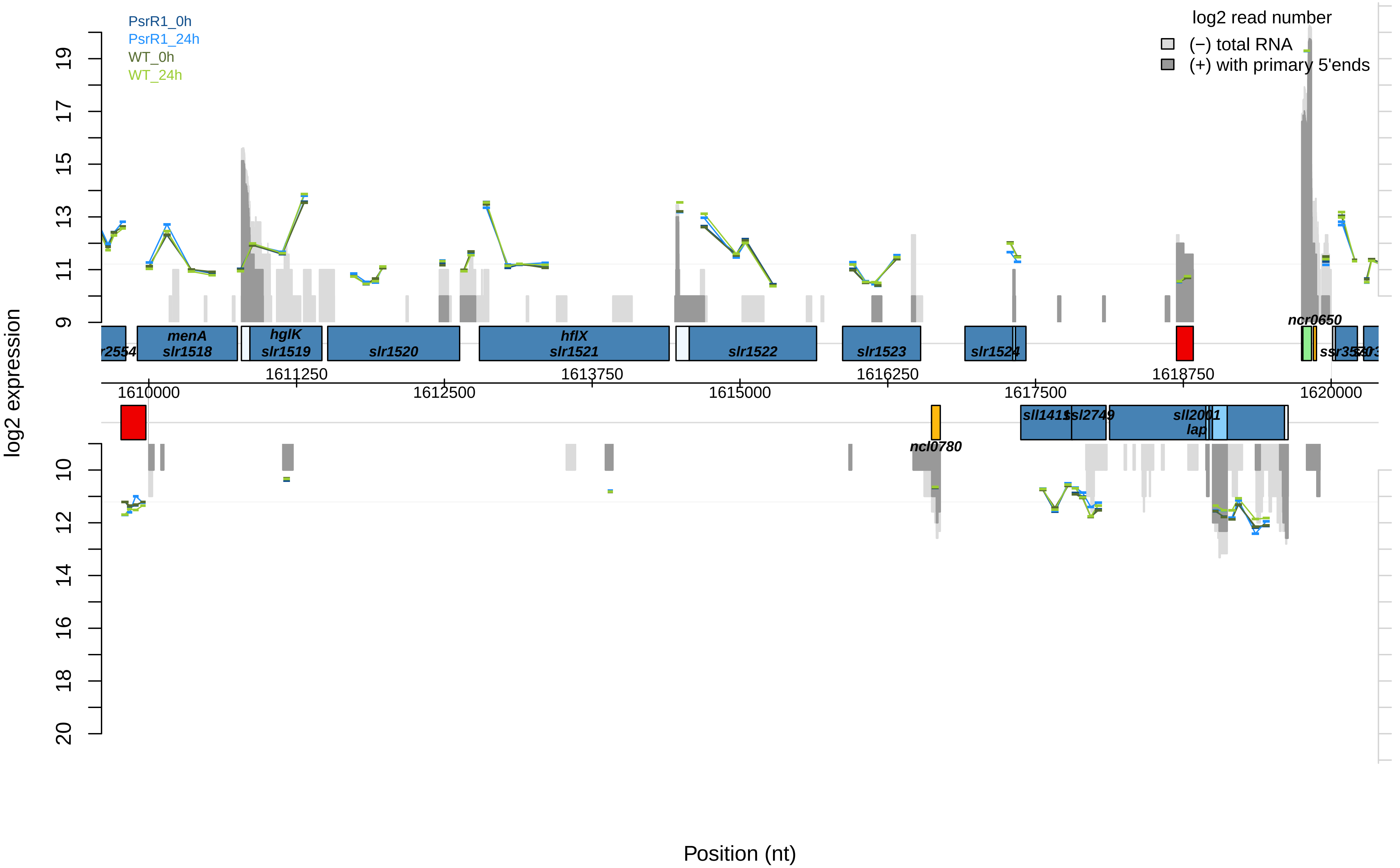
ppnK
sll1414
ncl0770
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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4
2
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1
3
5
7
9
11
r2554
menA
slr1518
hglK
slr1519
slr1520
hflX
slr1521
slr1522
slr1523
slr1524
ncr0650
ssr3570
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1613750
1616250
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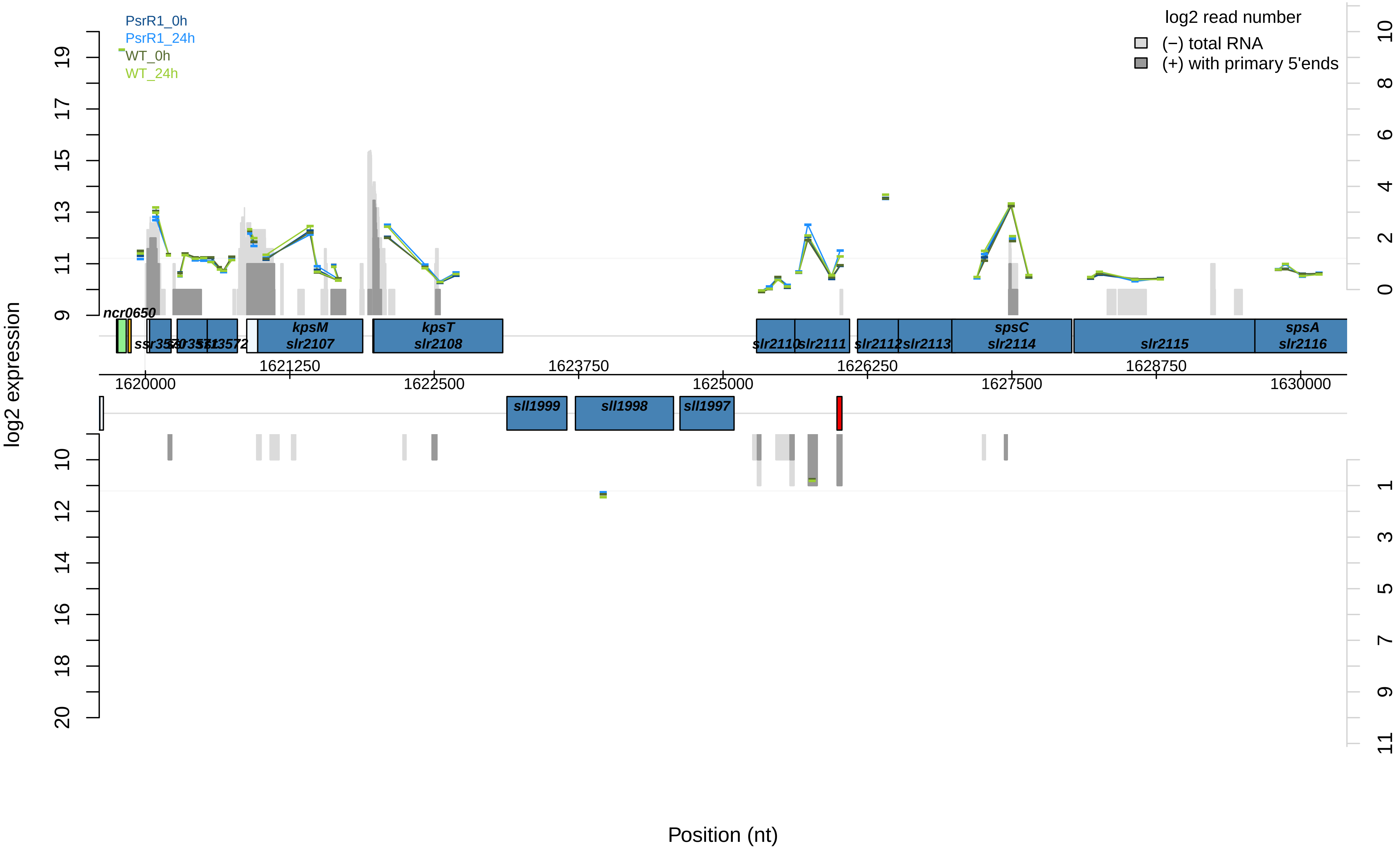
sll2001
lap
ncl0780
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
0
2
4
6
8
10
ncr0650
ssr3570
ssr3571
ssl3572
kpsM
slr2107
kpsT
slr2108
slr2110
slr2111
slr2112
slr2113
spsC
slr2114
slr2115
spsA
slr2116
1621250
1623750
1626250
1628750
1620000
1622500
1625000
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sll1998
sll1997
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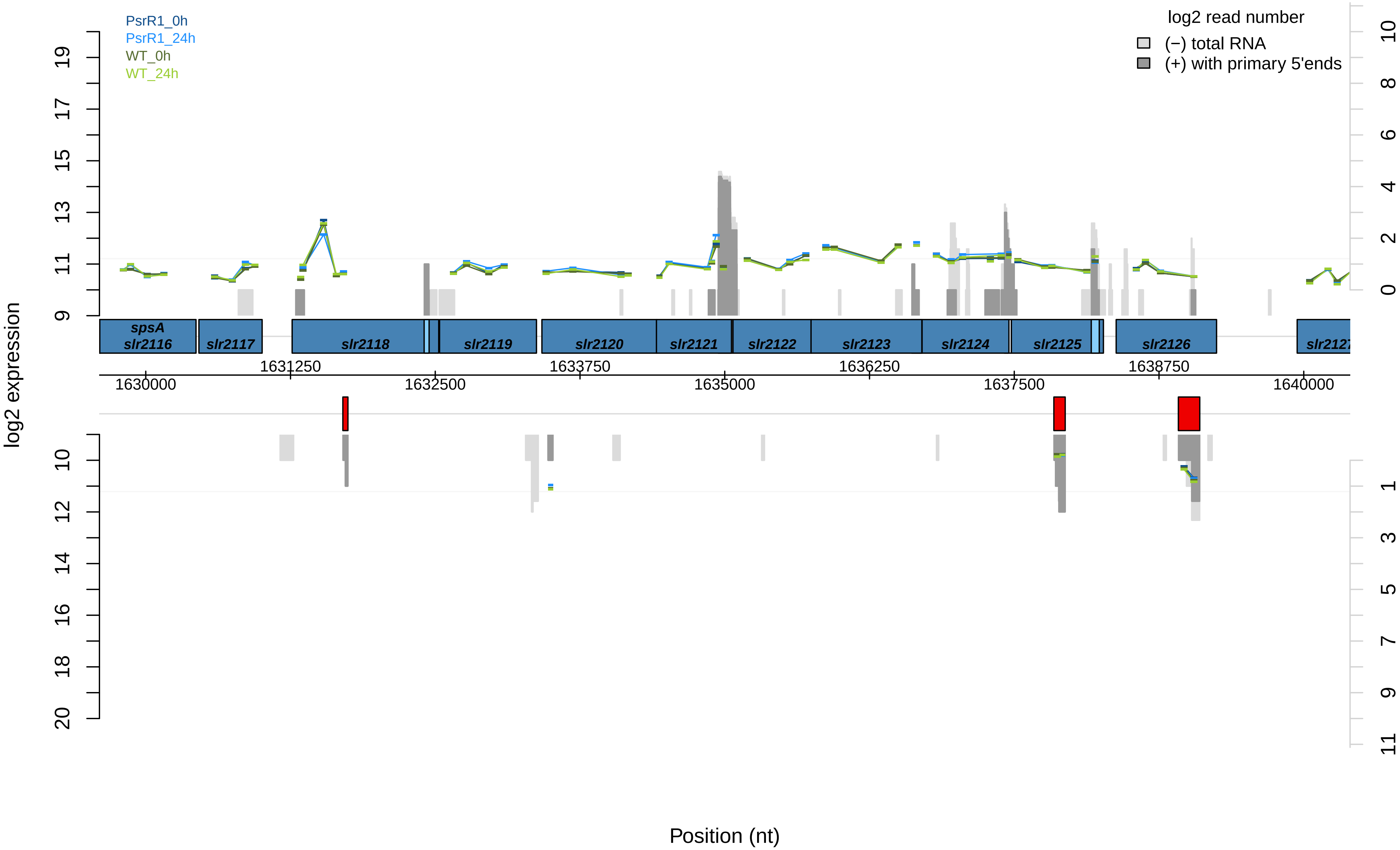
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
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17
19
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12
14
16
18
20
0
2
4
6
8
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1
3
5
7
9
11
spsA
slr2116
slr2117
slr2118
slr2119
slr2120
slr2121
slr2122
slr2123
slr2124
slr2125
slr2126
slr2127
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1632500
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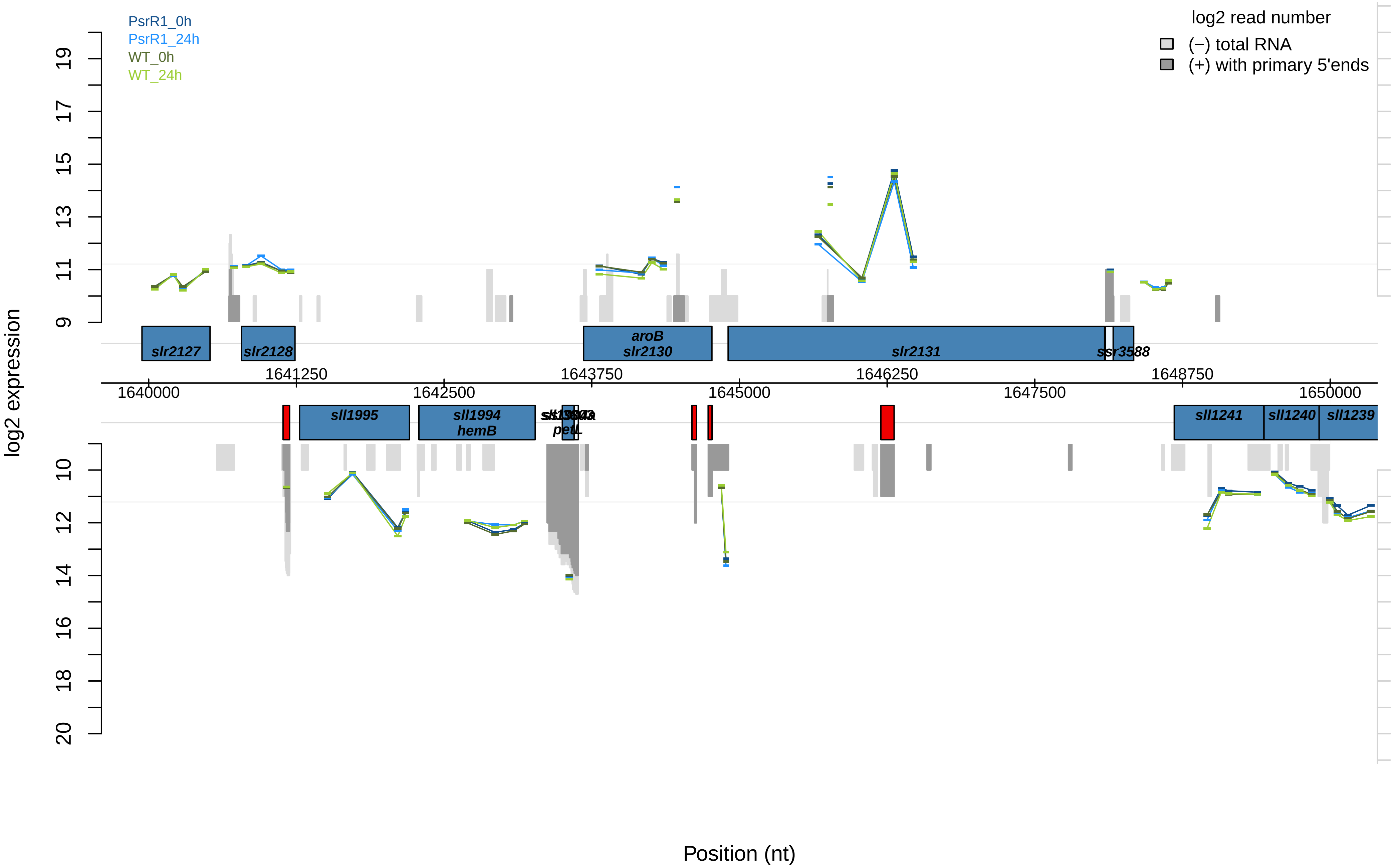
1637500
1640000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
19
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12
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18
20
0
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4
6
8
10
1
3
5
7
9
11
slr2127
slr2128
aroB
slr2130
slr2131
ssr3588
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1642500
1643750
1645000
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1650000
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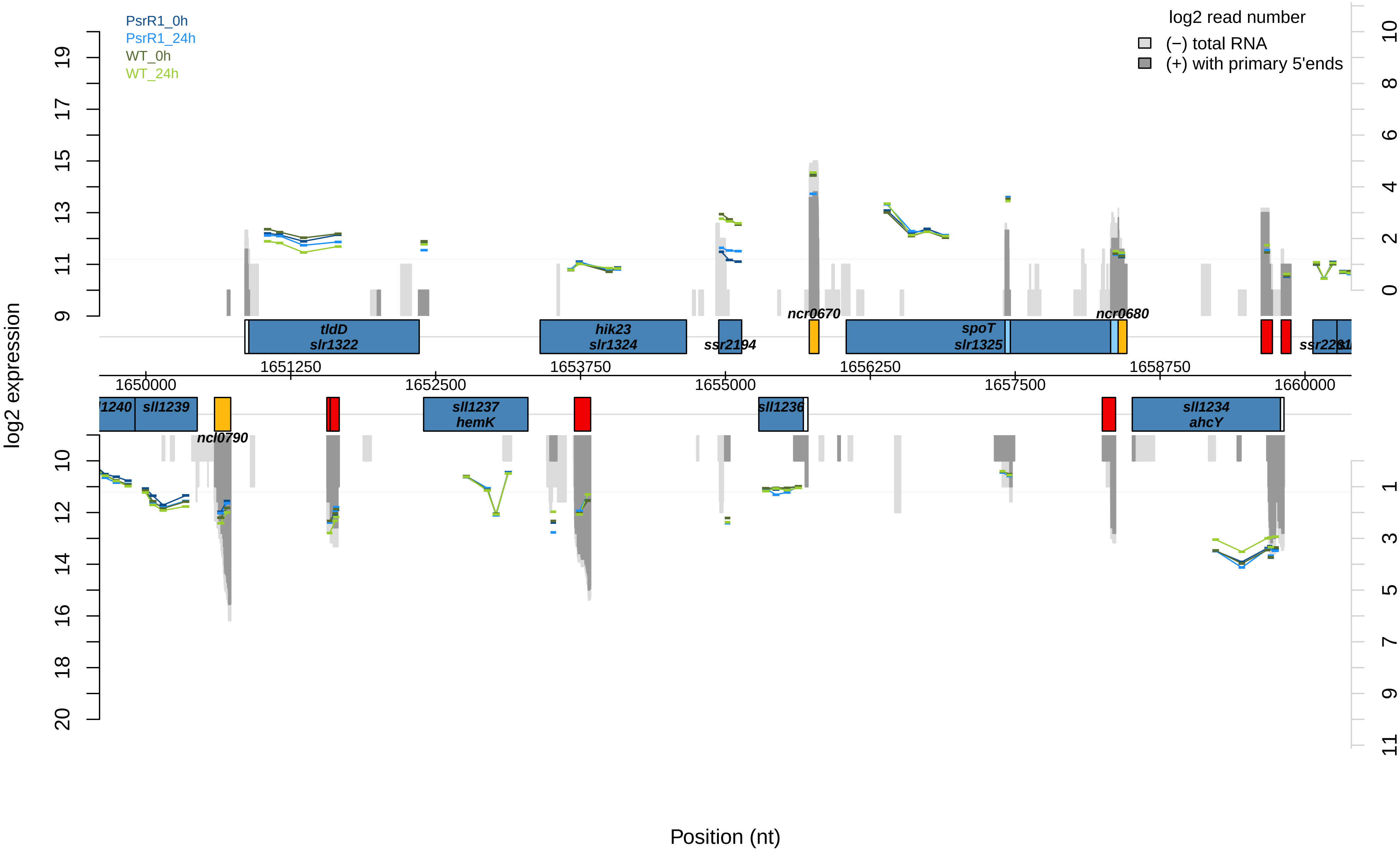
sll1994
hemB
petL
sll1241
sll1240
sll1239
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
0
2
4
6
8
10
tldD
slr1322
hik23
slr1324
ssr2194
ncr0670
spoT
slr1325
ncr0680
1651250
1653750
1656250
1658750
1650000
1652500
1655000
1657500
1660000
sll1239
ncl0790
sll1237
hemK
sll1236
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ahcY
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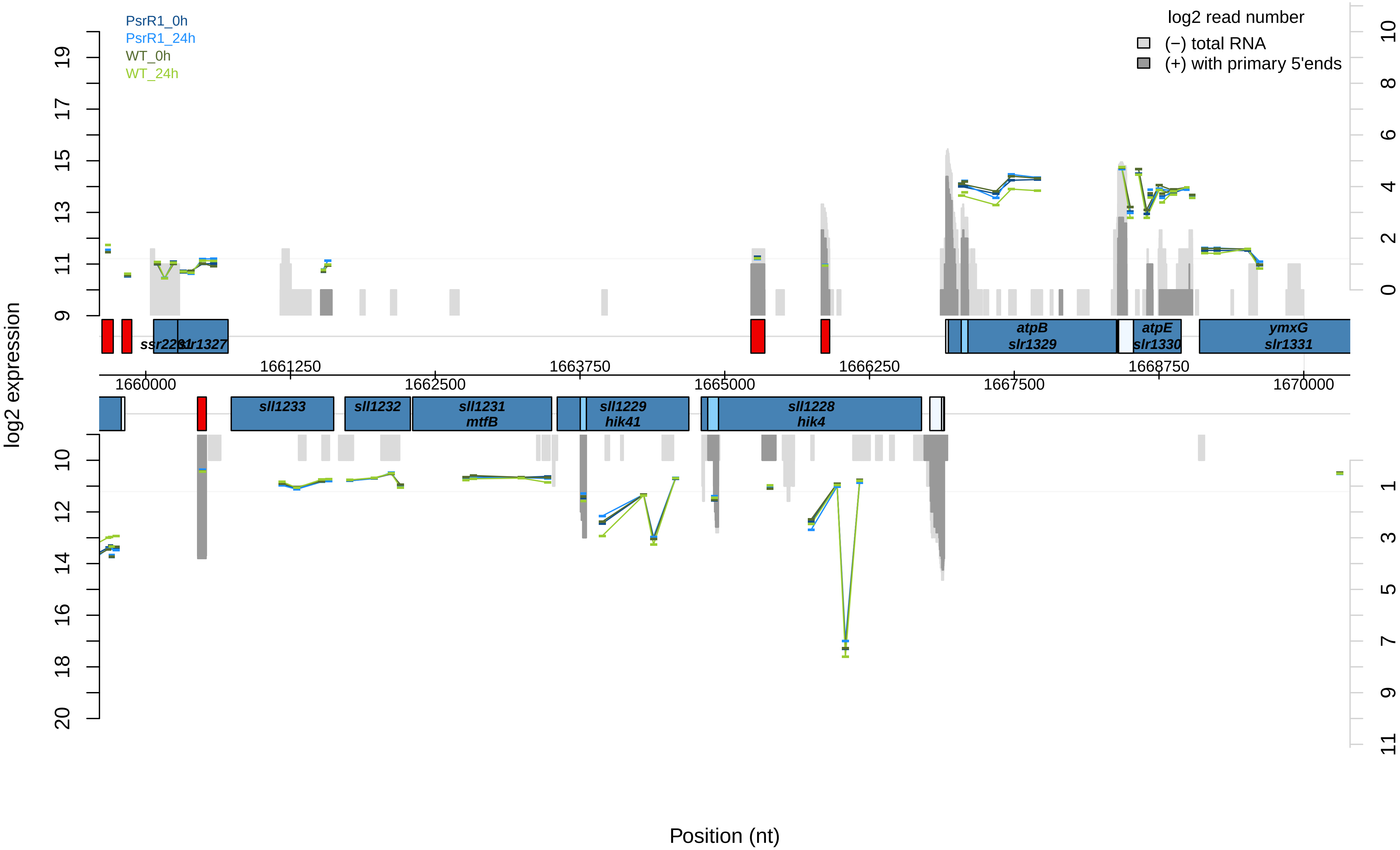
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
19
17
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13
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12
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4
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1
3
5
7
9
11
1661250
1663750
1666250
1668750
1660000
1662500
1665000
1667500
1670000
ssr2281
slr1327
atpB
slr1329
atpE
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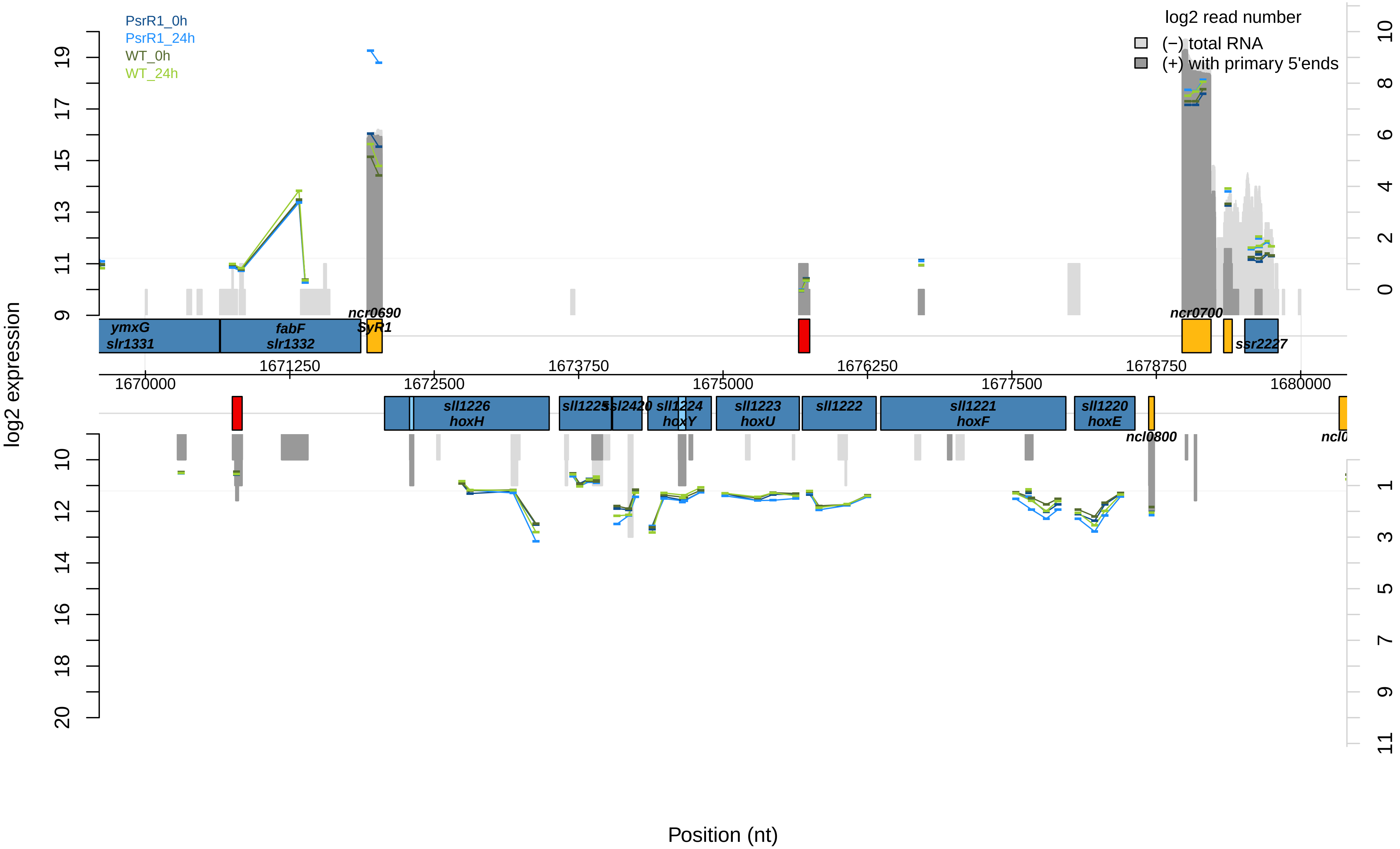
mtfB
sll1229
hik41
sll1228
hik4



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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17
19
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16
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6
8
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1
3
5
7
9
11
ymxG
slr1331
fabF
slr1332
ncr0690
SyR1
ncr0700
ssr2227
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1672500
1673750
1675000
1676250
1677500
1678750
1680000
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hoxH
sll1225
ssl2420
sll1224
hoxY
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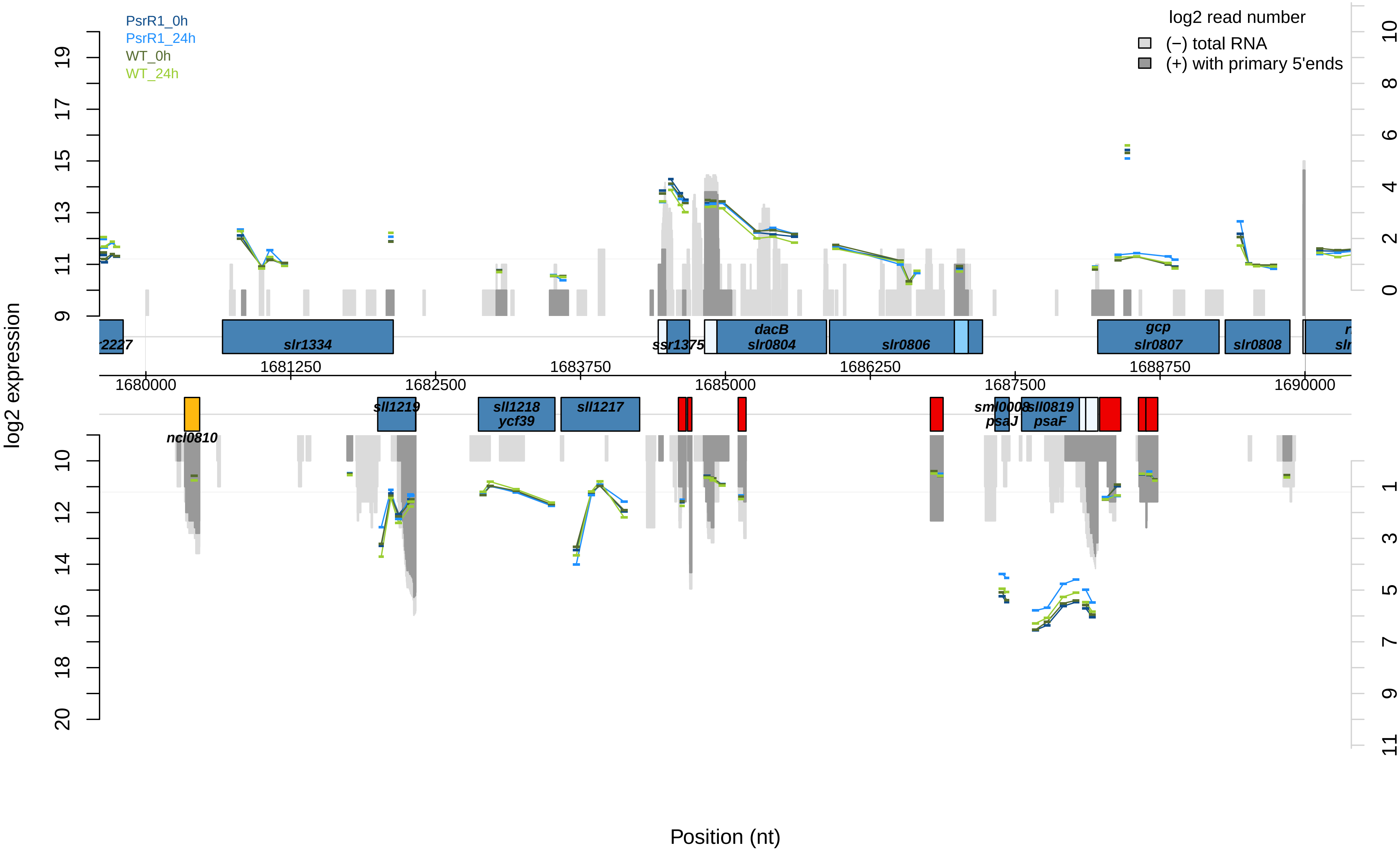
sll1221
hoxF
sll1220
hoxE
ncl0800
ncl0
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
19
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12
14
16
18
20
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6
8
10
1
3
5
7
9
11
r2227
slr1334
ssr1375
dacB
slr0804
slr0806
gcp
slr0807
slr0808
r
slr
1681250
1683750
1686250
1688750
1680000
1682500
1685000
1687500
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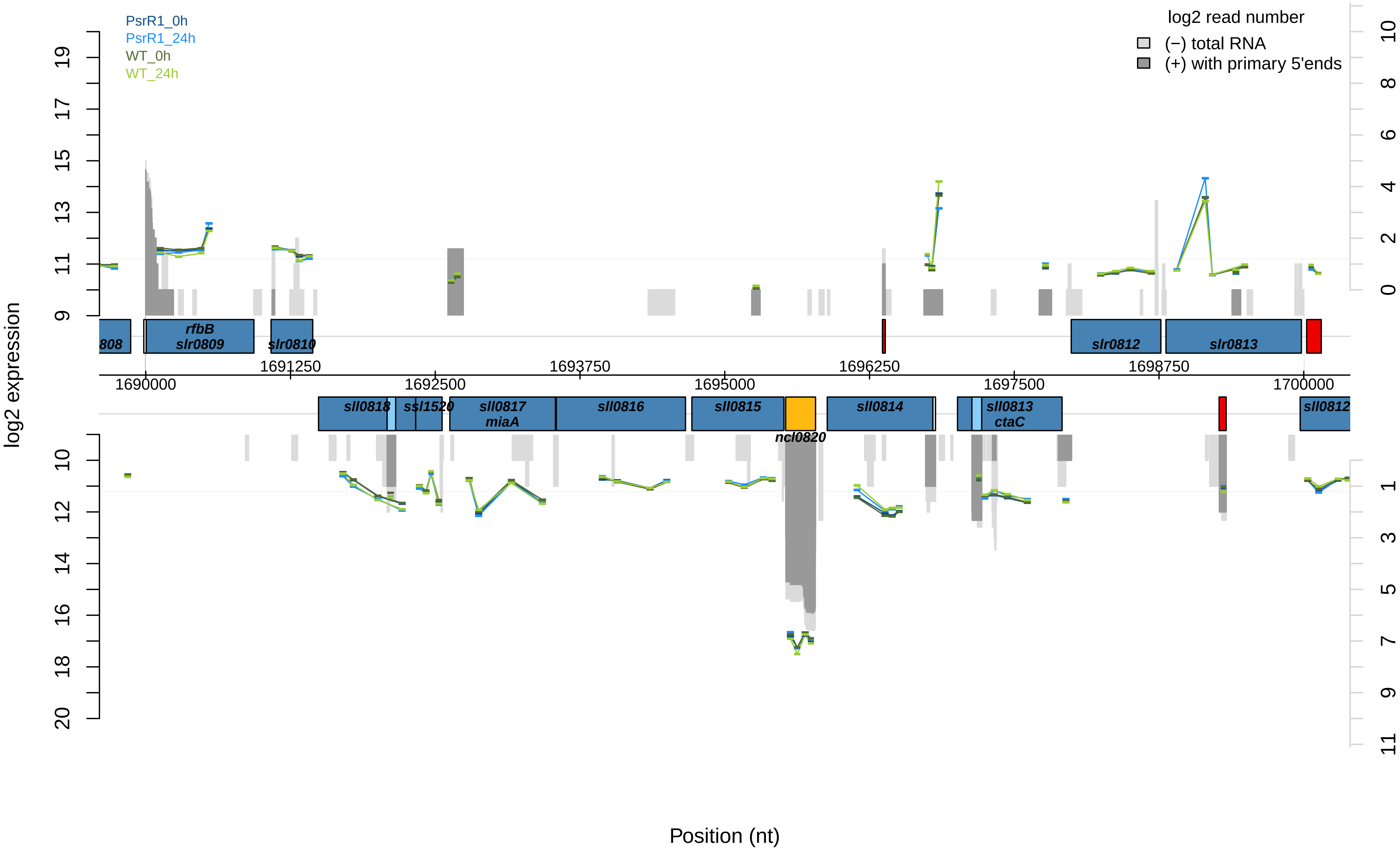
sll1218
ycf39
sll1217
sml0008
psaJ
sll0819
psaF
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
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17
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10
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14
16
18
20
0
2
4
6
8
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1
3
5
7
9
11
808
rfbB
slr0809
slr0810
slr0812
slr0813
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1695000
1697500
1700000
sll0818
ssl1520
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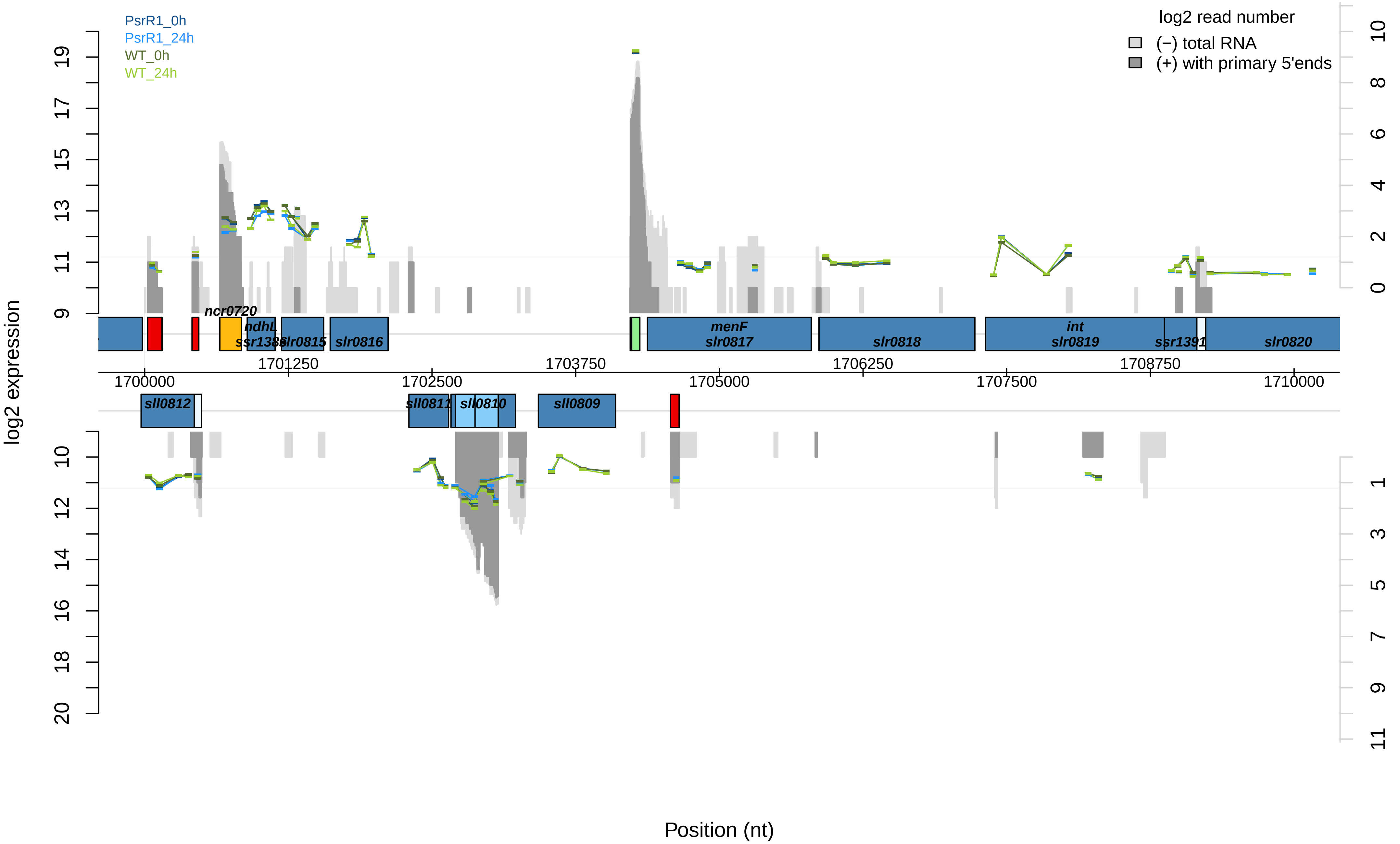
sll0813
ctaC
sll0812
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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13
11
9
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8
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ncr0720
ndhL
ssr1386
slr0815
slr0816
menF
slr0817
slr0818
int
slr0819
ssr1391
slr0820
1701250
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1708750
1700000
1702500
1705000
1707500
1710000
sll0812
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18
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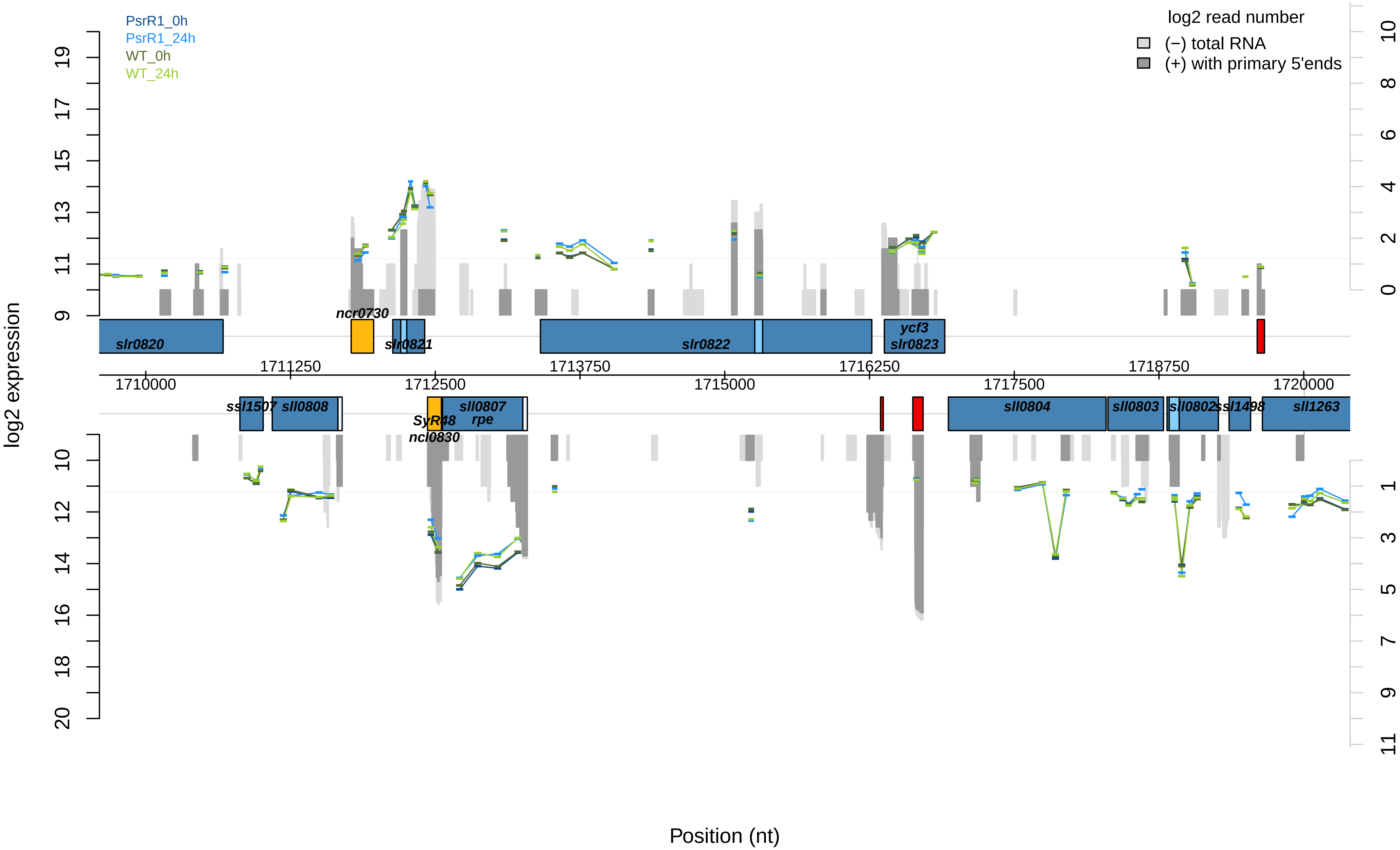
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
ncr0730
slr0820
slr0821
slr0822
ycf3
slr0823
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1715000
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1717500
1718750
1720000
1710000
ssl1507
sll0808
SyR48
ncl0830
sll0807
rpe
sll0804
sll0803
sll0802
ssl1498
sll1263
9
11
13
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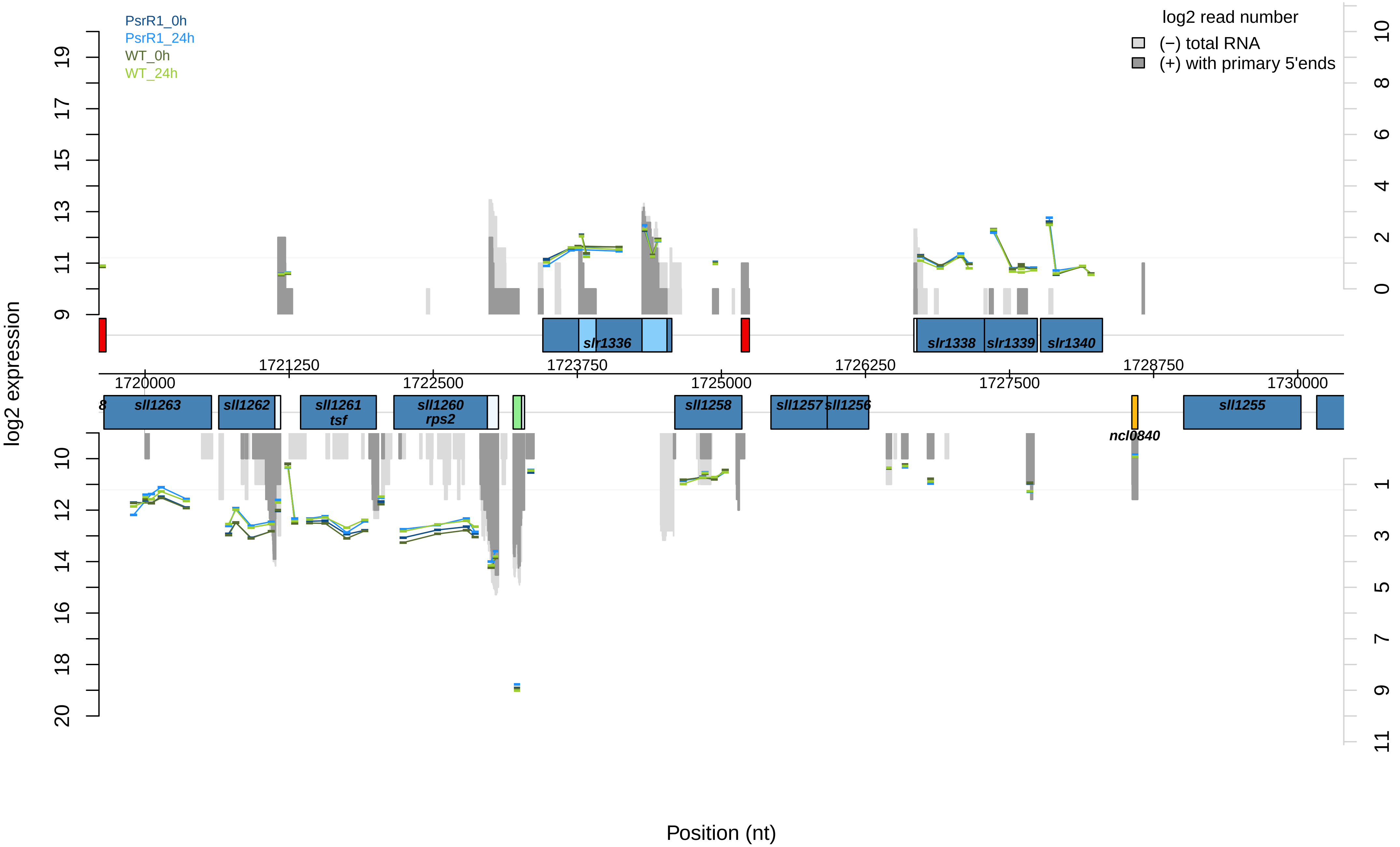
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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1730000
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tsf
sll1260
rps2
sll1258
sll1257
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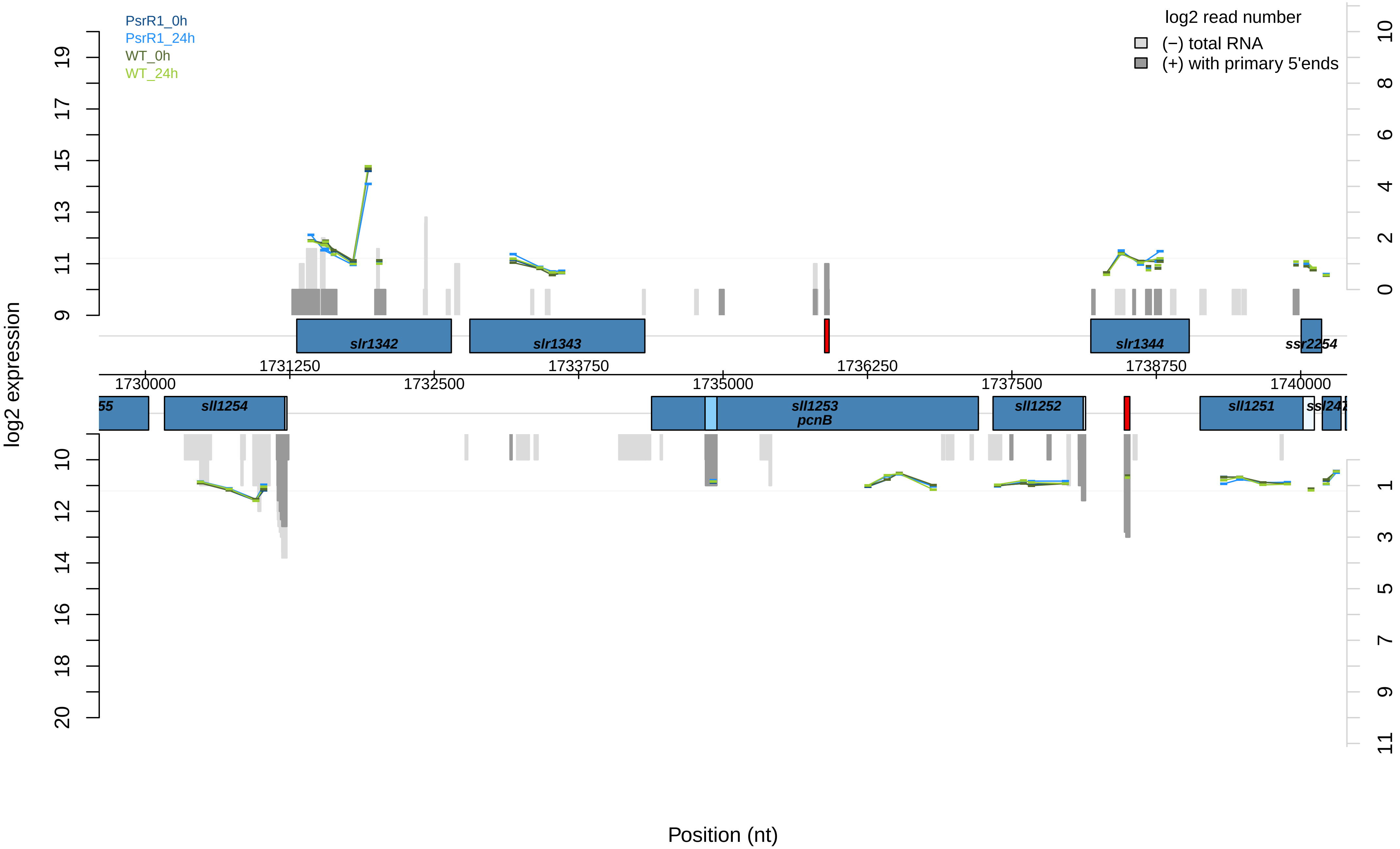
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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6
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slr1343
slr1344
ssr2254
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1738750
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1732500
1735000
1737500
1740000
55
sll1254
sll1253
pcnB
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ssl24
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14
16
18
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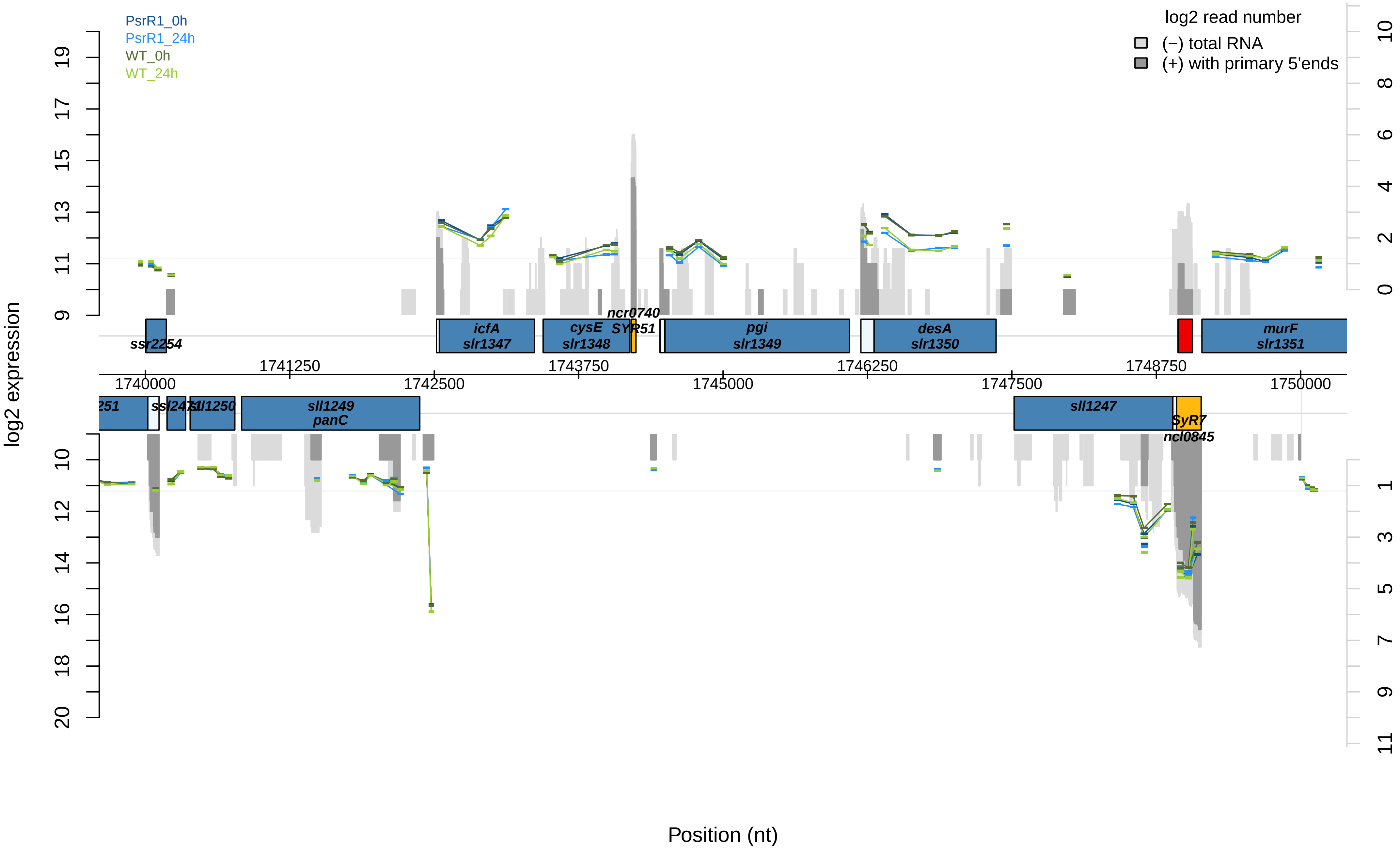
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
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12
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10
8
6
4
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1
3
5
7
9
11
ssr2254
icfA
slr1347
cysE
slr1348
ncr0740
SYR51
pgi
slr1349
desA
slr1350
murF
slr1351
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sll1247
SyR7
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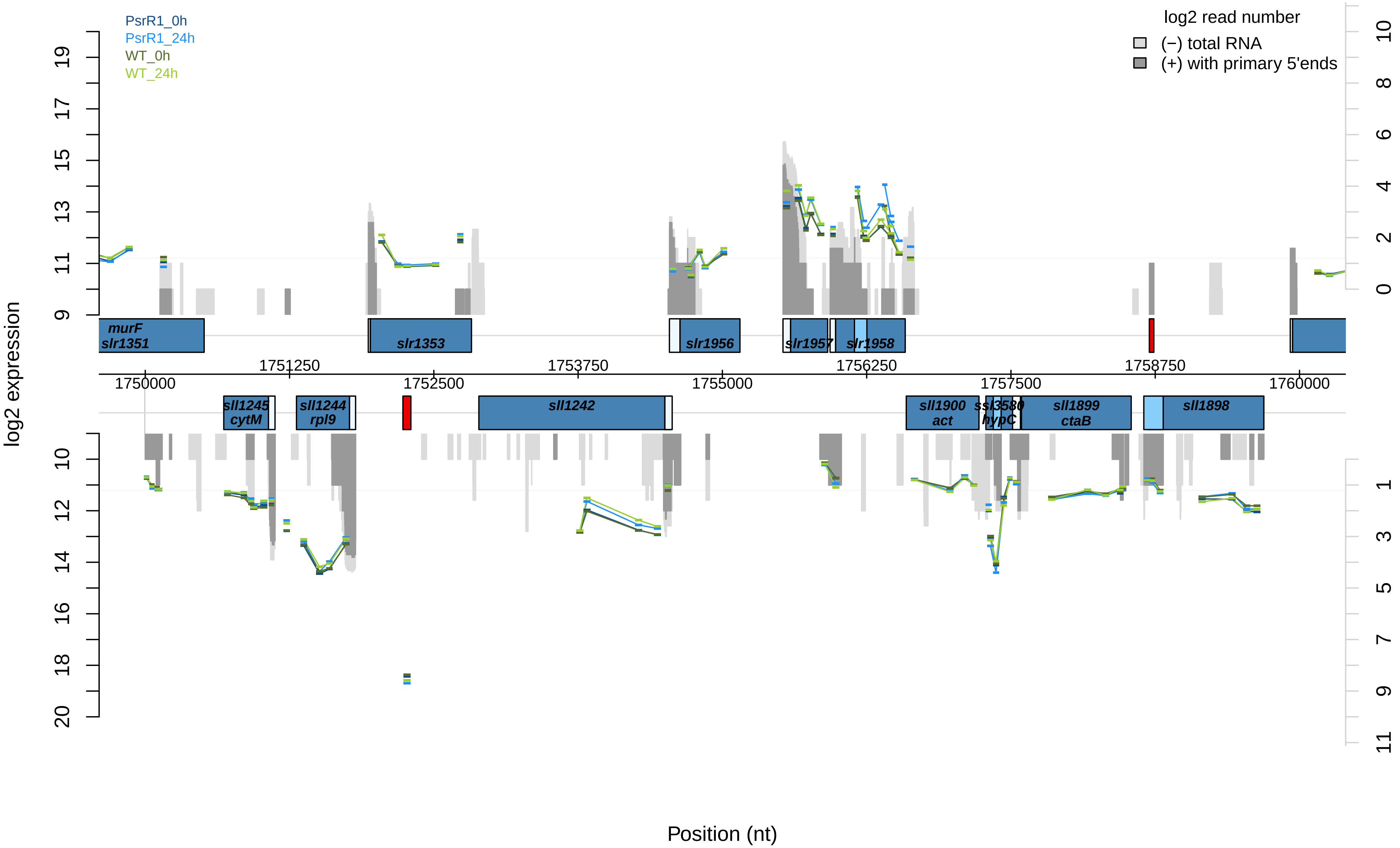
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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12
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18
20
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6
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10
1
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5
7
9
11
murF
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slr1353
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1752500
1755000
1757500
1760000
sll1245
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act
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sll1899
ctaB
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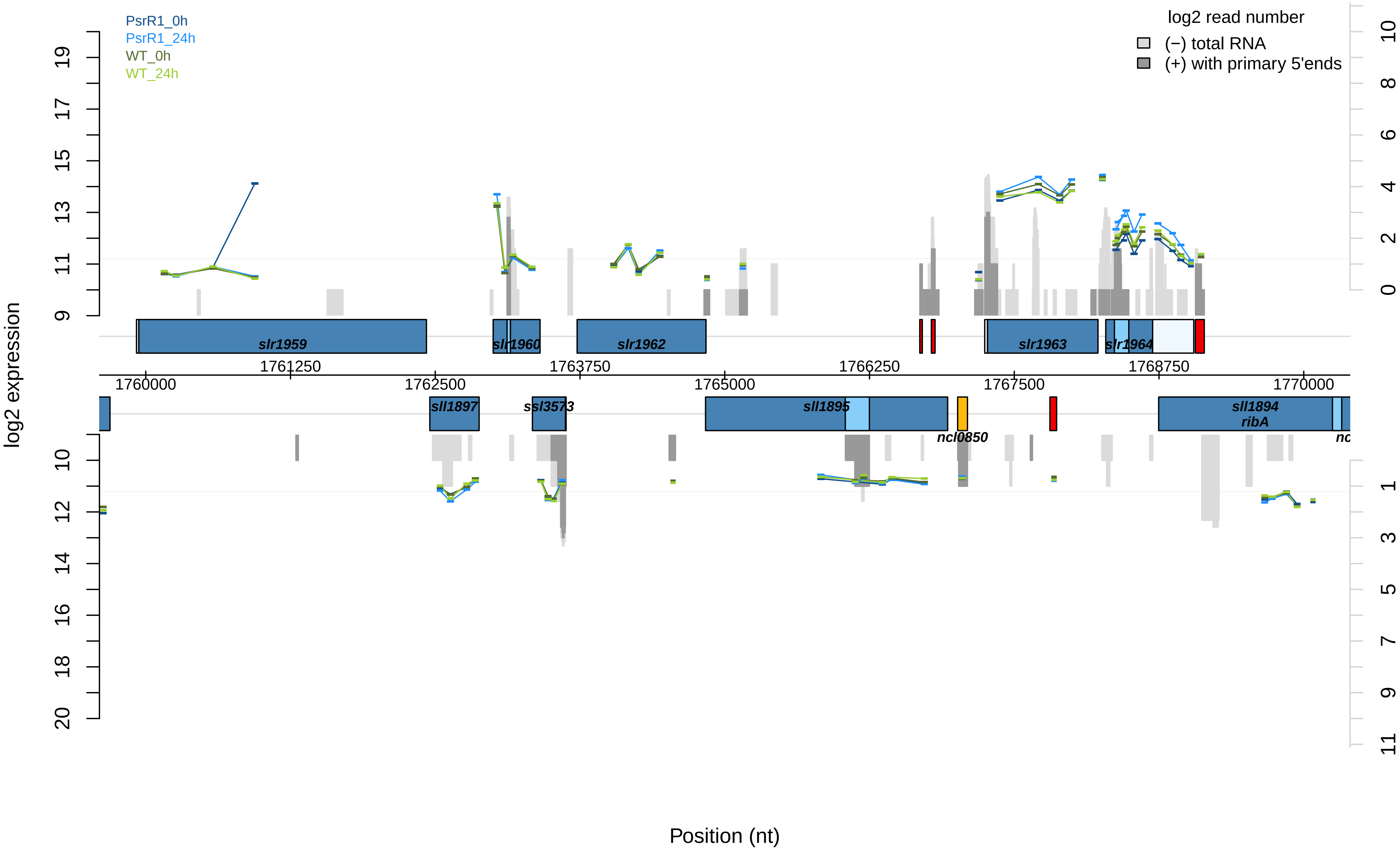
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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11
13
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slr1960
slr1962
slr1963
slr1964
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ssl3573
sll1895
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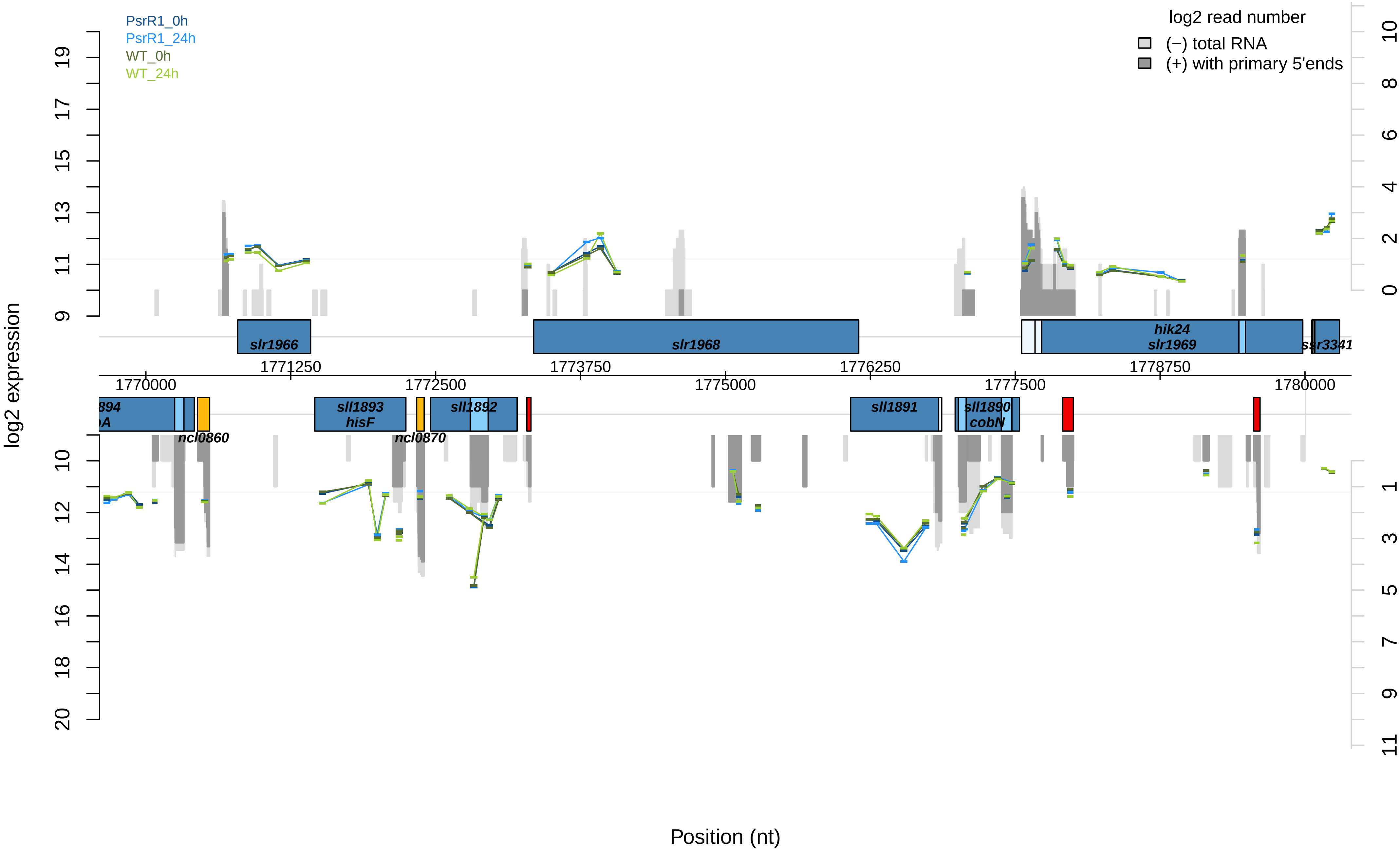
1770000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
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12
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16
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5
7
9
11
slr1966
slr1968
hik24
slr1969
ssr3341
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1772500
1775000
1777500
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hisF
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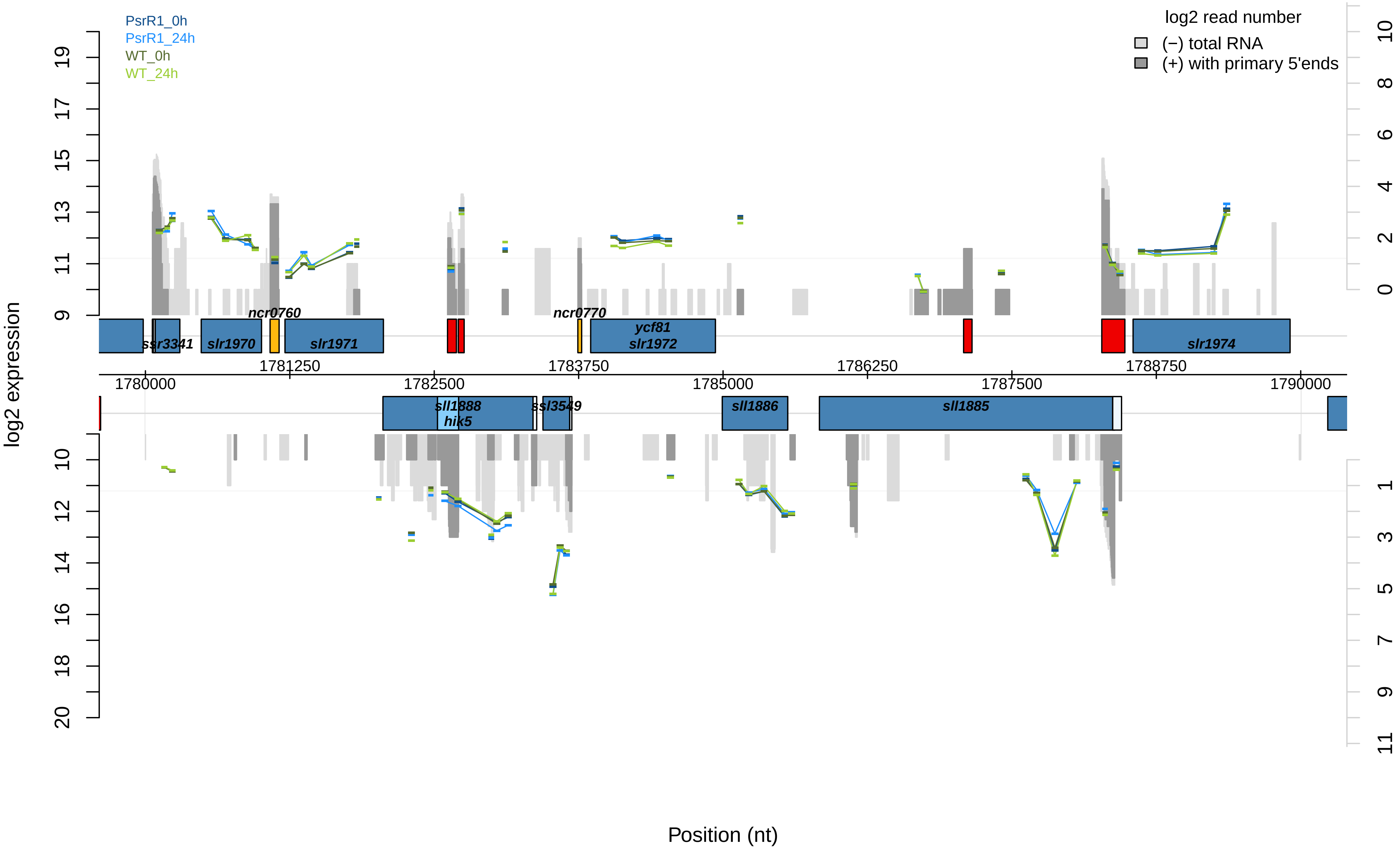
sll1891
sll1890
cobN
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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12
14
16
18
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7
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11
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ncr0770
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slr1970
slr1971
ycf81
slr1972
slr1974
1781250
1783750
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hik5
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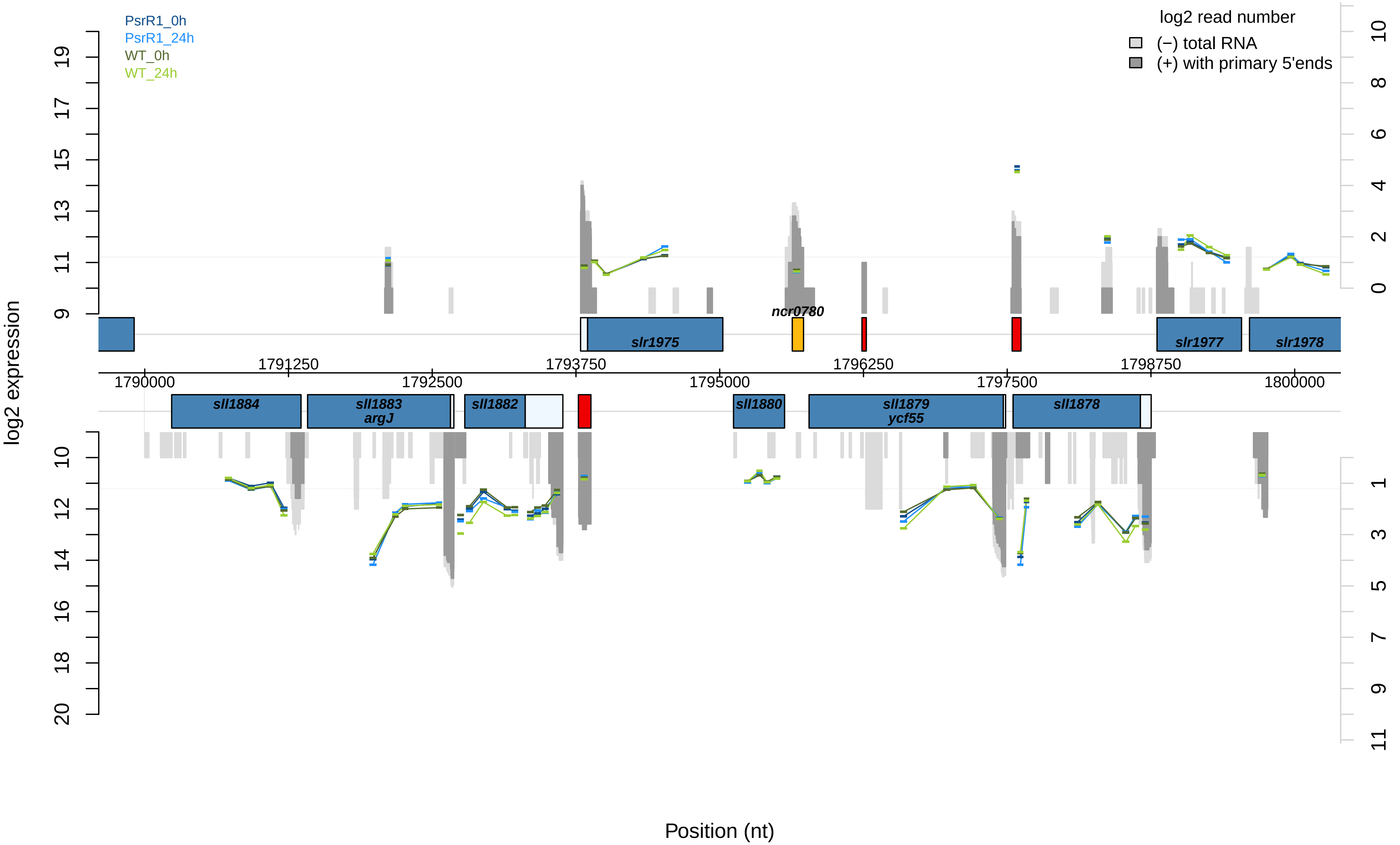
sll1886
sll1885


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0780
slr1975
slr1977
slr1978
1791250
1793750
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1798750
1790000
1792500
1795000
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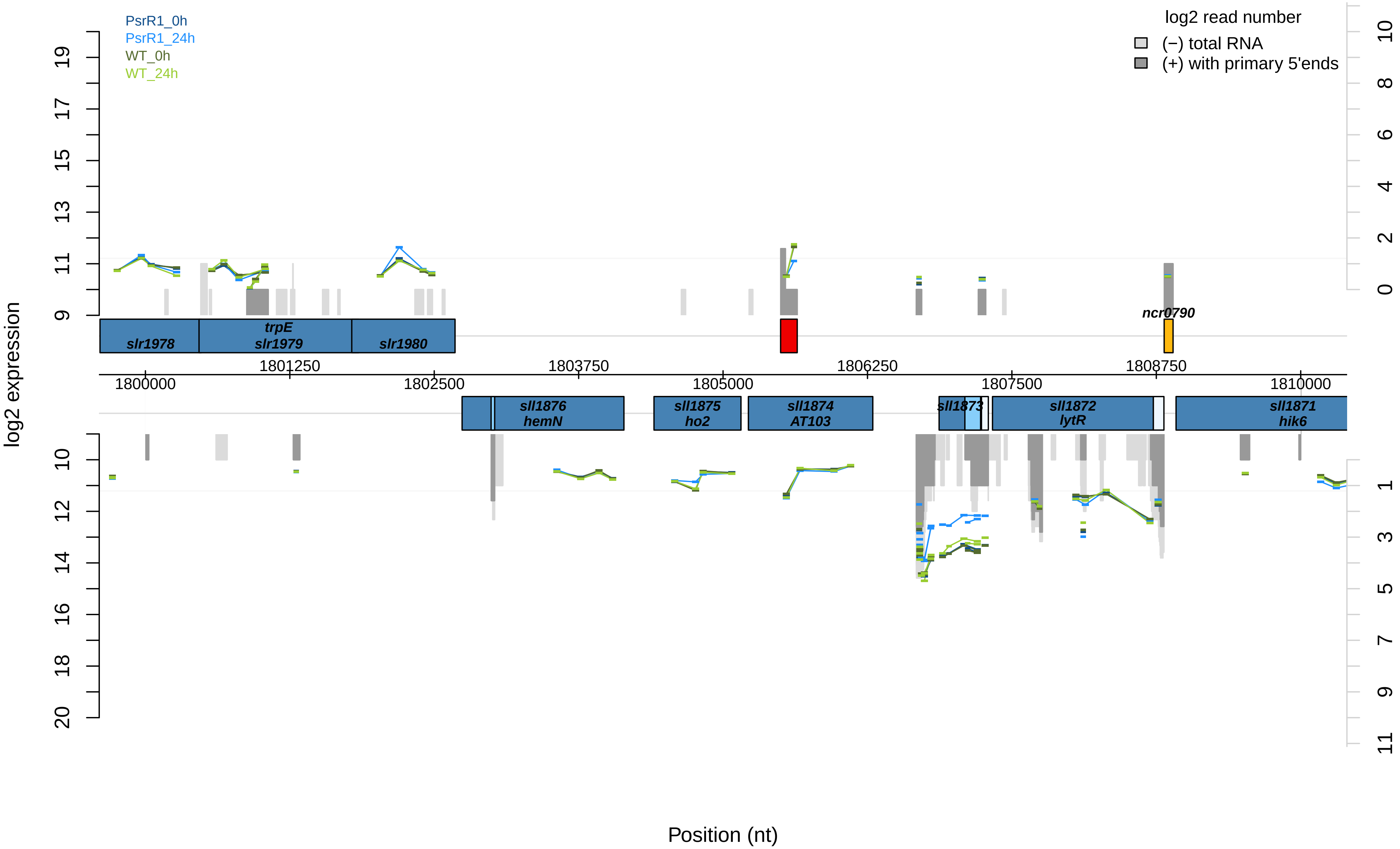
sll1883
argJ
sll1882
sll1880
sll1879
ycf55
sll1878
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
12
14
16
18
20
0
2
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6
8
10
1
3
5
7
9
11
1800000
1801250
1802500
1803750
1805000
1806250
1807500
1808750
1810000
slr1978
trpE
slr1979
slr1980
ncr0790
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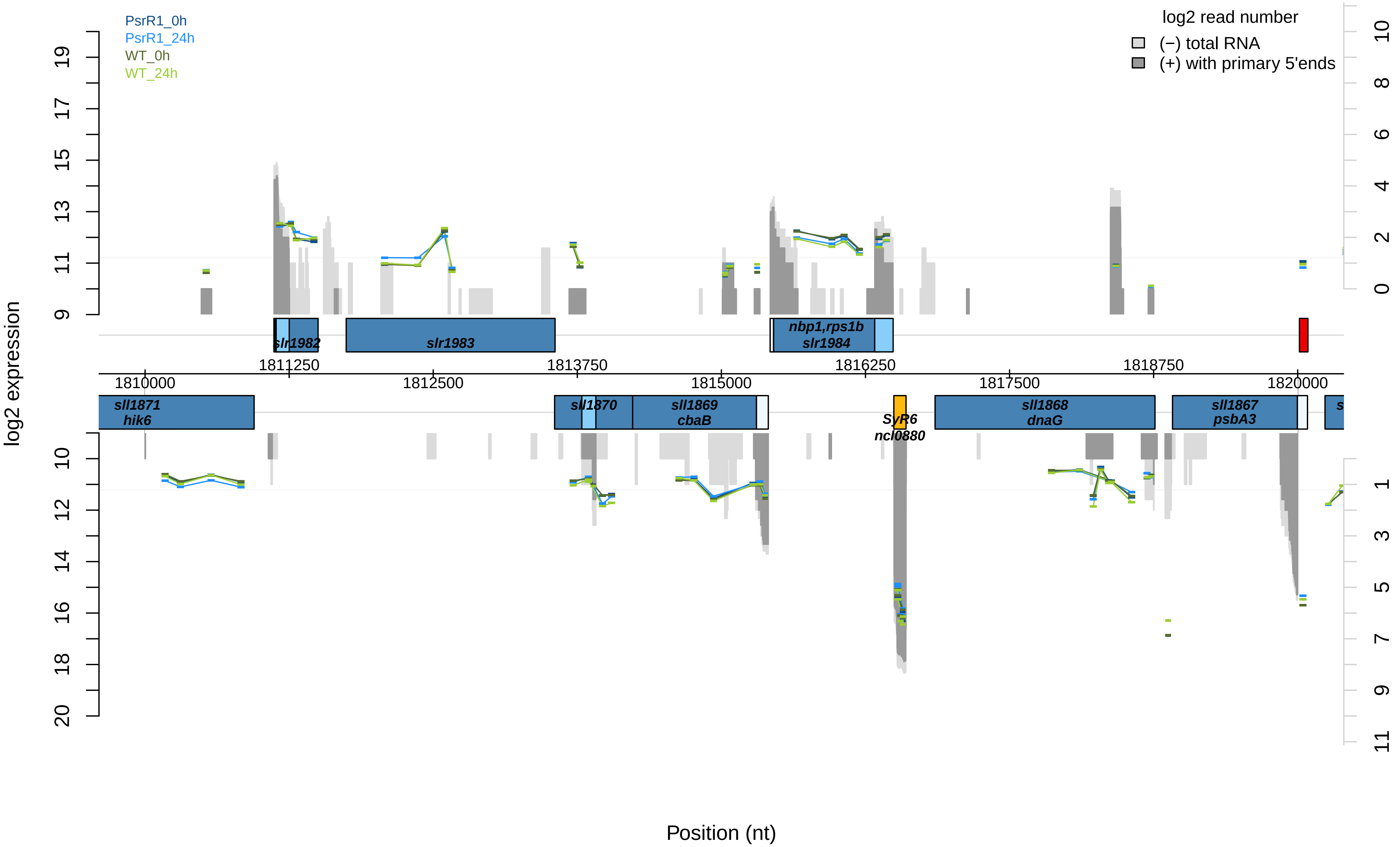
sll1875
ho2
sll1874
AT103
sll1873
sll1872
lytR
sll1871
hik6


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
0
2
4
6
8
10
slr1982
slr1983
nbp1,rps1b
slr1984
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1813750
1816250
1818750
1810000
1812500
1815000
1817500
1820000
sll1871
hik6
sll1870
sll1869
cbaB
SyR6
ncl0880
sll1868
dnaG
sll1867
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s
10
12
14
16
18
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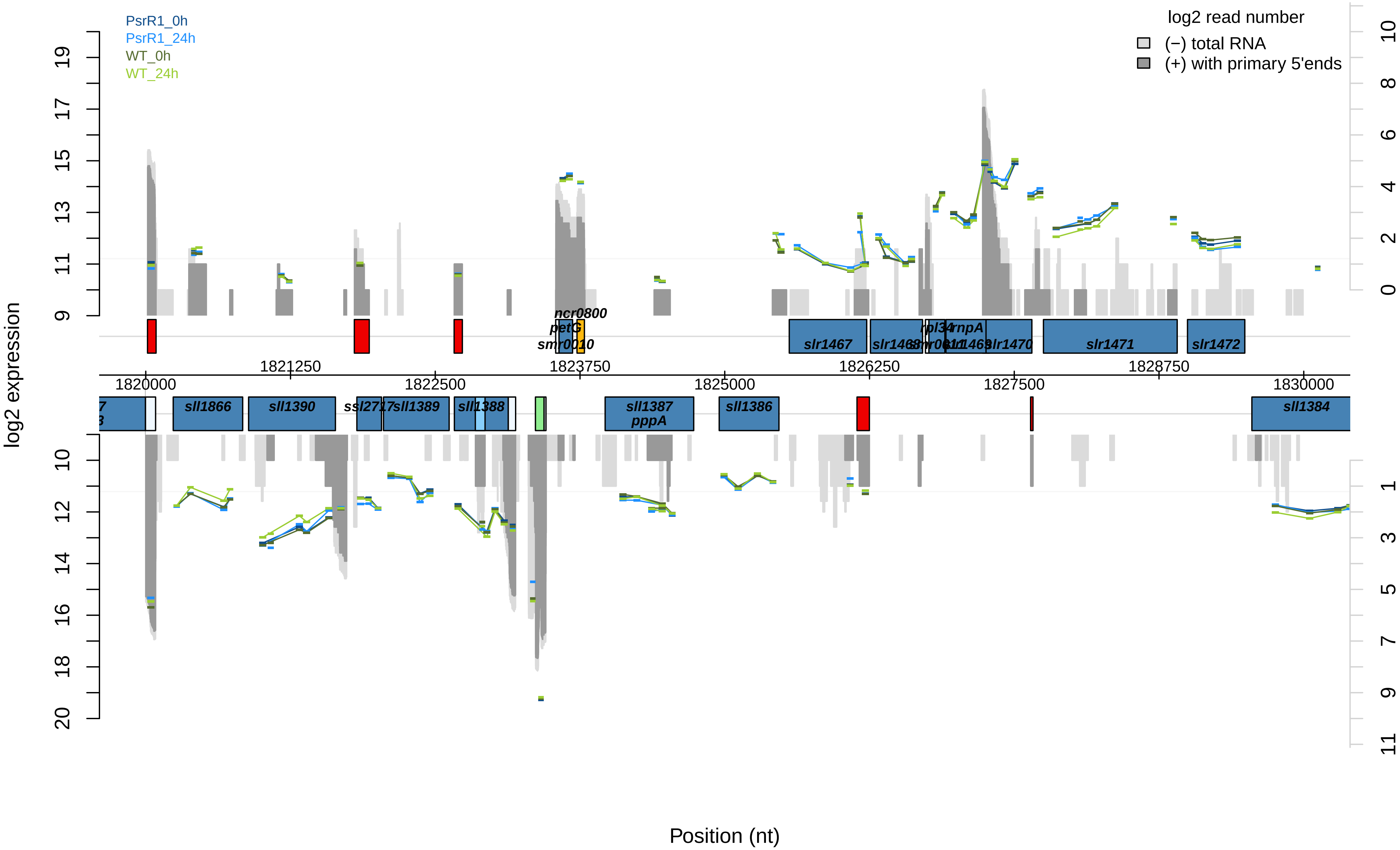
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
17
19
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14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0800
petG
smr0010
slr1467
slr1468
rpl34
rnpA
smr0011
sll1469
slr1470
slr1471
slr1472
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1823750
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1820000
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1825000
1827500
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sll1387
pppA
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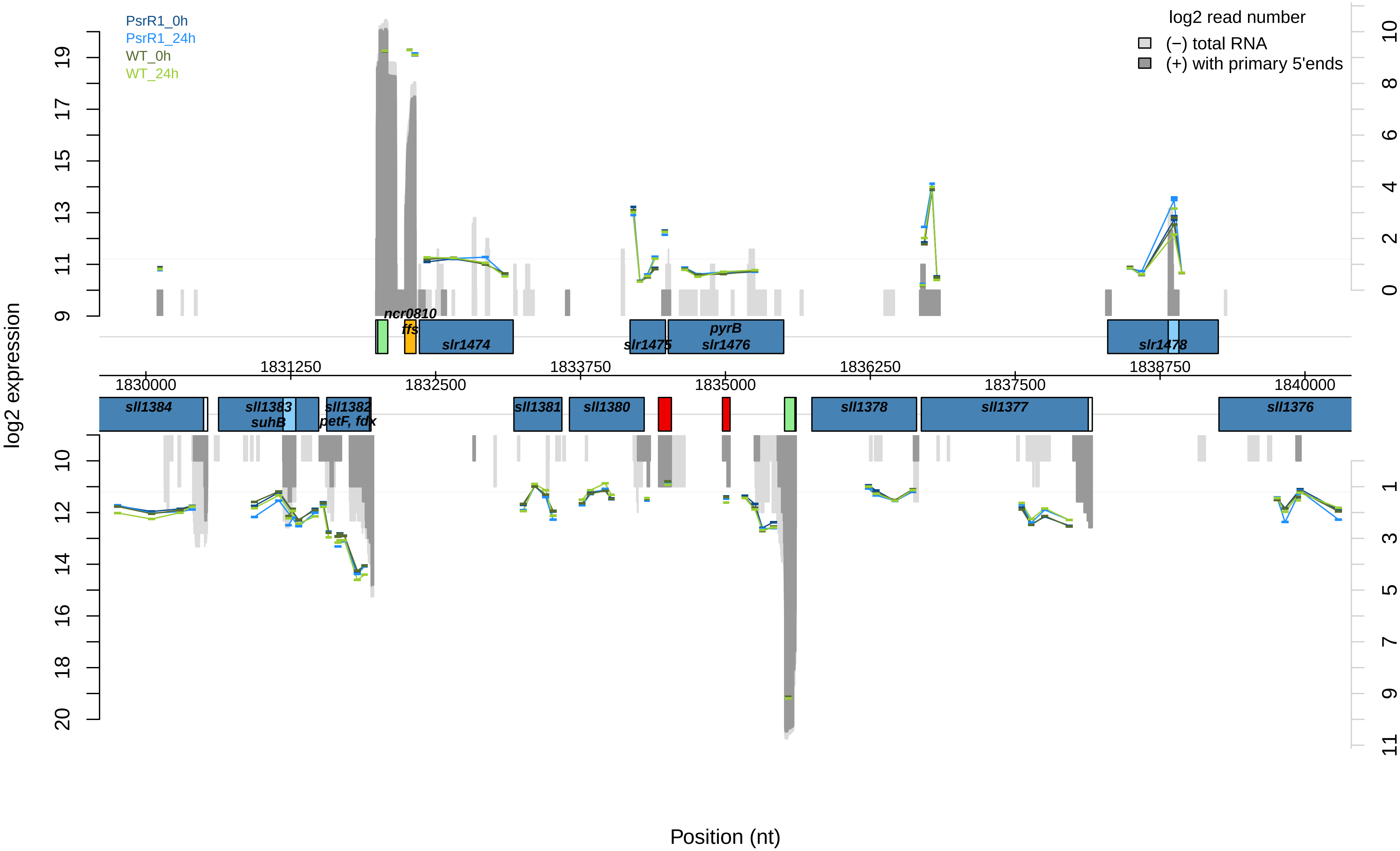
sll1384
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
ncr0810
ffs
slr1474
slr1475
pyrB
slr1476
slr1478
1831250
1833750
1836250
1838750
1830000
1832500
1835000
1837500
1840000
sll1384
sll1383
suhB
sll1382
petF, fdx
sll1381
sll1380
sll1378
sll1377
sll1376
10
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16
18
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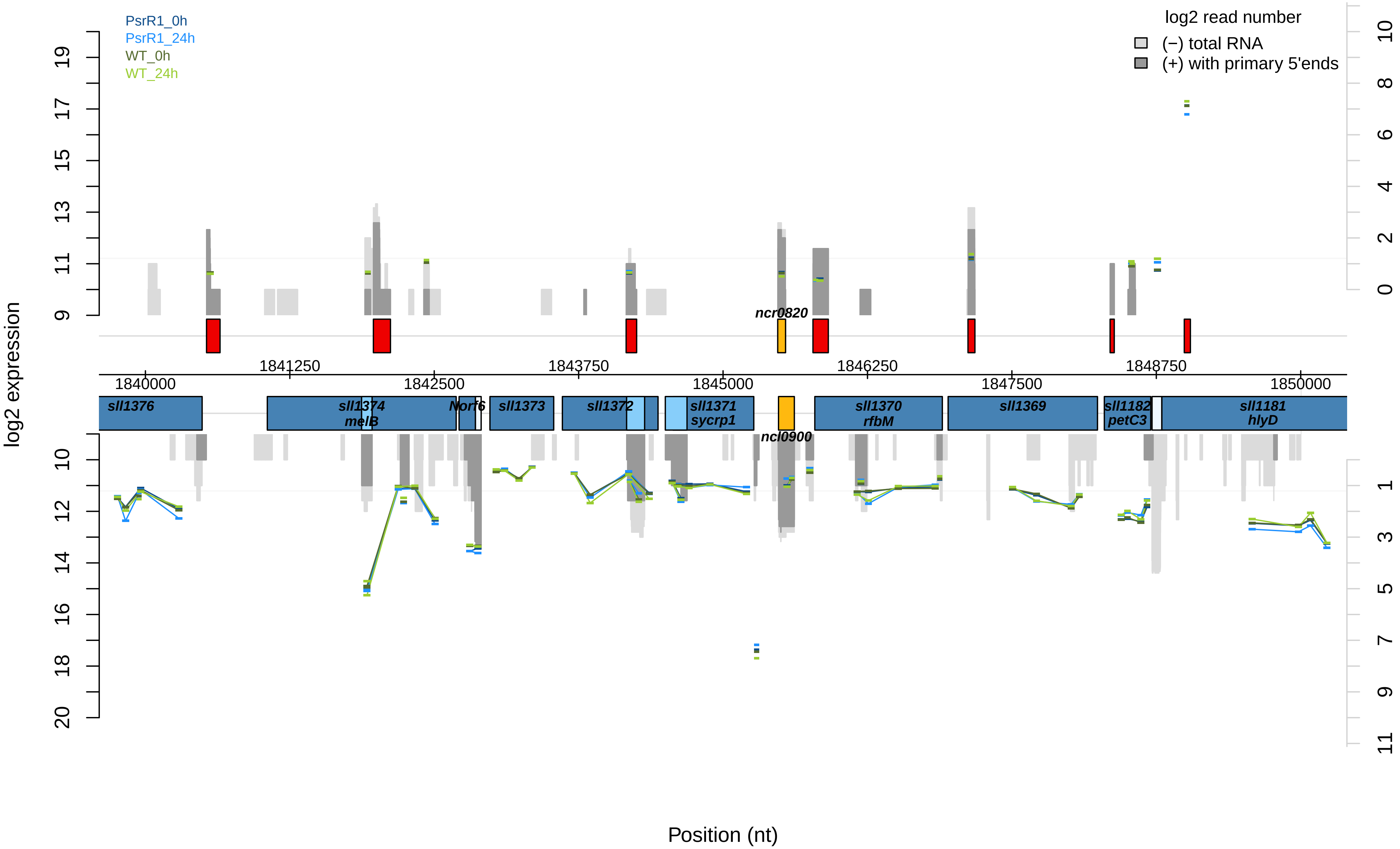
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0820
1840000
1841250
1842500
1843750
1845000
1846250
1847500
1848750
1850000
sll1376
sll1374
melB
Norf6
sll1373
sll1372
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sycrp1
sll1370
rfbM
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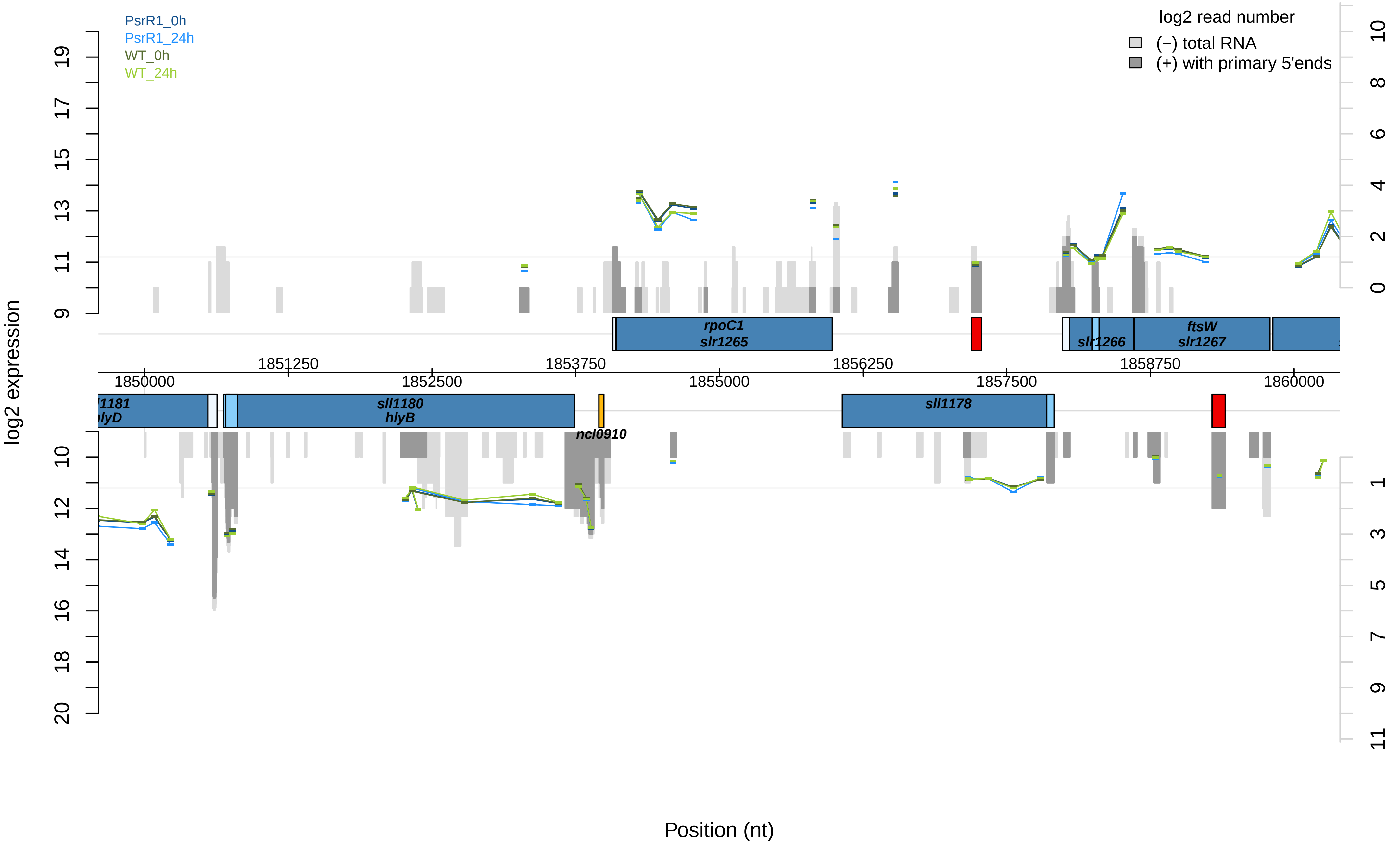
sll1181
hlyD
ncl0900
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
rpoC1
slr1265
slr1266
ftsW
slr1267
1851250
1853750
1856250
1858750
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1852500
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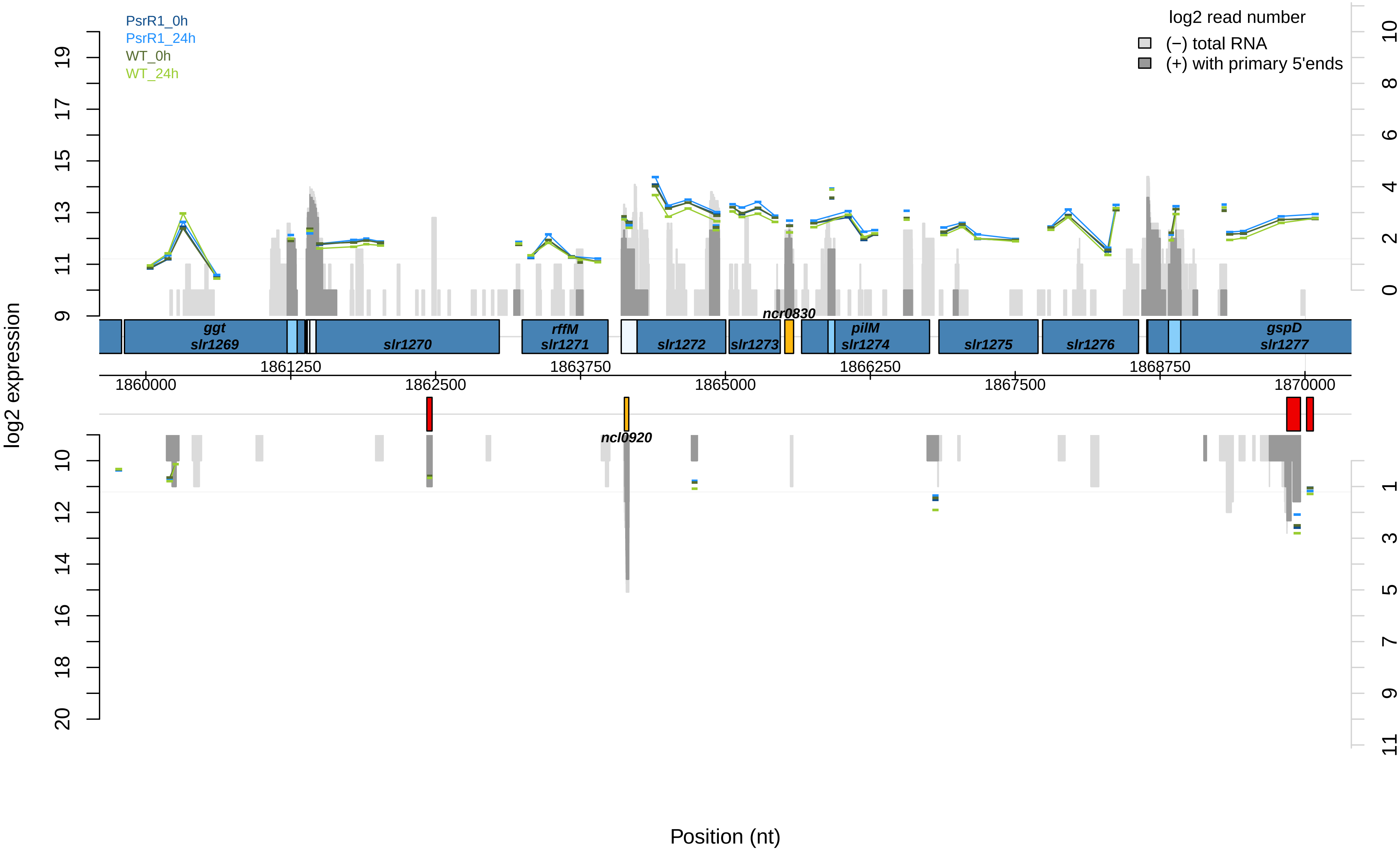
1857500
1860000
l1181
hlyD
sll1180
hlyB
ncl0910
sll1178
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
ggt
slr1269
slr1270
rffM
slr1271
slr1272
slr1273
ncr0830
pilM
slr1274
slr1275
slr1276
gspD
slr1277
ncl0920
1860000
1861250
1862500
1863750
1865000
1866250
1867500
1868750
1870000
9
11
13
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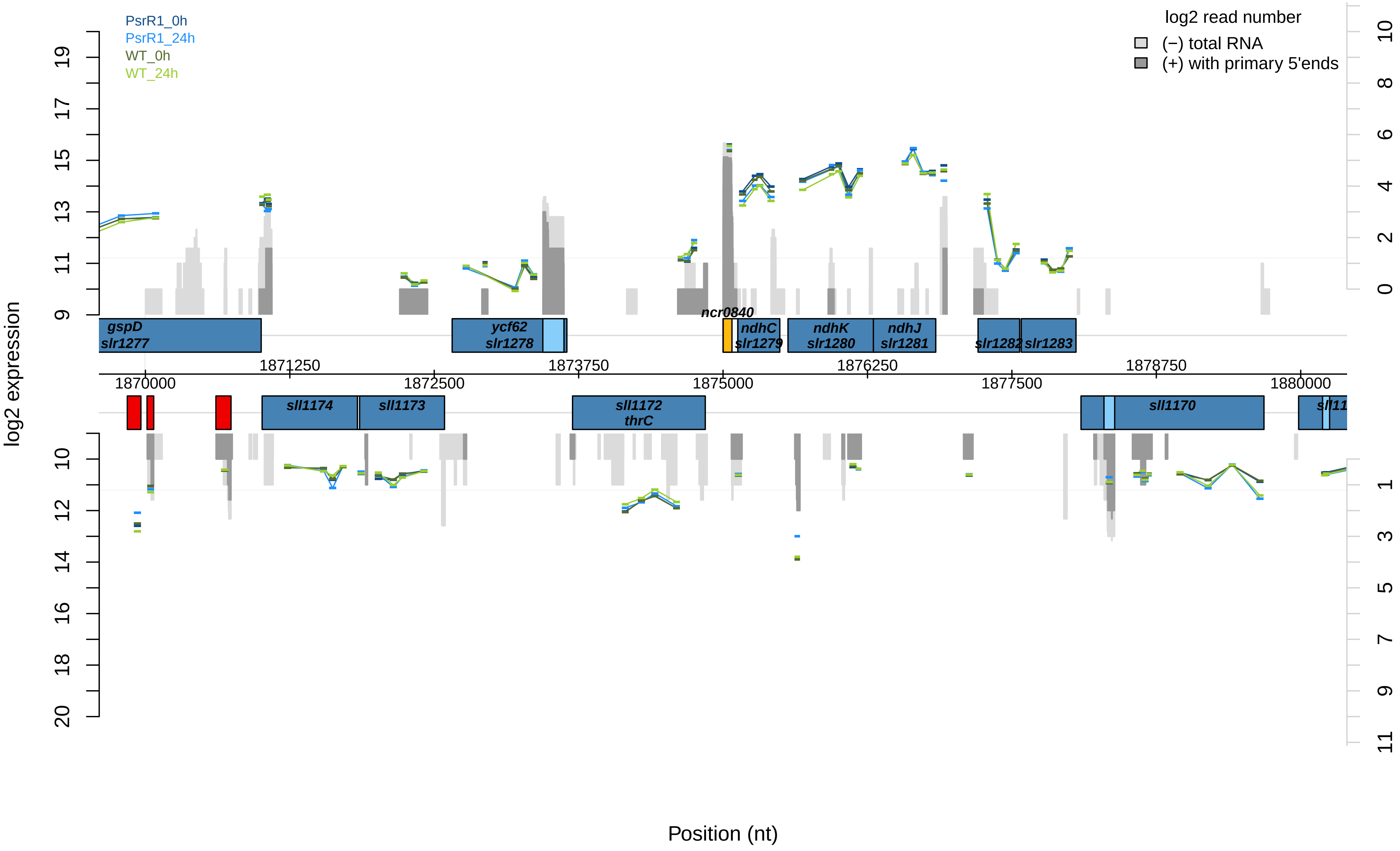
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
■ (+) with primary 5'ends
log2 expression
9
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13
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6
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1
3
5
7
9
11
gspD
slr1277
ycf62
slr1278
ncr0840
ndhC
slr1279
ndhK
slr1280
ndhJ
slr1281
slr1282
slr1283
1871250
1873750
1876250
1878750
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1880000
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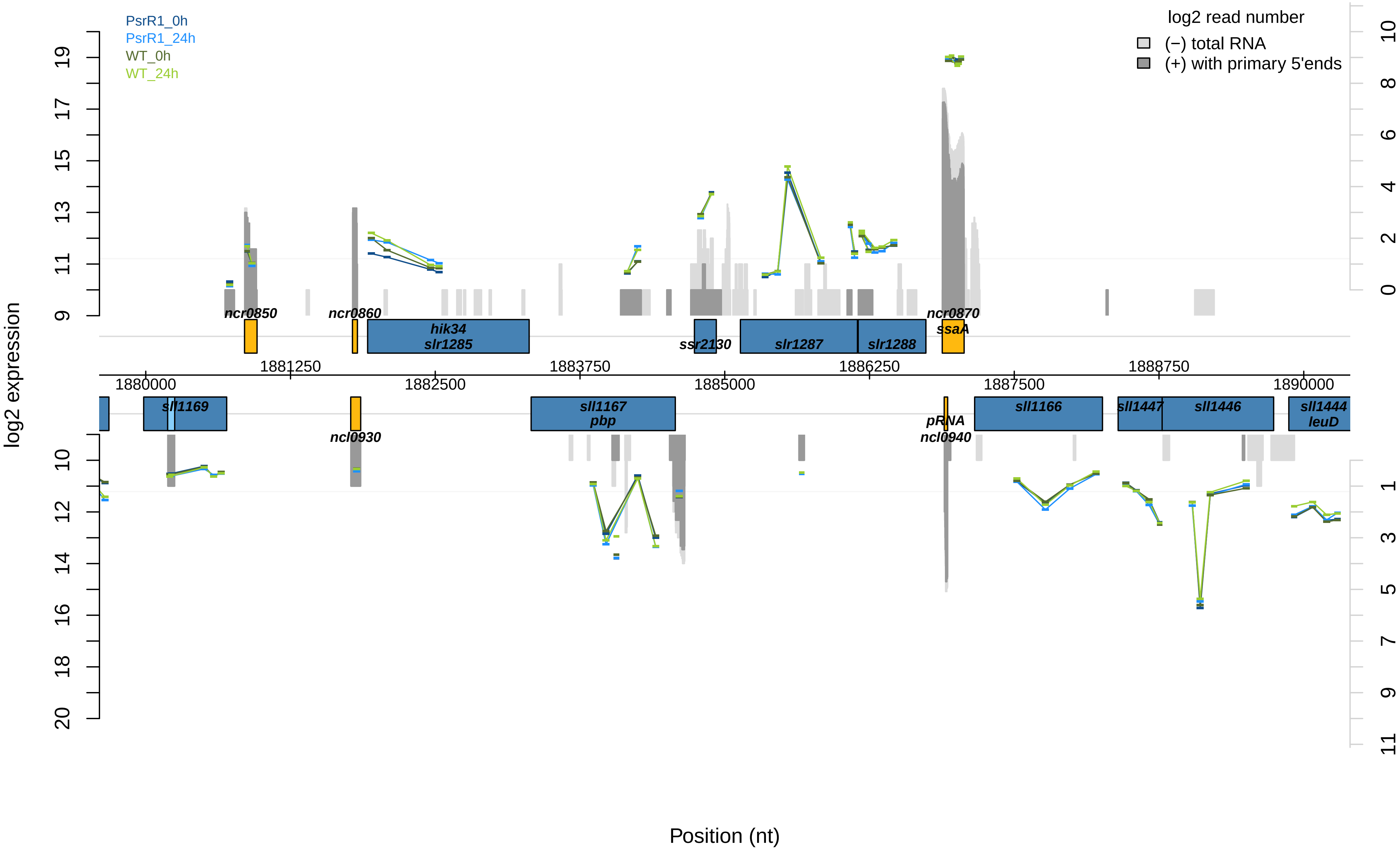
sll1173
sll1172
thrC
sll1170
sll11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
9
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15
17
19
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12
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16
18
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0
2
4
6
8
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1
3
5
7
9
11
ncr0850
ncr0860
hik34
slr1285
ssr2130
slr1287
slr1288
ncr0870
ssaA
1881250
1883750
1886250
1888750
1880000
1882500
1885000
1887500
1890000
sll1169
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pbp
pRNA
ncl0940
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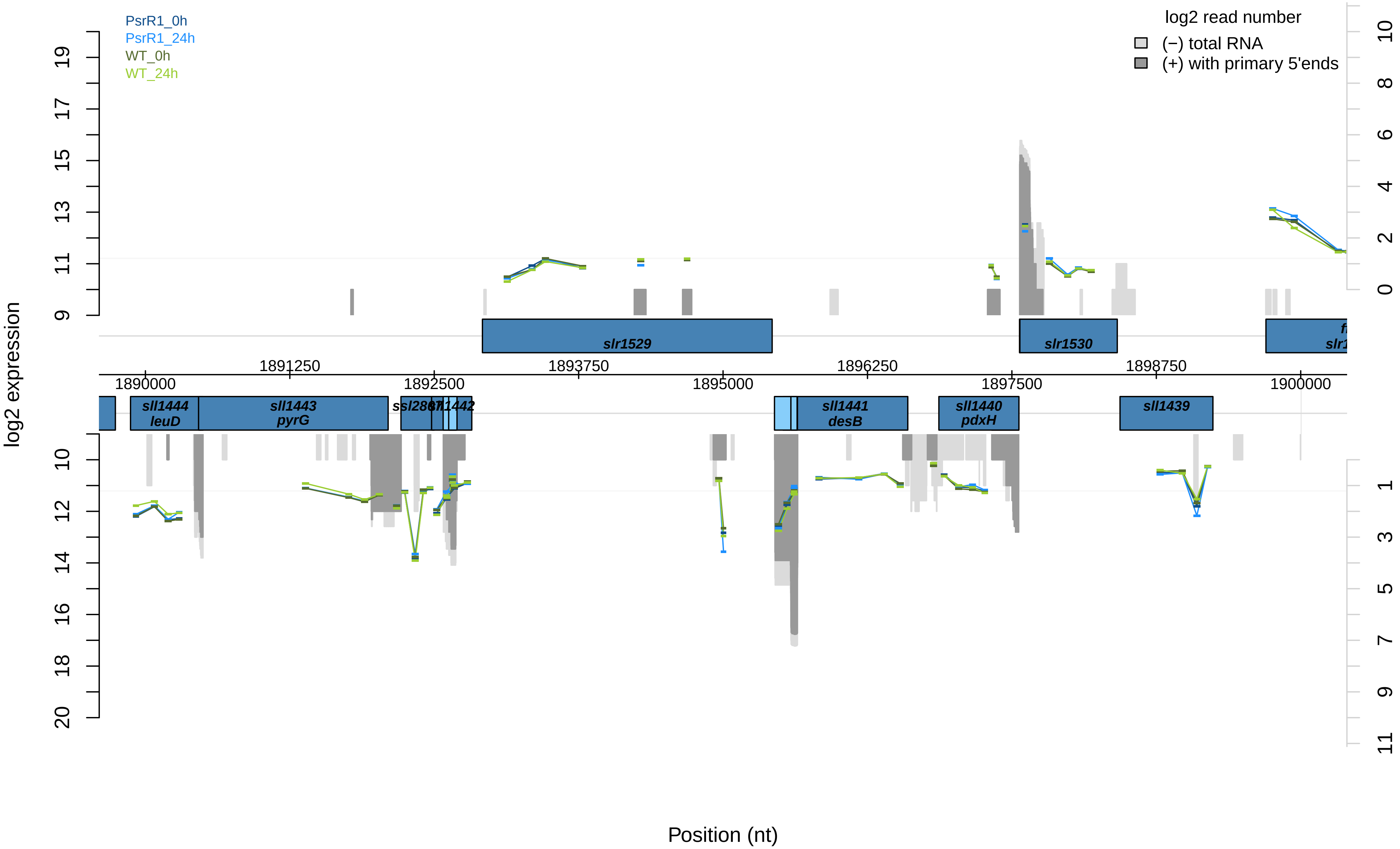
sll1447
sll1446
sll1444
leuD
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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18
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0
2
4
6
8
10
1
3
5
7
9
11
slr1529
slr1530
slr1
sll1444
leuD
sll1443
pyrG
ssl2887
sll1442
sll1441
desB
sll1440
pdxH
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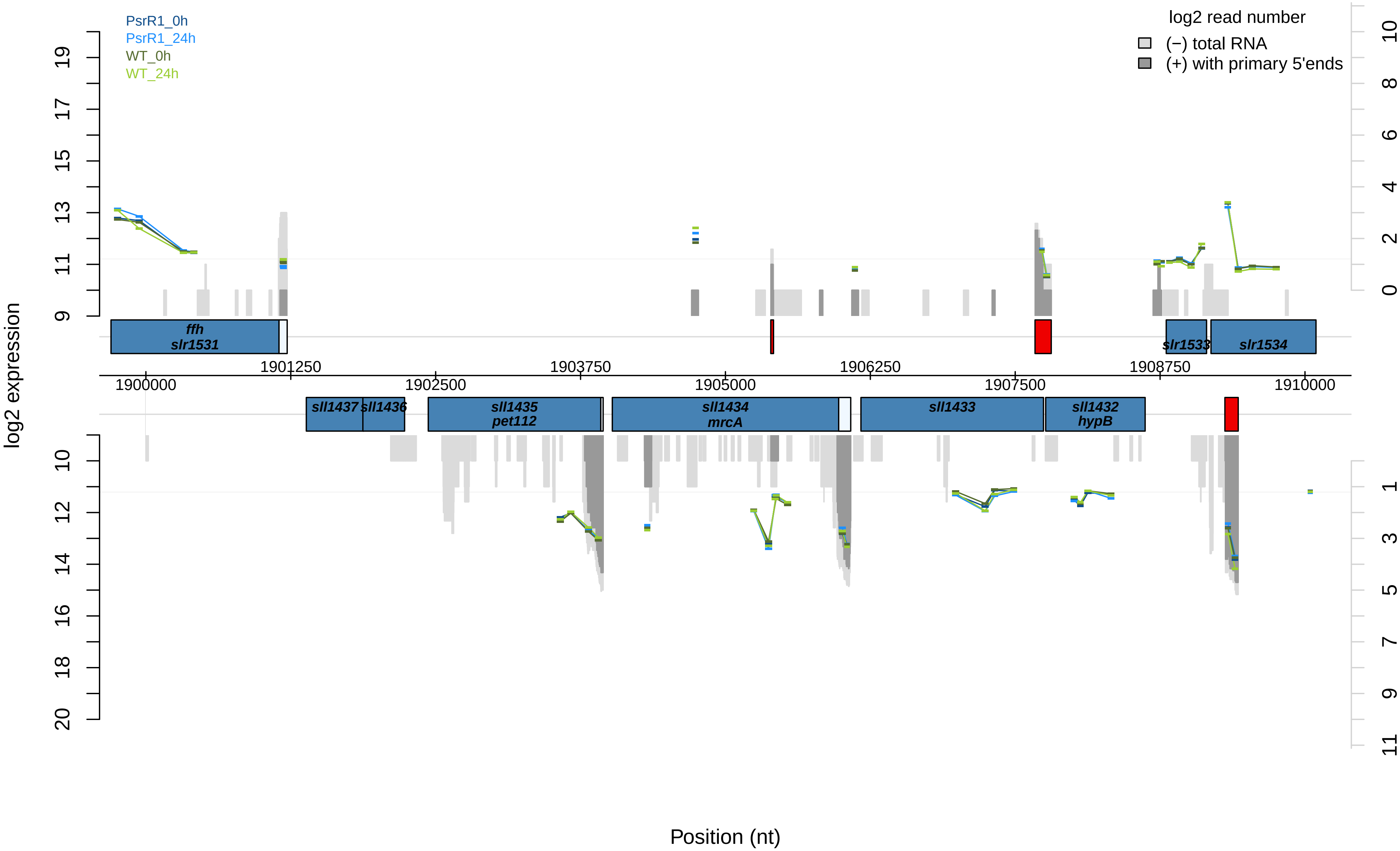
1896250
1897500
1898750
1900000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
ffh
slr1531
slr1533
slr1534
sll1437
sll1436
sll1435
pet112
sll1434
mrcA
sll1433
sll1432
hypB
1900000
1901250
1902500
1903750
1905000
1906250
1907500
1908750
1910000
9
11
13
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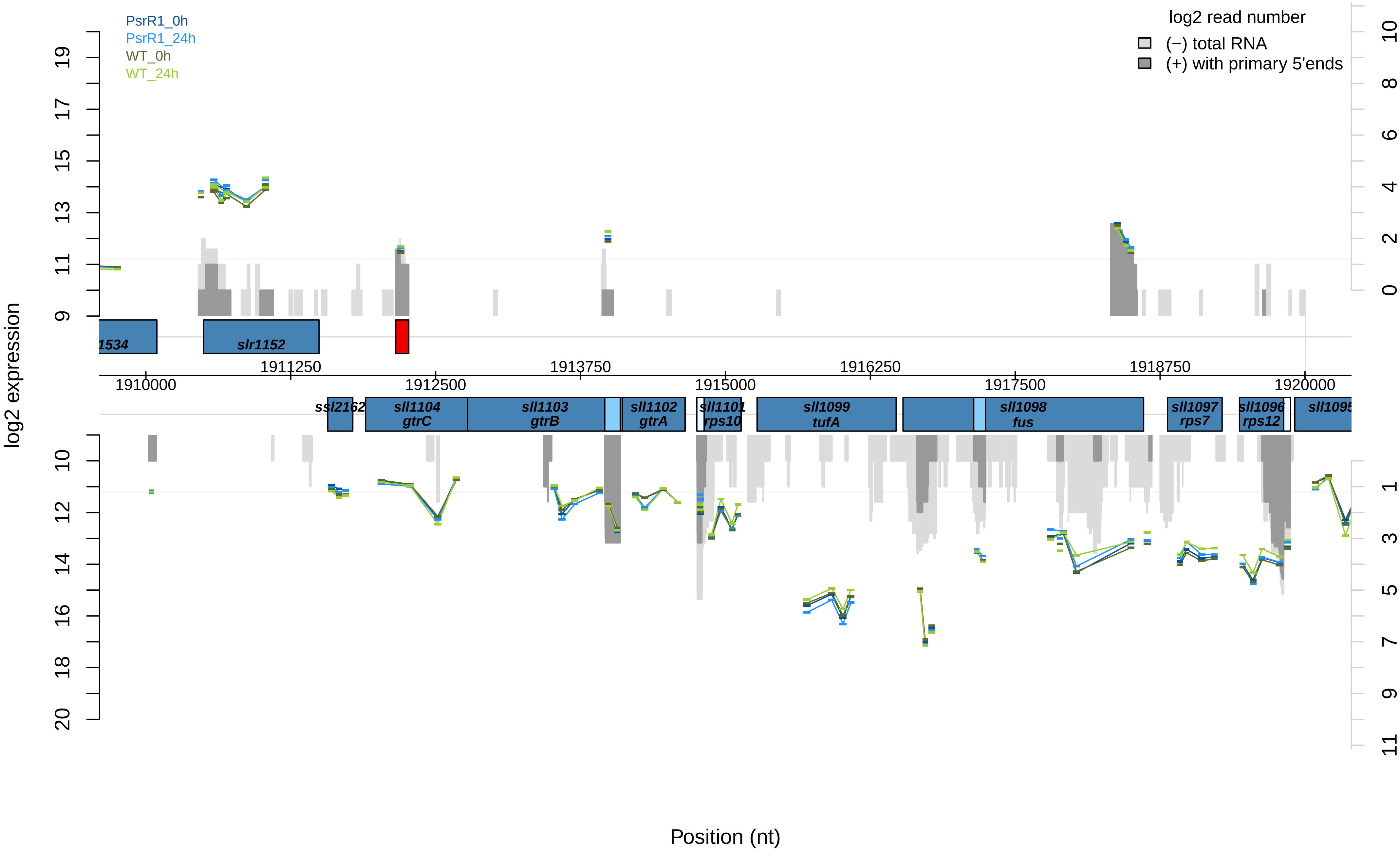
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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18
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6
8
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1
3
5
7
9
11
1534
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1916250
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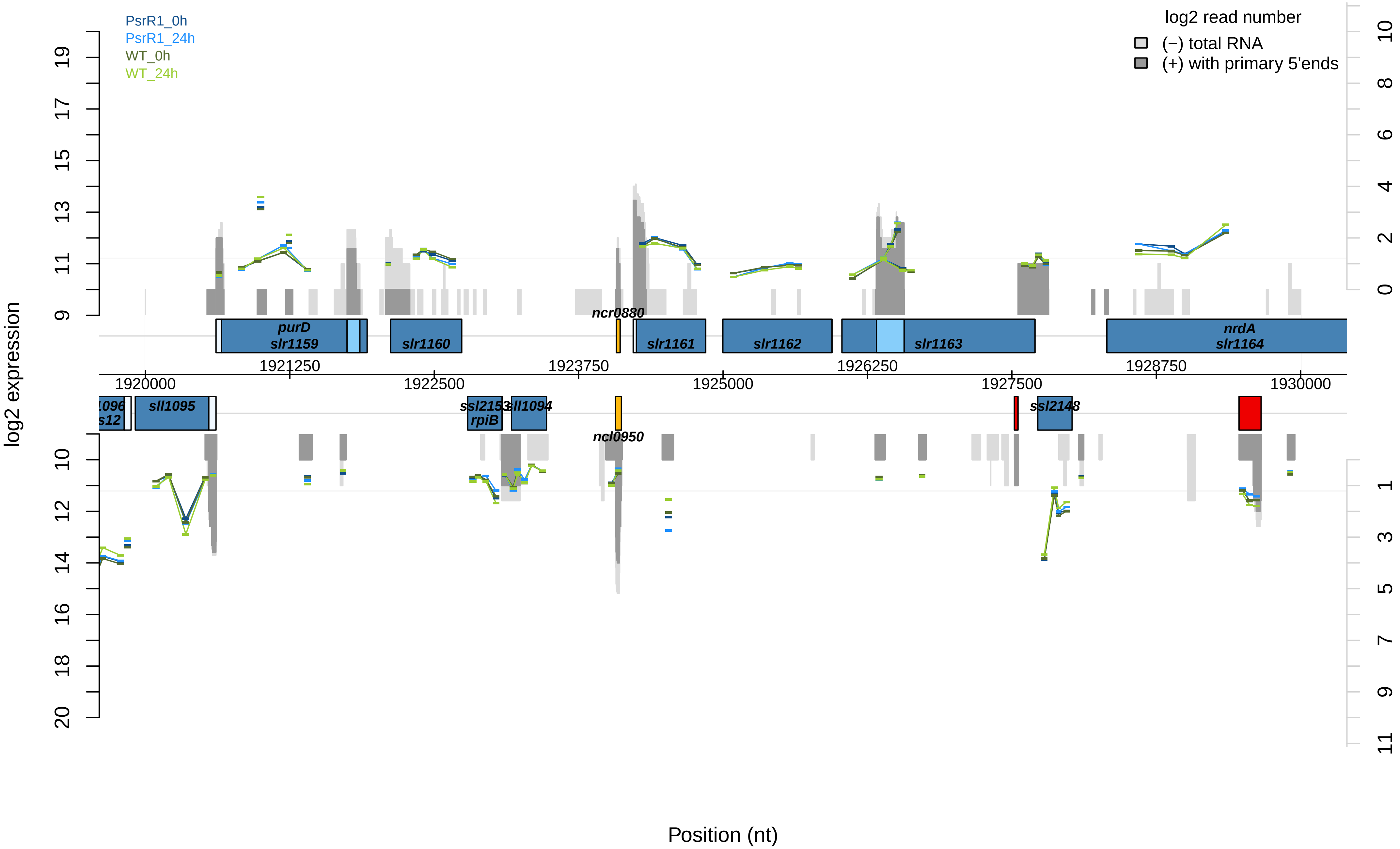
1910000
1912500
1915000
1917500
1920000
ssl2162
sll1104
gtrC
sll1103
gtrB
sll1102
gtrA
sll1101
rps10
sll1099
tufA
sll1098
fus
sll1097
rps7
sll1096
rps12
sll1095
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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0
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6
8
10
1
3
5
7
9
11
purD
slr1159
slr1160
ncr0880
slr1161
slr1162
slr1163
nrdA
slr1164
1921250
1923750
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1928750
1920000
1922500
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s12
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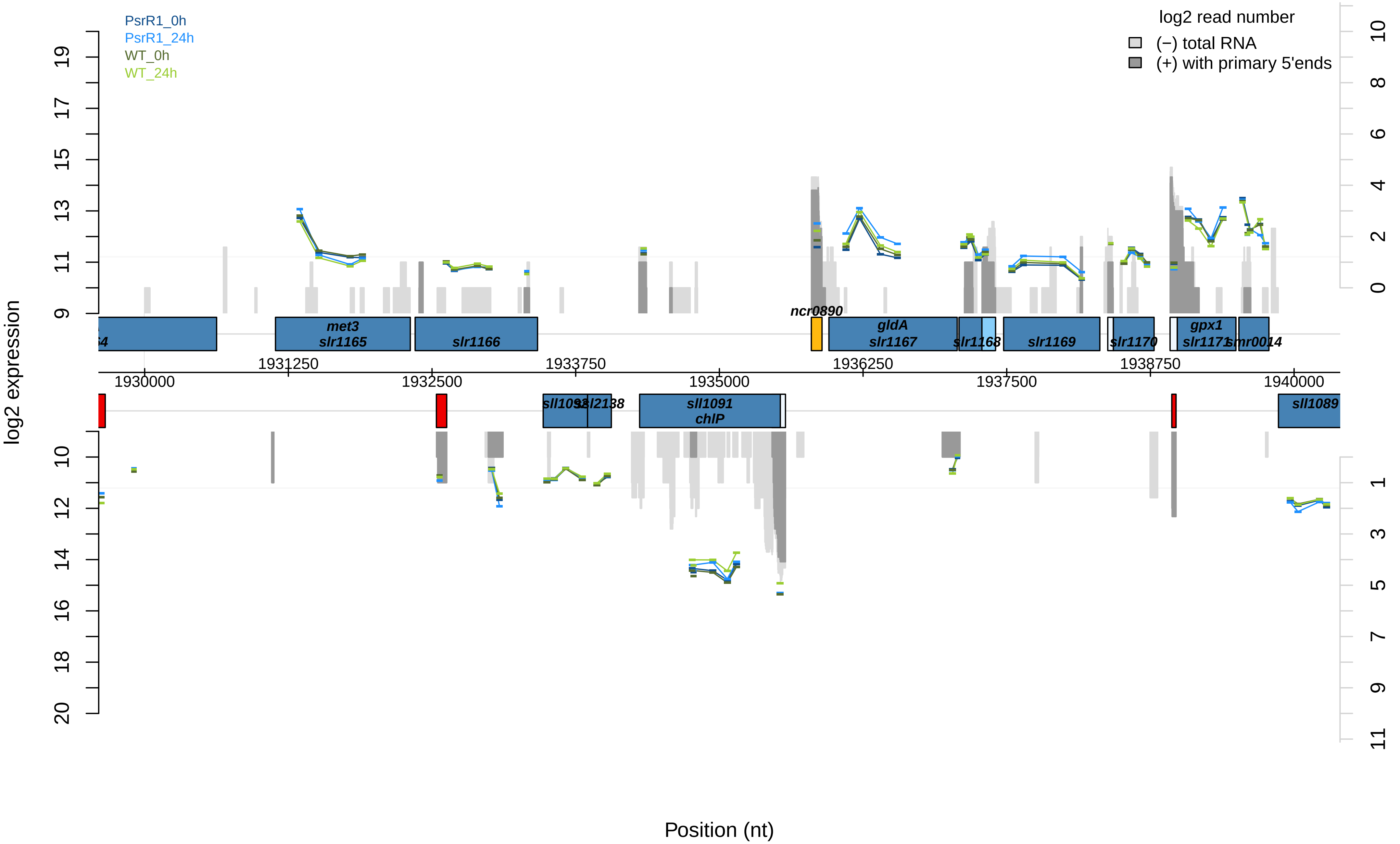
ssl2153
rpiB
sll1094
ncl0950
ssl2148
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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18
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3
5
7
9
11
met3
slr1165
slr1166
ncr0890
gldA
slr1167
slr1168
slr1169
slr1170
gpx1
slr1171
smr0014
1930000
1931250
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sll1092
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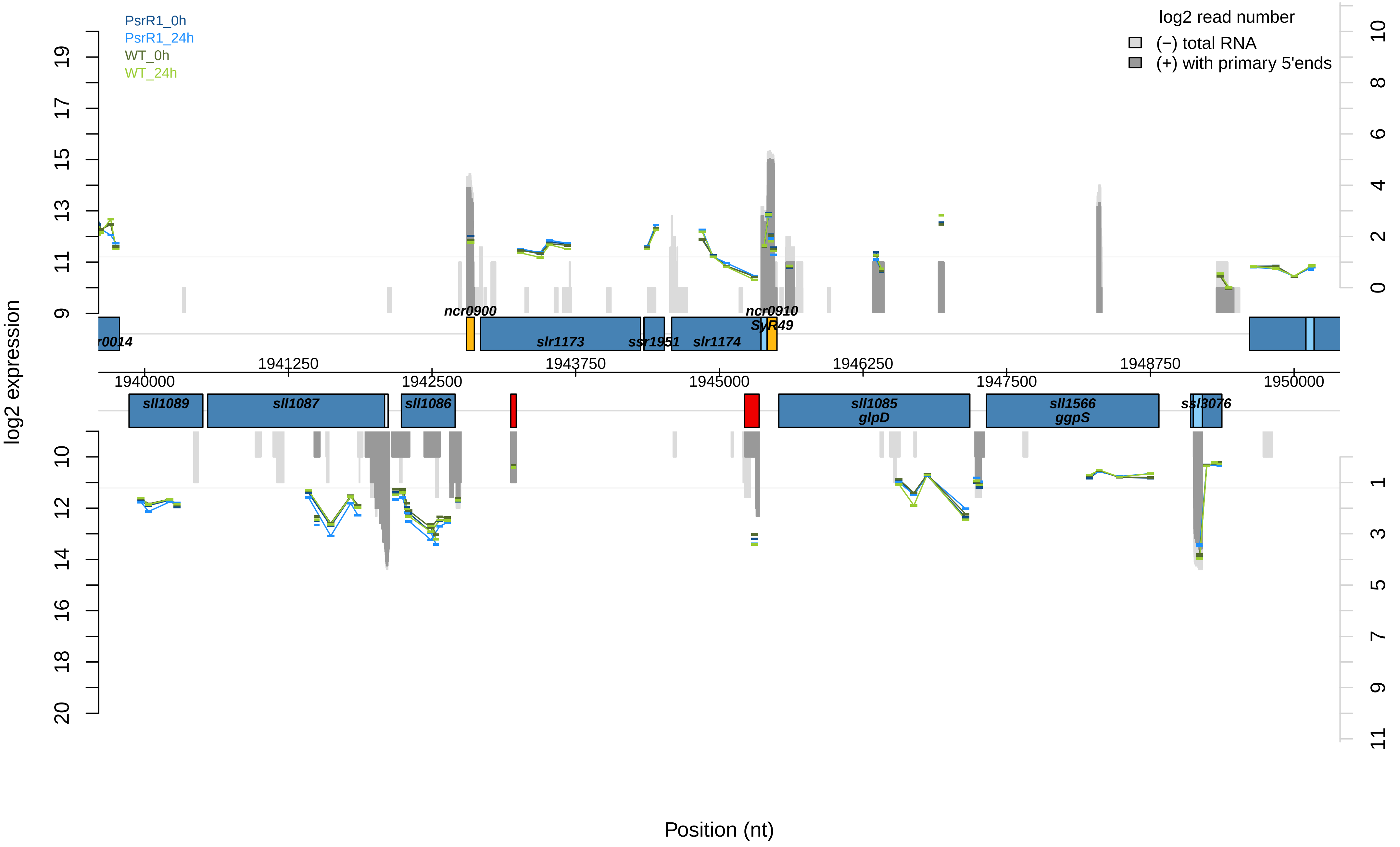
sll1091
chlP
sll1089
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
r0014
ncr0900
slr1173
ssr1951
slr1174
ncr0910
SyR49
1941250
1943750
1946250
1948750
1940000
1942500
1945000
1947500
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sll1086
sll1085
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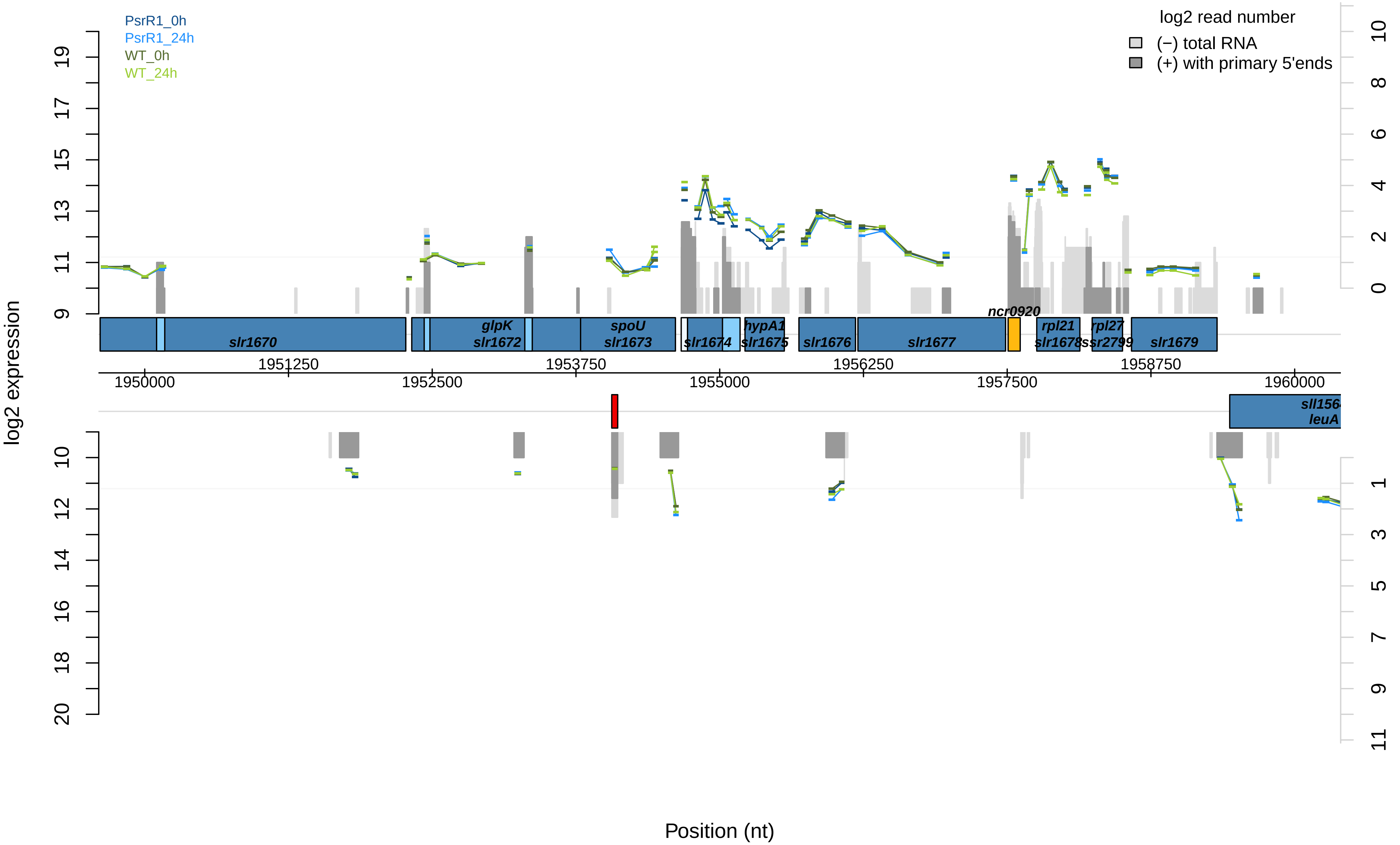
sll1566
ggpS
ssl3076
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
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1952500
1953750
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1956250
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1958750
1960000
slr1670
glpK
slr1672
spoU
slr1673
slr1674
hypA1
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ssr2799
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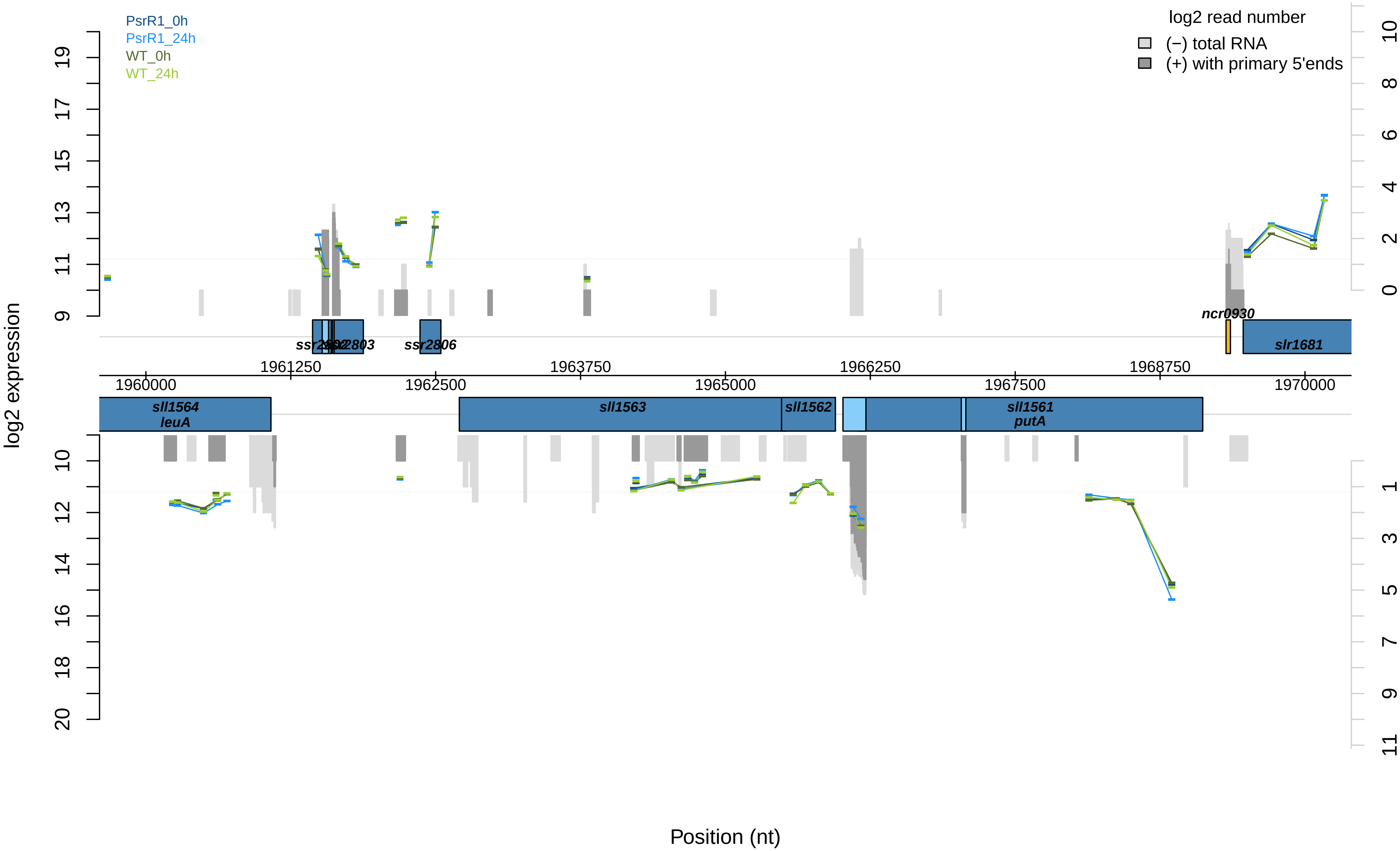
sll156
leuA


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
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12
14
16
18
20
0
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4
6
8
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5
7
9
11
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ssr2806
ncr0930
slr1681
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1963750
1966250
1968750
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1970000
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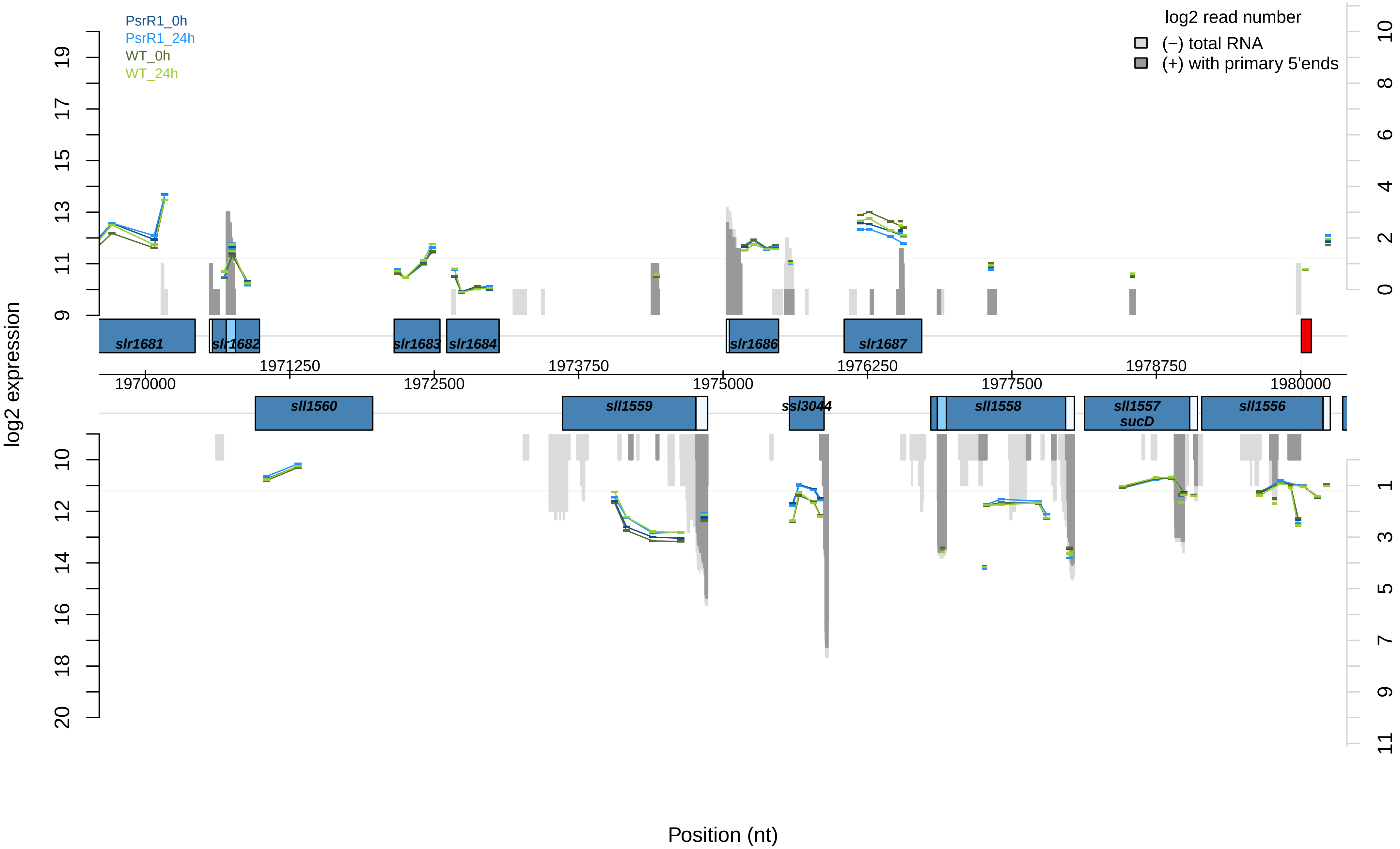
leuA
sll1563
sll1562
sll1561
putA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
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3
5
7
9
11
slr1681
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slr1683
slr1684
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slr1687
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1975000
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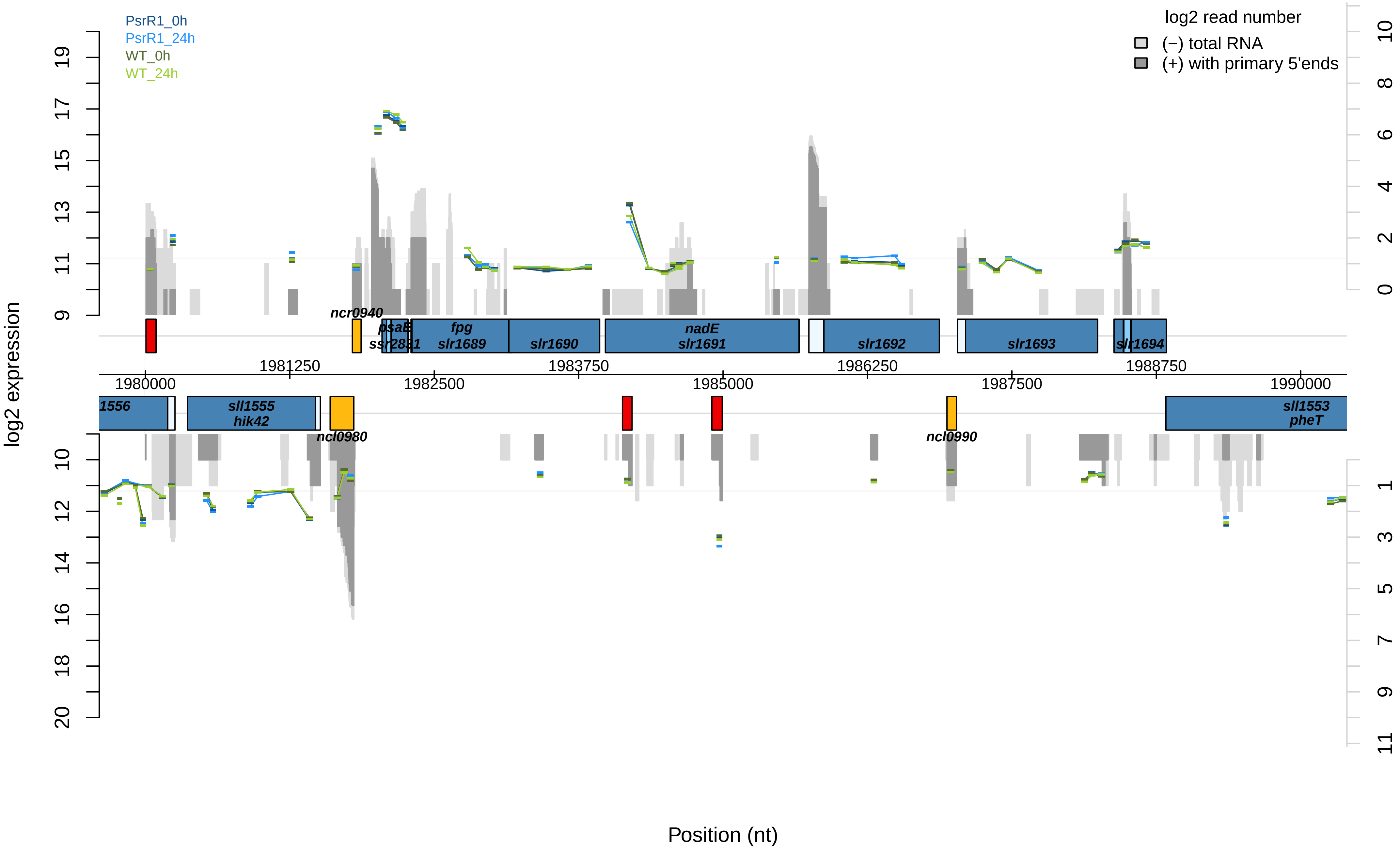
ssl3044
sll1558
sll1557
sucD
sll1556
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr0940
psaE
ssr2831
fpg
slr1689
slr1690
nadE
slr1691
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slr1693
slr1694
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hik42
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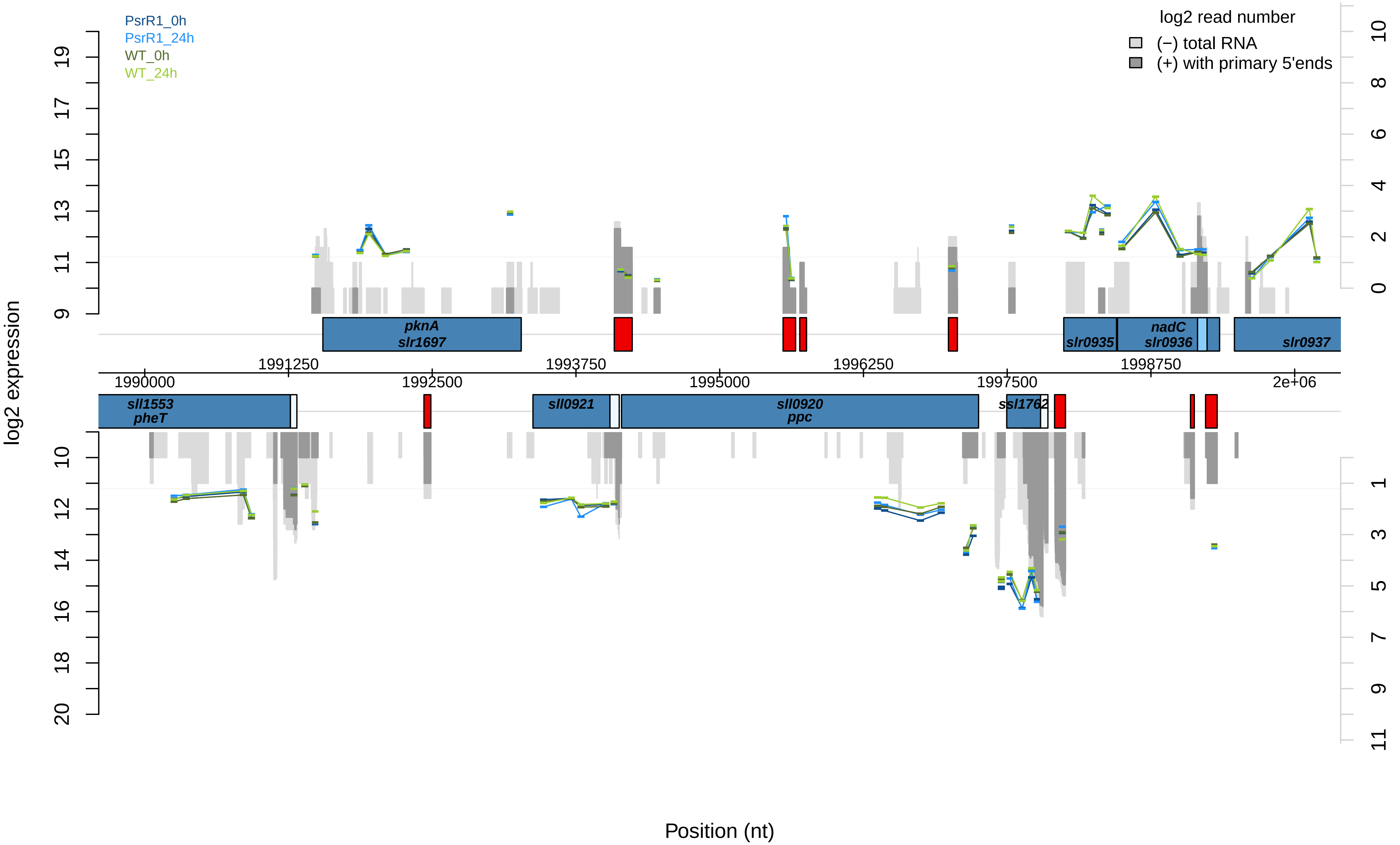
ncl0990
sll1553
pheT
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
pknA
slr1697
slr0935
nadC
slr0936
slr0937
sll1553
pheT
sll0921
sll0920
ppc
ssl1762
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1991250
1992500
1993750
1995000
1996250
1997500
1998750
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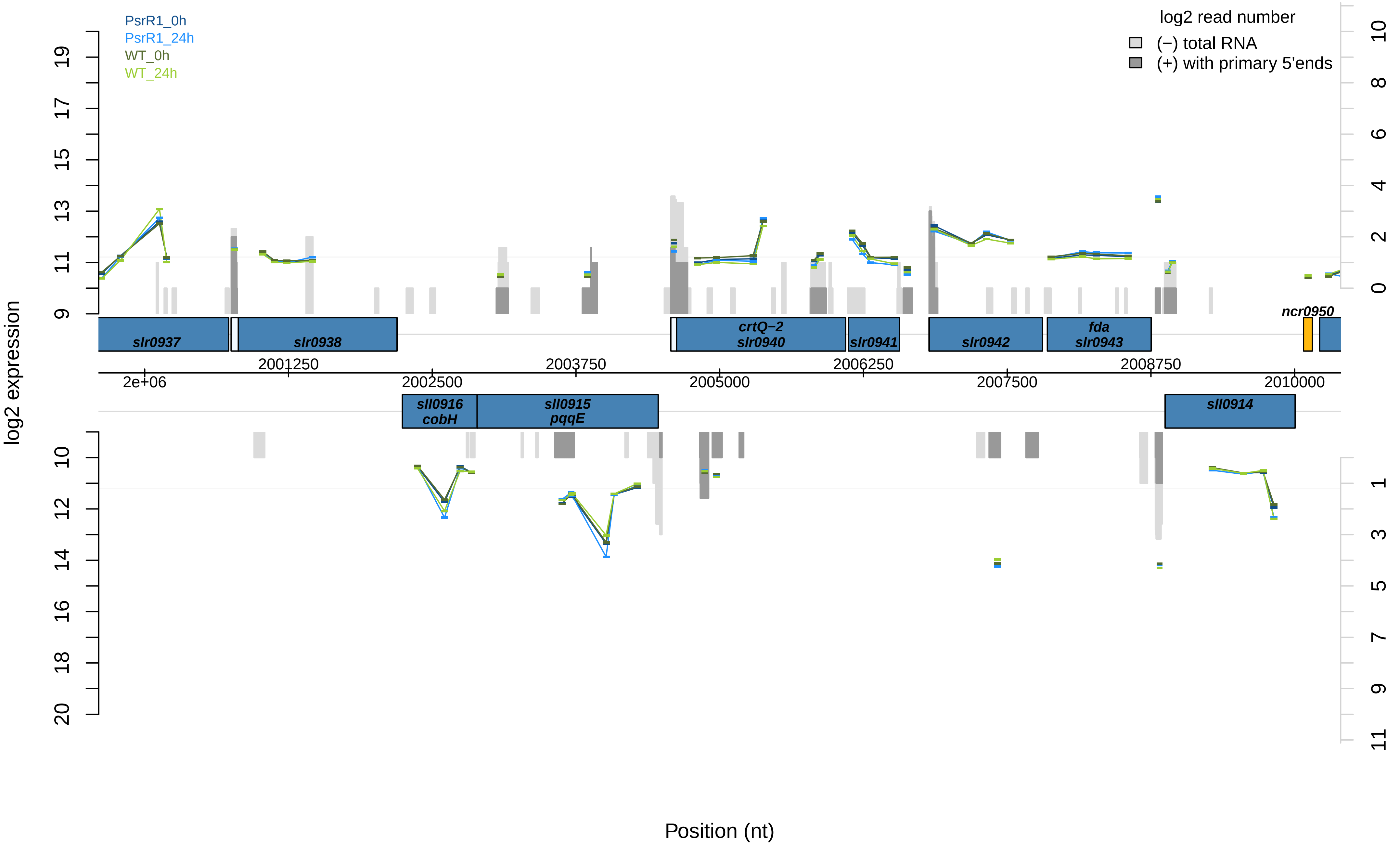
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
11
9
10
8
6
4
2
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slr0938
crtQ−2
slr0940
slr0941
slr0942
fda
slr0943
ncr0950
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2003750
2006250
2008750
2e+06
2002500
2005000
2007500
2010000
sll0916
cobH
sll0915
pqqE
sll0914
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3
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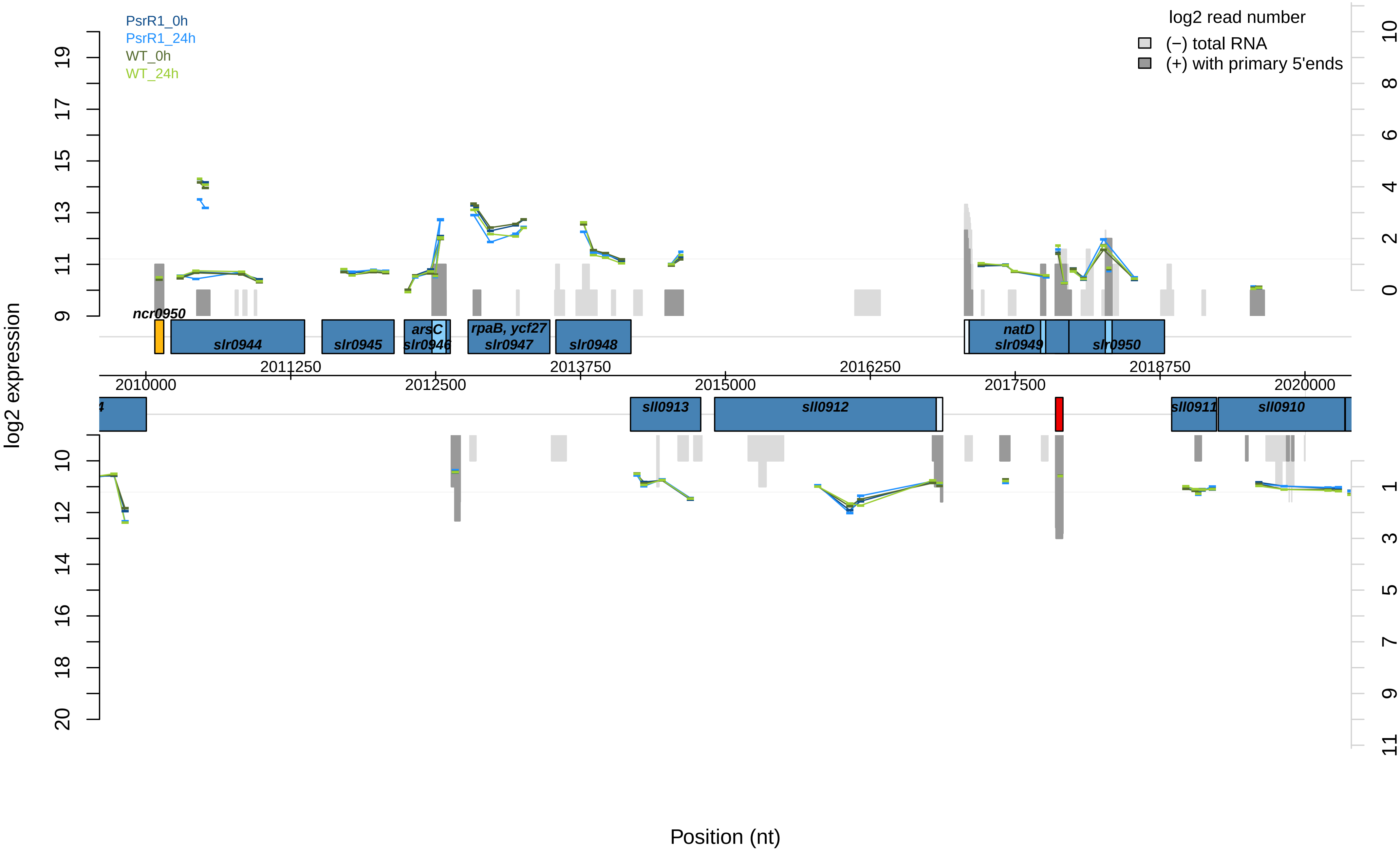
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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ncr0950
slr0944
slr0945
arsC
slr0946
rpaB, ycf27
slr0947
slr0948
natD
slr0949
slr0950
2010000
2011250
2012500
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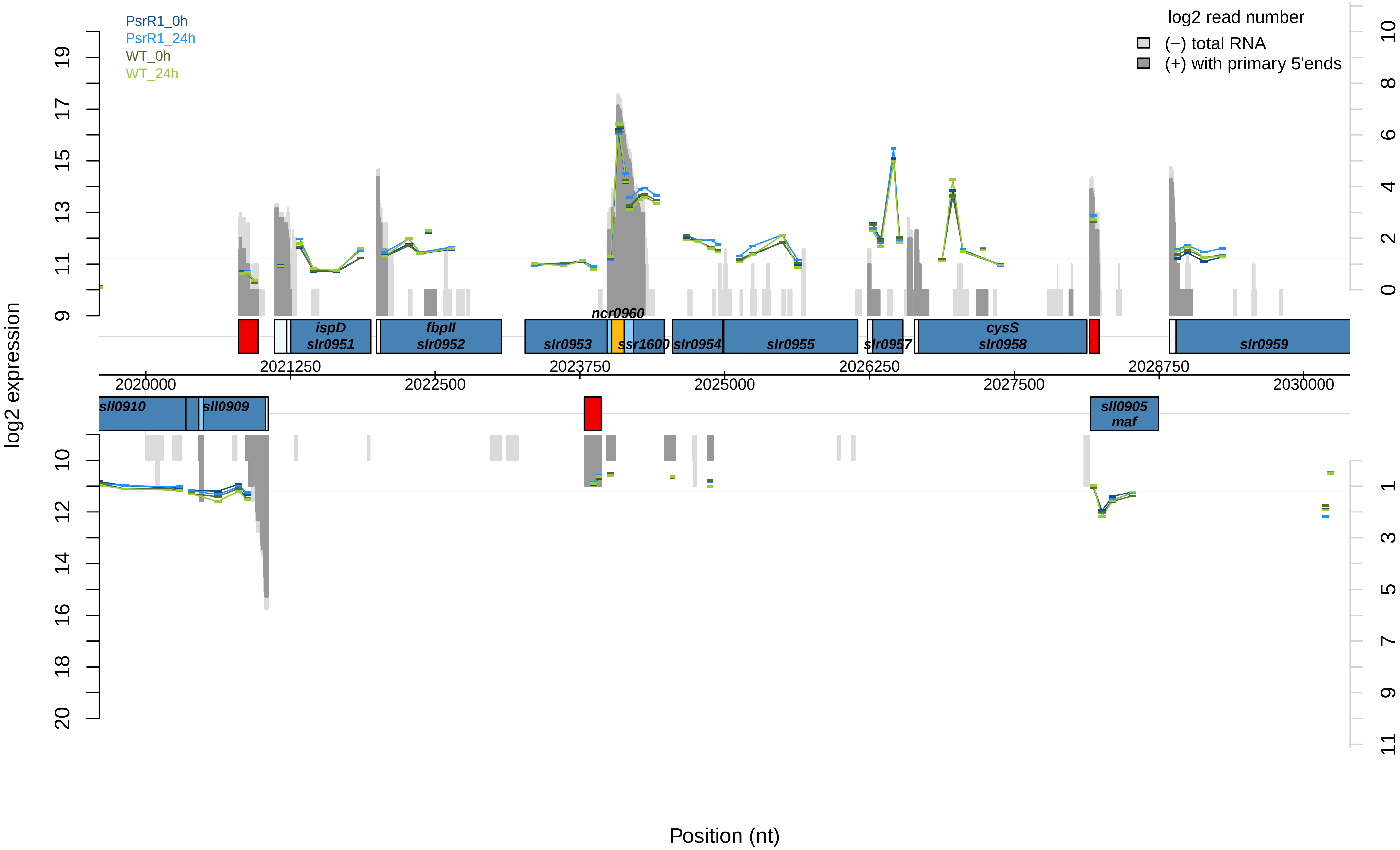
sll0910
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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ncr0960
ispD
slr0951
fbpII
slr0952
slr0953
ssr1600
slr0954
slr0955
slr0957
cysS
slr0958
slr0959
2021250
2023750
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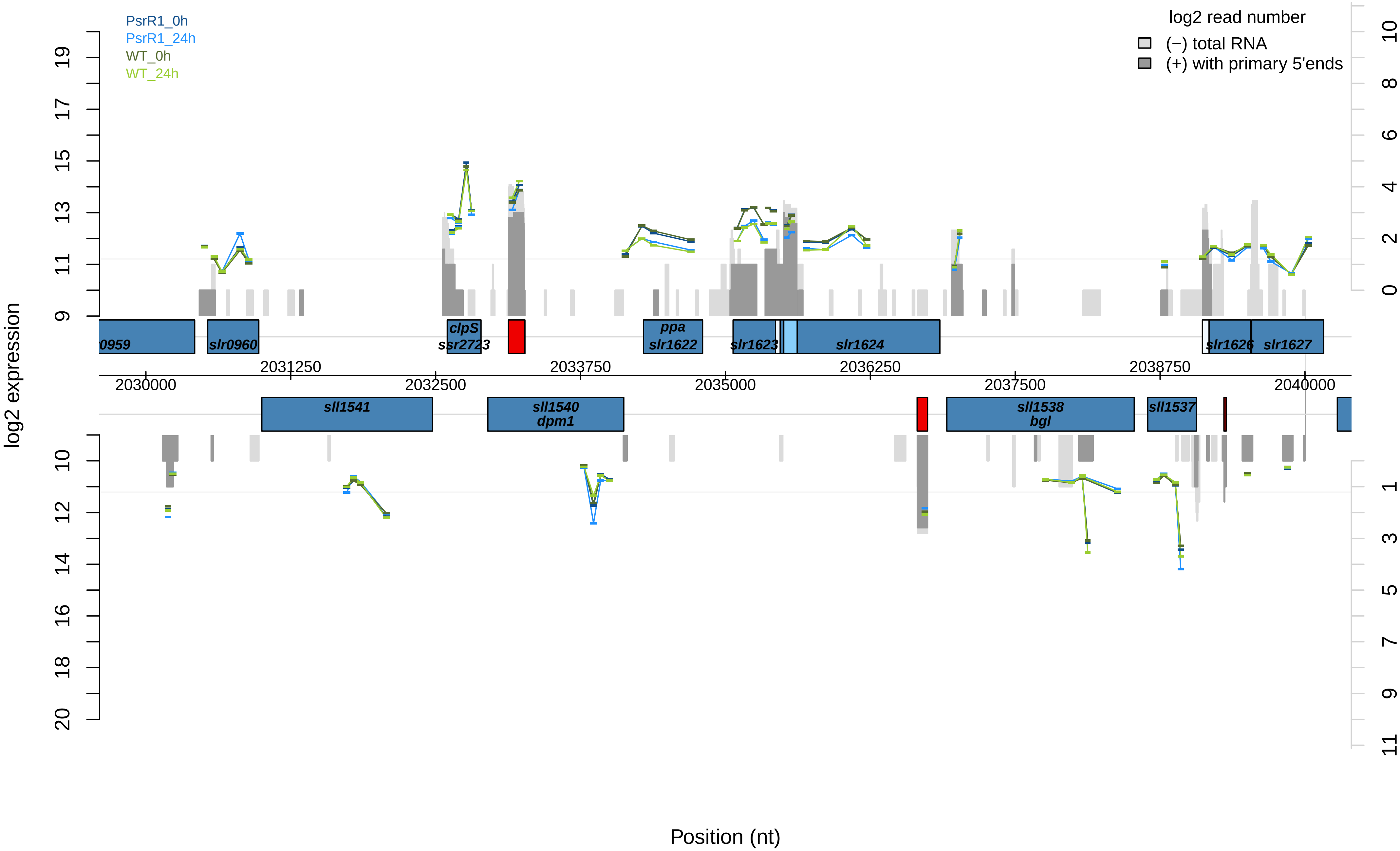
maf
Position (nt)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(−) total RNA
(+) with primary 5'ends
log2 expression
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0959
slr0960
clpS
ssr2723
ppa
slr1622
slr1623
slr1624
slr1626
slr1627
sll1541
sll1540
dpm1
sll1538
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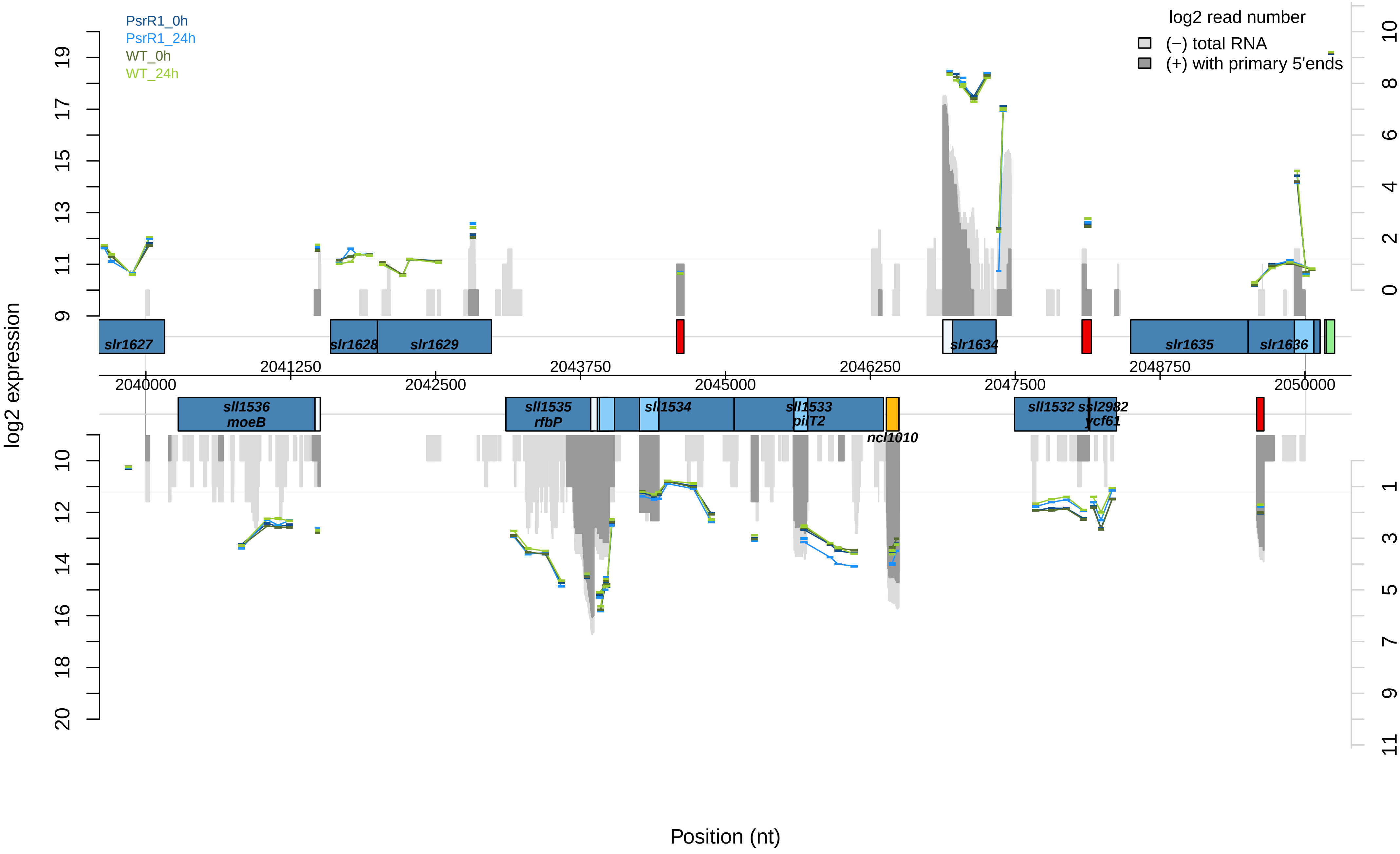
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
slr1627
slr1628
slr1629
slr1634
slr1635
slr1636
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2042500
2045000
2047500
2050000
sll1536
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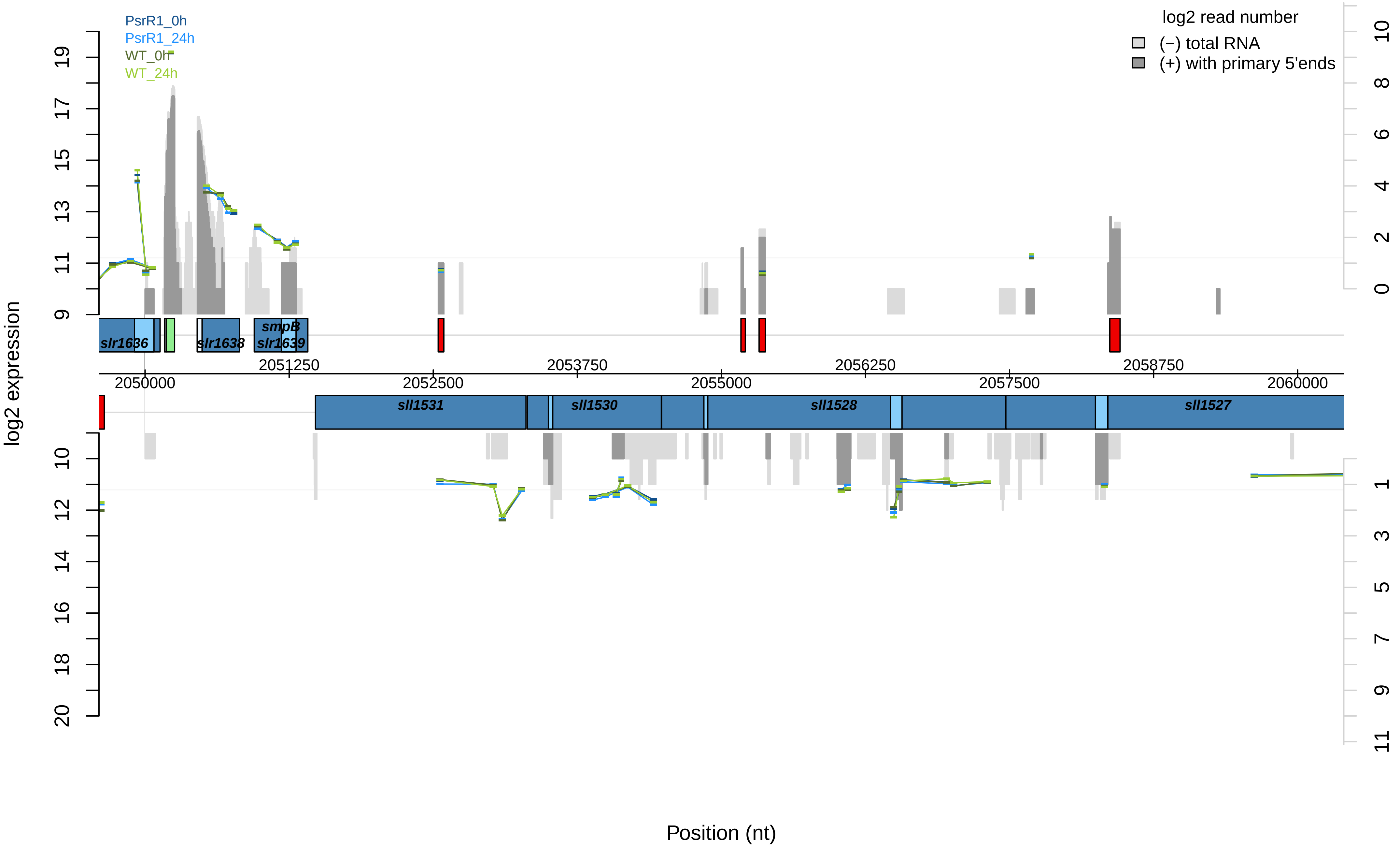
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(+) with primary 5'ends
log2 expression
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slr1638
smpB
slr1639
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2052500
2055000
2057500
2060000
sll1531
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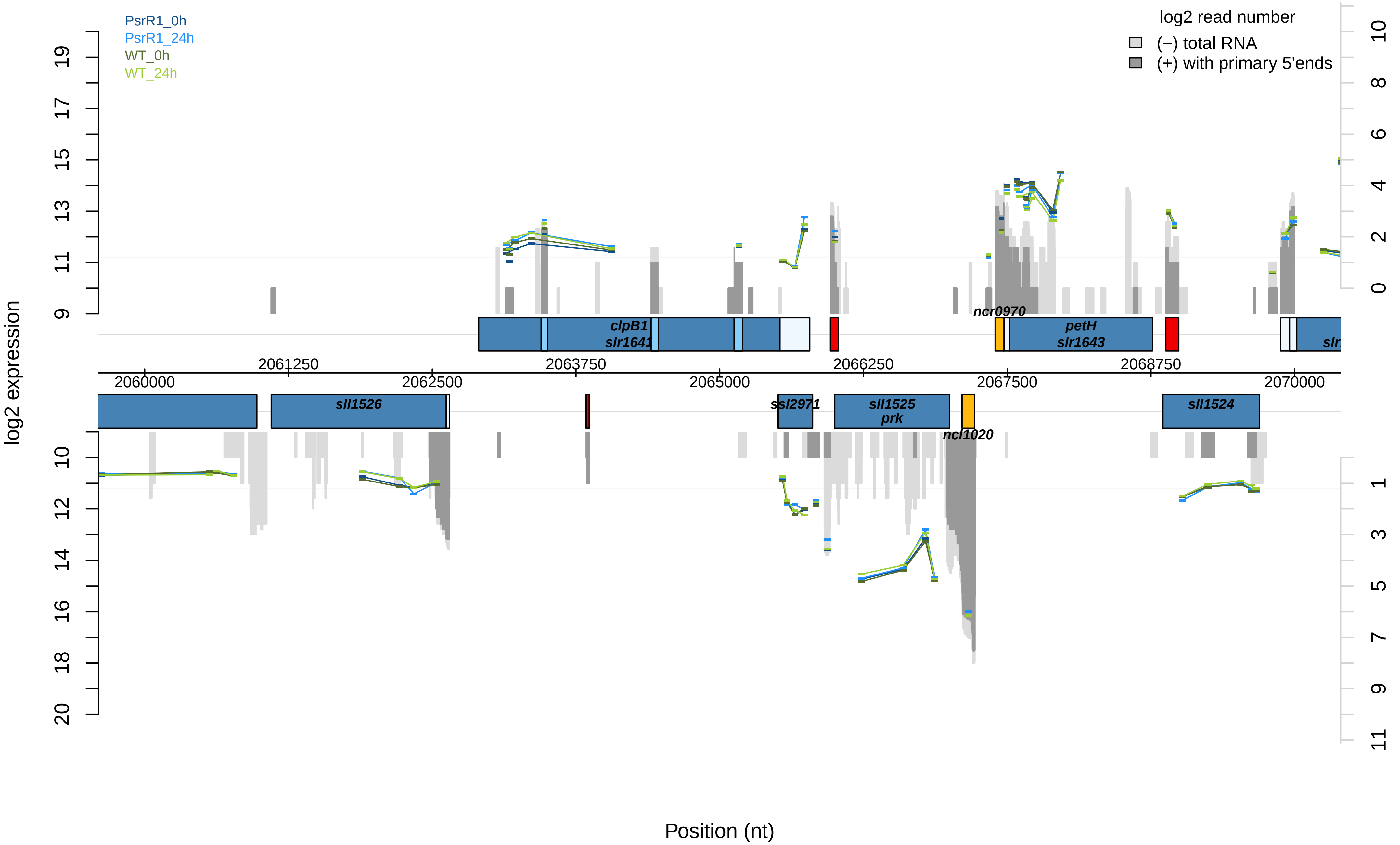
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
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2067500
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2070000
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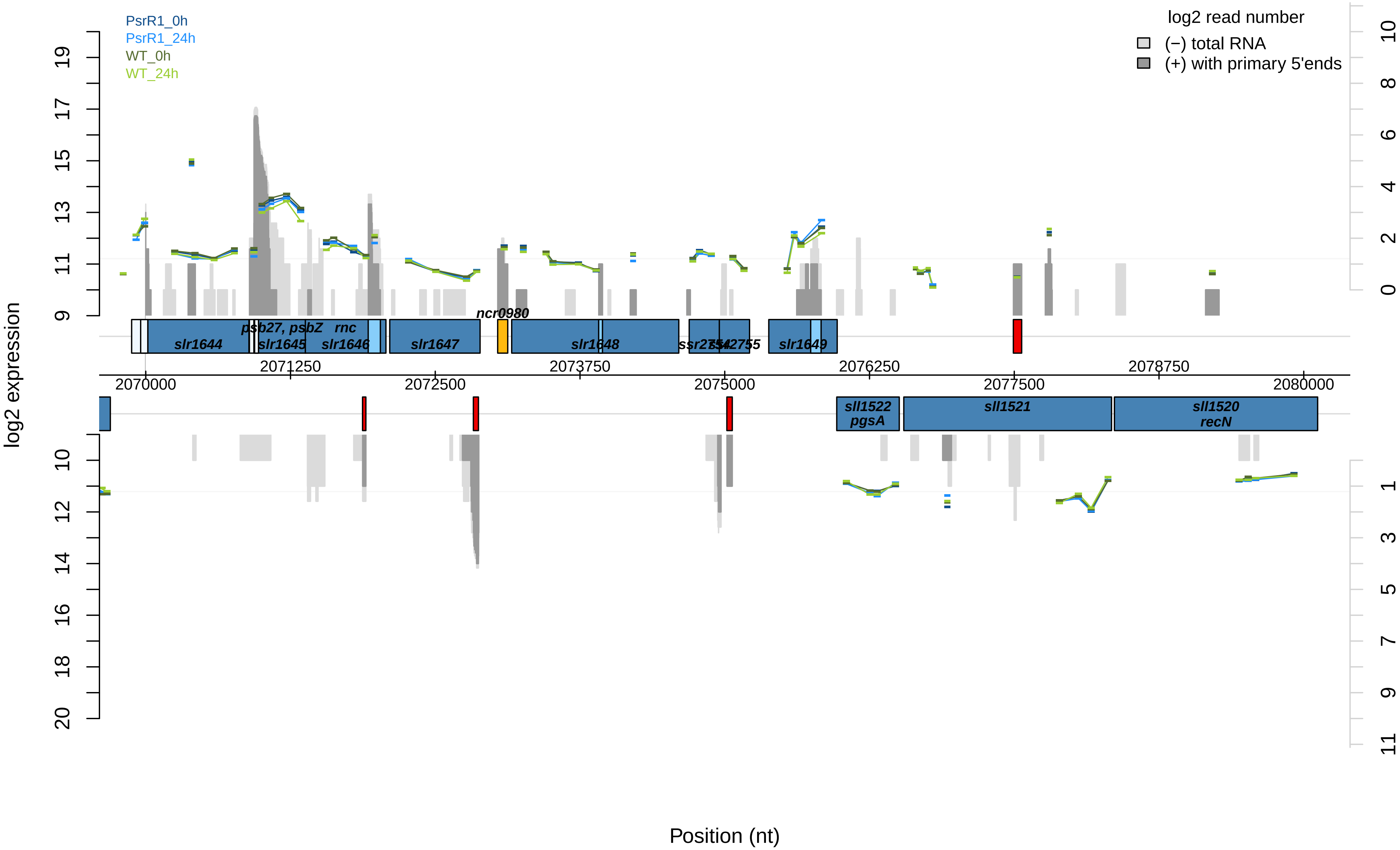
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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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rnc
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slr1646
slr1647
slr1648
ssr2754
ssr2755
slr1649
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sll1520
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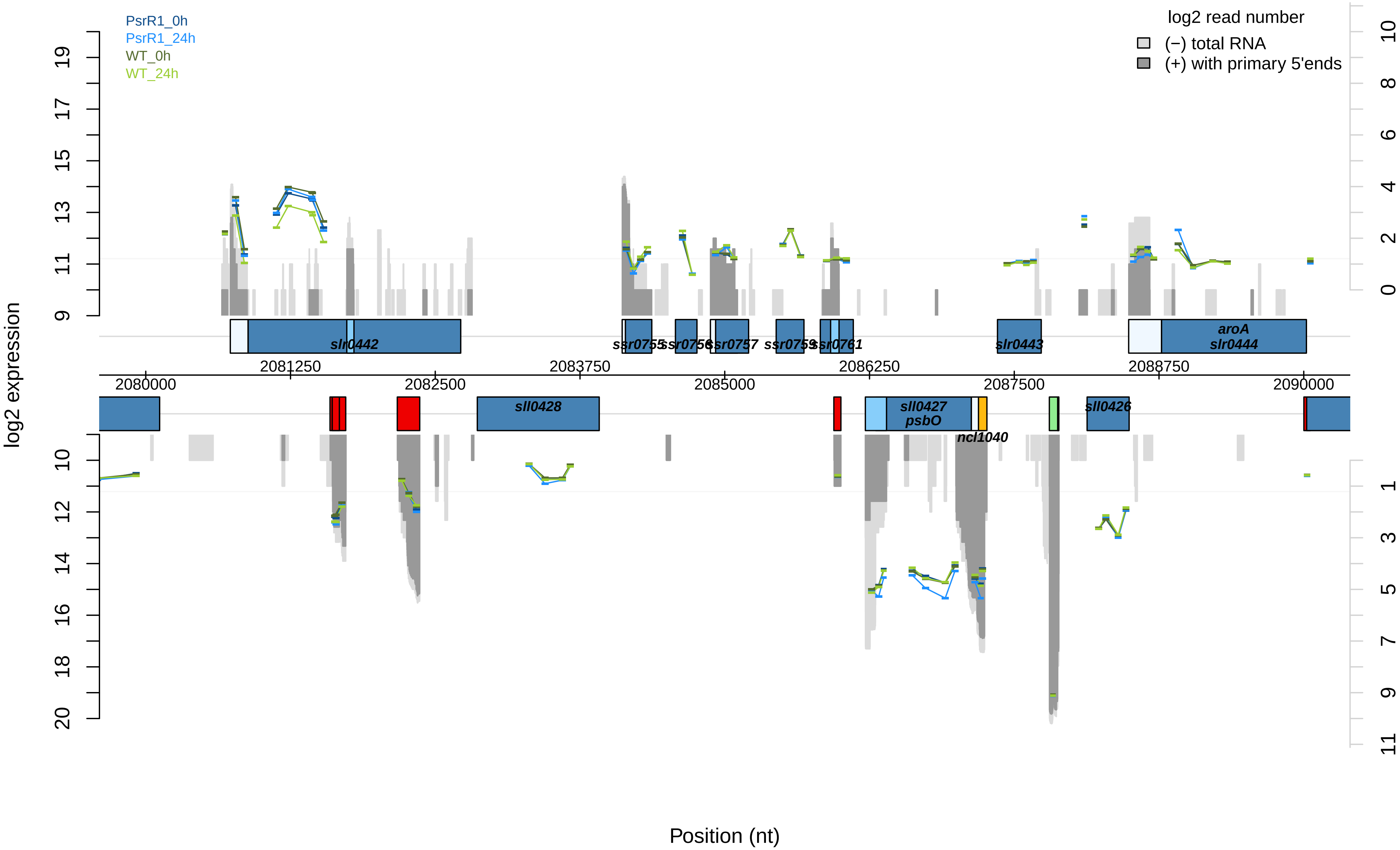
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(+) with primary 5'ends
log2 expression
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11
slr0442
ssr0755
ssr0756
ssr0757
ssr0759
ssr0761
slr0443
aroA
slr0444
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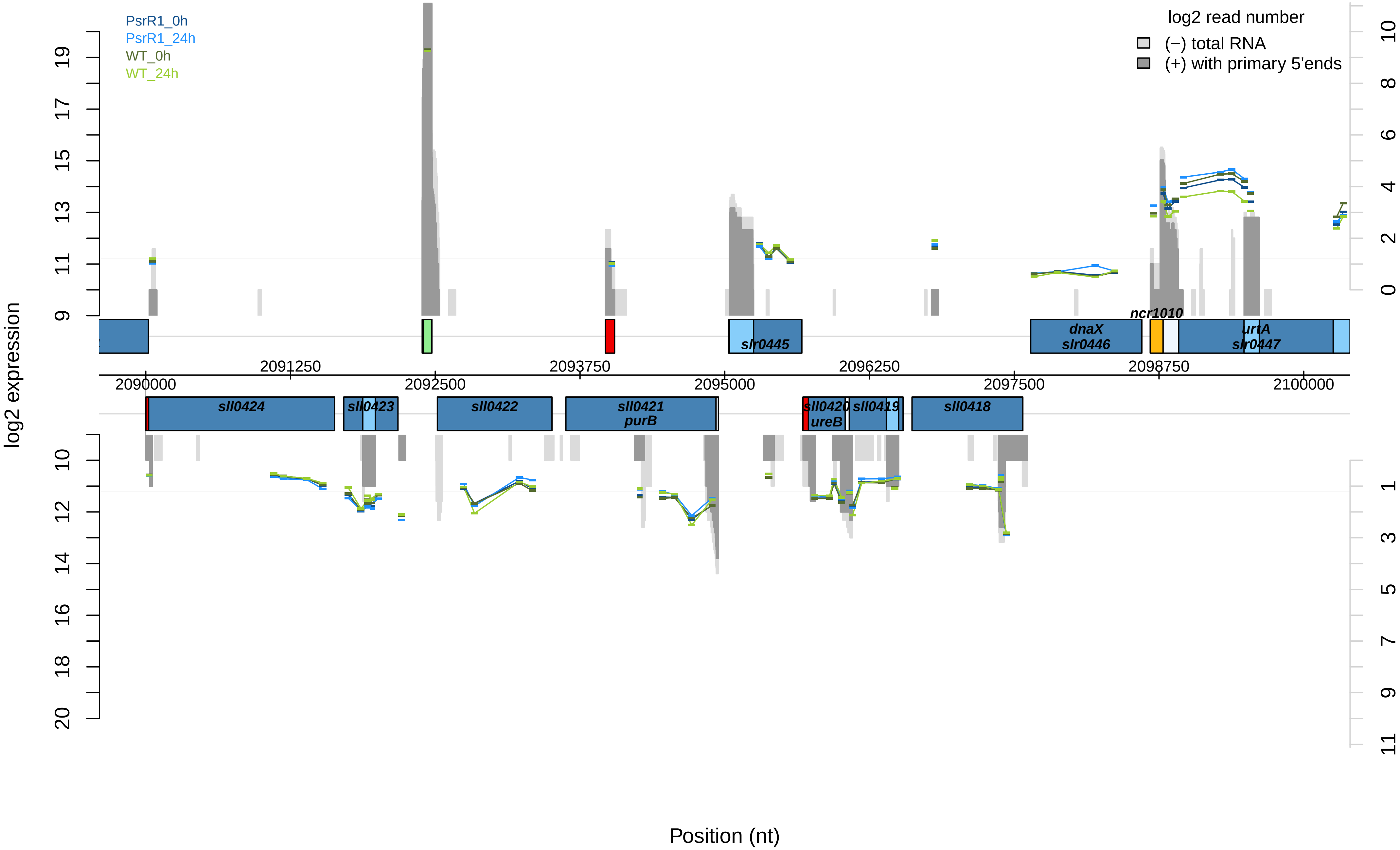
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
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■ (+) with primary 5'ends
log2 expression
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ncr1010
dnaX
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urtA
slr0447
slr0445
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sll0424
sll0423
sll0422
sll0421
purB
sll0420
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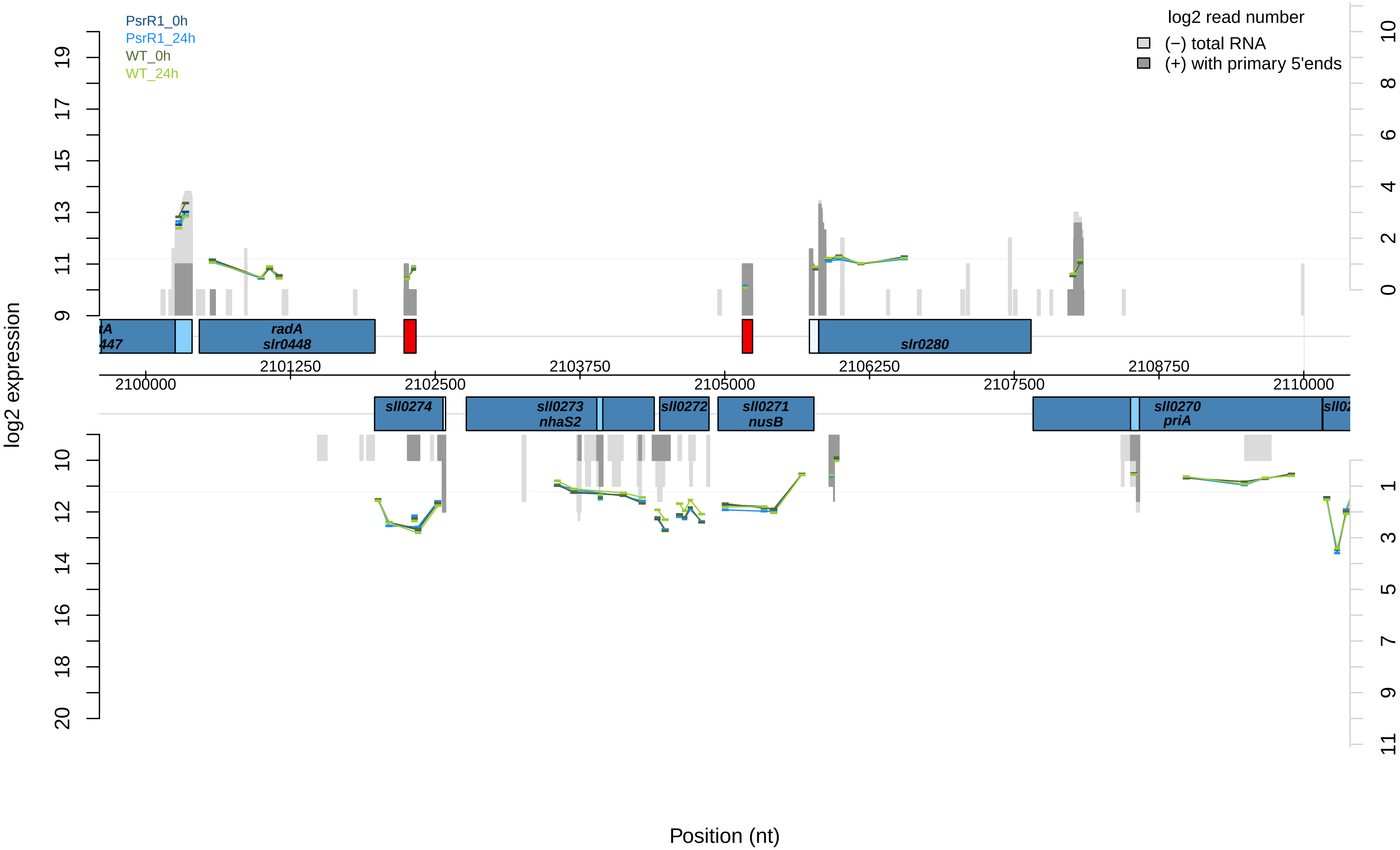
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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2107500
2108750
2110000
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sll0273
nhaS2
sll0272
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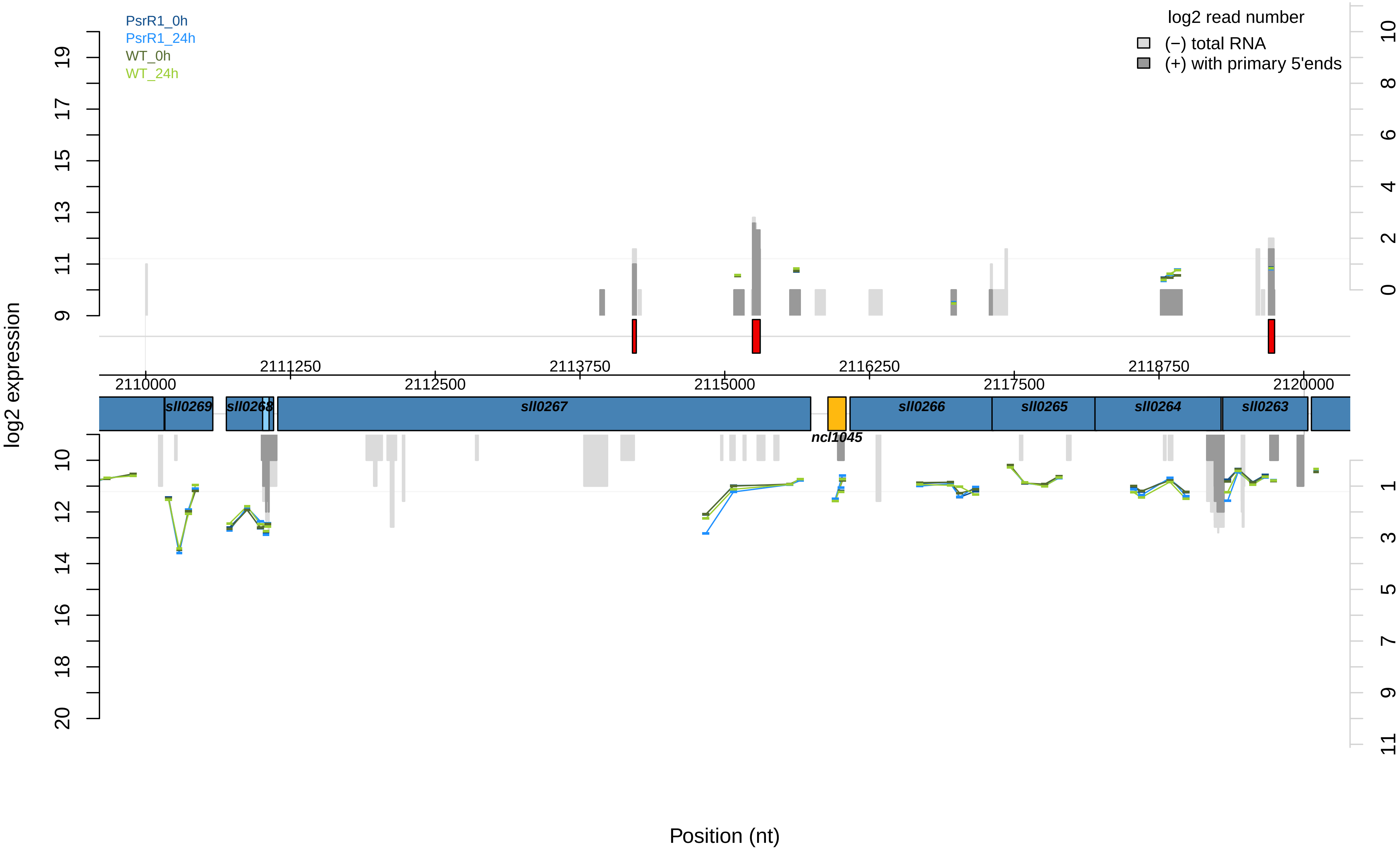
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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2113750
2115000
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2117500
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sll0265
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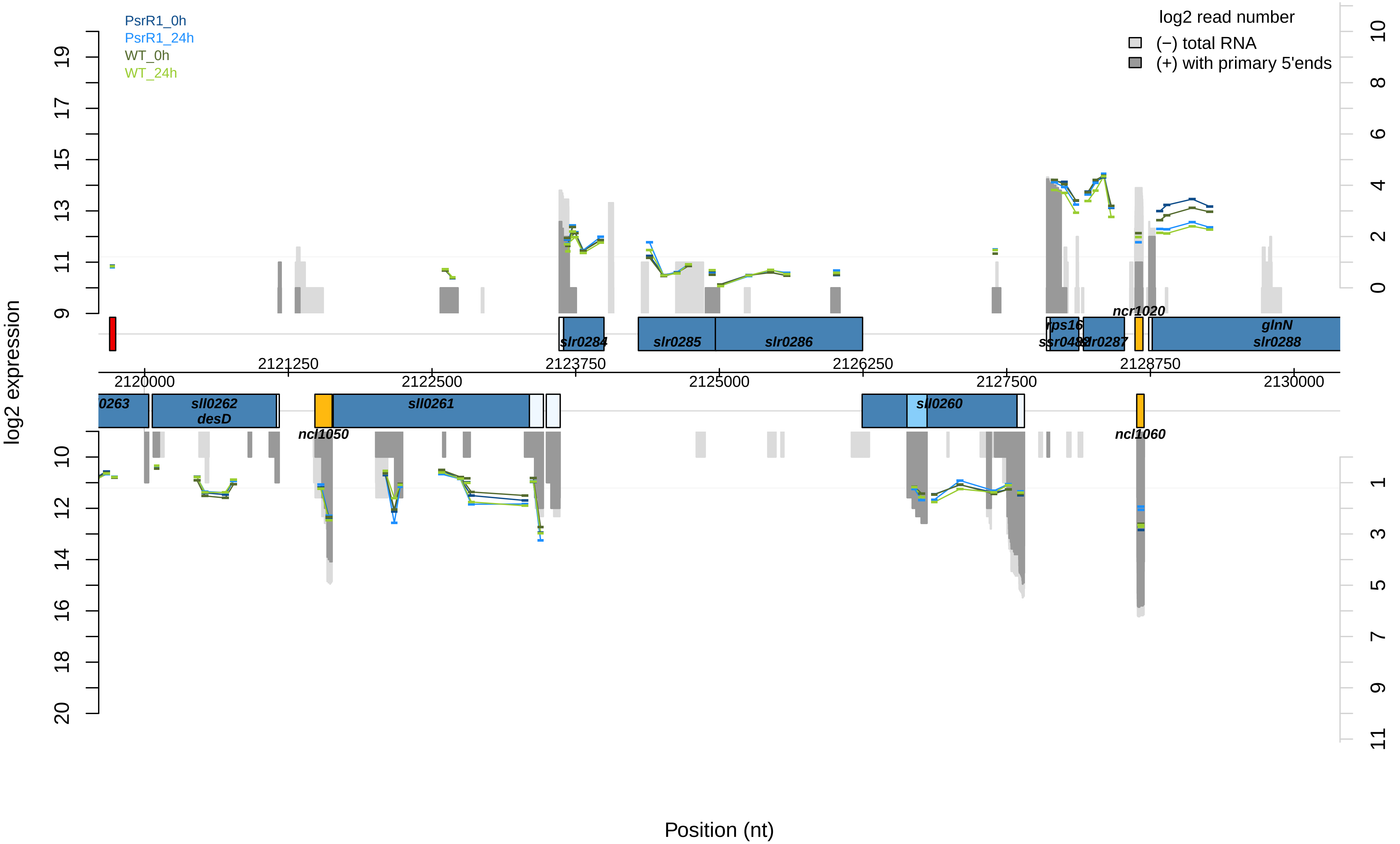
Position (nt)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PsrR1_24h
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(+) with primary 5'ends
log2 expression
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11
slr0284
slr0285
slr0286
rps16
ssr0482
slr0287
ncr1020
glnN
slr0288
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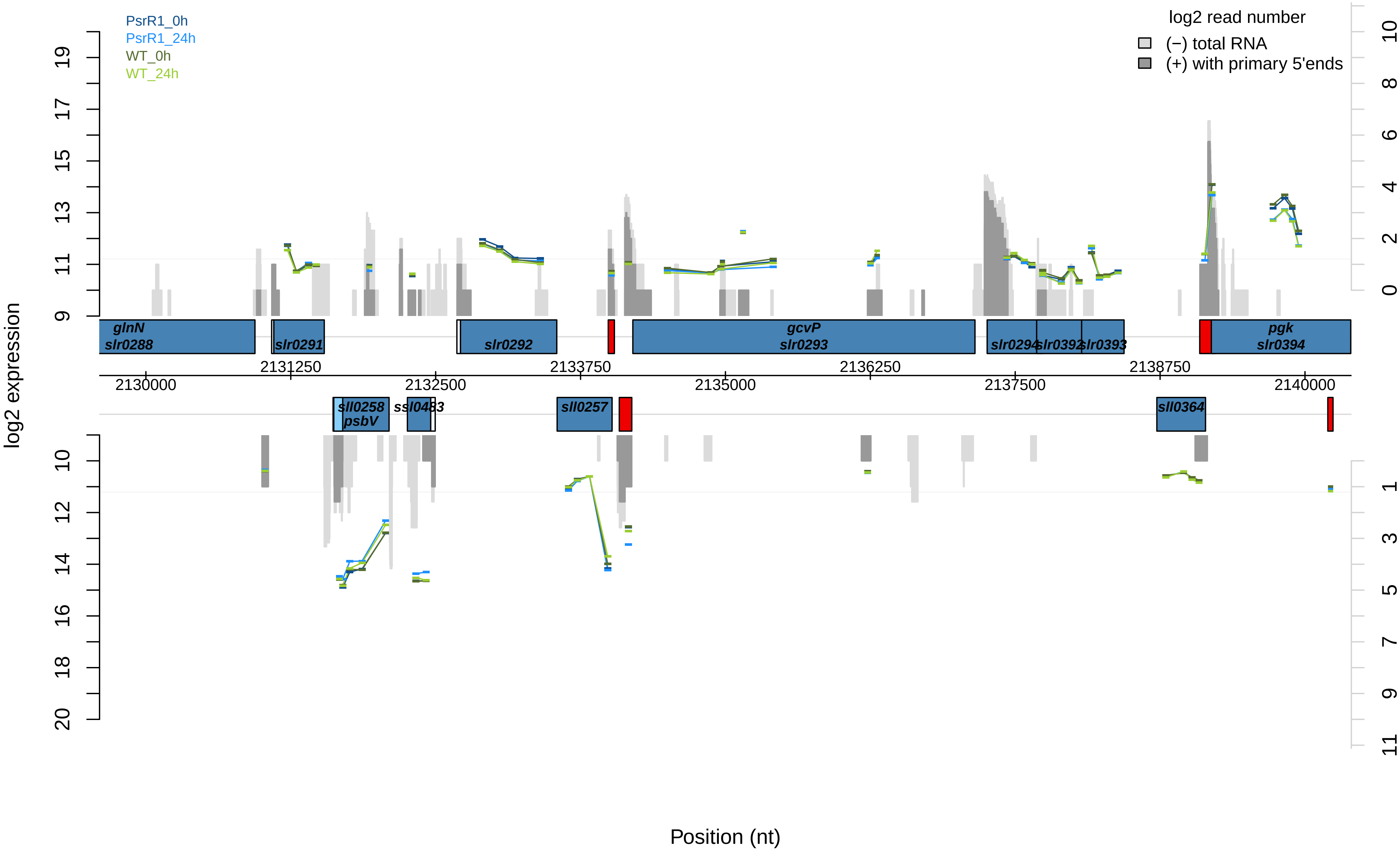
Position (nt)


PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
glnN
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slr0291
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gcvP
slr0293
slr0294
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pgk
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psbV
ssl0483
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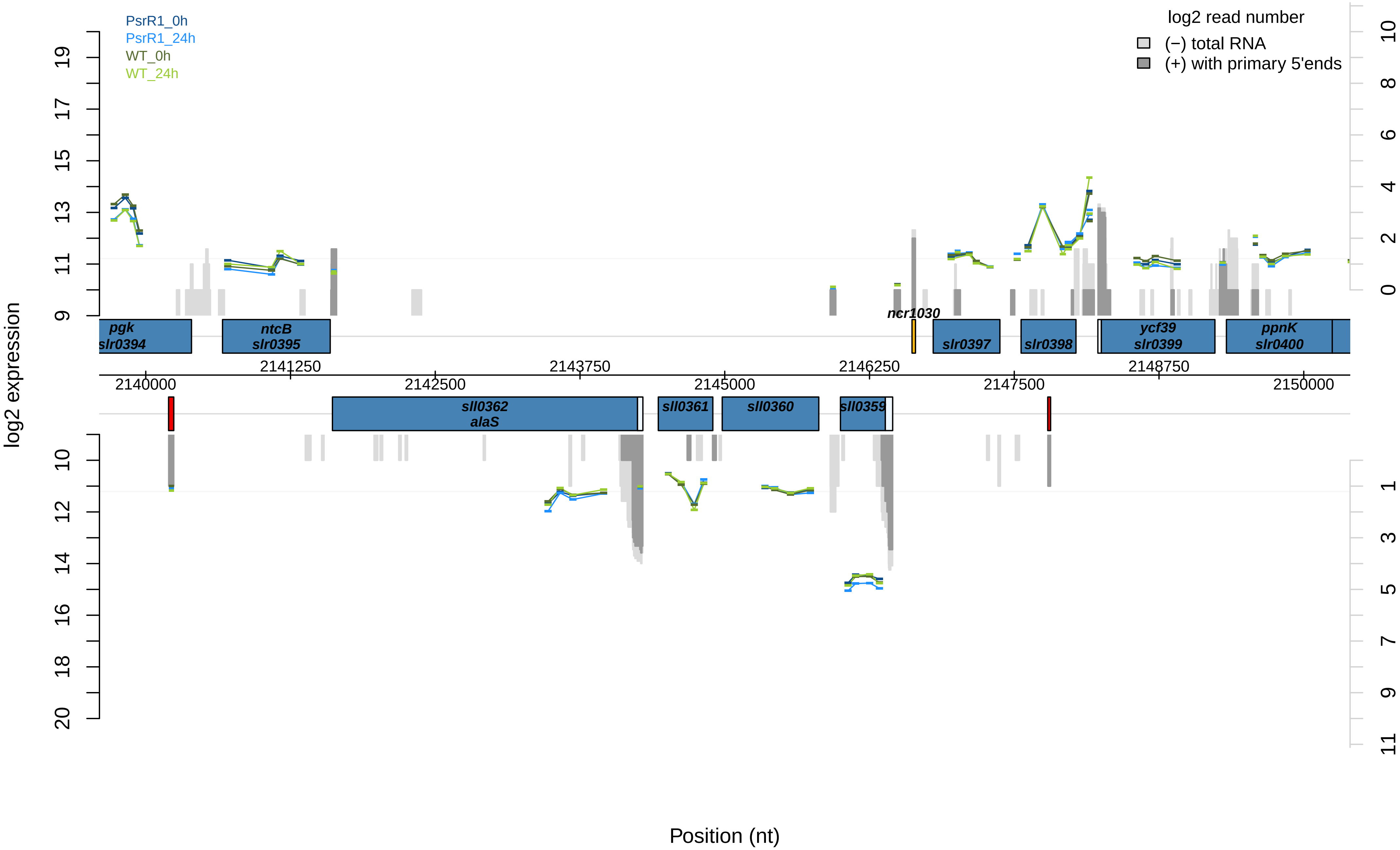
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
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▨ (+) with primary 5'ends
log2 expression
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ppnK
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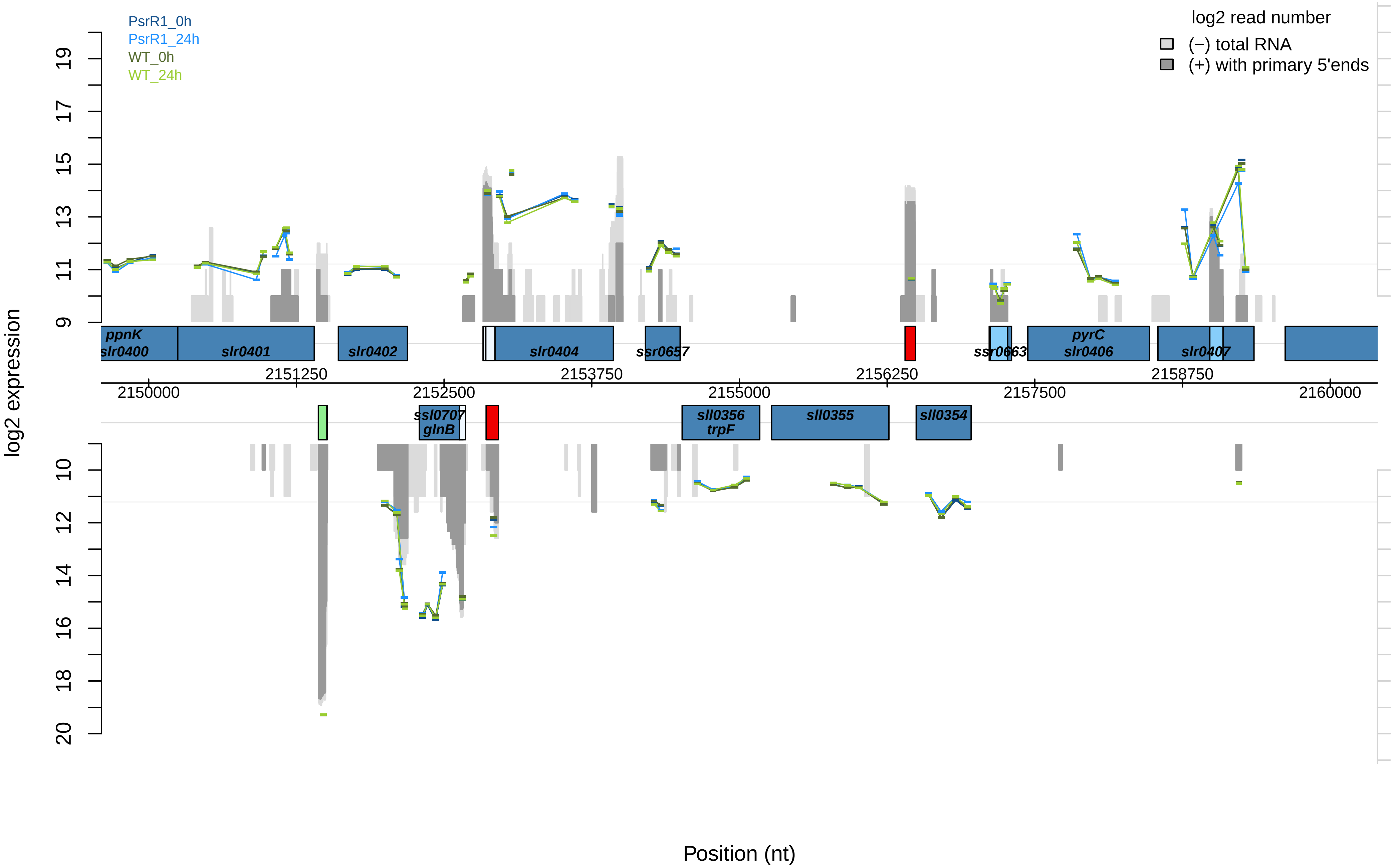
Position (nt)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PsrR1_24h
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(+) with primary 5'ends
log2 expression
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slr0404
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ssr0663
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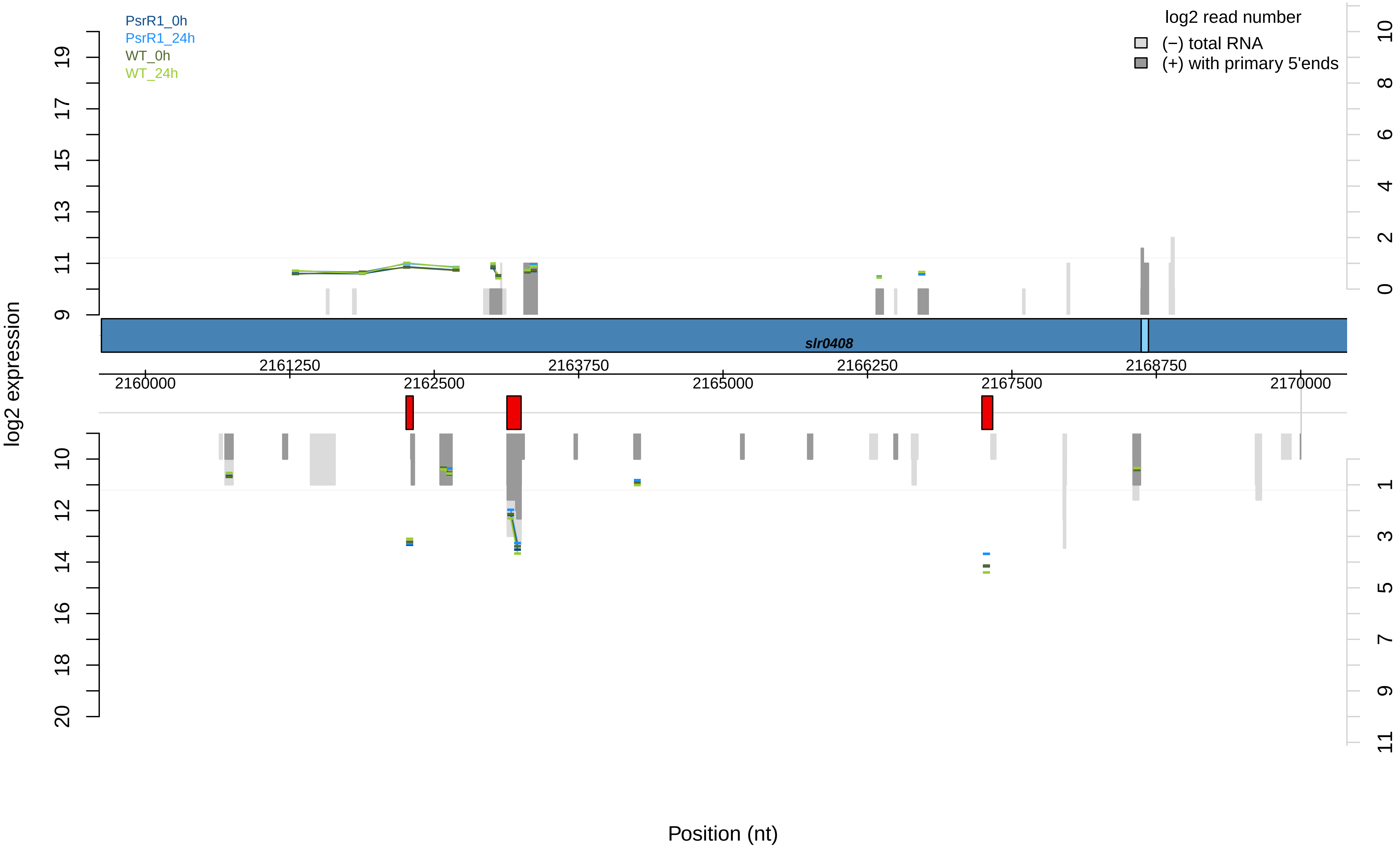
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(+) with primary 5'ends
log2 expression
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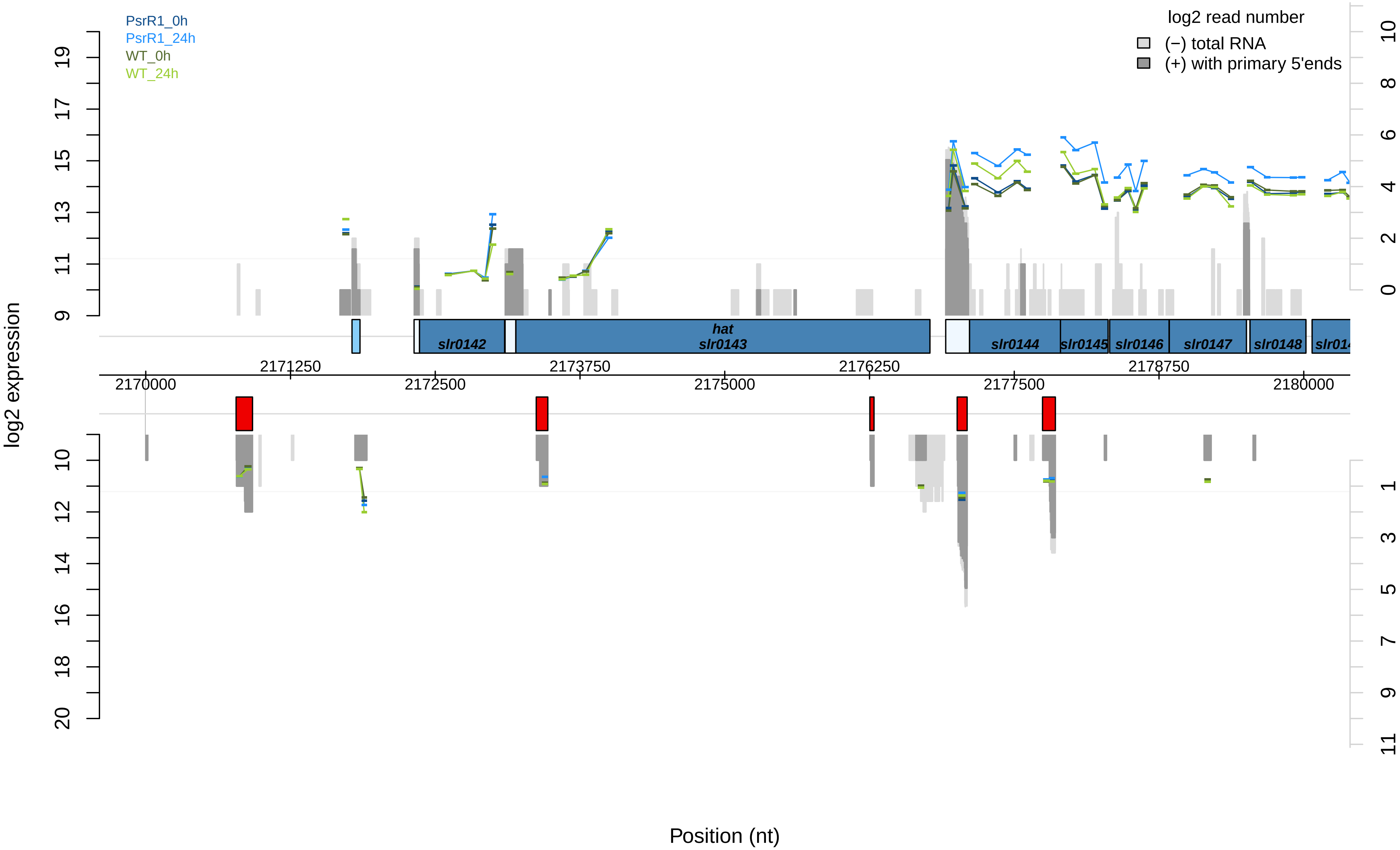
Position (nt)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log2 expression
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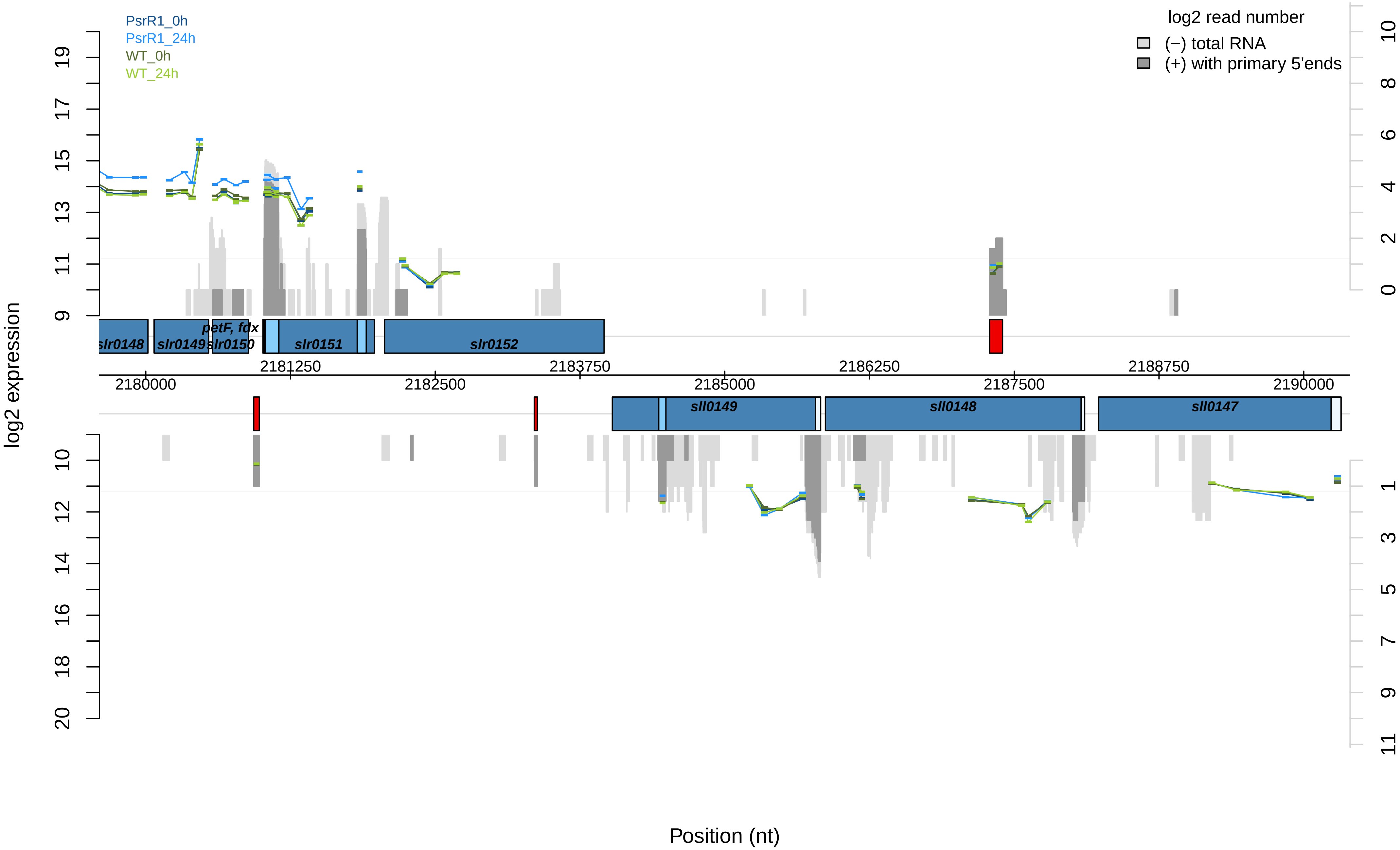
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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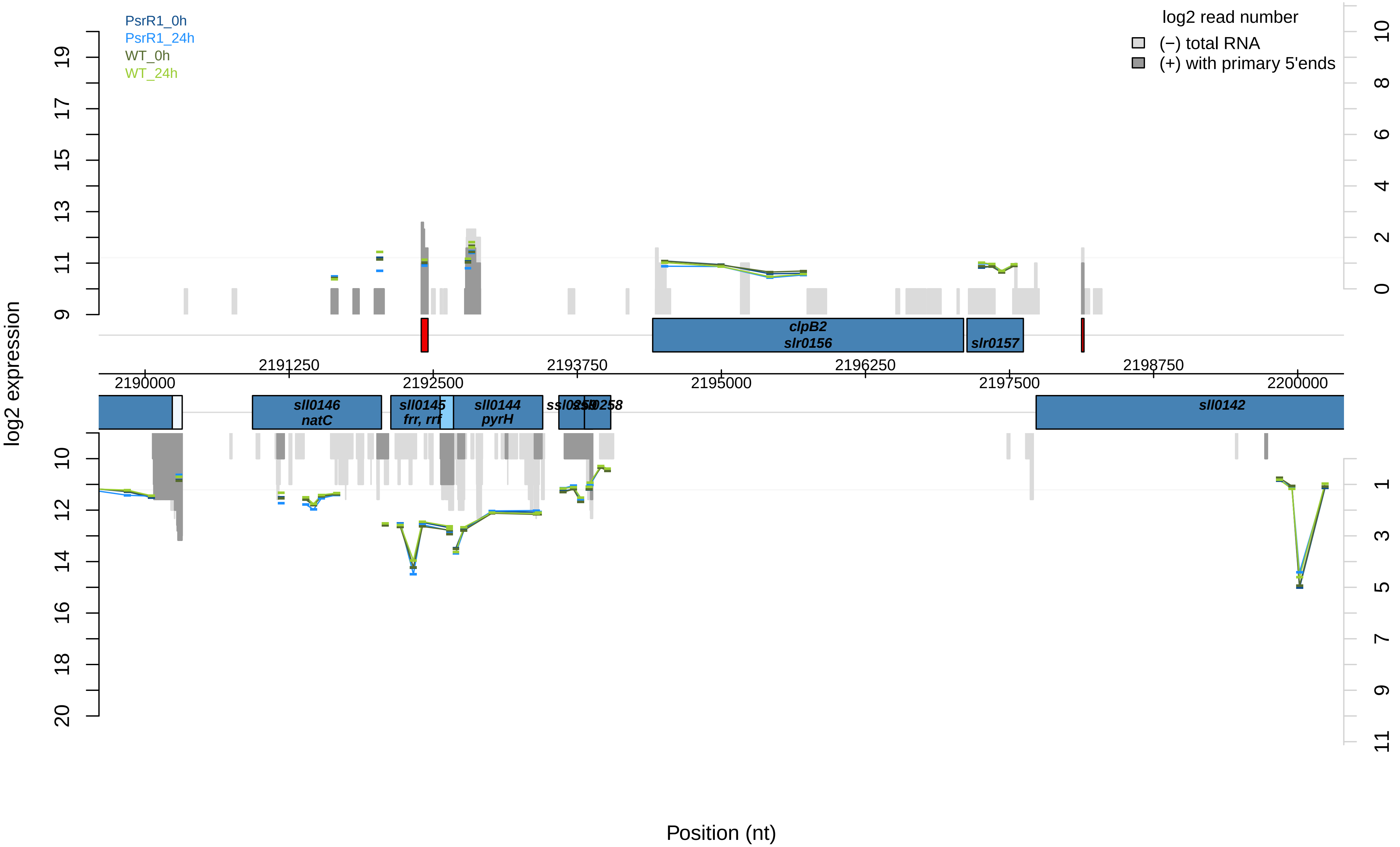
9
11
Position (nt)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(+) with primary 5'ends
log2 expression
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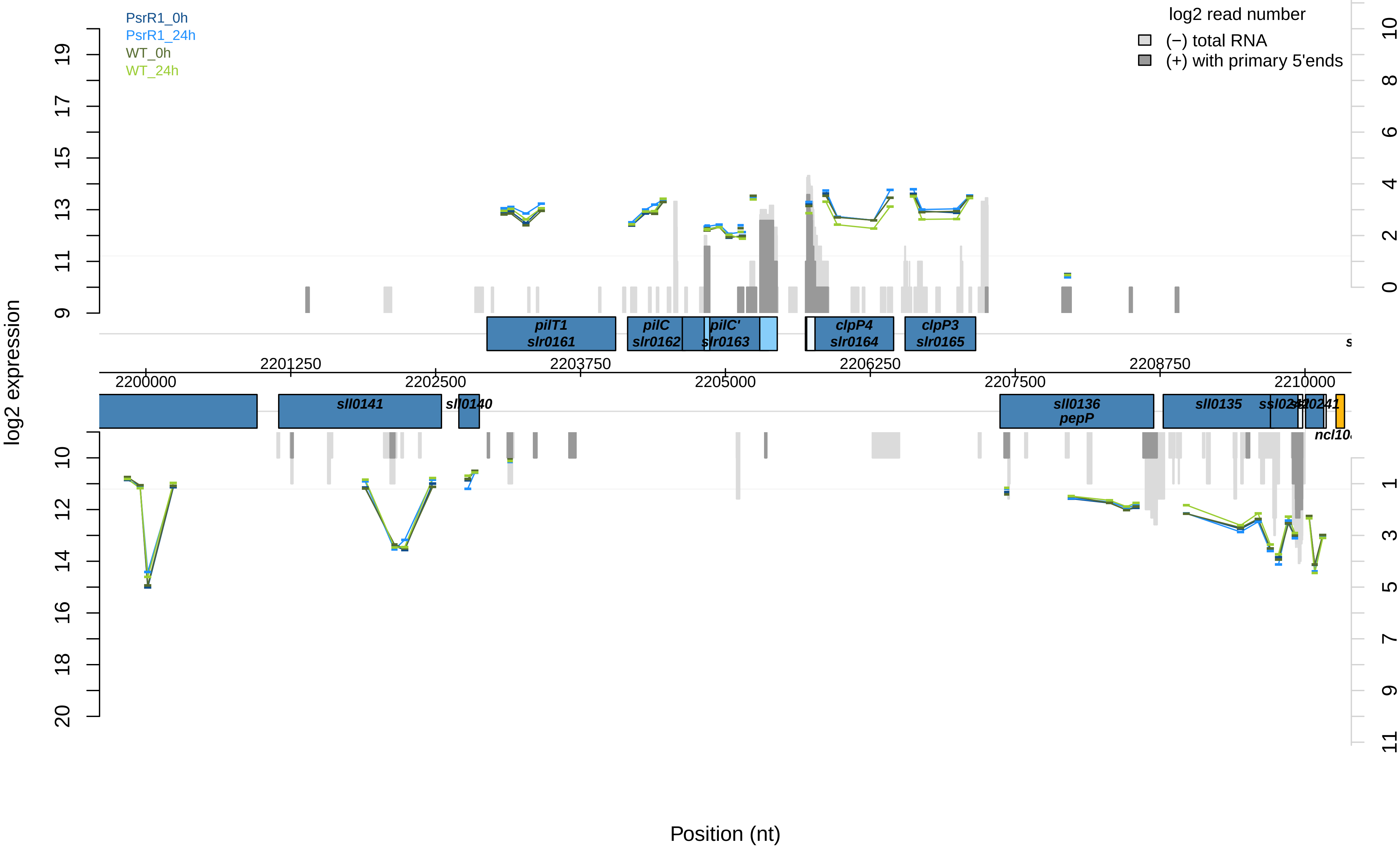
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(+) with primary 5'ends
log2 expression
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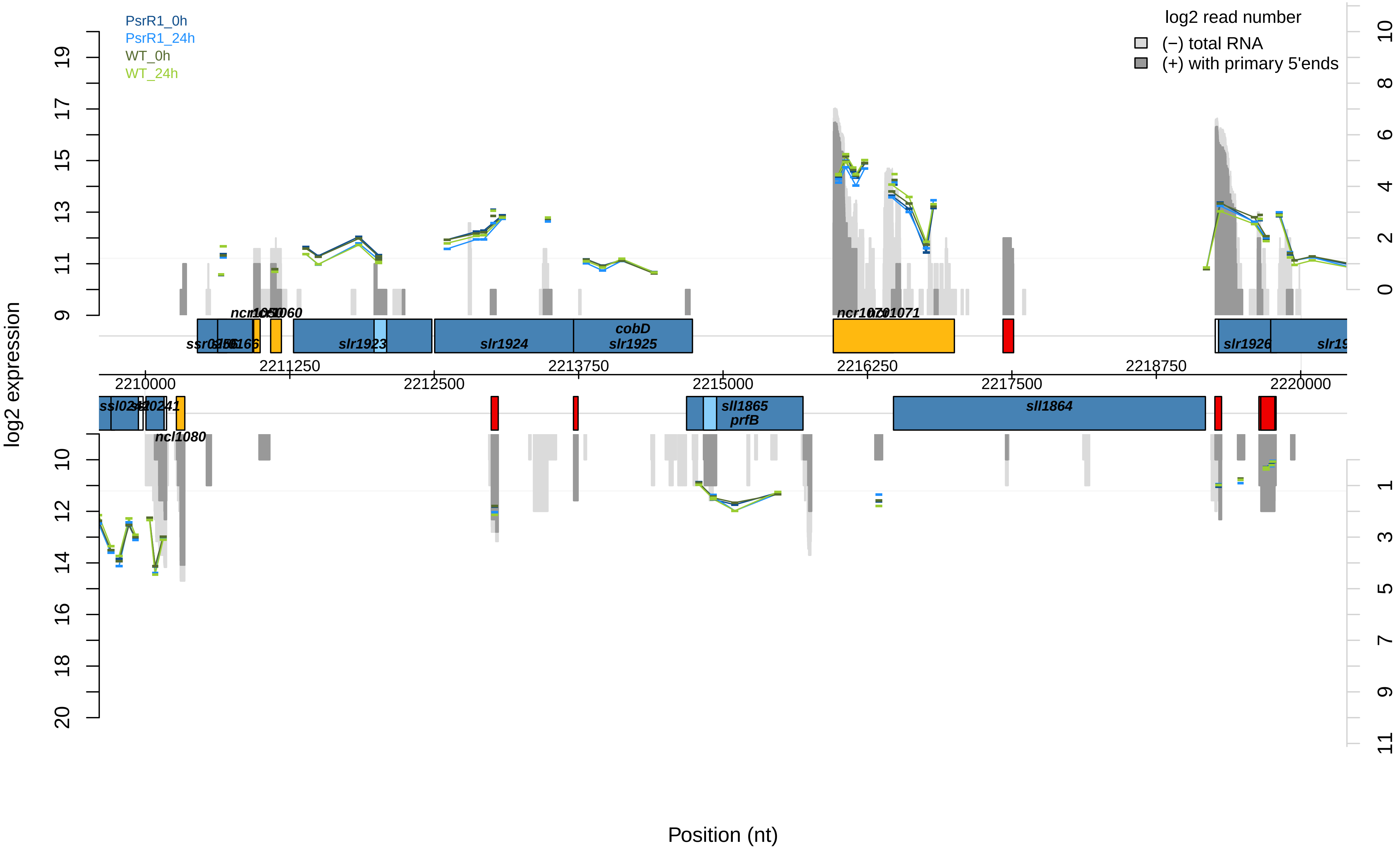
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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ncr1060
ncr1070
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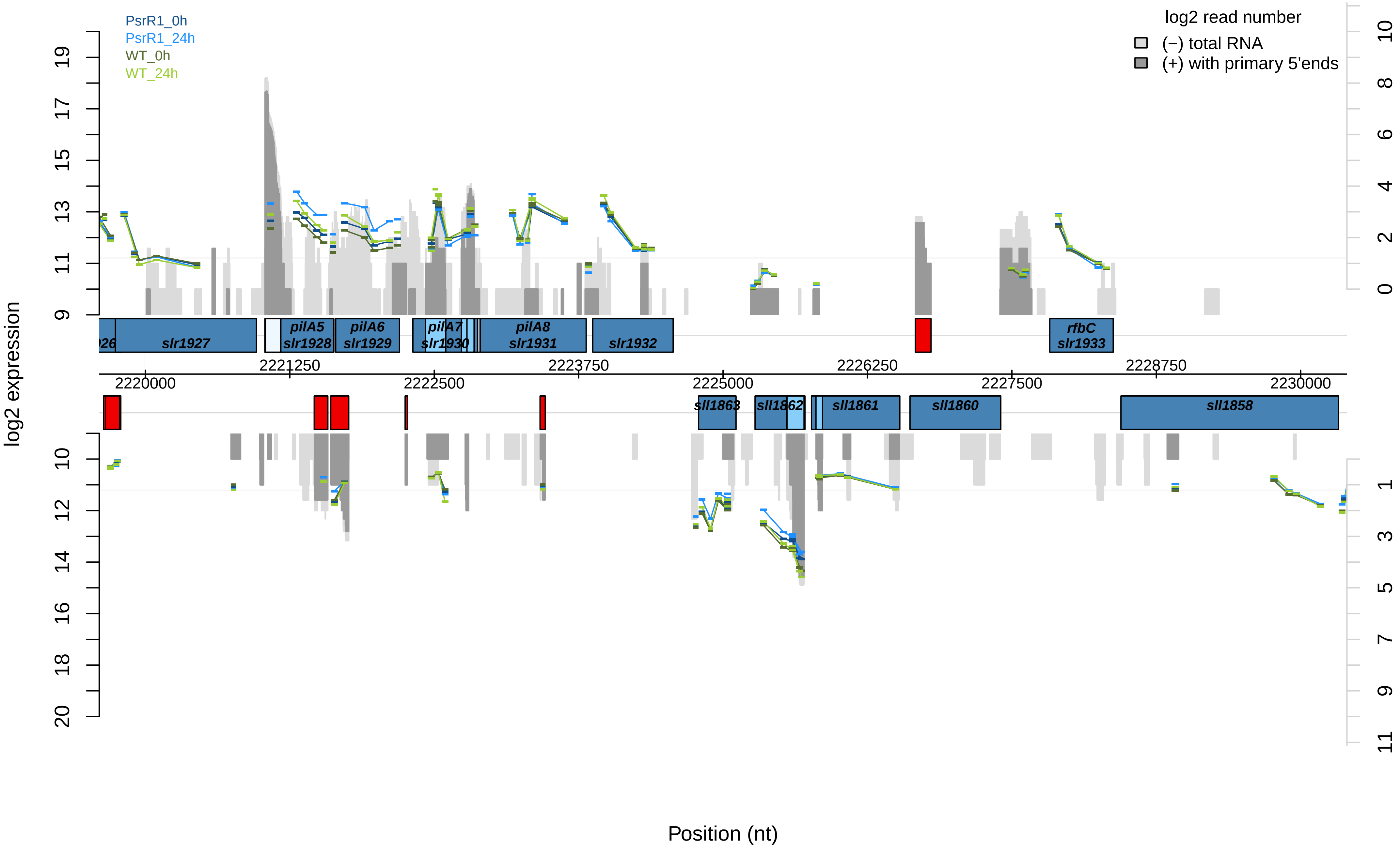
Position (nt)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WT_24h
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(+) with primary 5'ends
log2 expression
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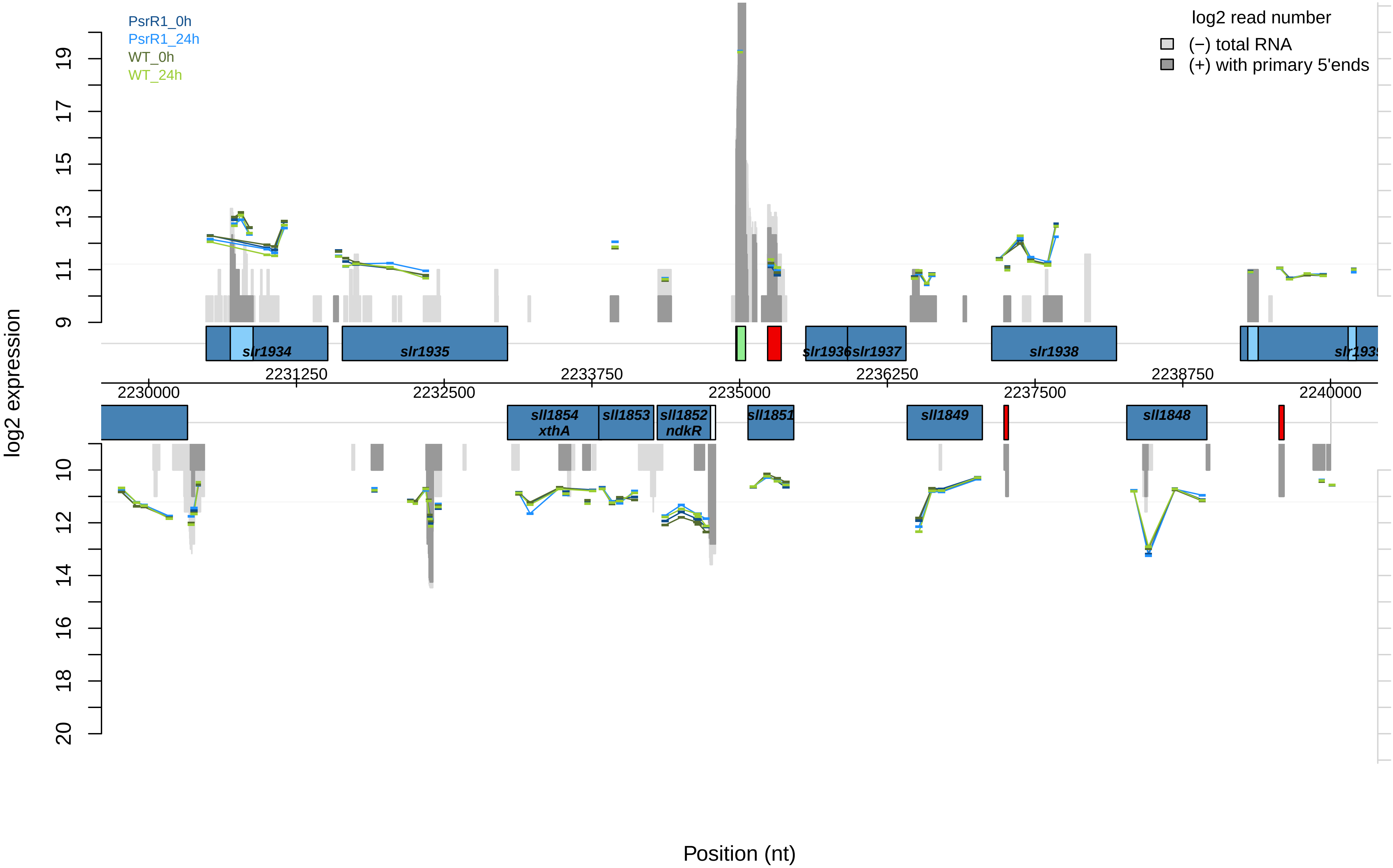
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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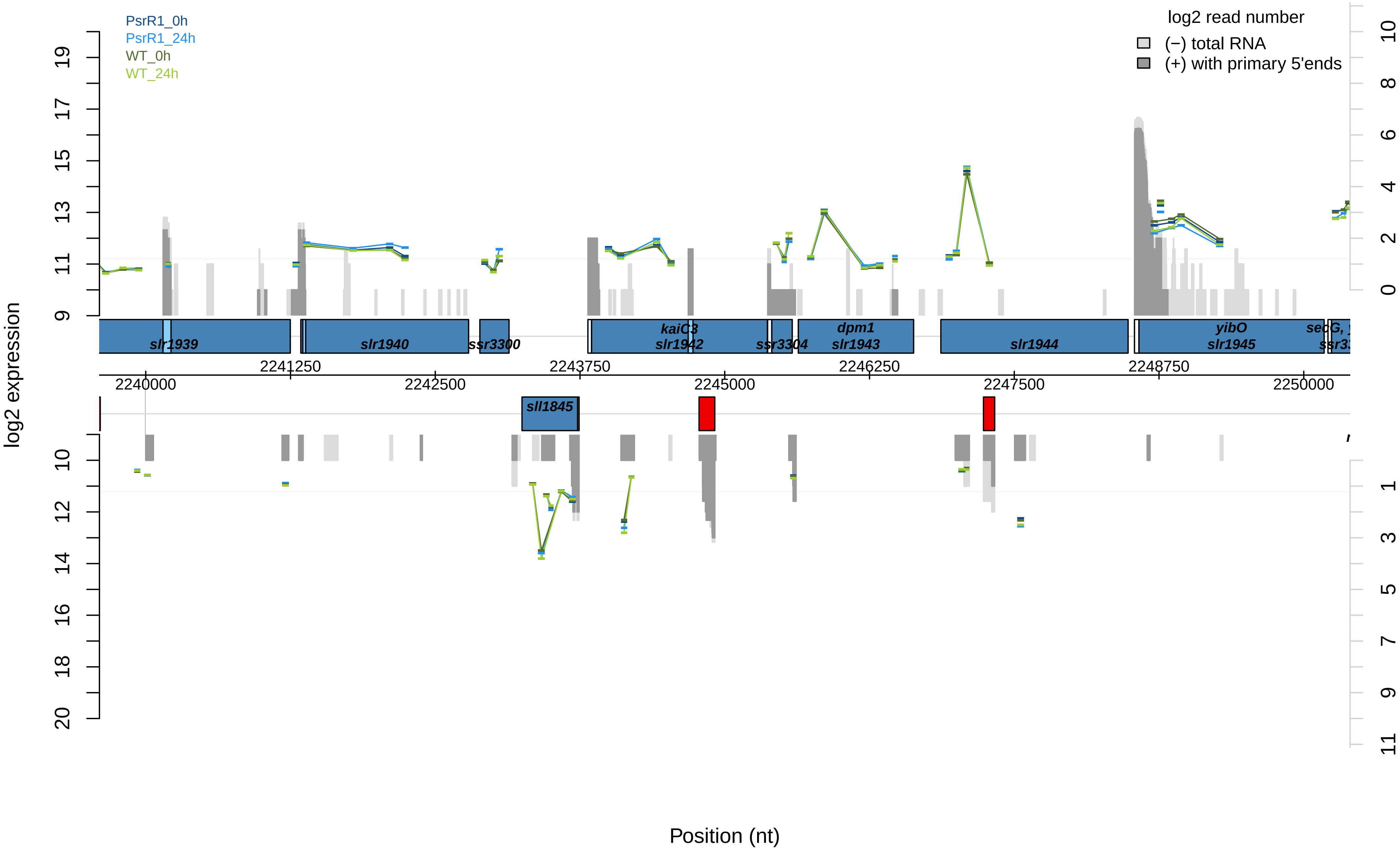
xthA
sll1853
sll1852
ndkR
sll1851
sll1849
sll1848
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
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12
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16
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8
6
4
2
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7
9
11
slr1939
slr1940
ssr3300
kaiC3
slr1942
ssr3304
dpm1
slr1943
slr1944
yibO
slr1945
secG,
ssr33
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2242500
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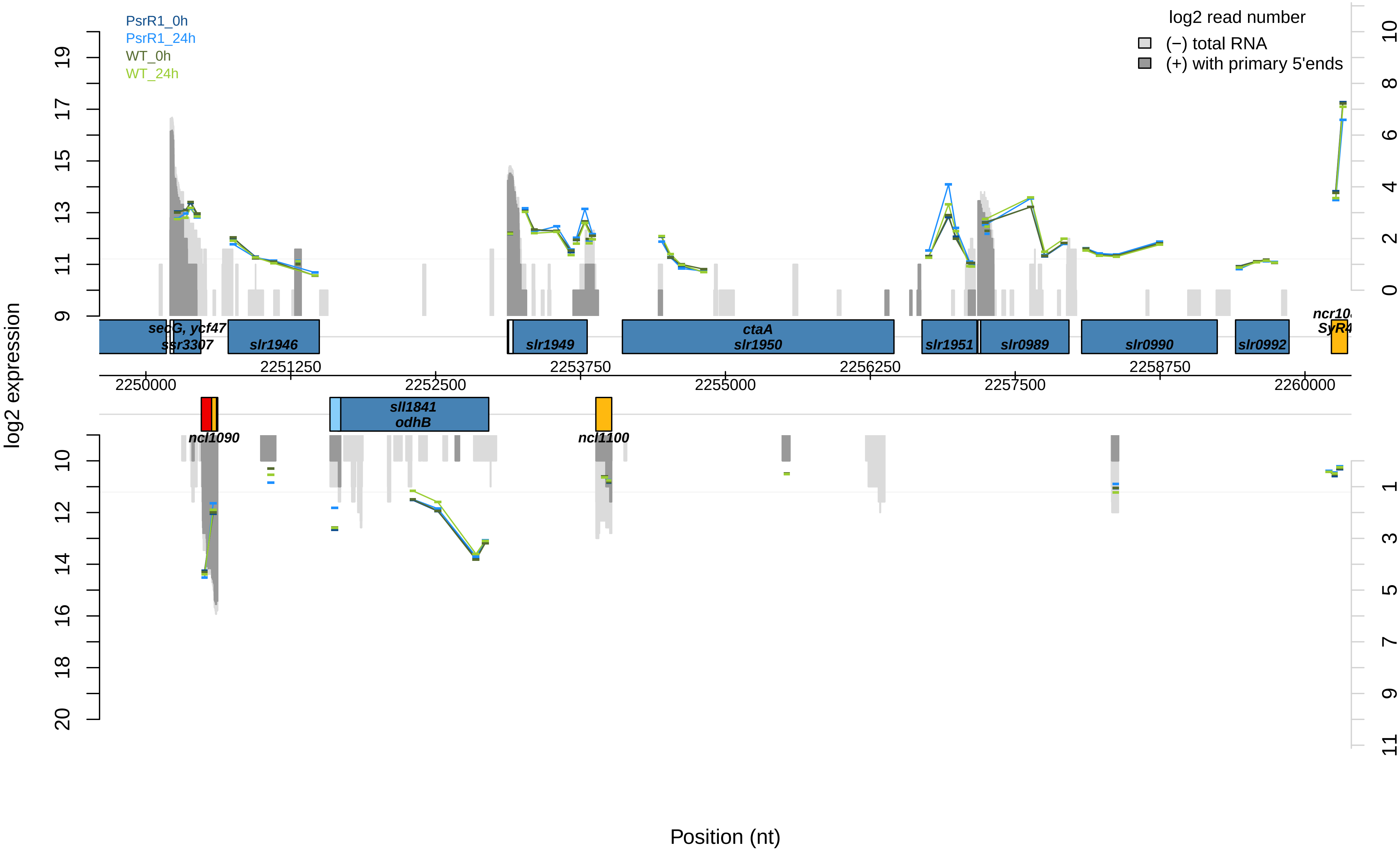
2247500
2250000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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17
19
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12
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16
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2
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6
8
10
1
3
5
7
9
11
secG, ycf47
ssr3307
slr1946
slr1949
ctaA
slr1950
slr1951
slr0989
slr0990
slr0992
ncr10
SyR
2251250
2253750
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2257500
2260000
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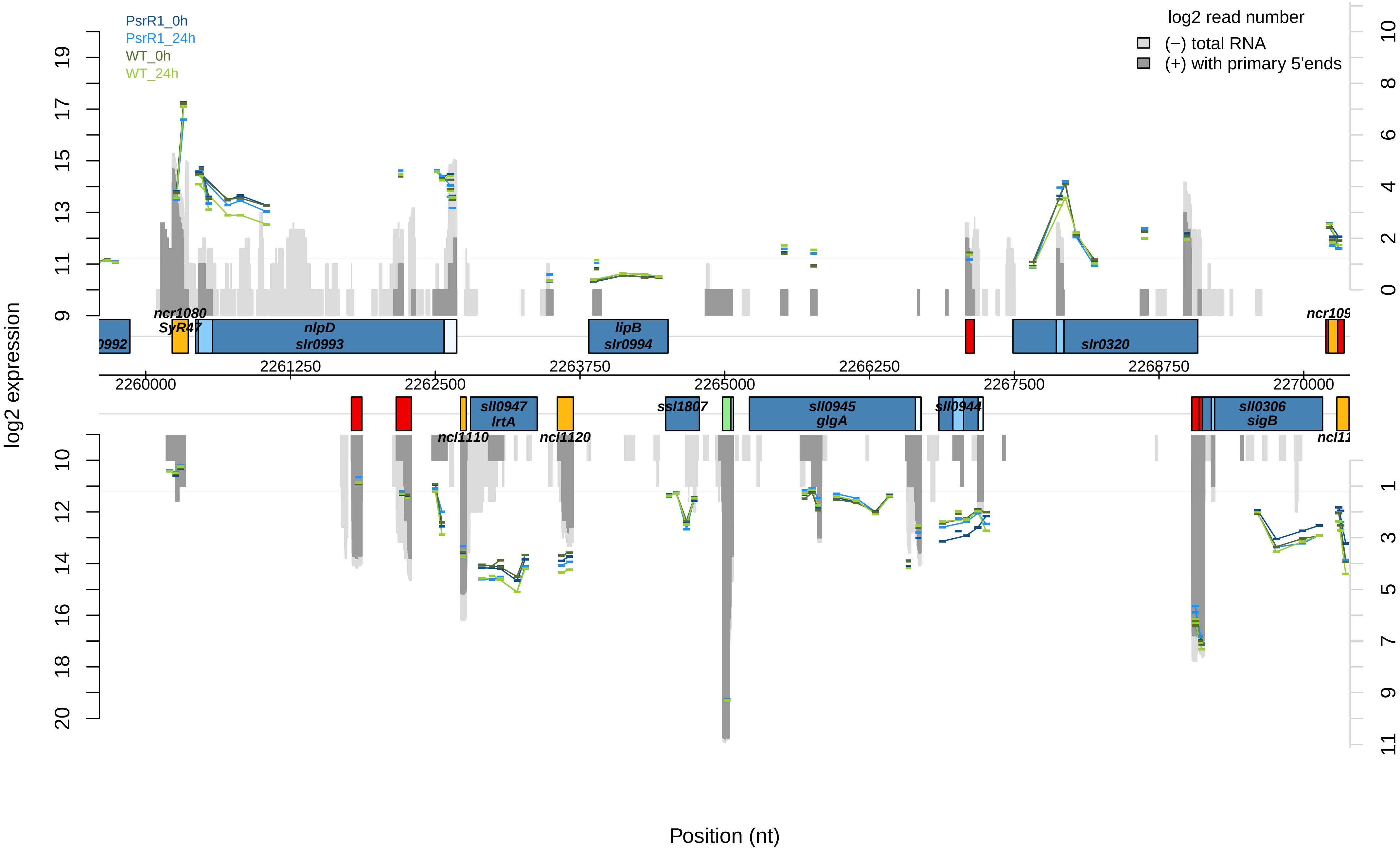
odhB
ncl1090
ncl1100
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
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▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
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19
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16
18
20
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6
8
10
1
3
5
7
9
11
ncr1080
SyR47
0992
nlpD
slr0994
lipB
slr0994
slr0320
ncr109
2261250
2263750
2266250
2268750
2260000
2262500
2265000
2267500
2270000
sll0947
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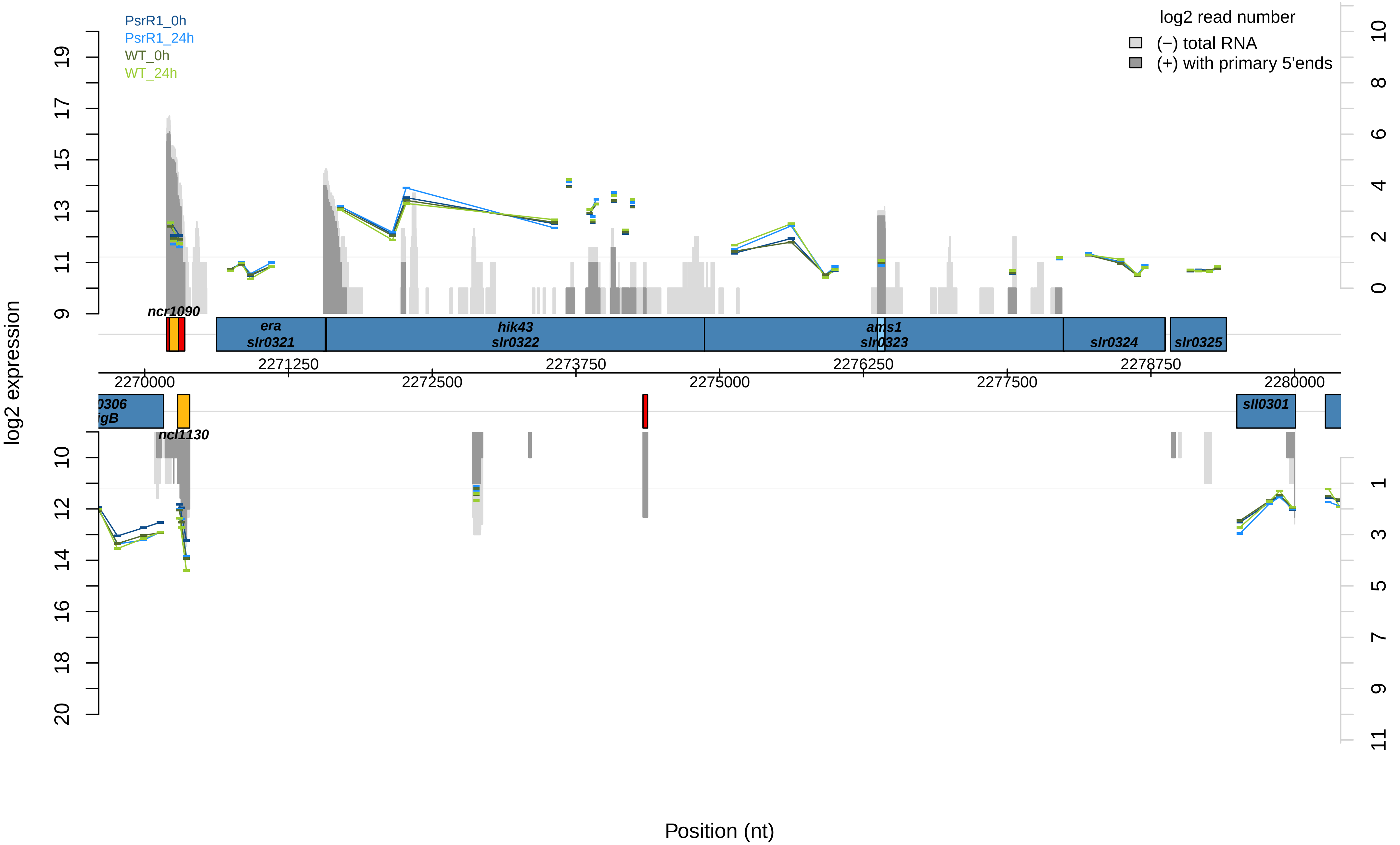
sll0945
glgA
sll0944
sll0306
sigB
ncl11
Position (nt)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PsrR1_24h
WT_0h
WT_24h
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(−) total RNA
(+) with primary 5'ends
log2 expression
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8
10
1
3
5
7
9
11
ncr1090
era
slr0321
hik43
slr0322
ams1
slr0323
slr0324
slr0325
2271250
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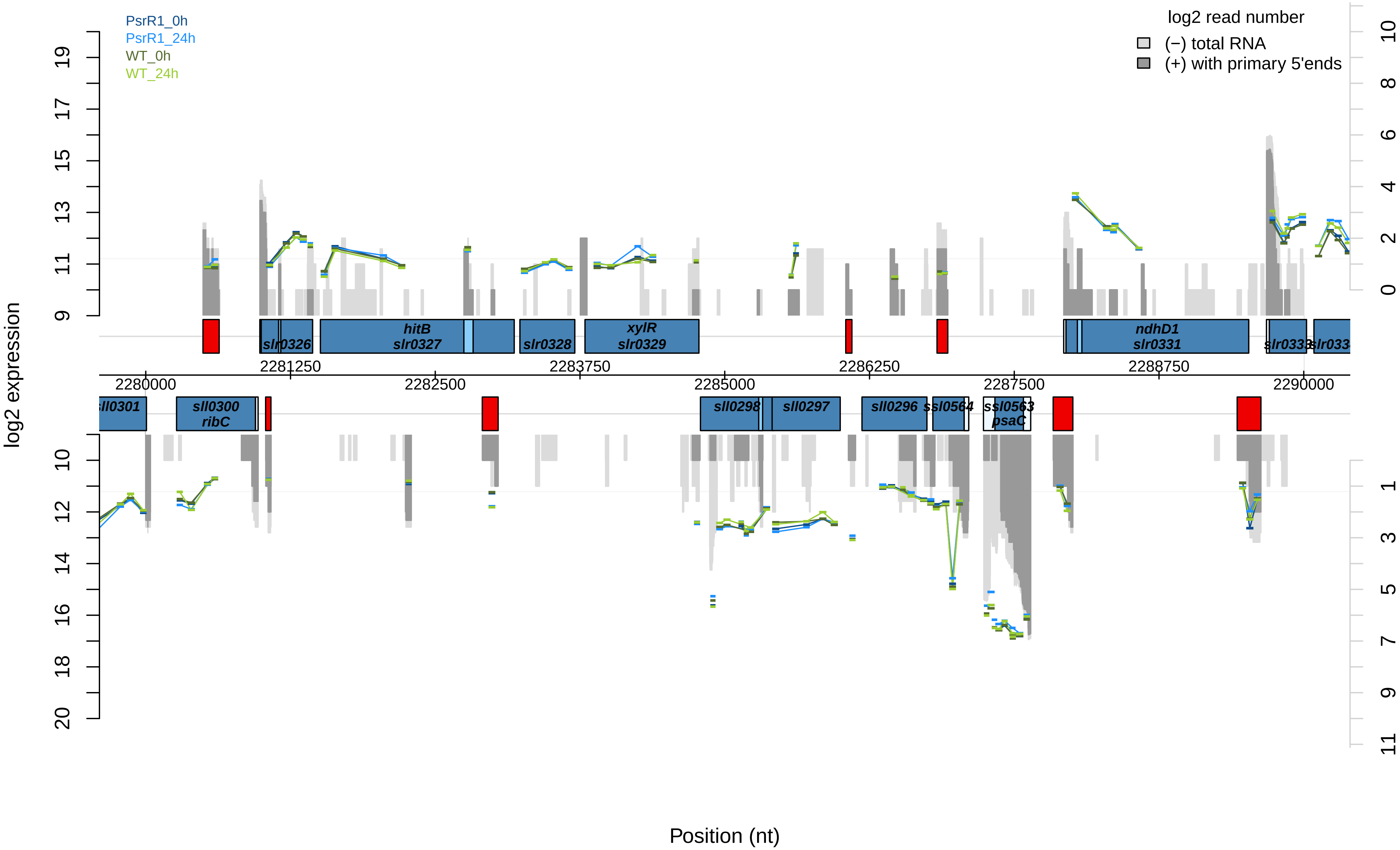
2280000
0306
igB
ncl1130
sll0301
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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6
8
10
1
3
5
7
9
11
slr0326
hitB
slr0327
slr0328
xylR
slr0329
ndhD1
slr0331
slr0333
slr033
2281250
2283750
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2288750
2280000
2282500
2285000
2287500
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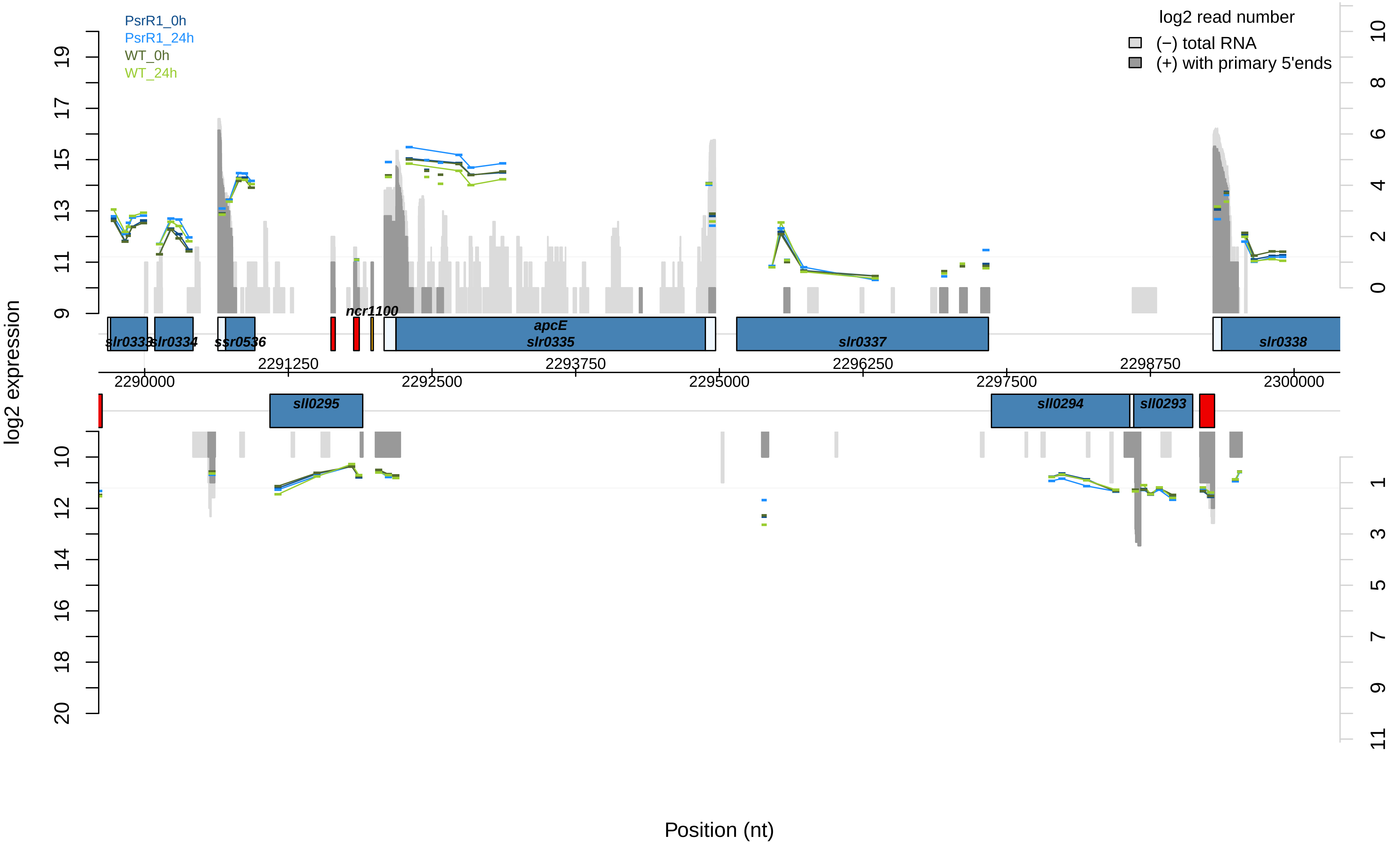
sll0300
ribC
sll0298
sll0297
sll0296
ssl0564
ssl0563
psaC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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17
19
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12
14
16
18
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6
8
10
1
3
5
7
9
11
slr0333
slr0334
ssr0536
ncr1100
apcE
slr0335
slr0337
slr0338
sll0295
sll0294
sll0293
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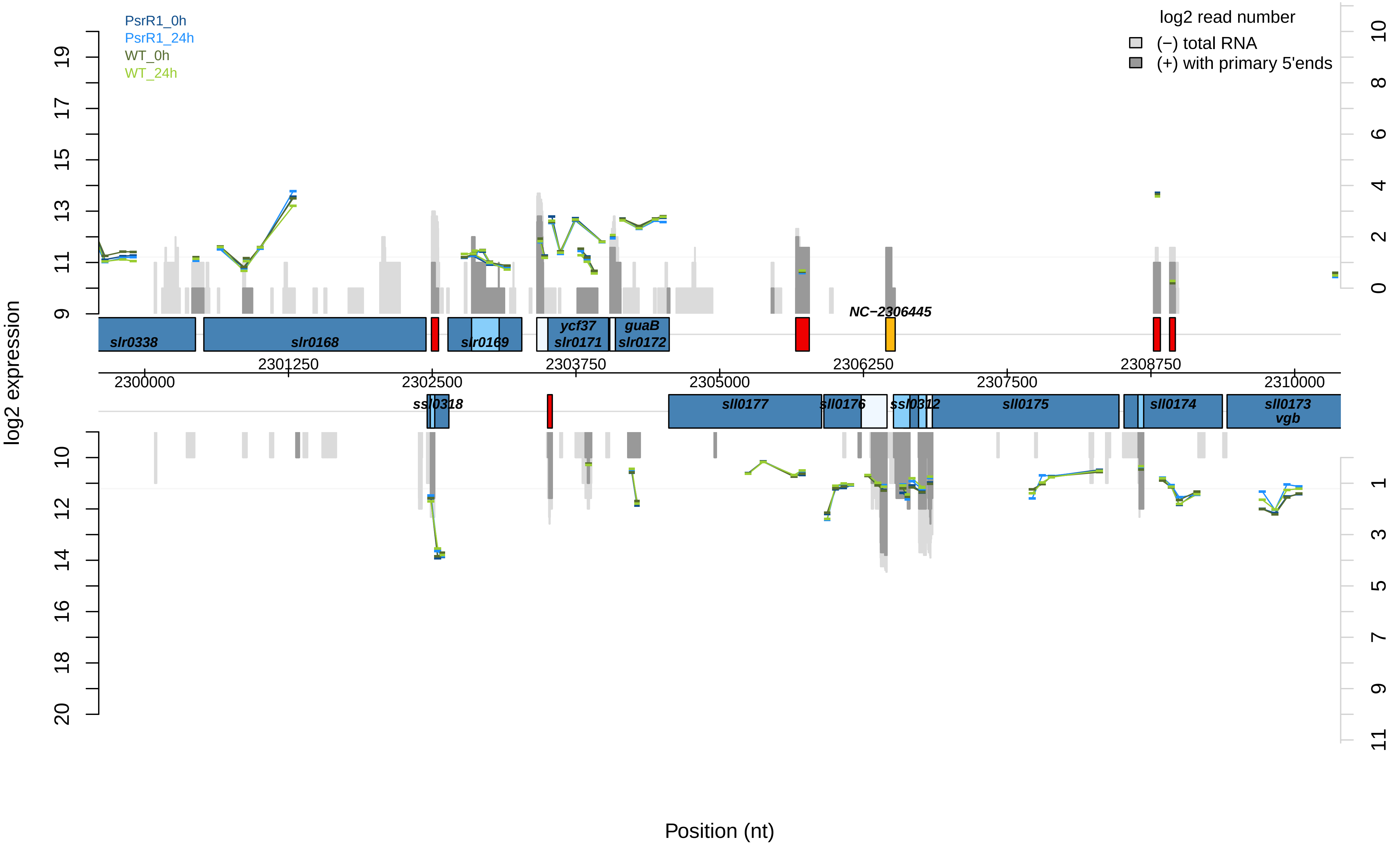
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
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4
2
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1
3
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7
9
11
slr0338
slr0168
slr0169
ycf37
slr0171
guaB
slr0172
NC−2306445
2301250
2302500
2303750
2305000
2306250
2307500
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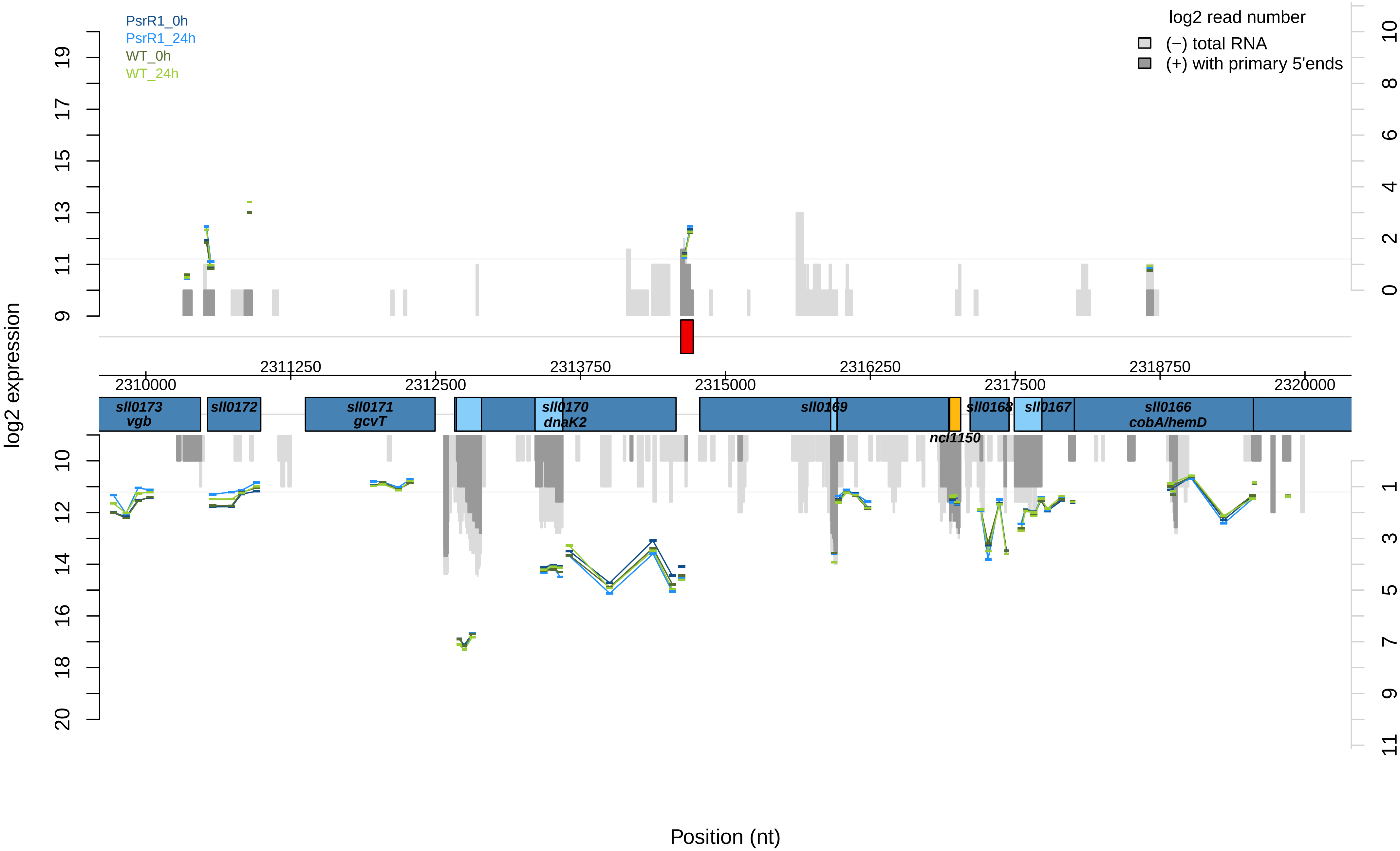
sll0177
sll0176
ssl0312
sll0175
sll0174
sll0173
vgb
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
17
19
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0
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8
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9
11
2310000
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2313750
2315000
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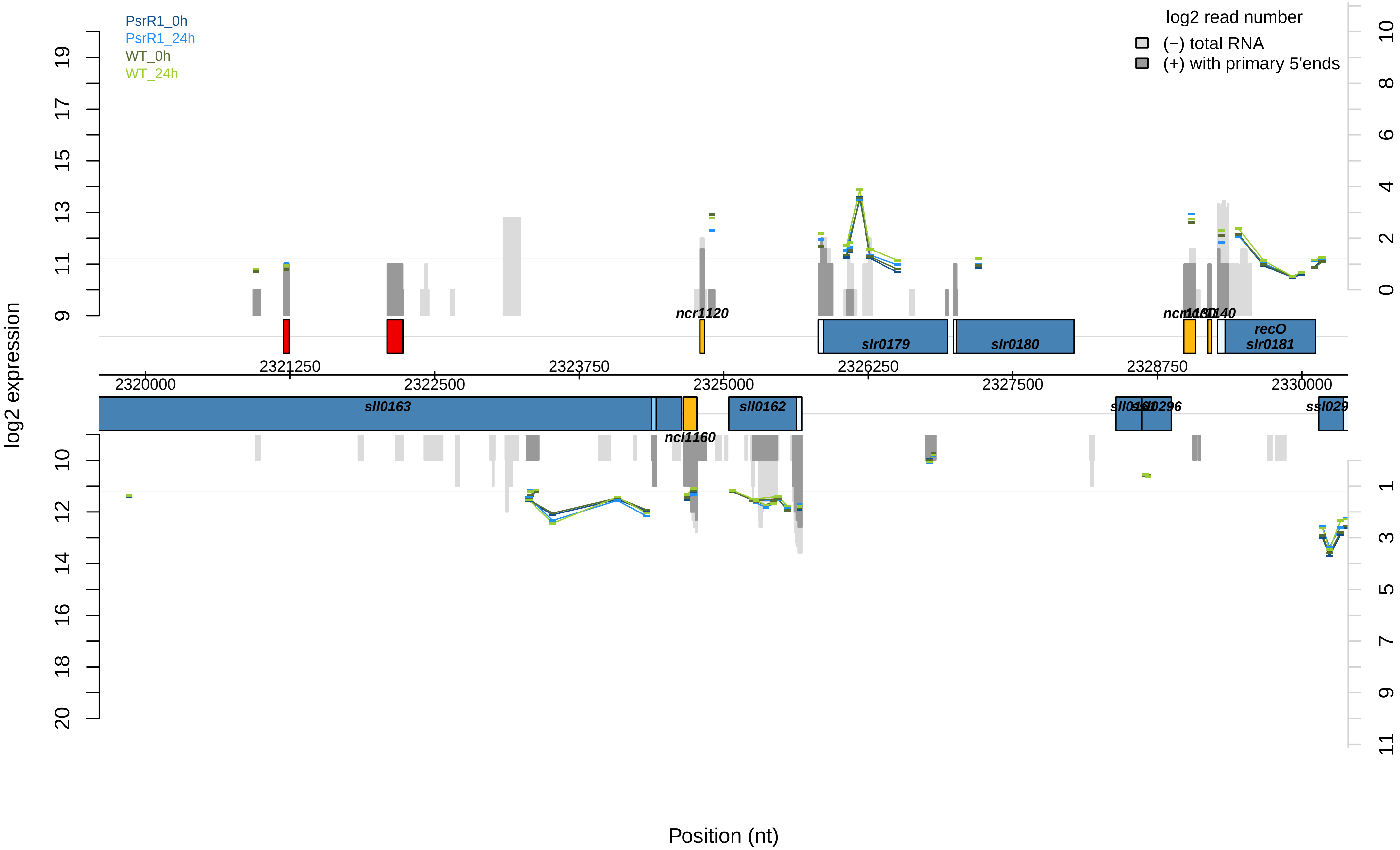
2317500
2318750
2320000
sll0173
vgb
sll0172
sll0171
gcvT
sll0170
dnaK2
sll0169
ncl1150
sll0168
sll0167
sll0166
cobA/hemD
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
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18
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0
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4
6
8
10
1
3
5
7
9
11
ncr1120
slr0179
slr0180
ncr1130
ncl1140
recO
slr0181
2321250
2323750
2326250
2328750
2320000
2322500
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2327500
2330000
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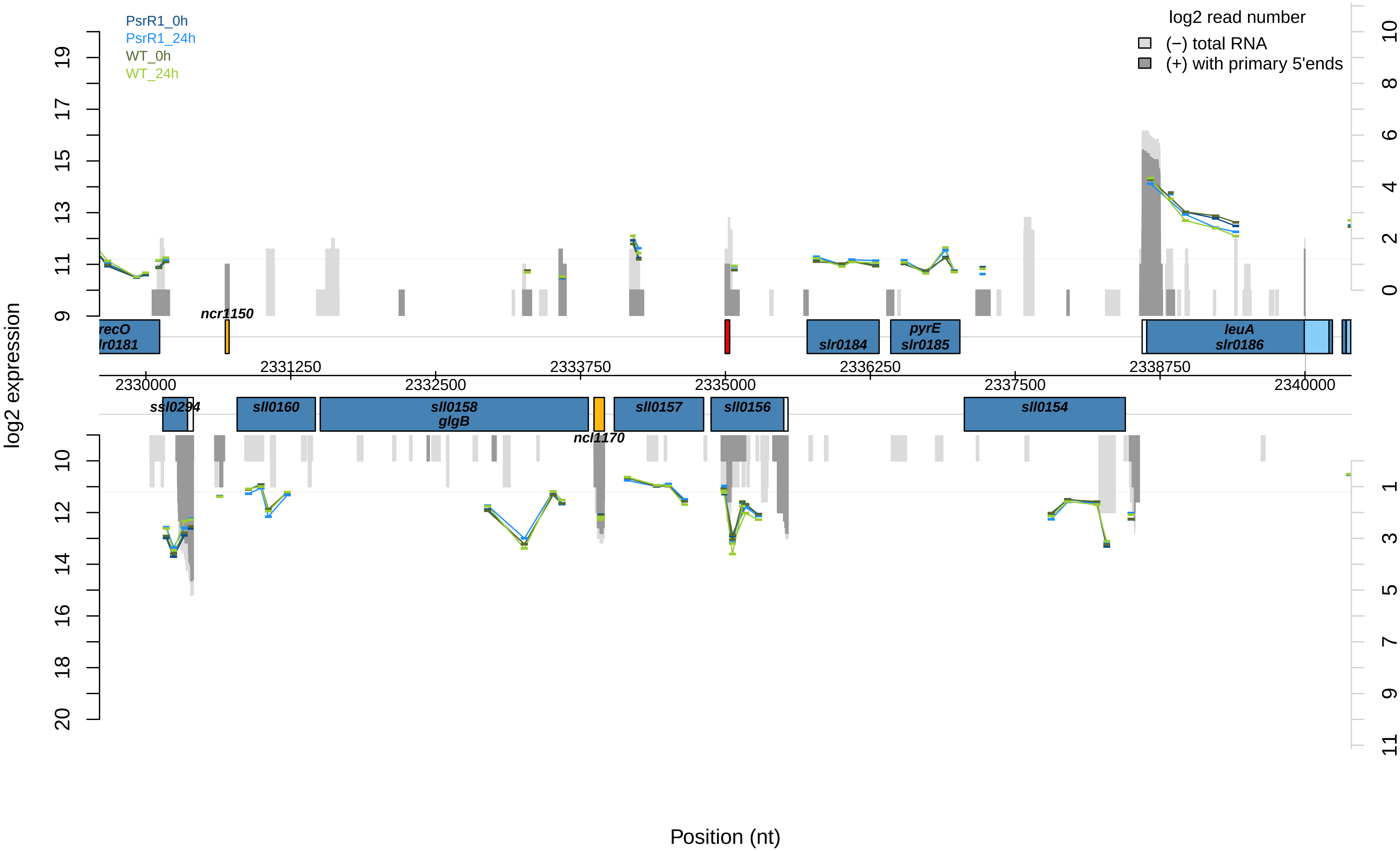
ncl1160
sll0162
sll0161
sll0296
ssl029
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
recO
slr0181
ncr1150
slr0184
pyrE
slr0185
leuA
slr0186
ssl0294
sll0160
sll0158
glgB
ncl1170
sll0157
sll0156
sll0154
2330000
2331250
2332500
2333750
2335000
2336250
2337500
2338750
2340000
9
11
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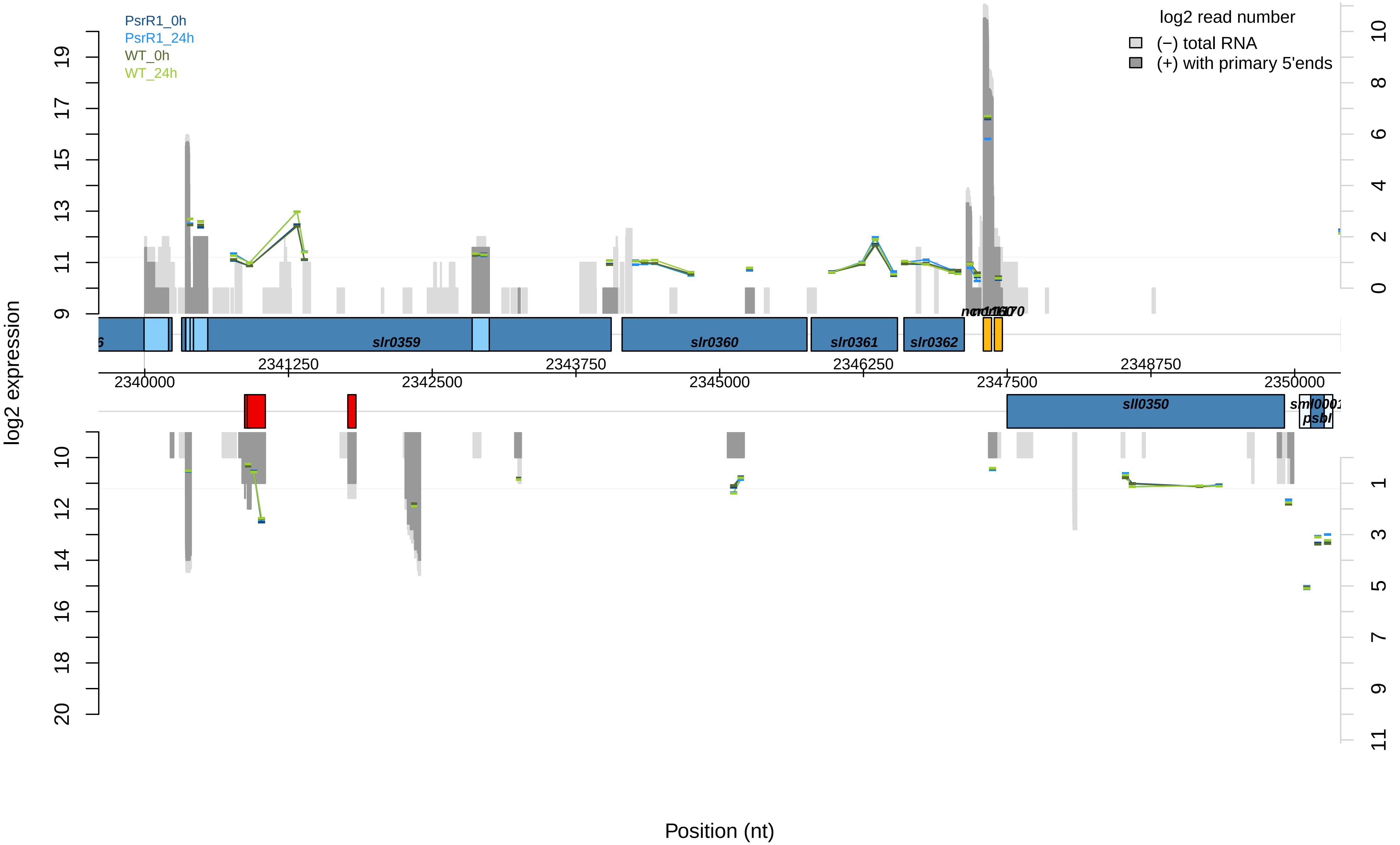

PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
2340000
2341250
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2343750
2345000
2346250
2347500
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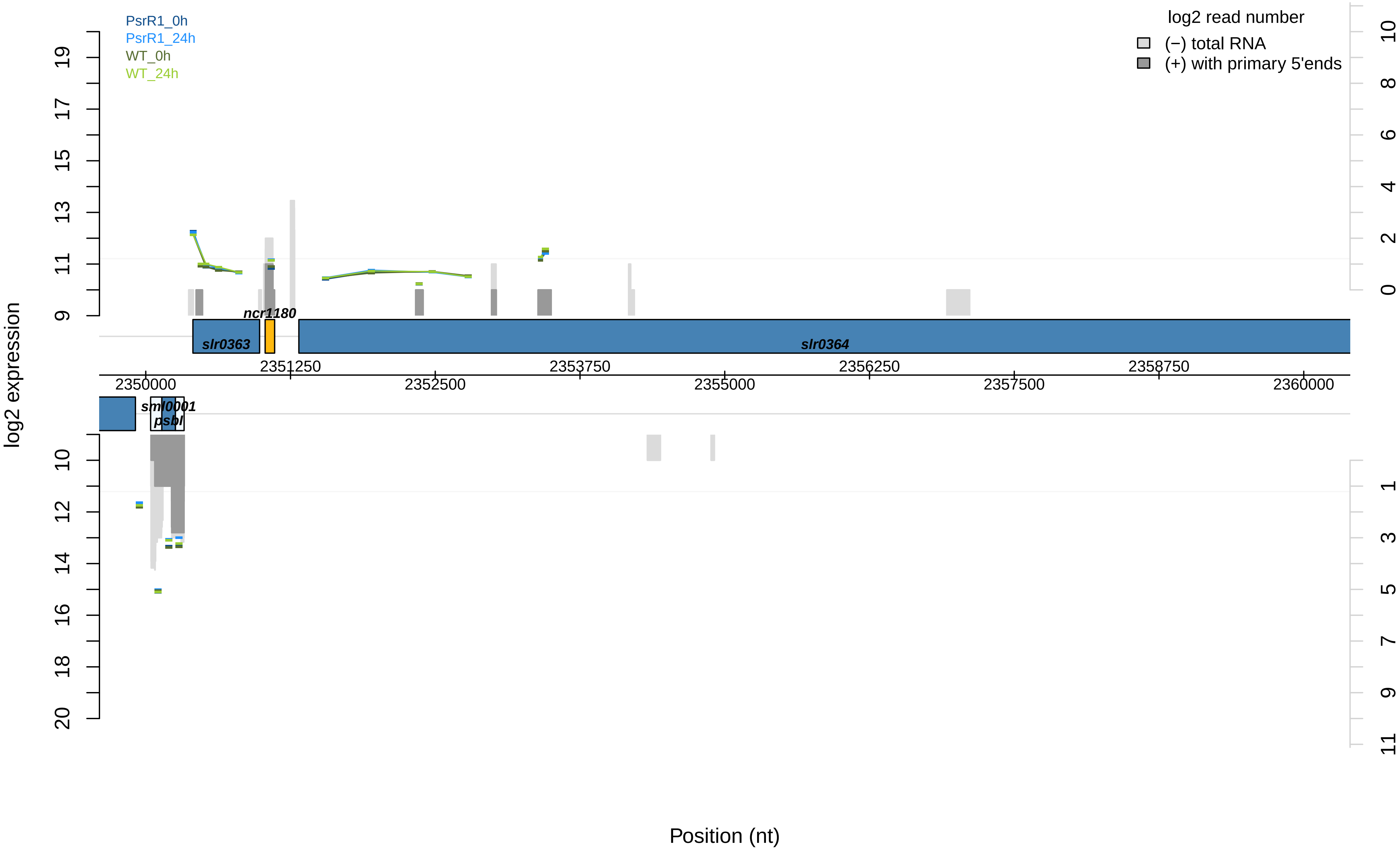
sml0001
psbI


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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15
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7
9
11
ncr1180
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slr0364
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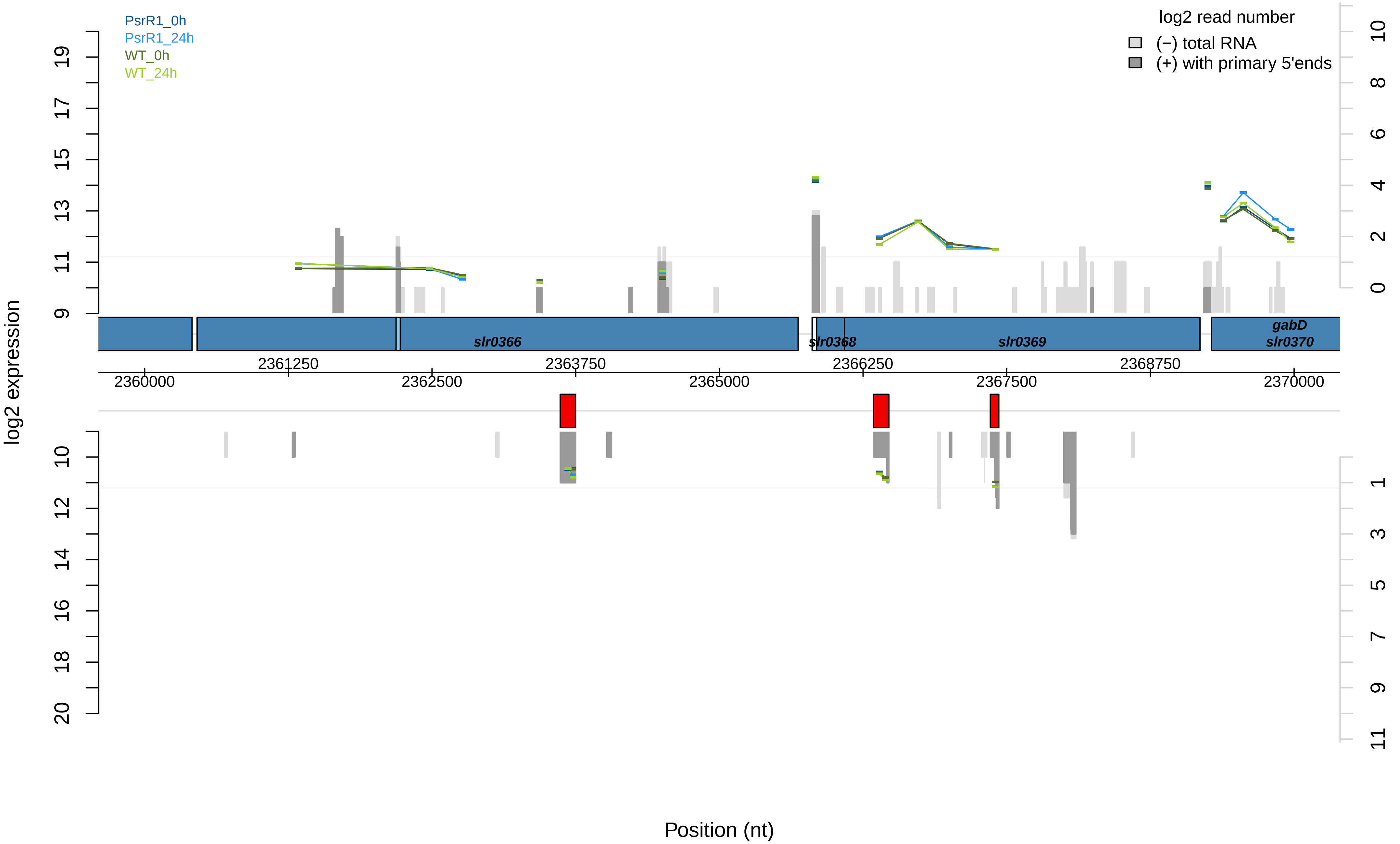
2360000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
0
2
4
6
8
10
slr0366
slr0368
slr0369
gabD
slr0370
2361250
2363750
2366250
2368750
2360000
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3
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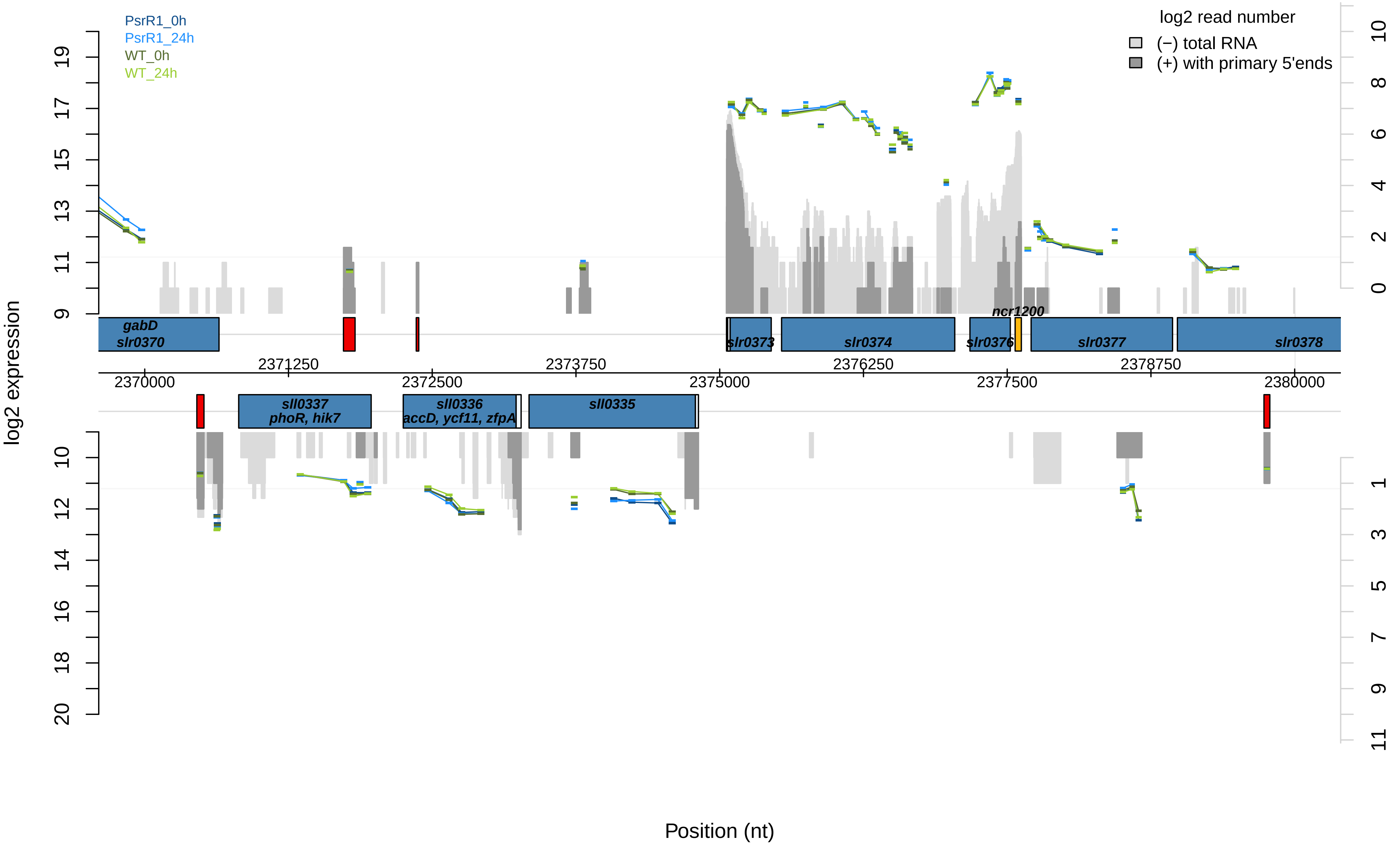
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
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4
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3
5
7
9
11
gabD
slr0370
slr0373
slr0374
slr0376
ncr1200
slr0377
slr0378
sll0337
phoR, hik7
sll0336
accD, ycf11, zfpA
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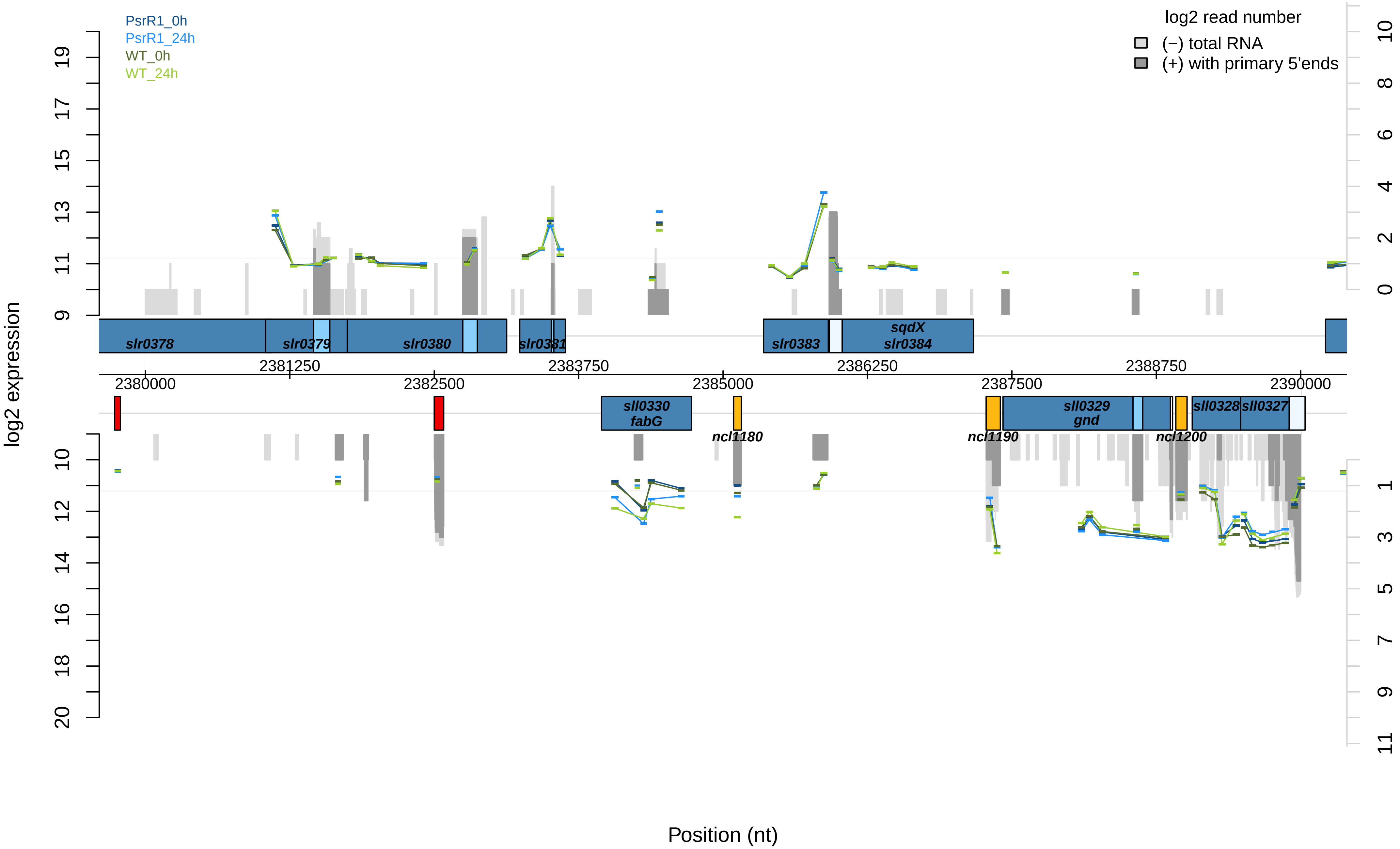
2380000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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slr0379
slr0380
slr0381
slr0383
sqdX
slr0384
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2382500
2385000
2387500
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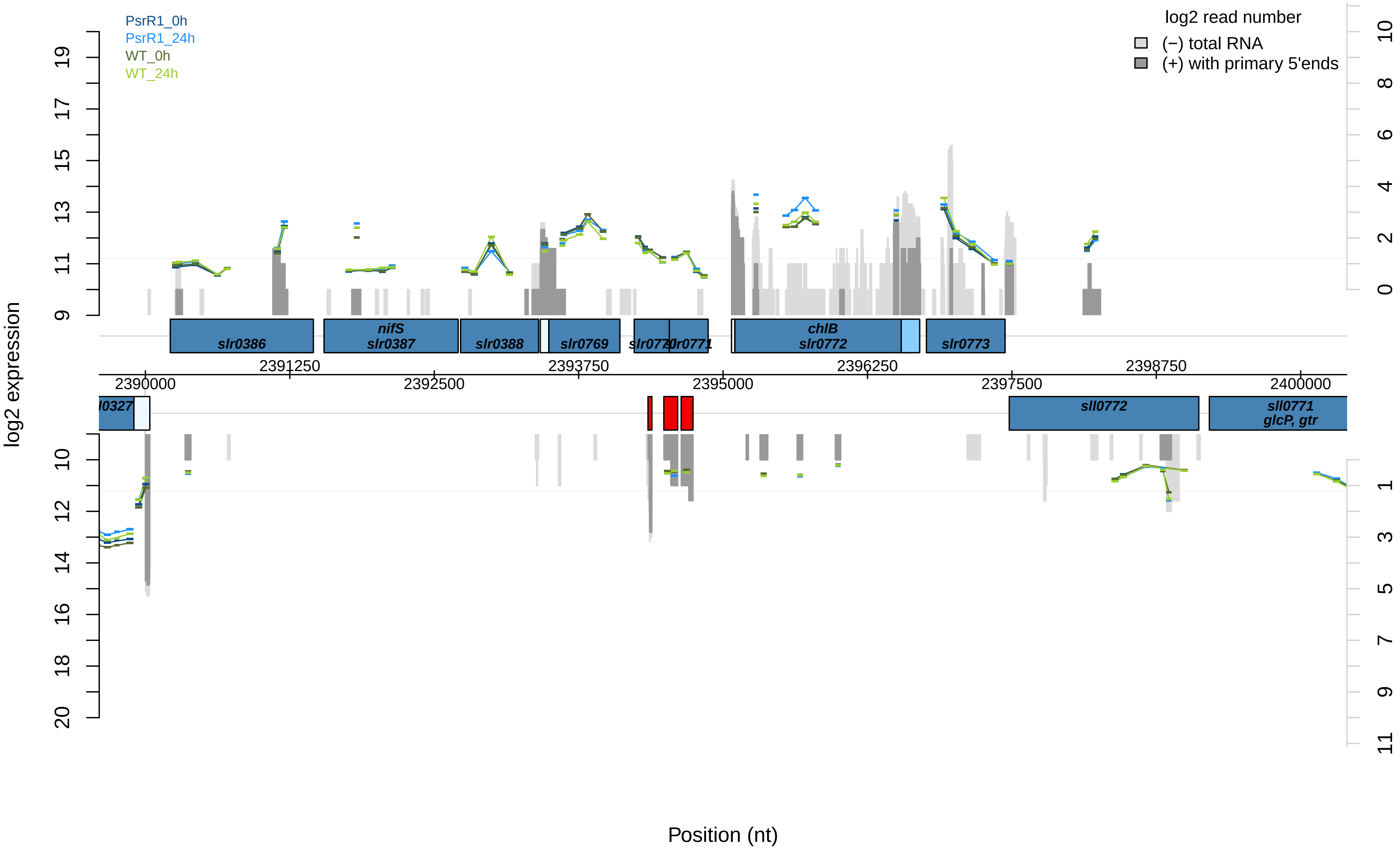
gnd
ncl1200
sll0328
sll0327
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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nifS
slr0387
slr0388
slr0769
slr0770
slr0771
chlB
slr0772
slr0773
2391250
2393750
2396250
2398750
2390000
2392500
2395000
2397500
2400000
ll0327
sll0772
sll0771
glcP, gtr
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3
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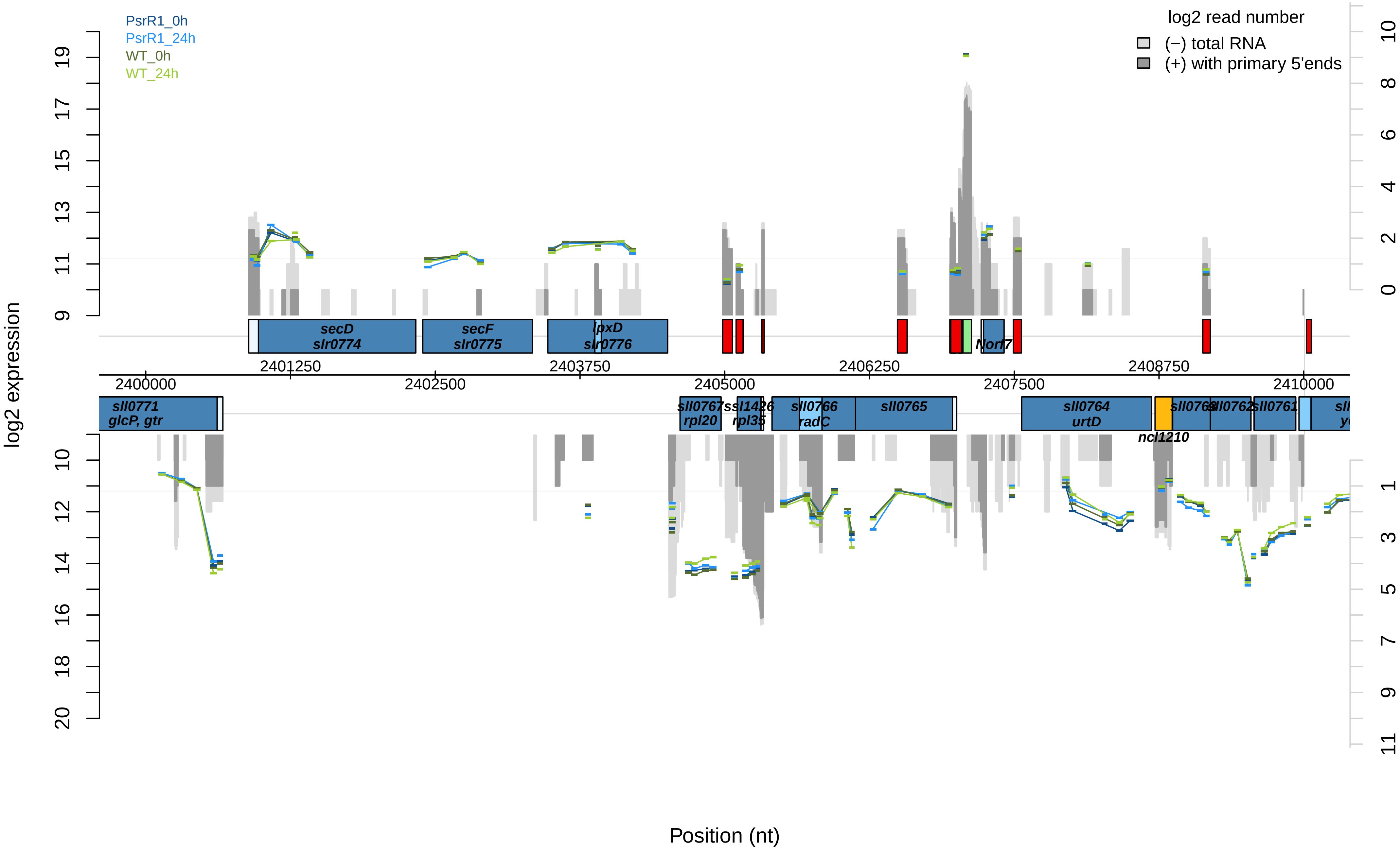
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
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5
7
9
11
secD
slr0774
secF
slr0775
lpxD
slr0776
Norf7
2401250
2403750
2406250
2408750
2400000
2402500
2405000
2407500
2410000
sll0771
glcP, gtr
sll0767
rpl20
ssl1426
rpl35
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sll0762
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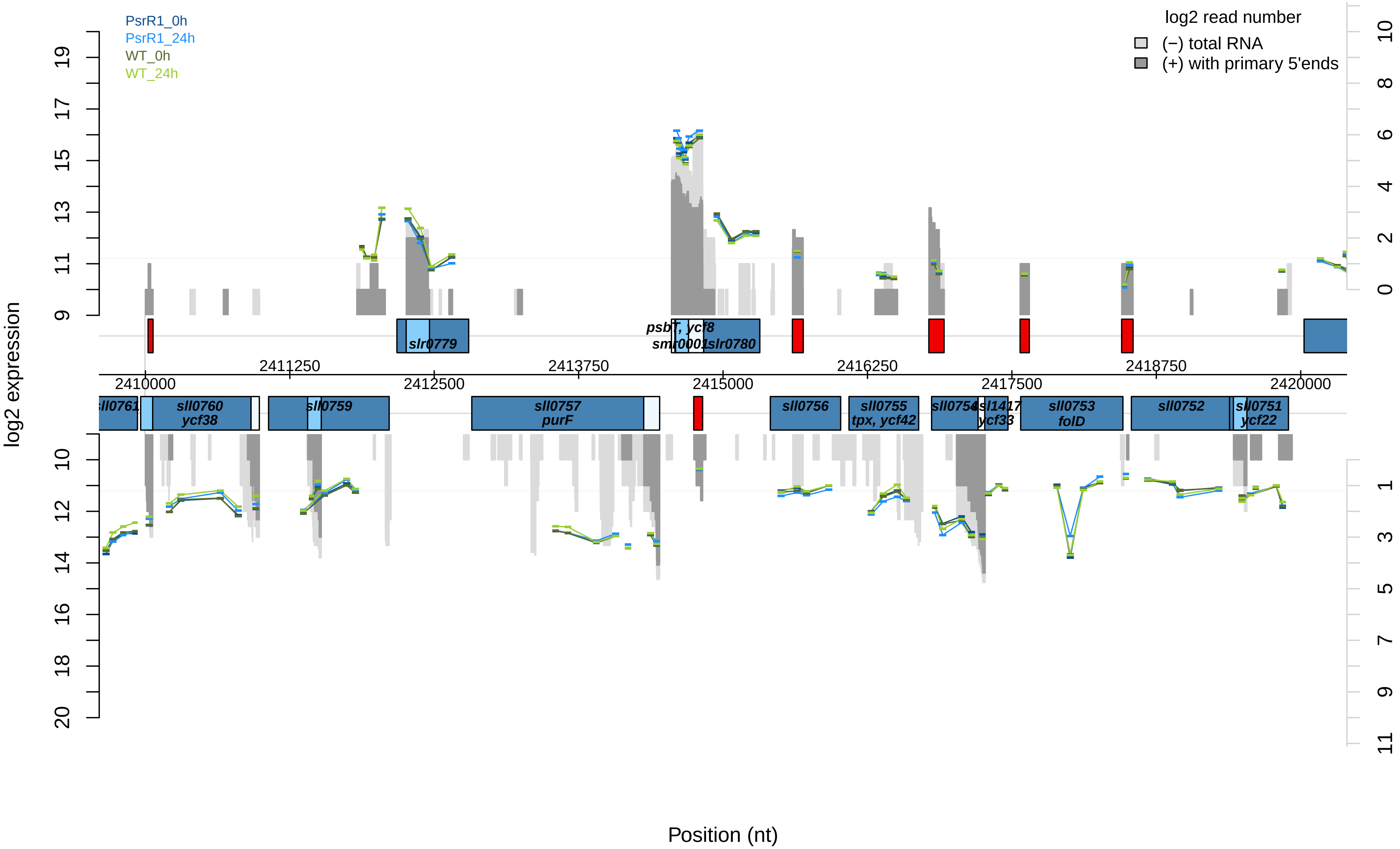
sll
y
Position (nt)


PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
17
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12
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6
8
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1
3
5
7
9
11
slr0779
psbT, ycf8
smr0001
slr0780
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2413750
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2418750
2410000
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2415000
2417500
2420000
sll0761
sll0760
ycf38
sll0759
sll0757
purF
sll0756
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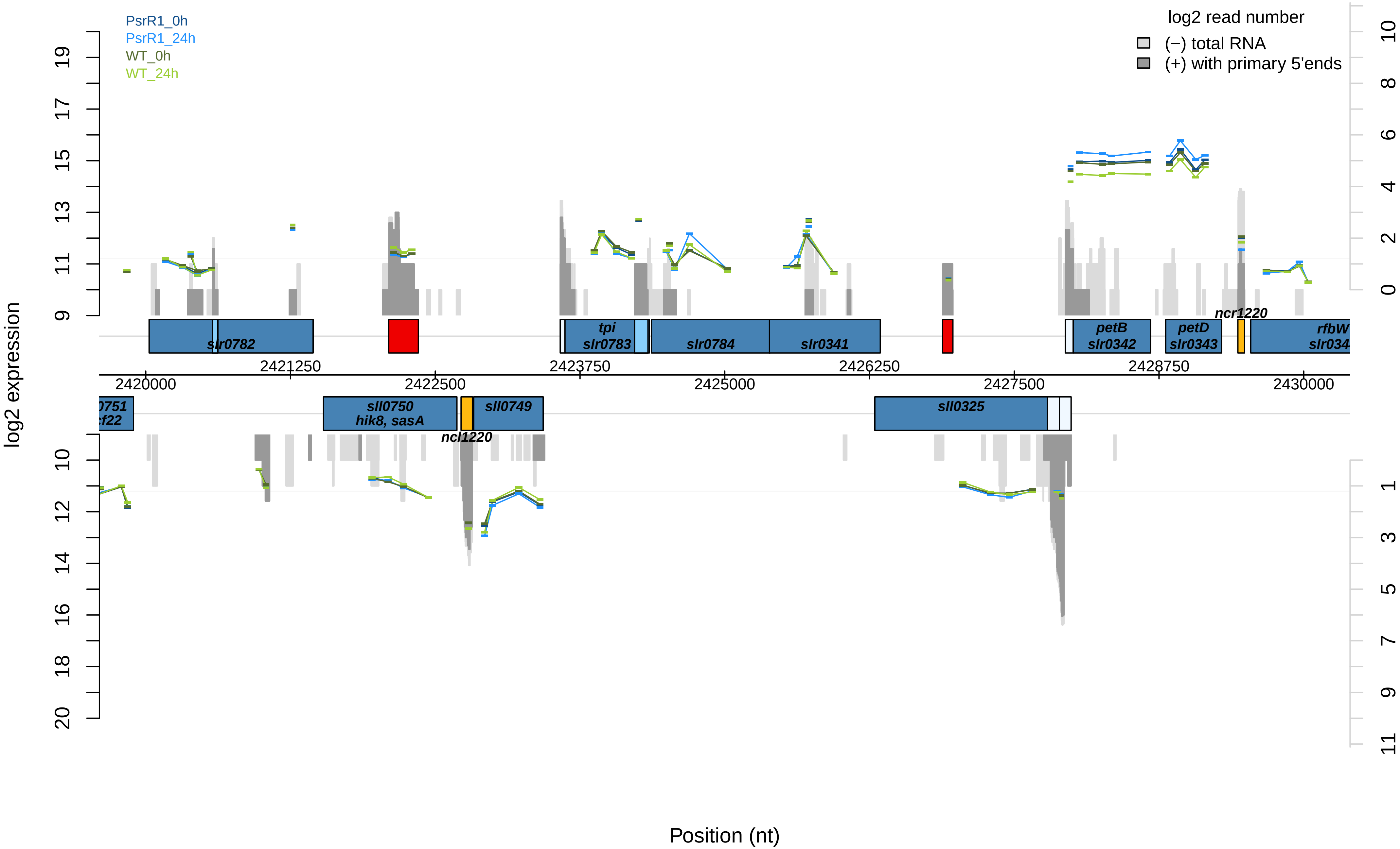
folD
sll0752
sll0751
ycf22
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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9
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slr0782
tpi
slr0783
slr0784
slr0341
petB
slr0342
petD
slr0343
ncr1220
rfbW
slr034
2421250
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2426250
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2422500
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f22
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hik8, sasA
ncl1220
sll0749
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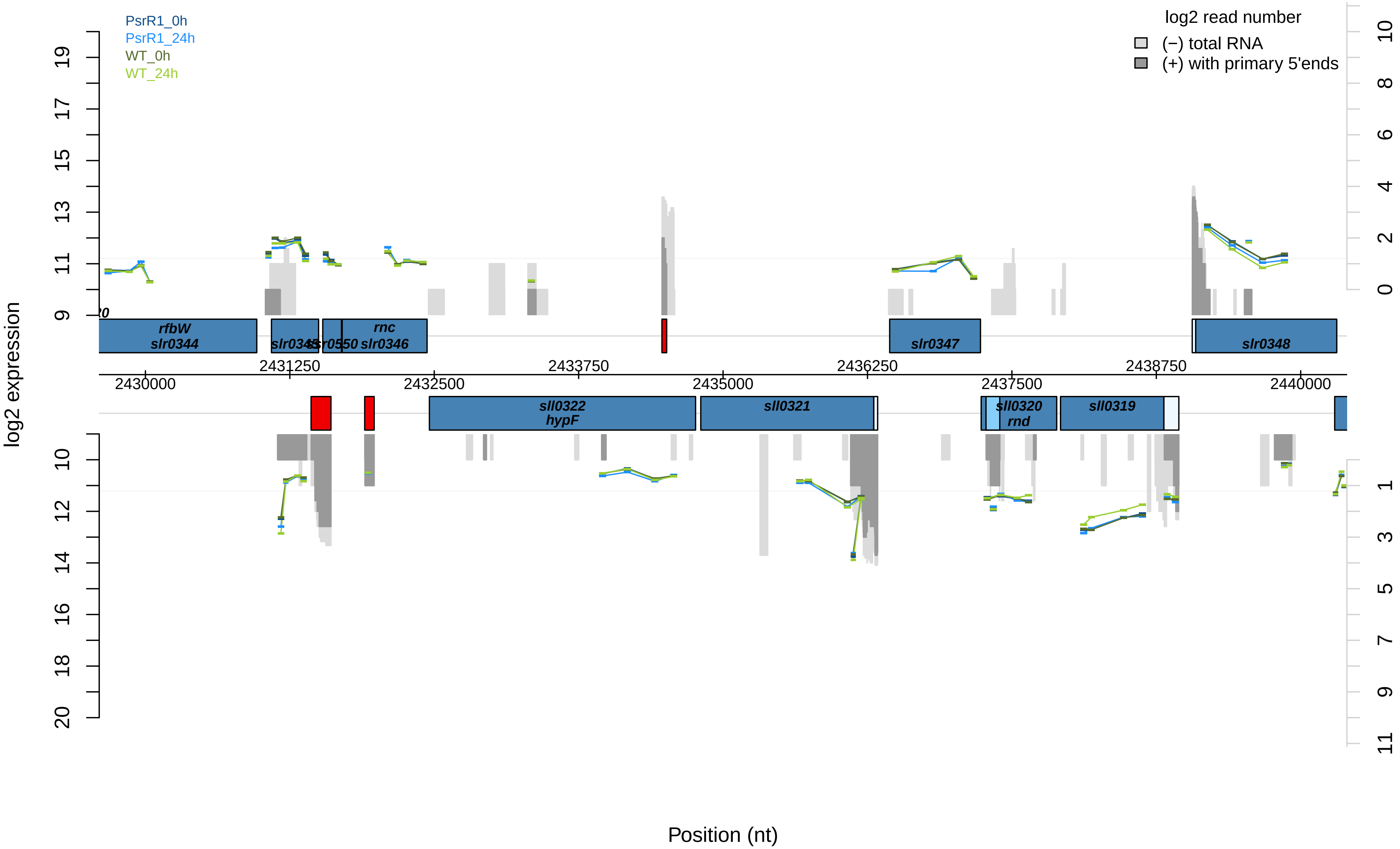
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
19
17
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9
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12
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4
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9
11
rfbW
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slr0345
ssr0550
rnc
slr0346
slr0347
slr0348
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hypF
sll0321
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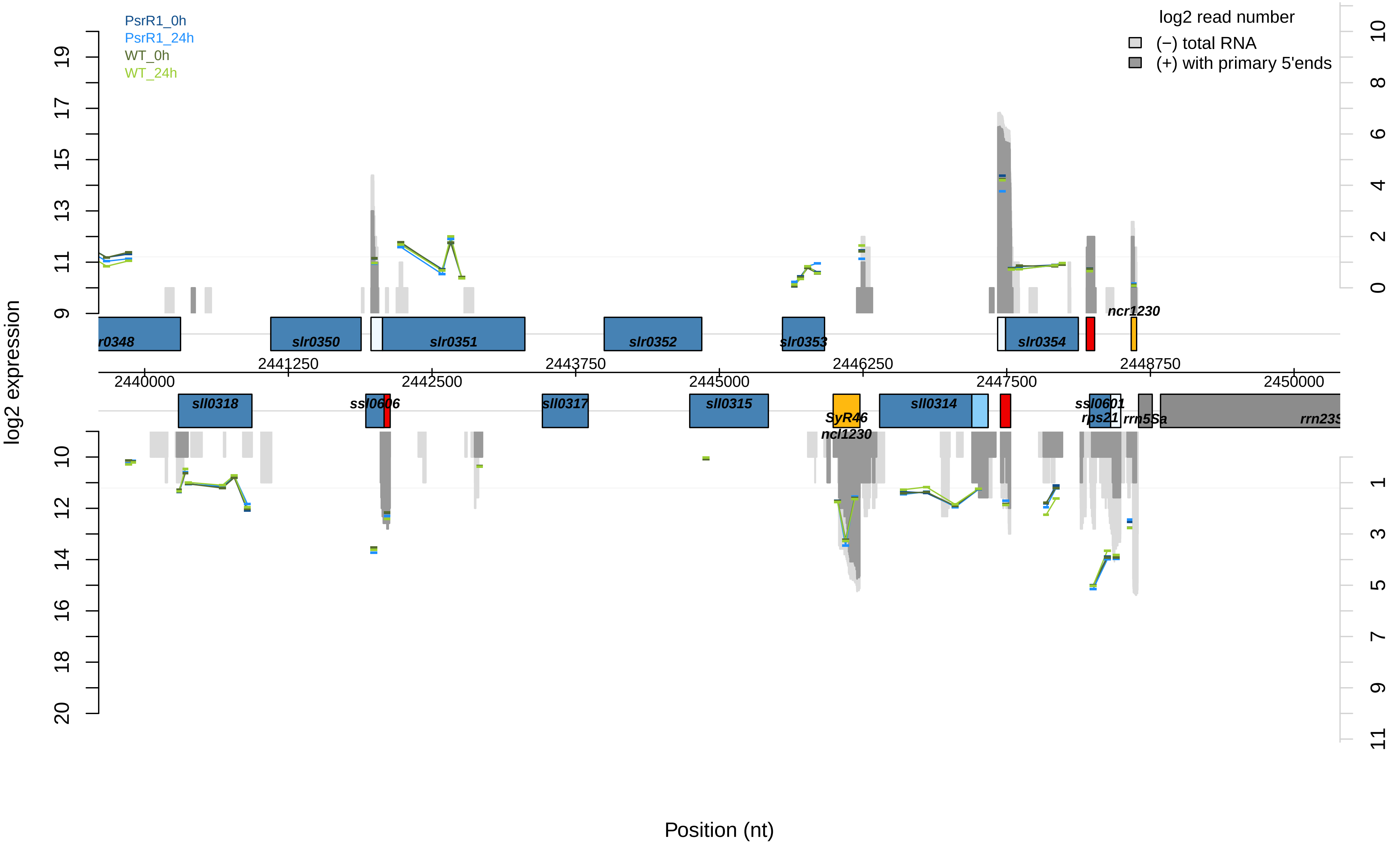
rnd
sll0319


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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15
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11
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slr0350
slr0351
slr0352
slr0353
slr0354
ncr1230
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2447500
2450000
sll0318
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SyR46
ncl1230
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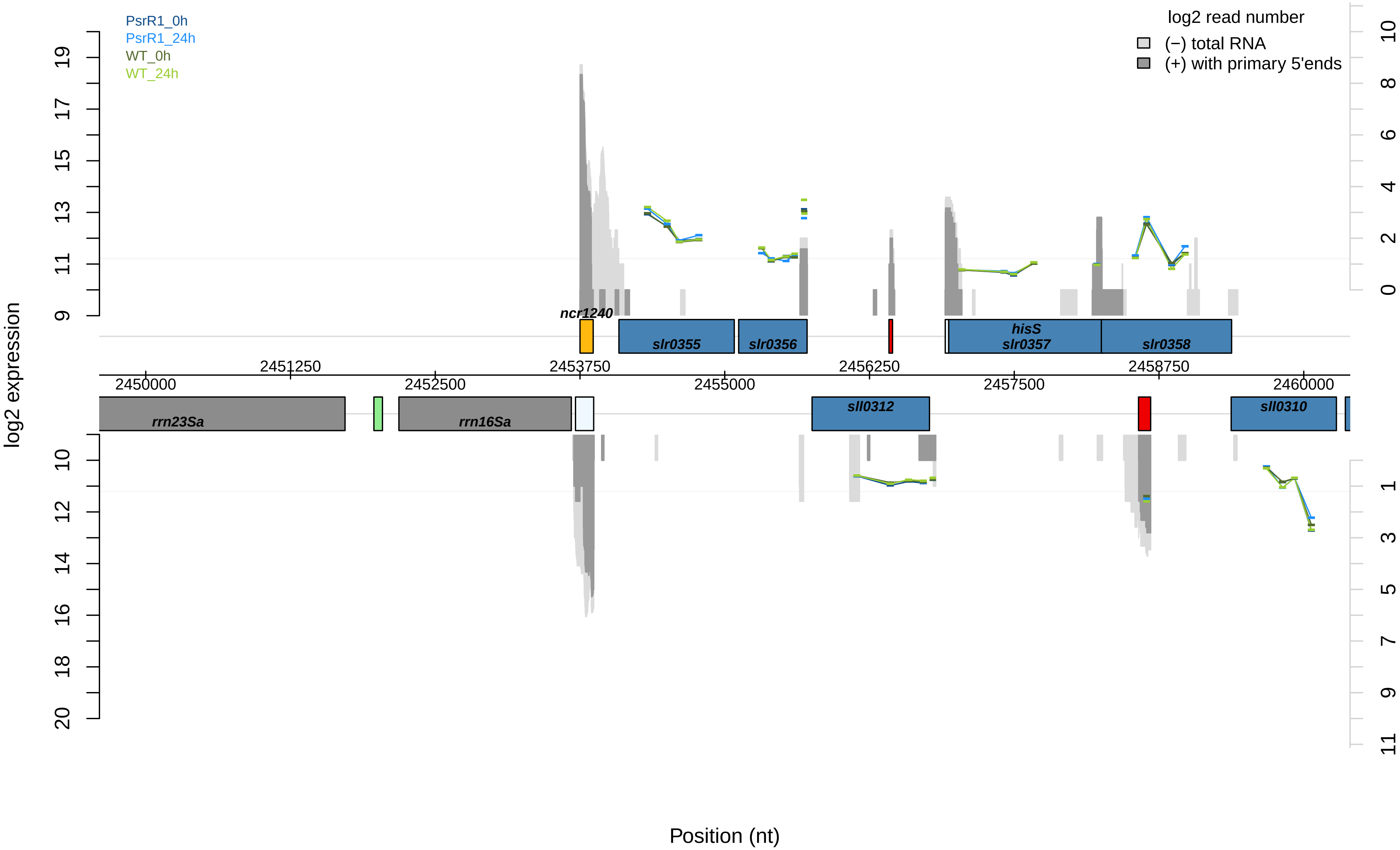
rps21
rrn5Sa
rrn23S
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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15
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12
14
16
18
20
0
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9
11
ncr1240
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slr0356
hisS
slr0357
slr0358
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2453750
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2455000
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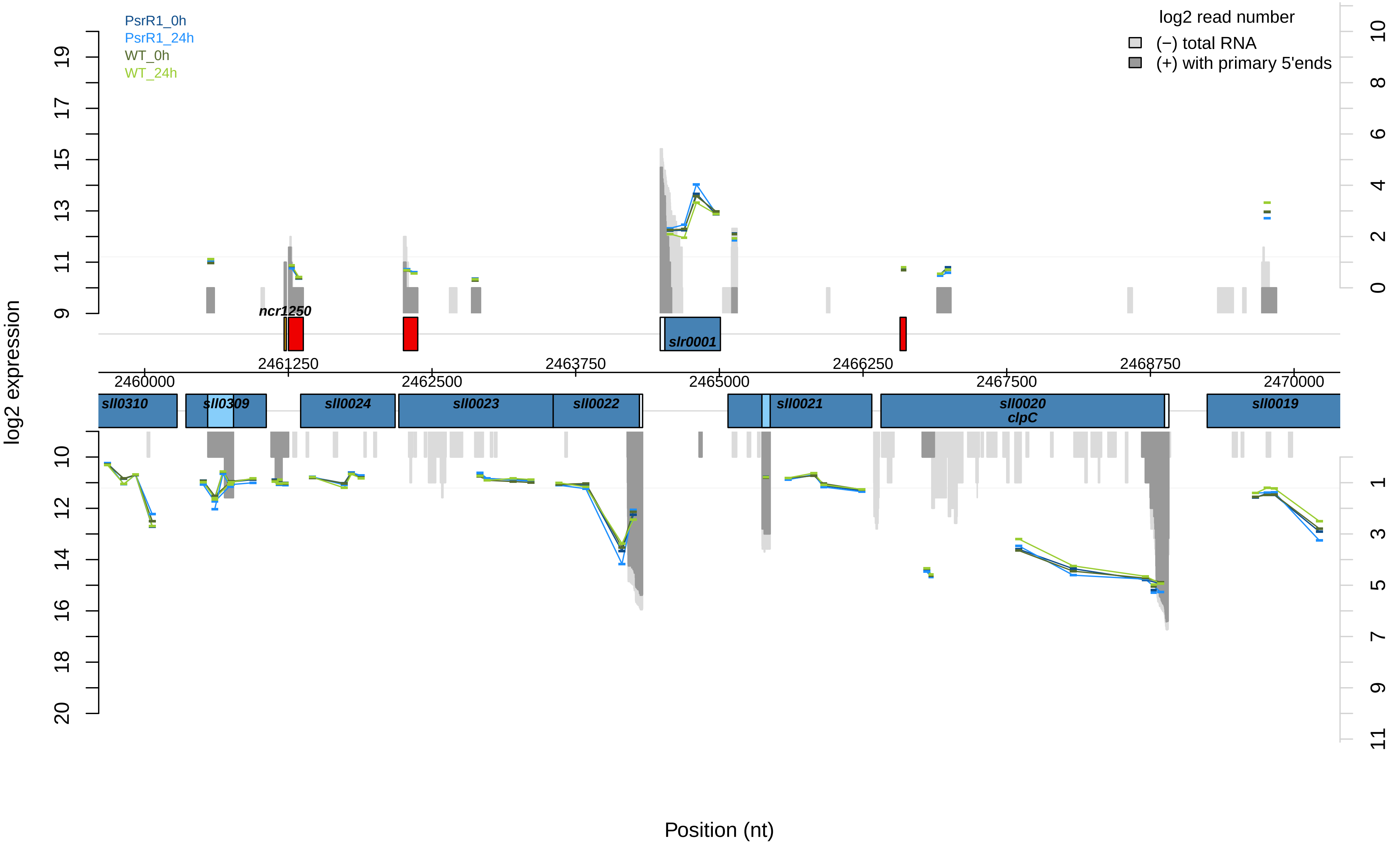
sll0310
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
ncr1250
slr0001
2461250
2463750
2466250
2468750
2460000
2462500
2465000
2467500
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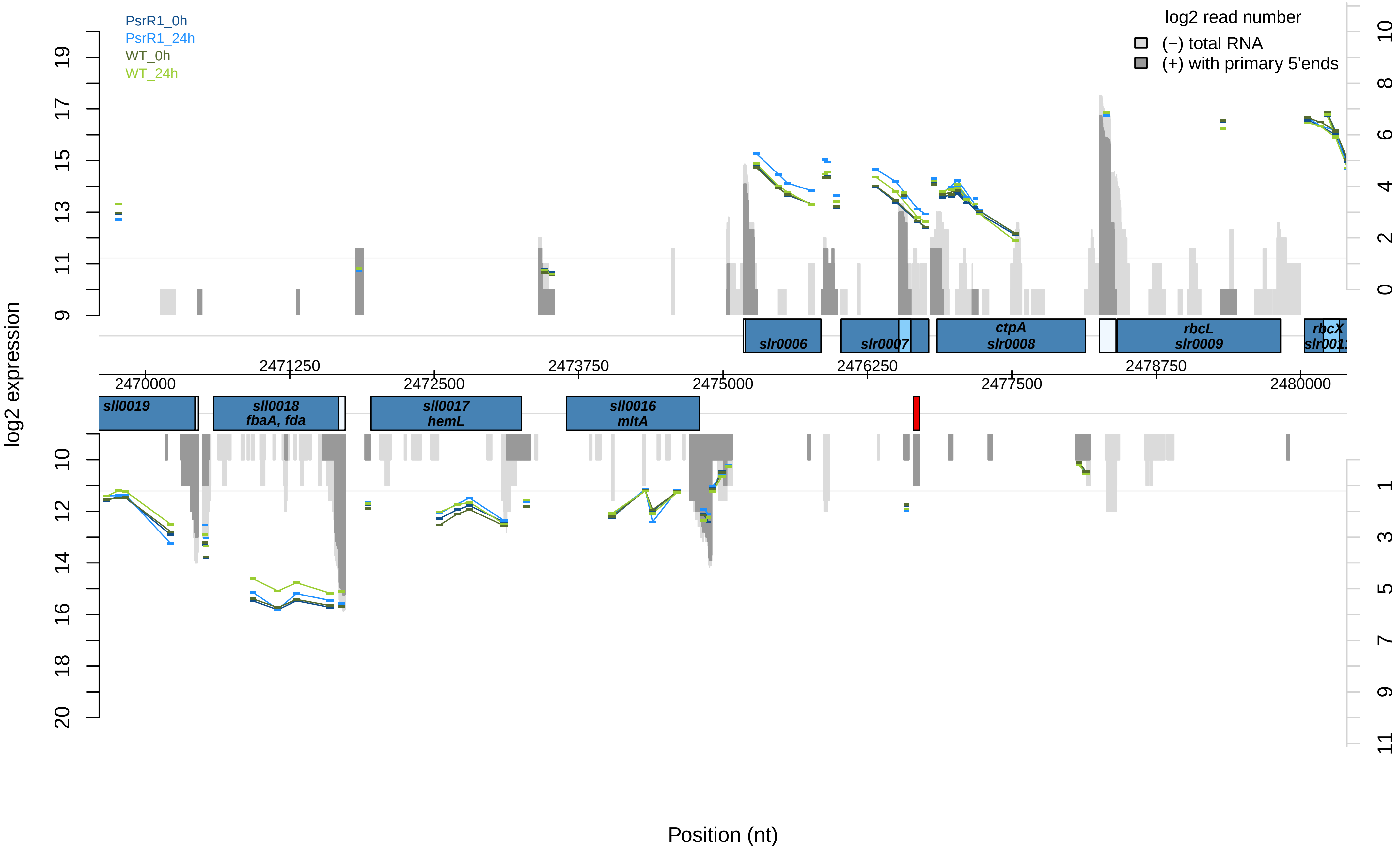
sll0309
sll0024
sll0023
sll0022
sll0021
sll0020
clpC
sll0019
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
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12
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16
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8
6
4
2
0
1
3
5
7
9
11
slr0006
slr0007
ctpA
slr0008
rbcL
slr0009
rbcX
slr001
2471250
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2476250
2478750
2470000
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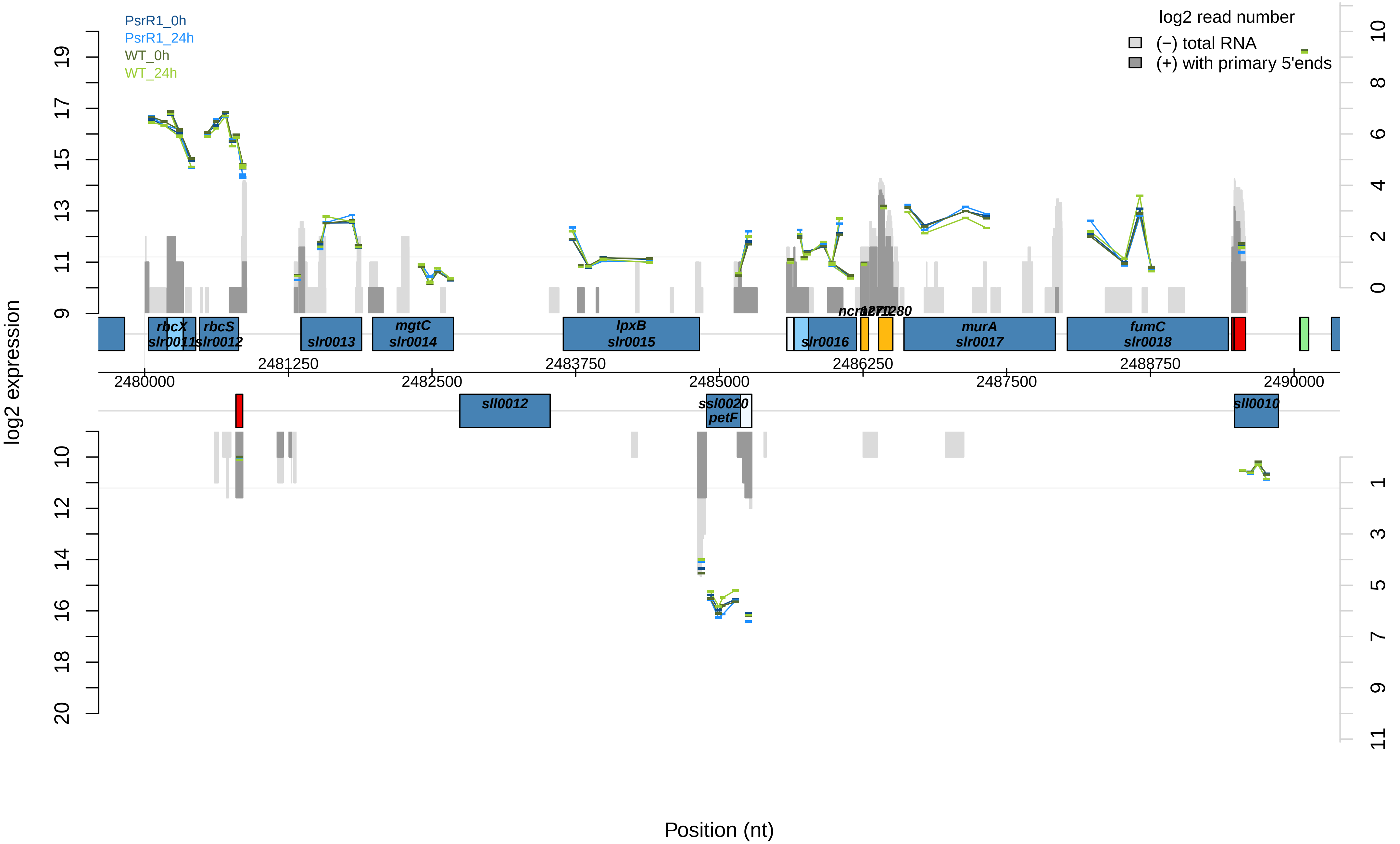
sll0018
fbaA, fda
sll0017
hemL
sll0016
mltA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
Position (nt)
rbcX
slr0011
rbcS
slr0012
slr0013
mgtC
slr0014
lpxB
slr0015
slr0016
ncr1270
1280
murA
slr0017
fumC
slr0018
sll0012
ssl0020
petF
sll0010
2480000
2481250
2482500
2483750
2485000
2486250
2487500
2488750
2490000
9
11
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9
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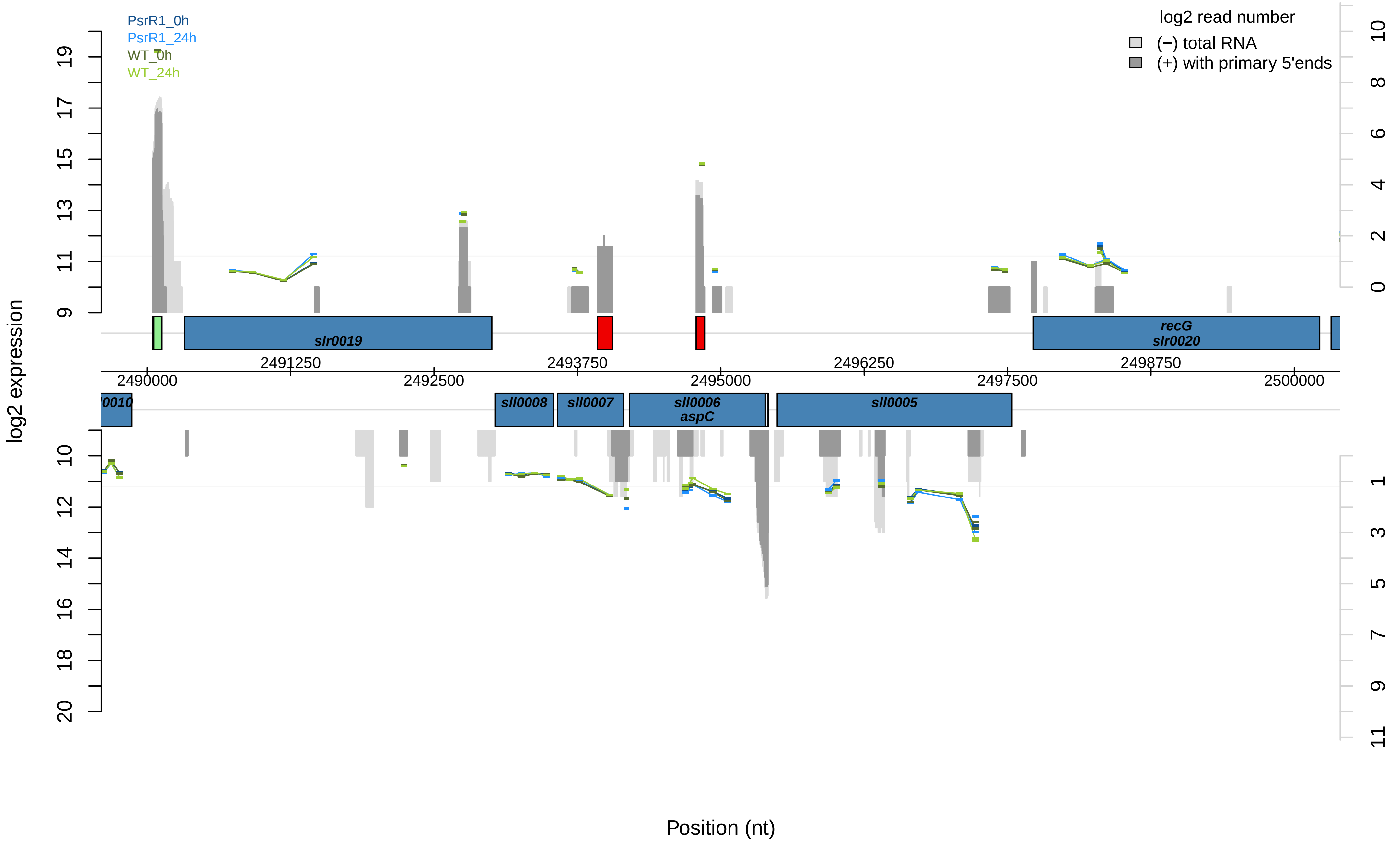
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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4
6
8
10
1
3
5
7
9
11
slr0019
recG
slr0020
l0010
sll0008
sll0007
sll0006
aspC
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2496250
2497500
2498750
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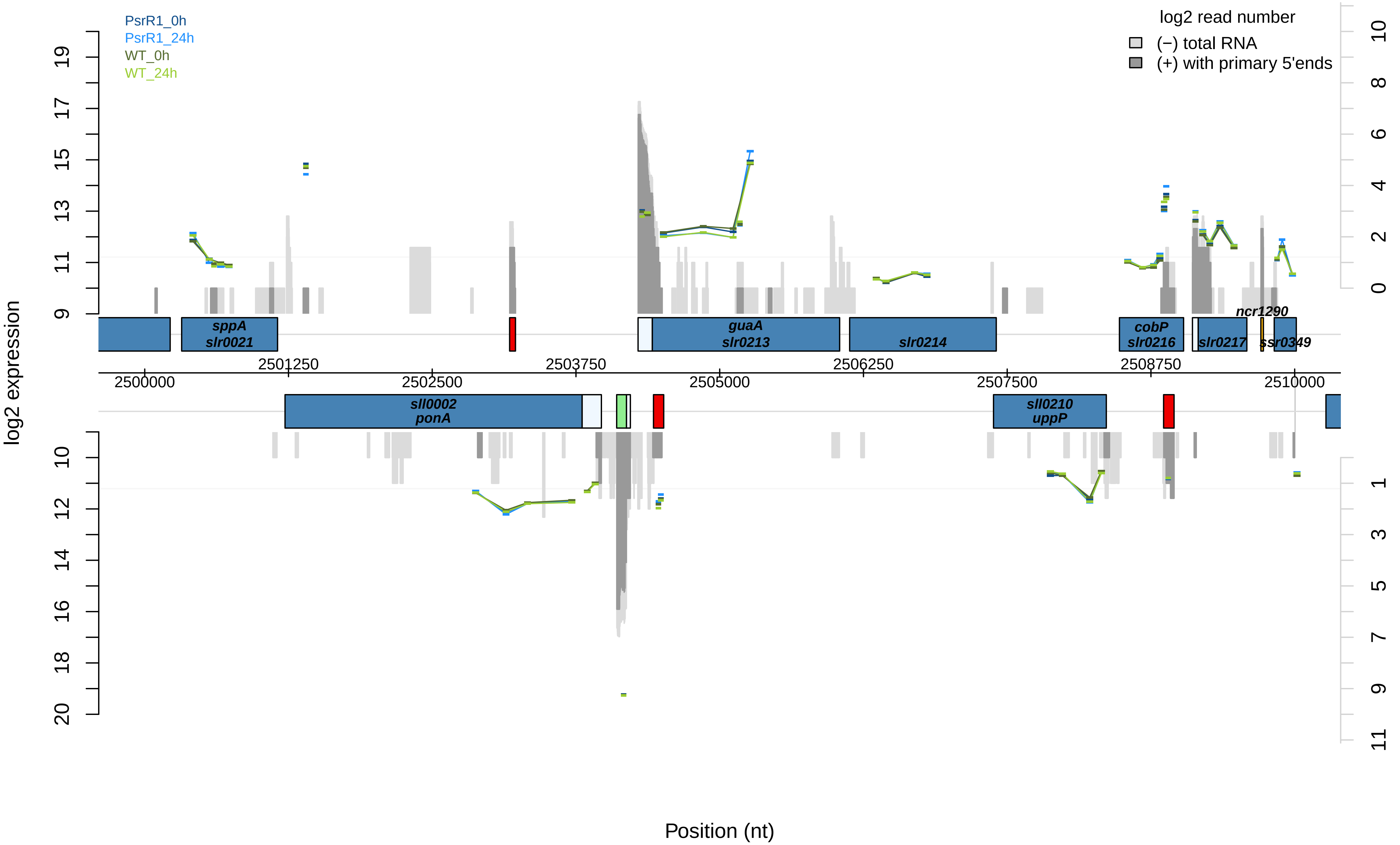
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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6
8
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1
3
5
7
9
11
sppA
slr0021
guaA
slr0213
slr0214
cobP
slr0216
slr0217
ncr1290
ssr0349
2500000
2501250
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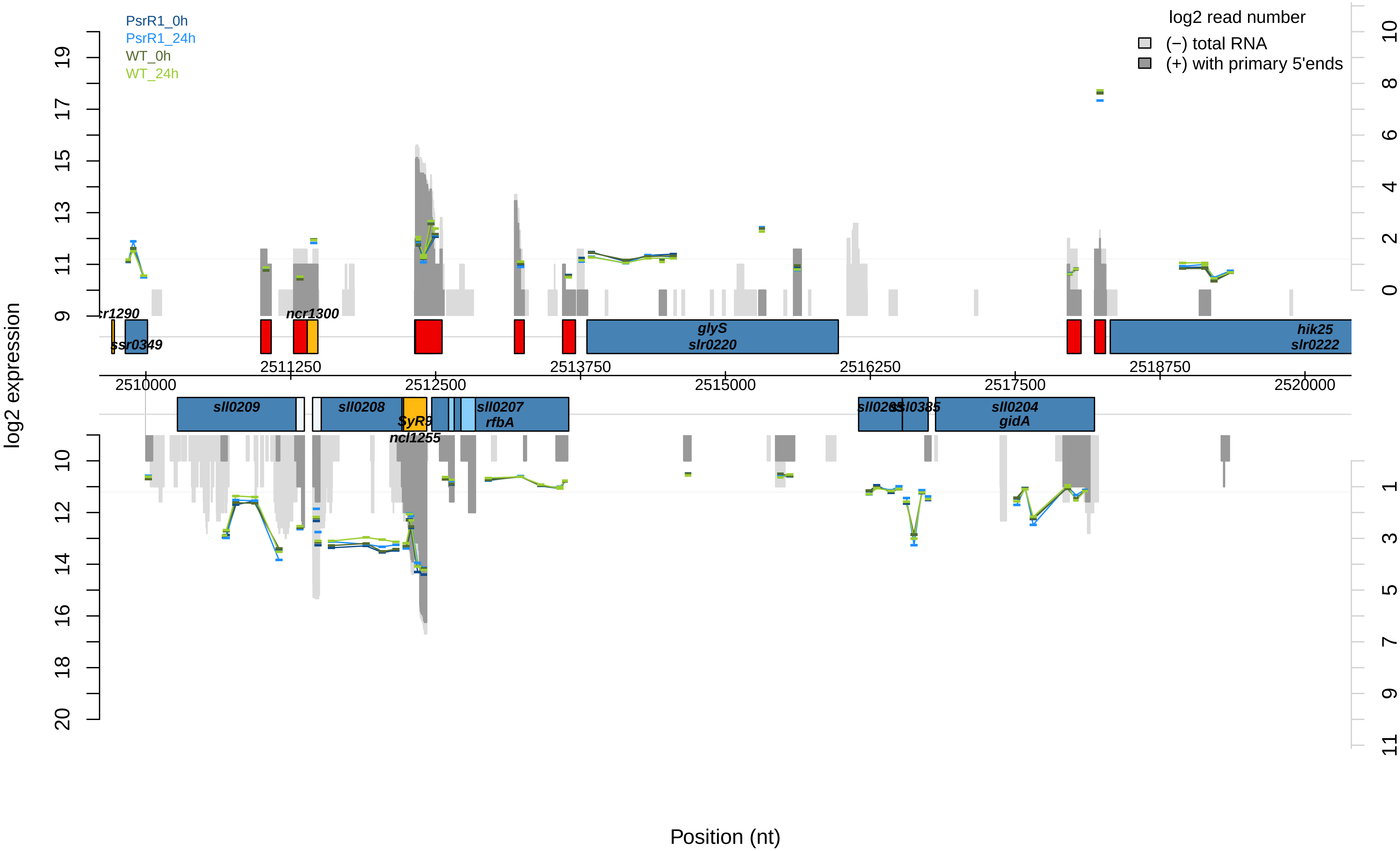
2508750
2510000
sll0002
ponA
sll0210
uppP
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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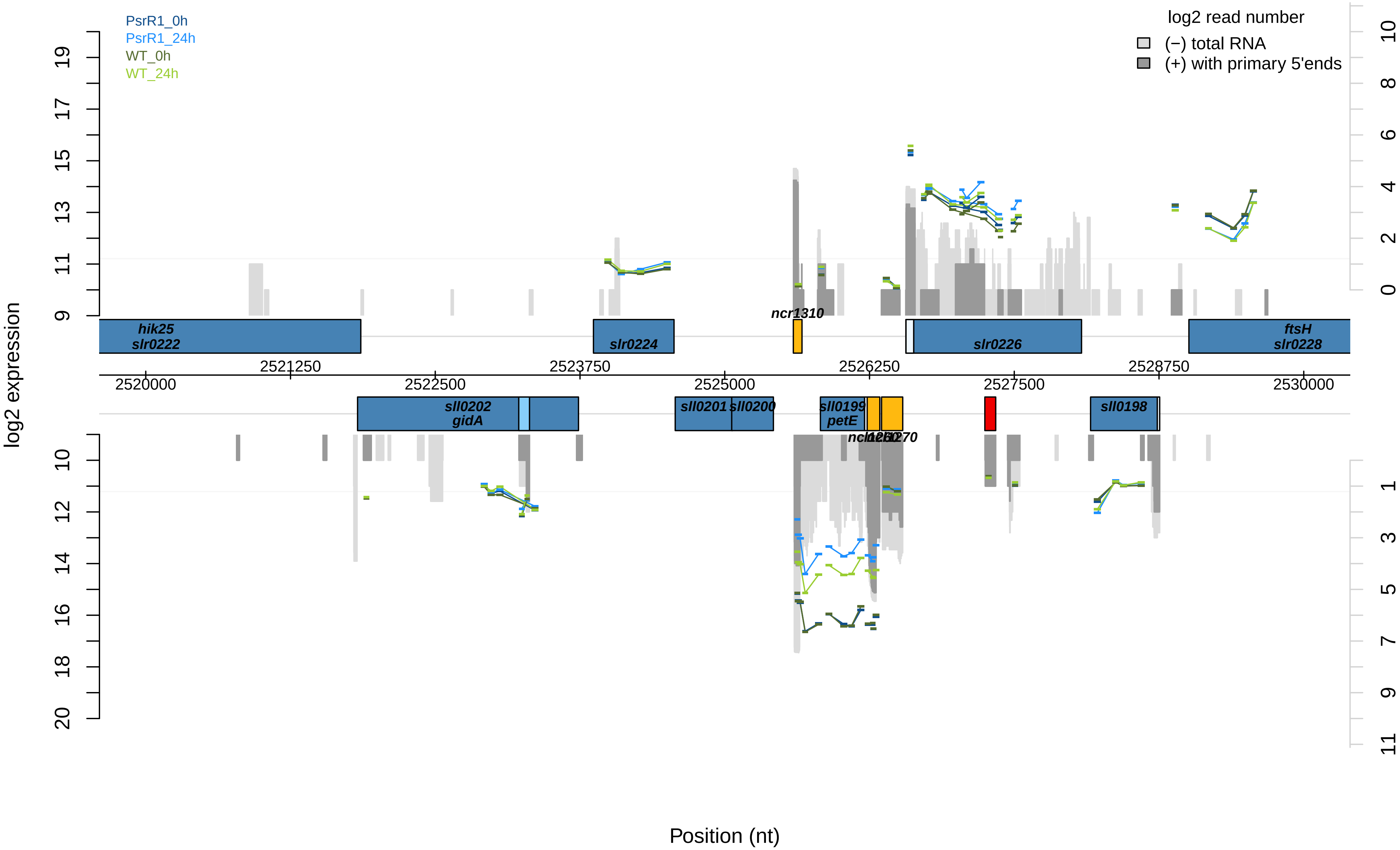
1
3
5
7
9
11
r1290
ssr0349
ncr1300
glyS
slr0220
hik25
slr0222
2511250
2513750
2516250
2518750
2510000
2512500
2515000
2517500
2520000
sll0209
sll0208
SyR9
ncl1255
sll0207
rfbA
sll0205
sll0385
sll0204
gidA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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0
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4
6
8
10
1
3
5
7
9
11
hik25
slr0222
slr0224
ncr1310
slr0226
ftsH
slr0228
2521250
2523750
2526250
2528750
2520000
2522500
2525000
2527500
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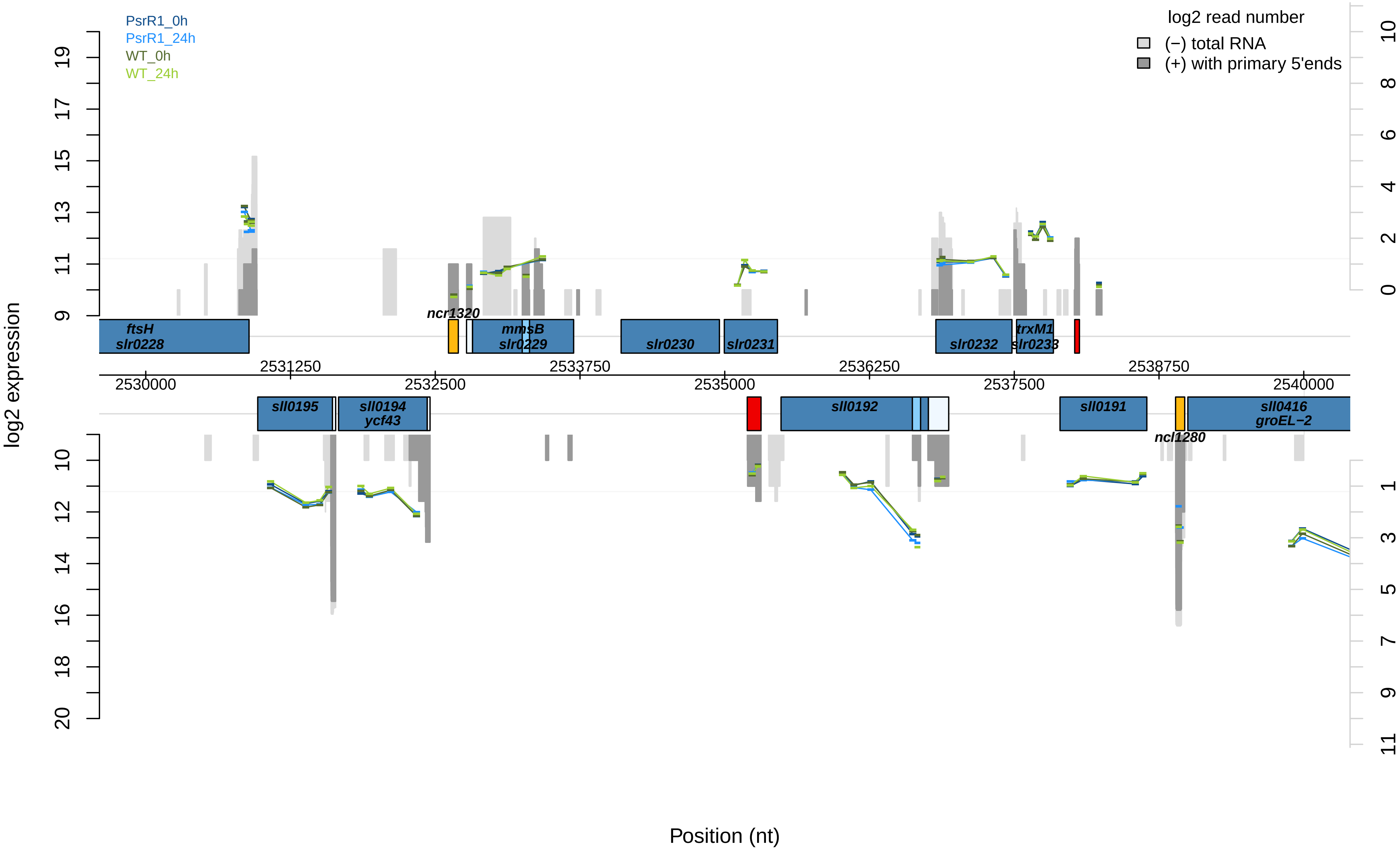
gidA
sll0201
sll0200
sll0199
petE
ncl1260
ncl1270
sll0198
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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18
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0
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4
6
8
10
1
3
5
7
9
11
ftsH
slr0228
ncr1320
mmsB
slr0229
slr0230
slr0231
slr0232
trxM1
slr0233
2531250
2532500
2533750
2535000
2536250
2537500
2538750
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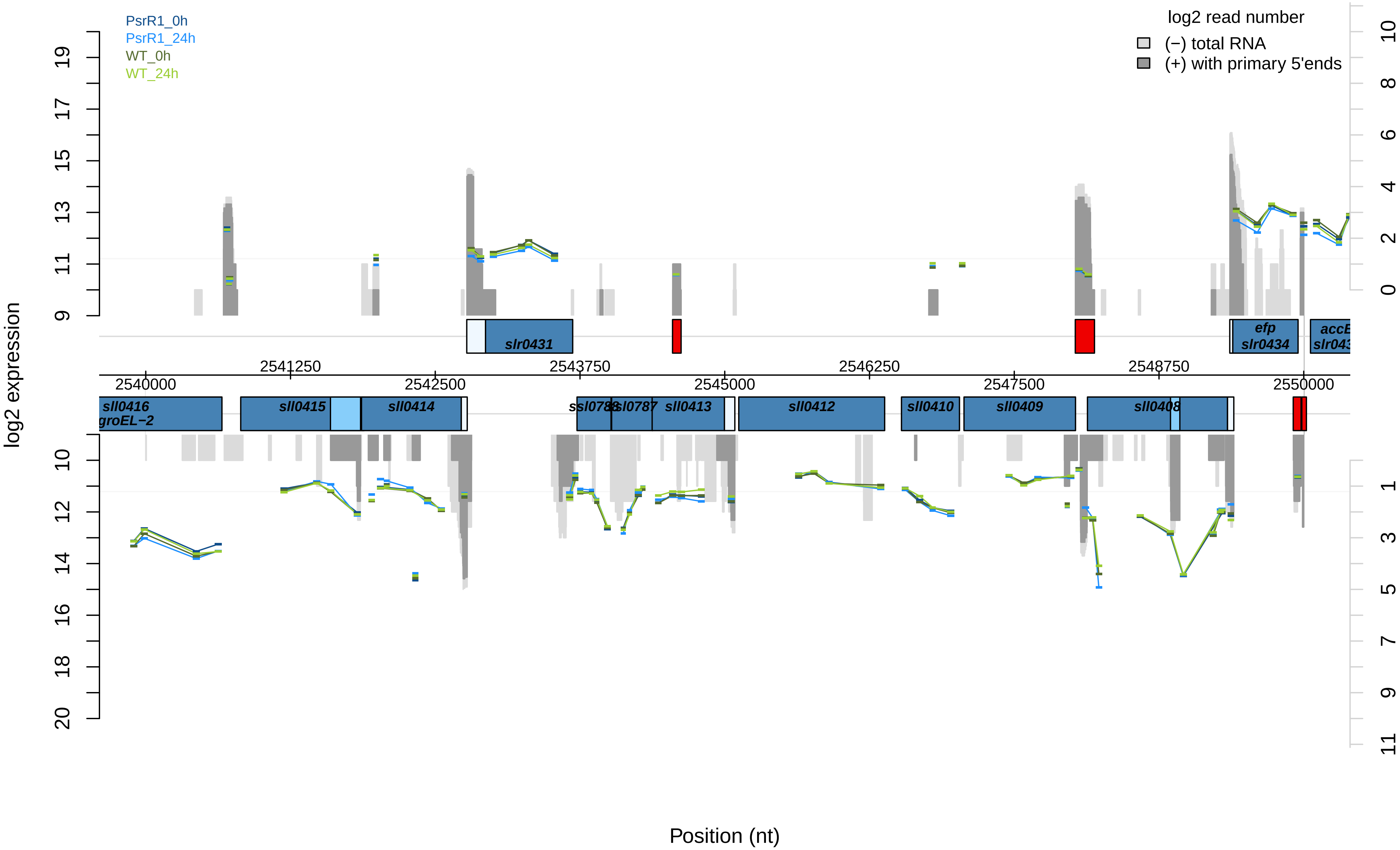
sll0194
ycf43
sll0192
sll0191
ncl1280
sll0416
groEL−2
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
0
2
4
6
8
10
slr0431
efp
slr0434
accB
slr043
2541250
2543750
2546250
2548750
2540000
2542500
2545000
2547500
2550000
sll0416
groEL−2
sll0415
sll0414
ssl0788
sll0787
sll0413
sll0412
sll0410
sll0409
sll0408
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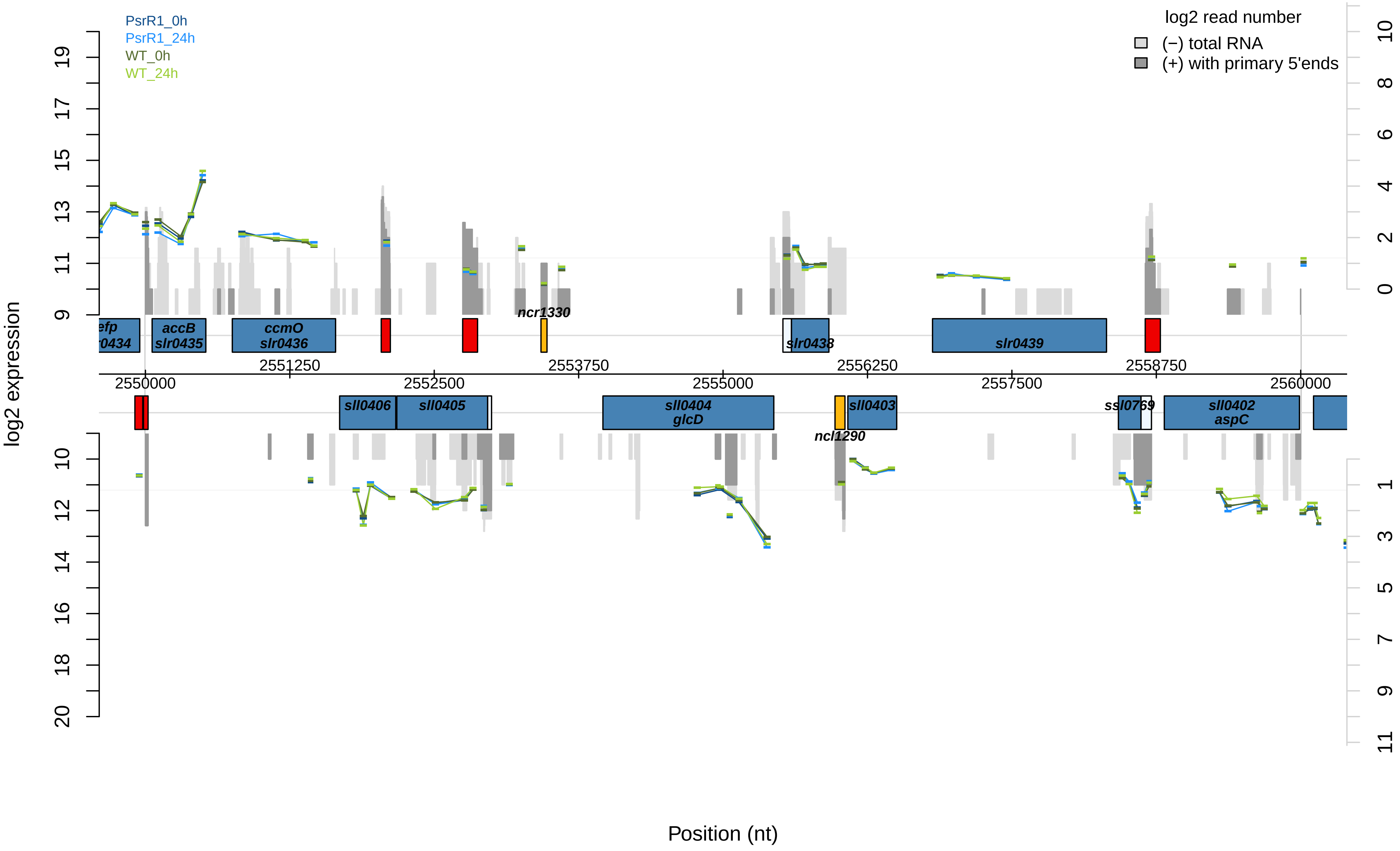
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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8
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1
3
5
7
9
11
efp
r0434
accB
slr0435
ccmO
slr0436
ncr1330
slr0438
slr0439
2551250
2553750
2556250
2558750
2550000
2552500
2555000
2557500
2560000
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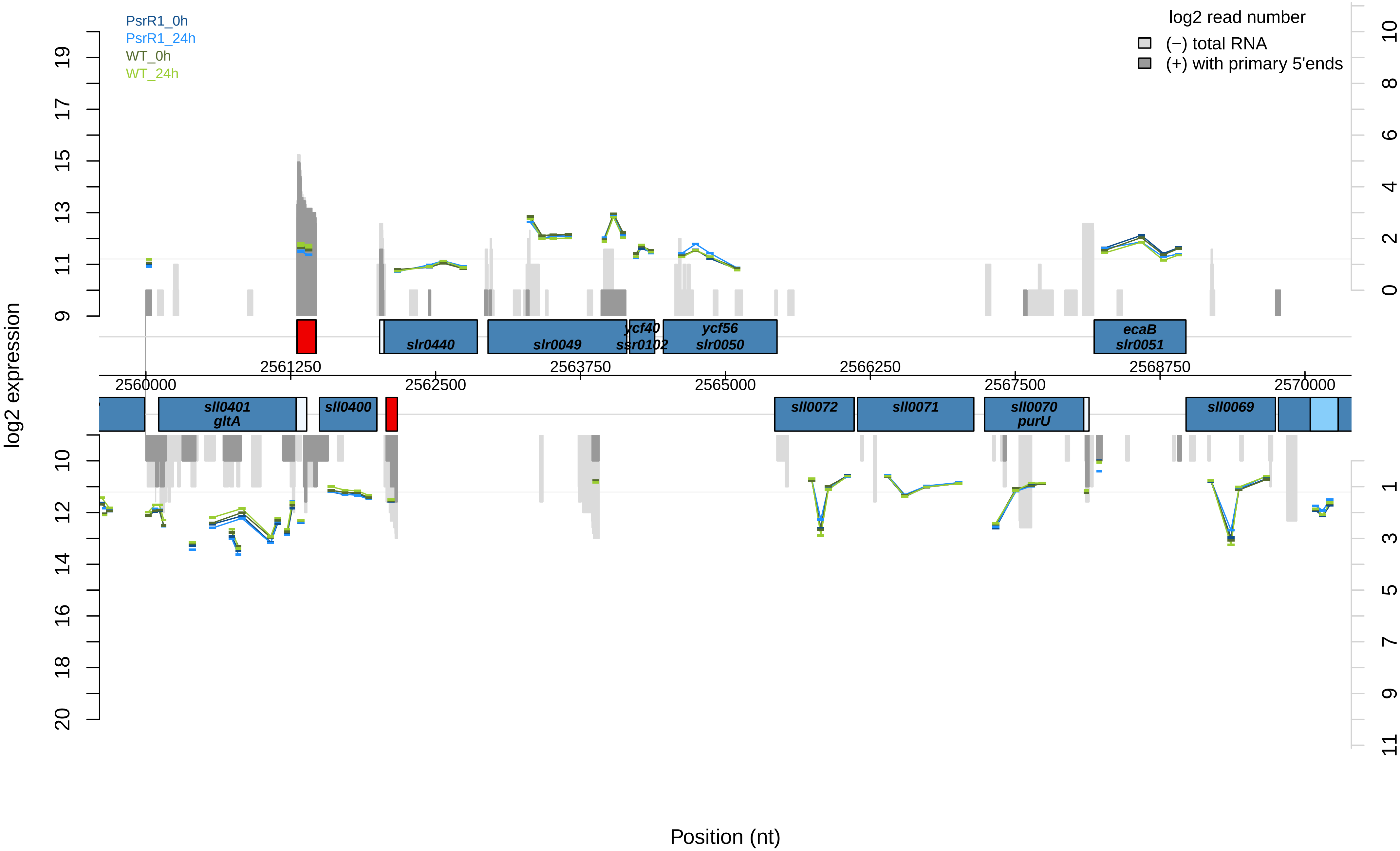
sll0405
sll0404
glcD
ncl1290
sll0403
ssl0769
sll0402
aspC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
10
1
3
5
7
9
11
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slr0049
ycf40
ssr0102
ycf56
slr0050
ecaB
slr0051
2561250
2563750
2566250
2568750
2560000
2562500
2565000
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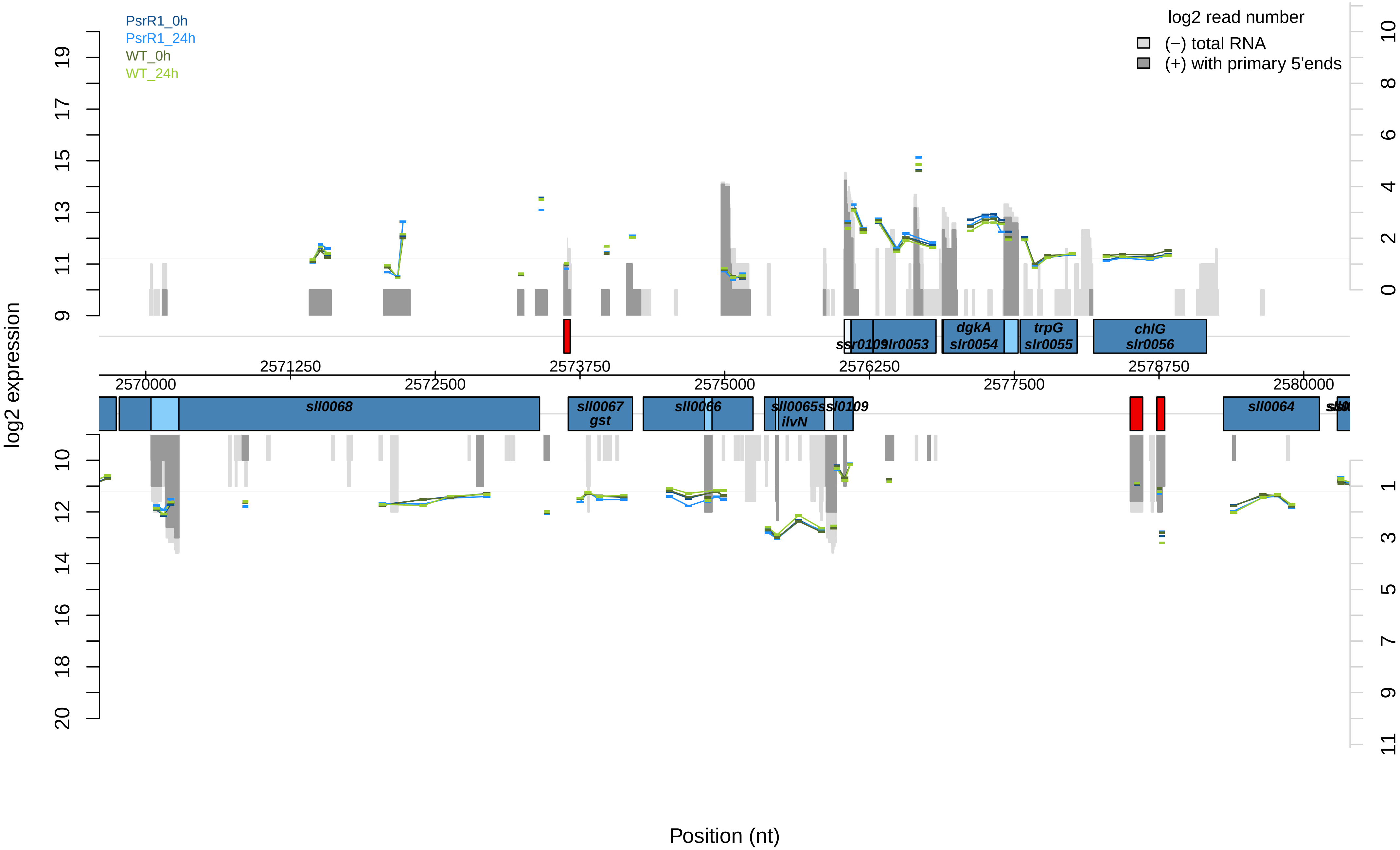
gltA
sll0400
sll0072
sll0071
sll0070
purU
sll0069
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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11
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6
8
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1
3
5
7
9
11
ssr0109
slr0053
dgkA
slr0054
trpG
slr0055
chlG
slr0056
2571250
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2576250
2578750
2570000
2572500
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gst
sll0066
sll0065
ssl0109
ilvN
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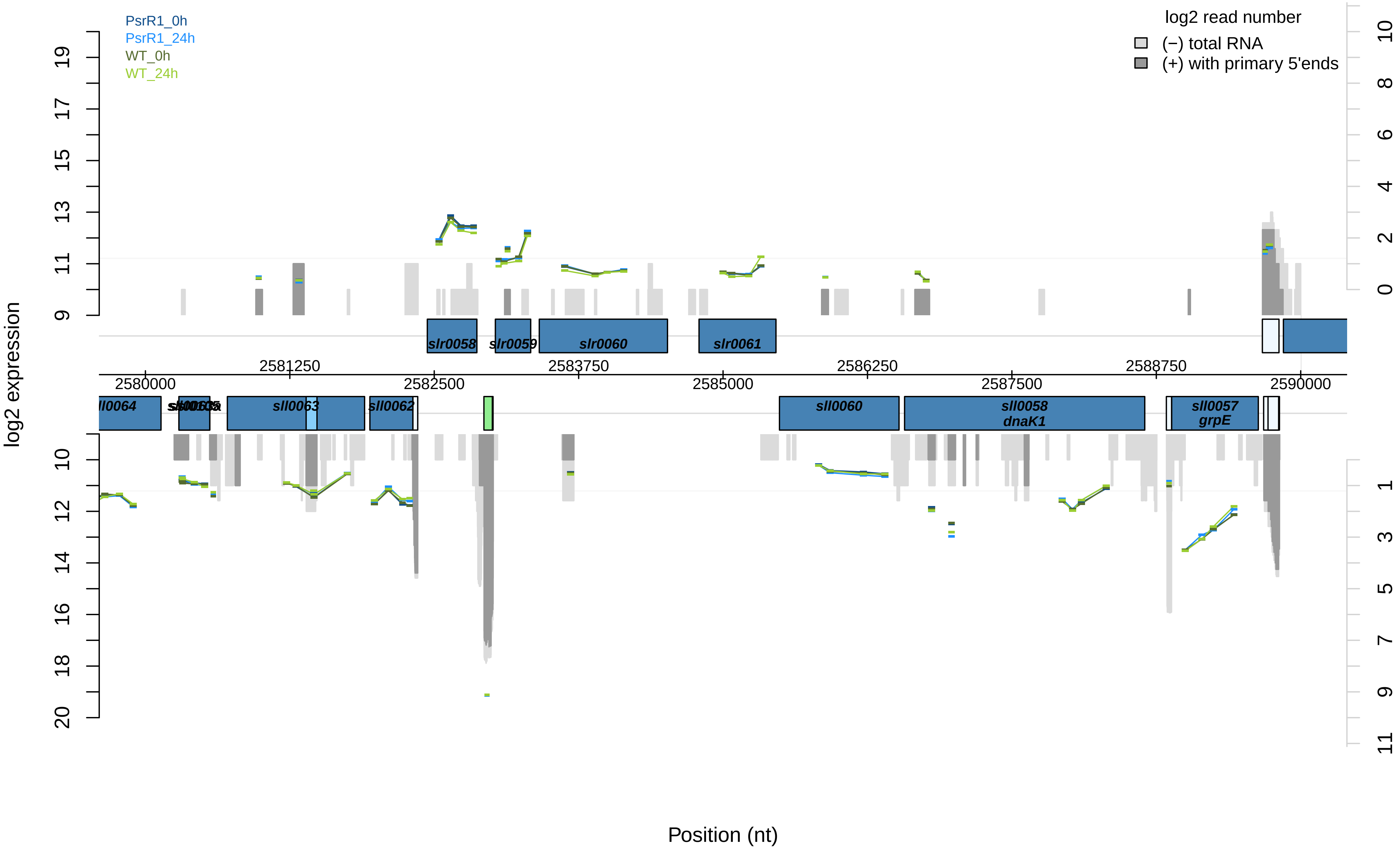
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
19
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16
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20
0
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6
8
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1
3
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7
9
11
slr0058
slr0059
slr0060
slr0061
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2586250
2587500
2588750
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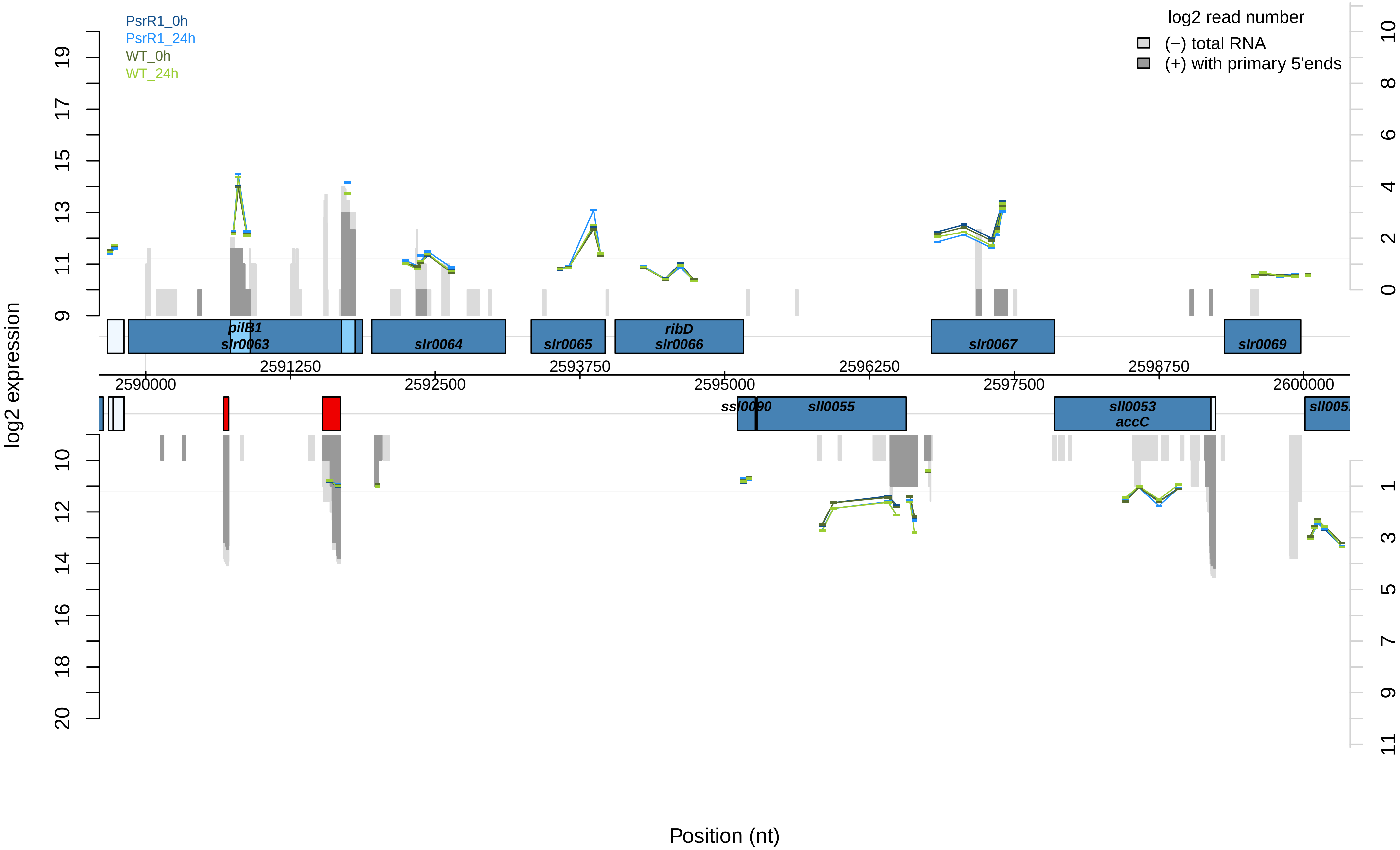
sll0063
sll0062
sll0060
sll0058
dnaK1
sll0057
grpE
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
17
19
0
2
4
6
8
10
pilB1
slr0063
slr0064
slr0065
ribD
slr0066
slr0067
slr0069
2591250
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2598750
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2595000
2597500
2600000
ssl0090
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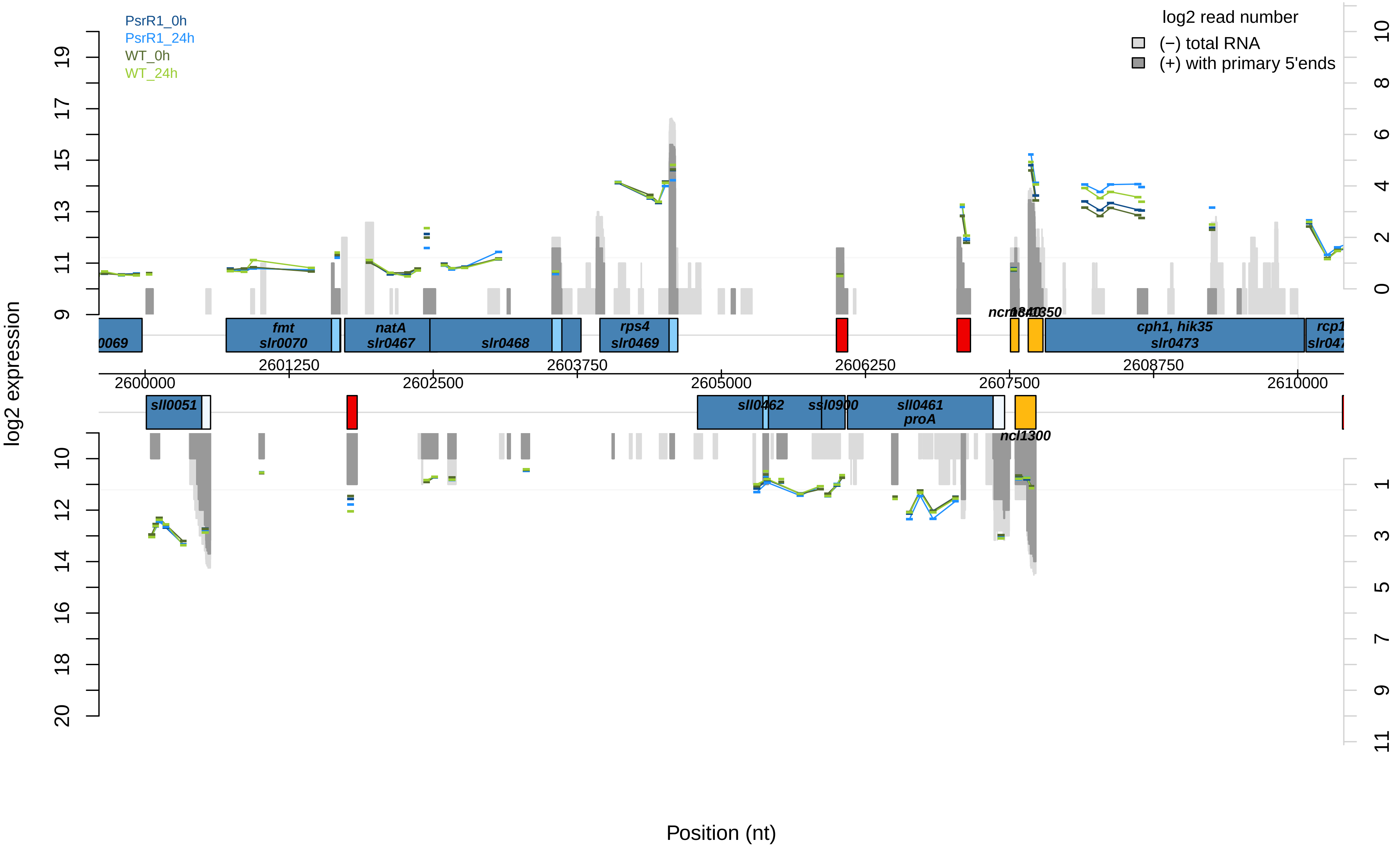
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
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16
18
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10
1
3
5
7
9
11
0069
fmt
slr0070
natA
slr0467
slr0468
rps4
slr0469
ncr1840350
cph1, hik35
slr0473
rcp1
slr047
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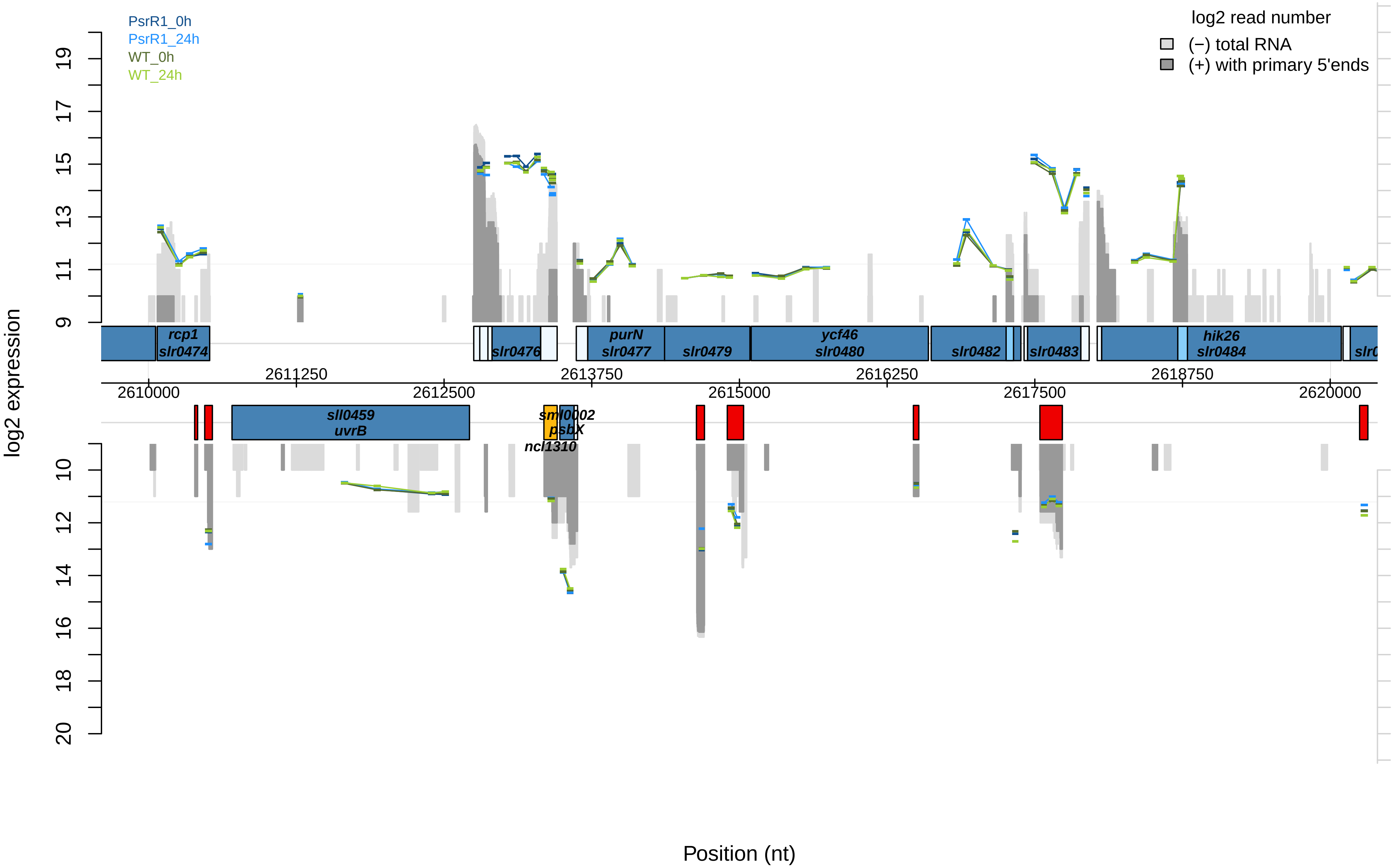
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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8
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7
9
11
rcp1
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slr0476
purN
slr0477
slr0479
ycf46
slr0480
slr0482
slr0483
hik26
slr0484
slr0
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2616250
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sml0002
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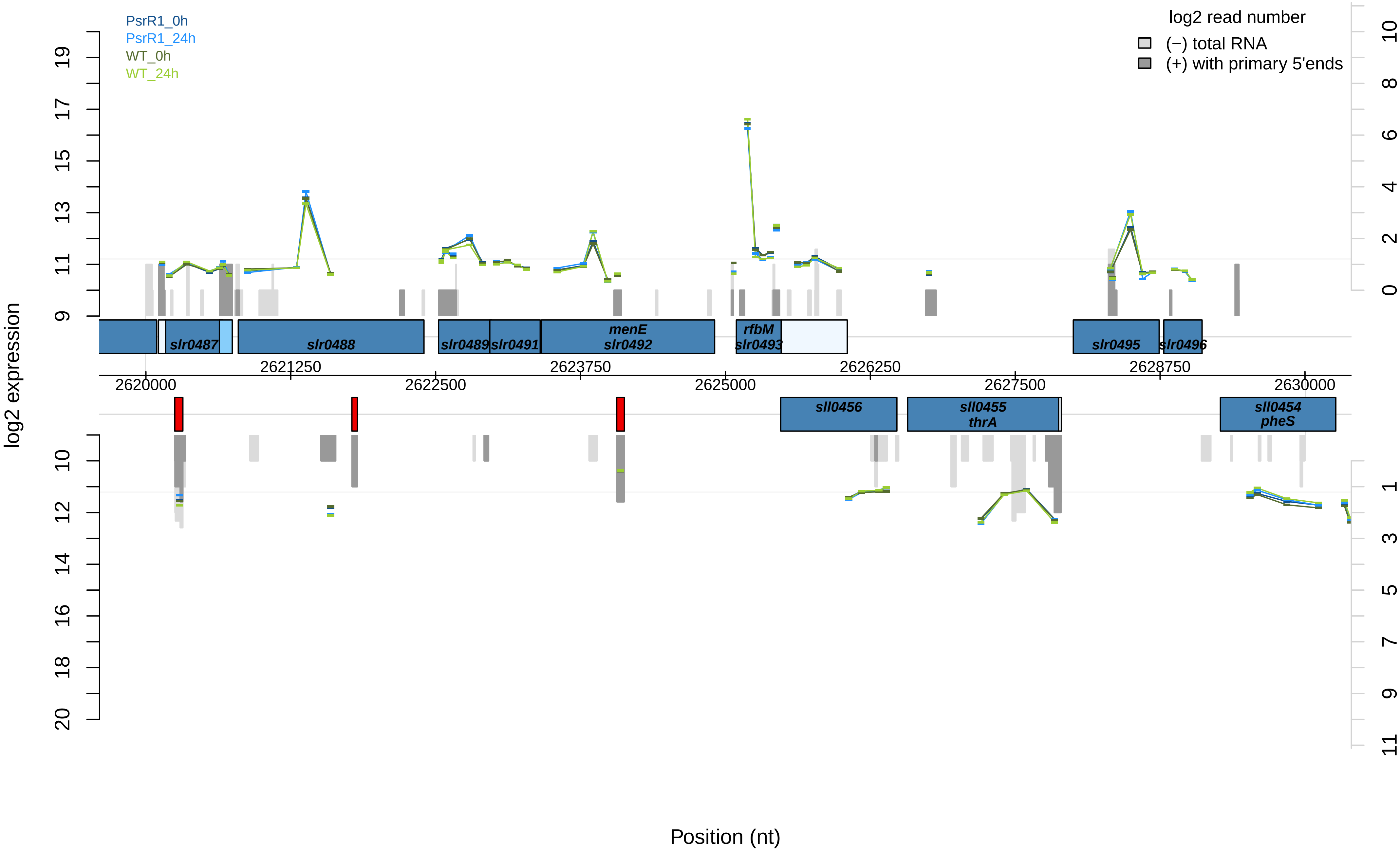
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
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6
8
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slr0487
slr0488
slr0489
slr0491
menE
slr0492
rfbM
slr0493
slr0495
slr0496
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2626250
2628750
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2622500
2625000
2627500
2630000
sll0456
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7
9
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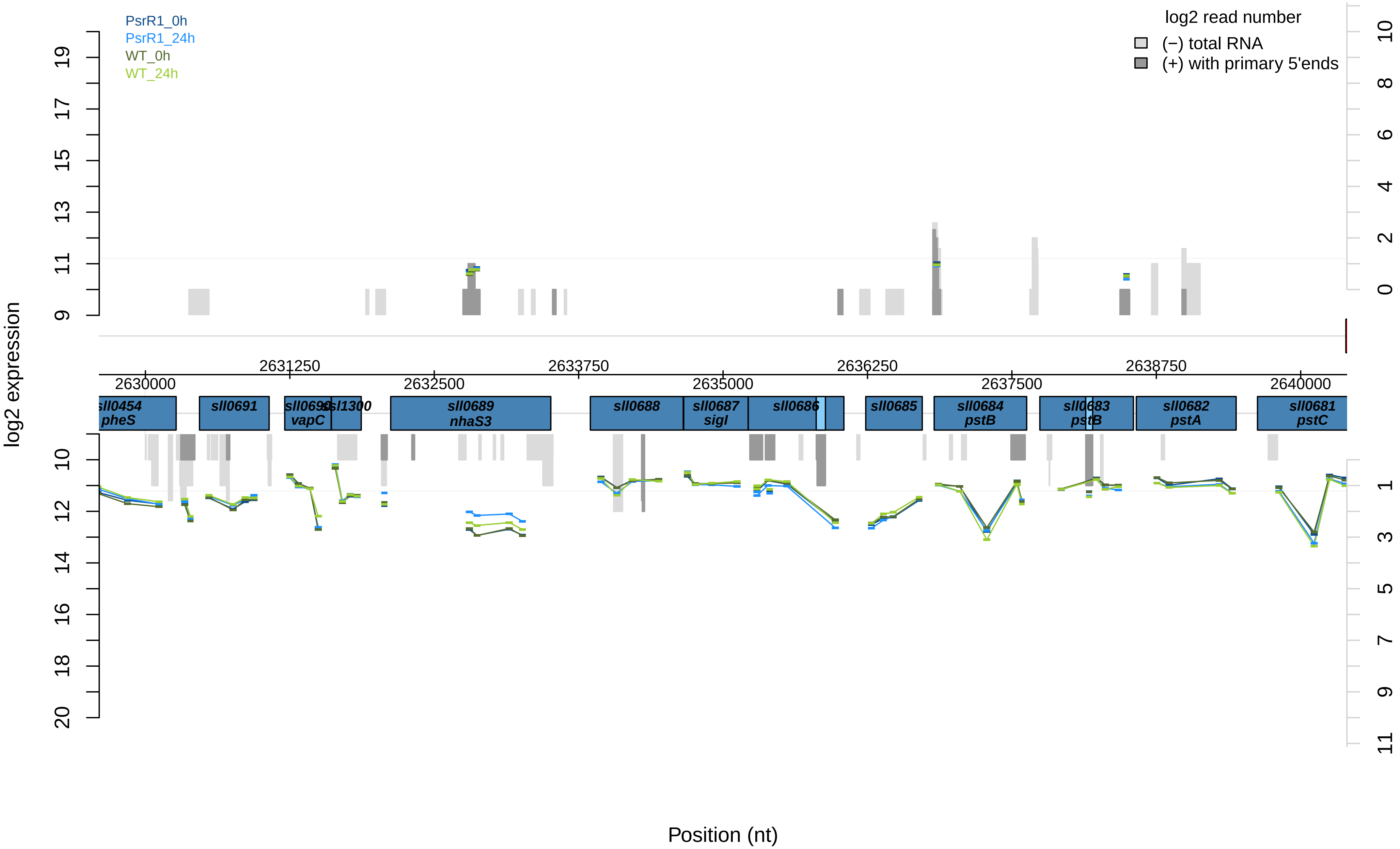
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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2640000
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pheS
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sll0690
vapC
ssl1300
sll0689
nhaS3
sll0688
sll0687
sigI
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pstB
sll0683
pstB
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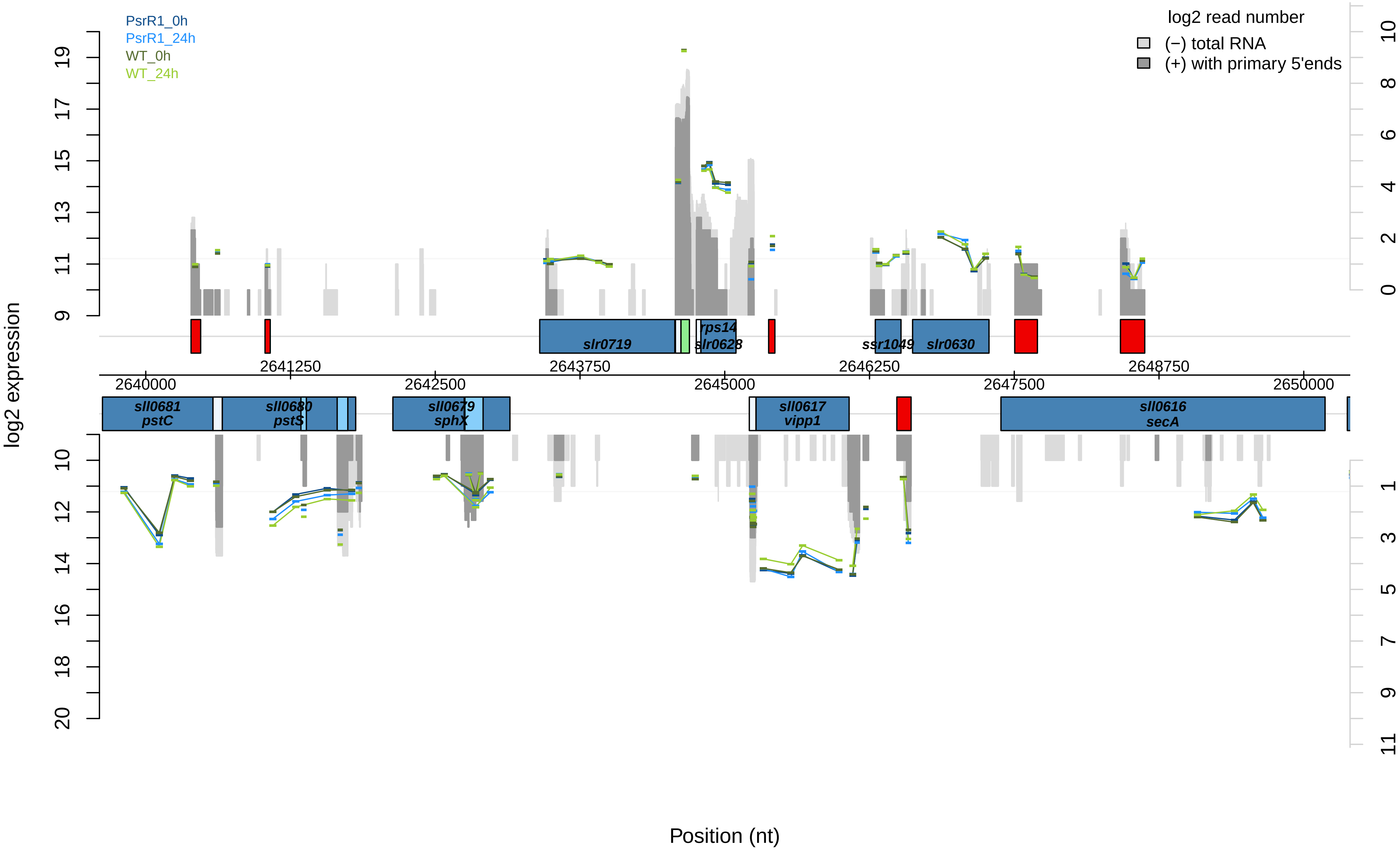
pstA
sll0681
pstC
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
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11
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rps14
slr0628
ssr1049
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2647500
2650000
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pstS
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vipp1
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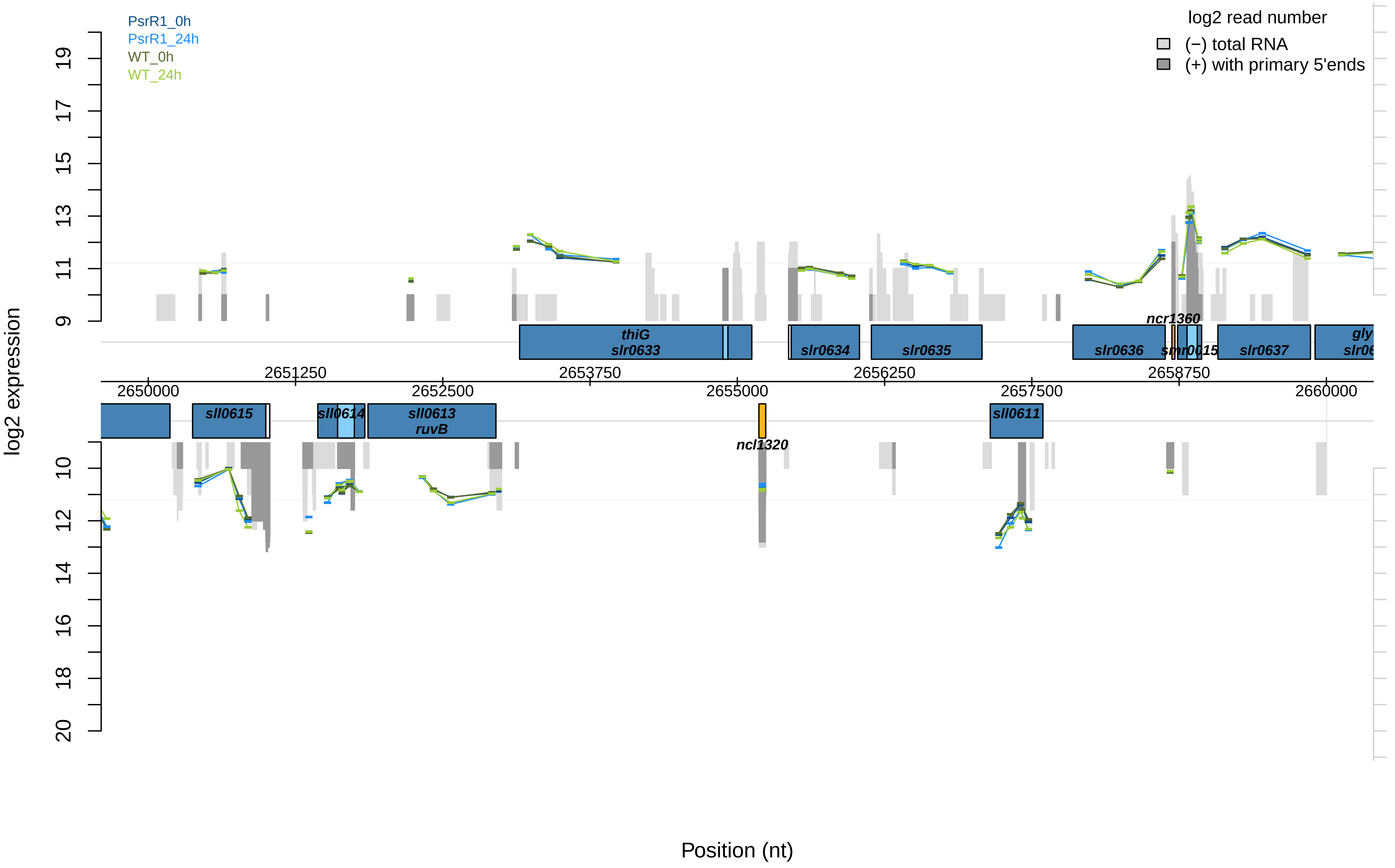
secA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
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11
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slr0634
slr0635
slr0636
ncr1360
smr0015
slr0637
gly
slr06
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2660000
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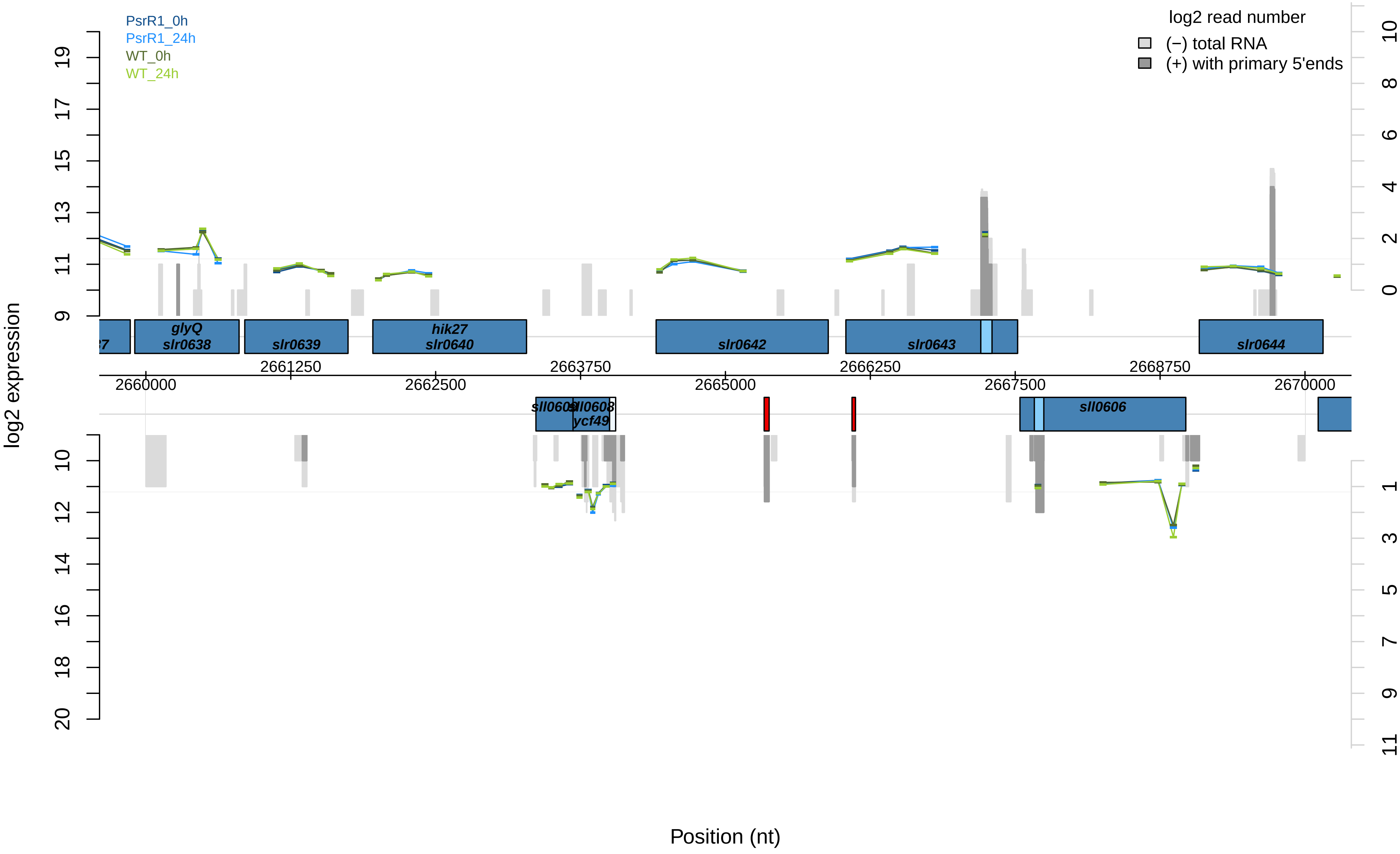
sll0614
sll0613
ruvB
ncl1320
sll0611
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
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17
19
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12
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16
18
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0
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4
6
8
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1
3
5
7
9
11
glyQ
slr0638
slr0639
hik27
slr0640
slr0642
slr0643
slr0644
sll0609
sll0608
ycf49
sll0606
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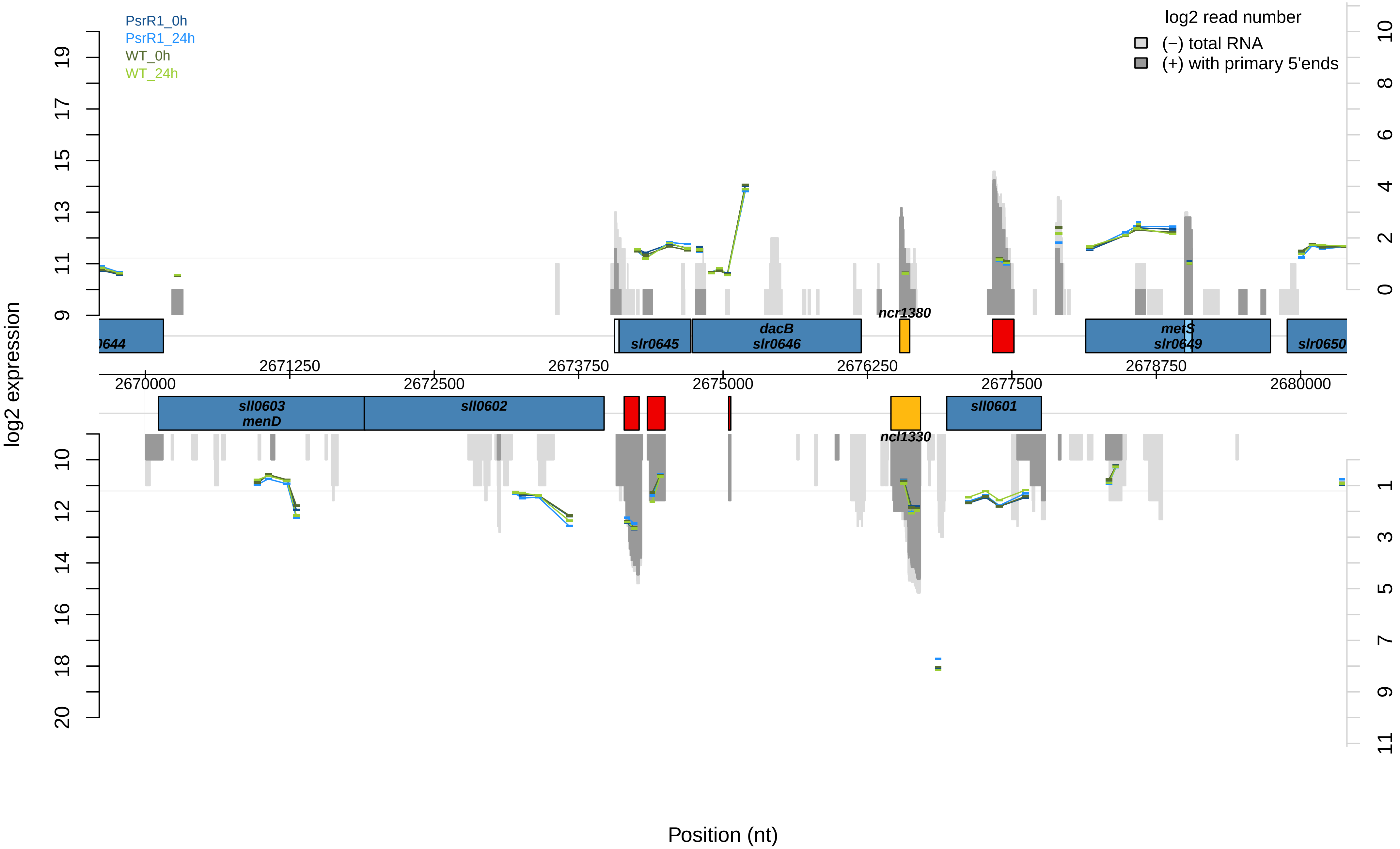
2661250
2662500
2663750
2665000
2666250
2667500
2668750
2670000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
15
17
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10
12
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16
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0
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11
0644
slr0645
dacB
slr0646
ncr1380
metS
slr0649
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2672500
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2678750
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menD
sll0602
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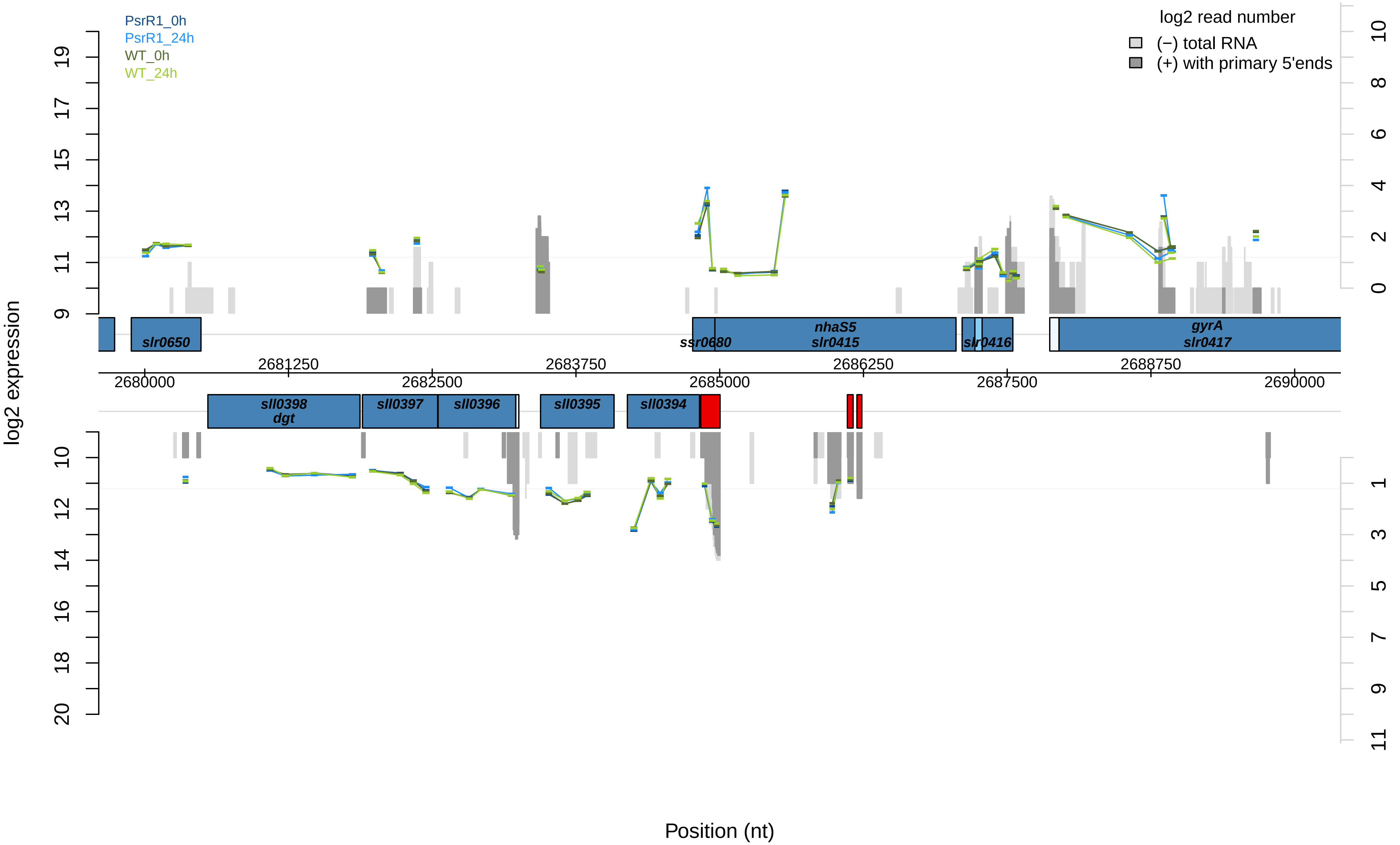
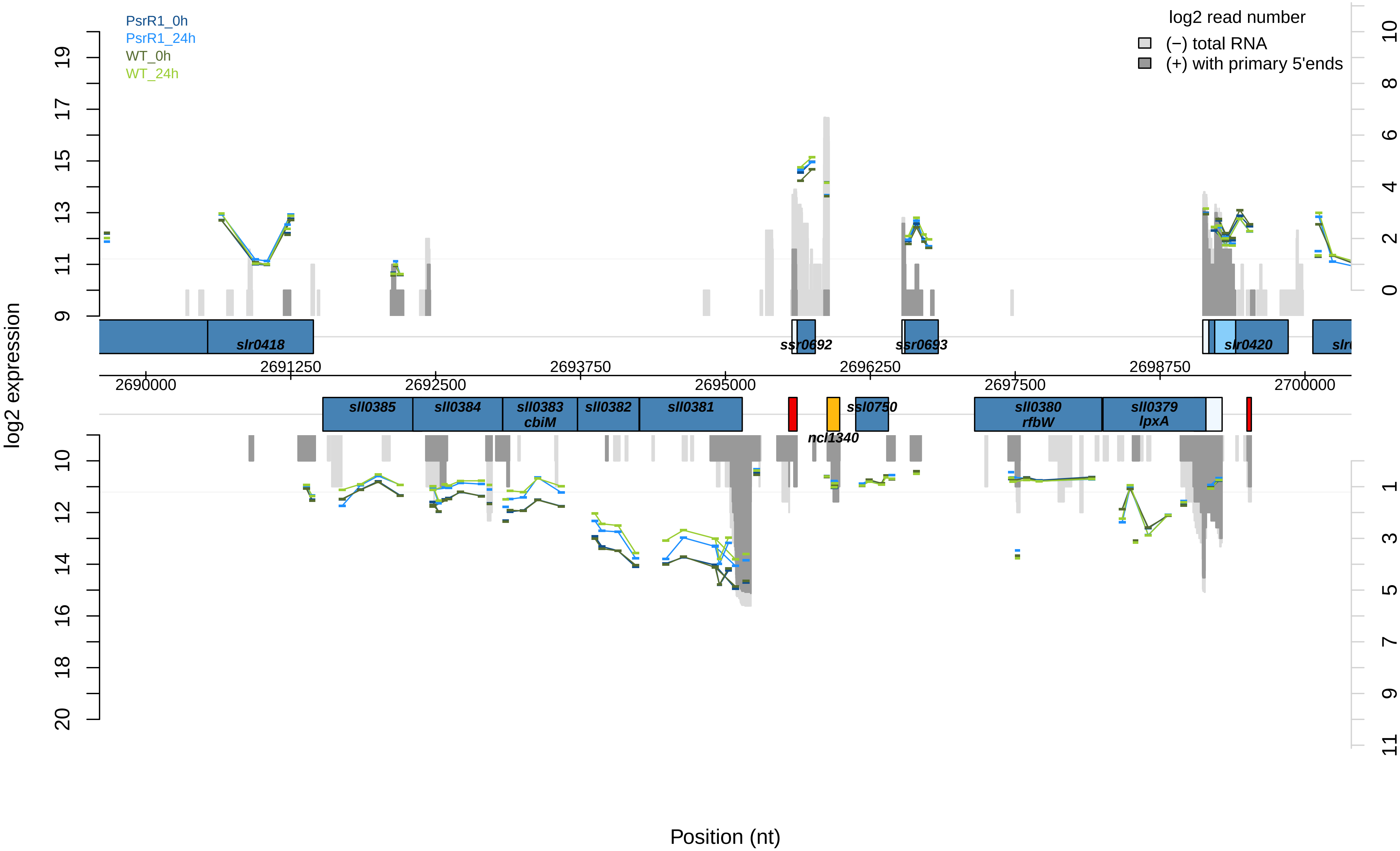
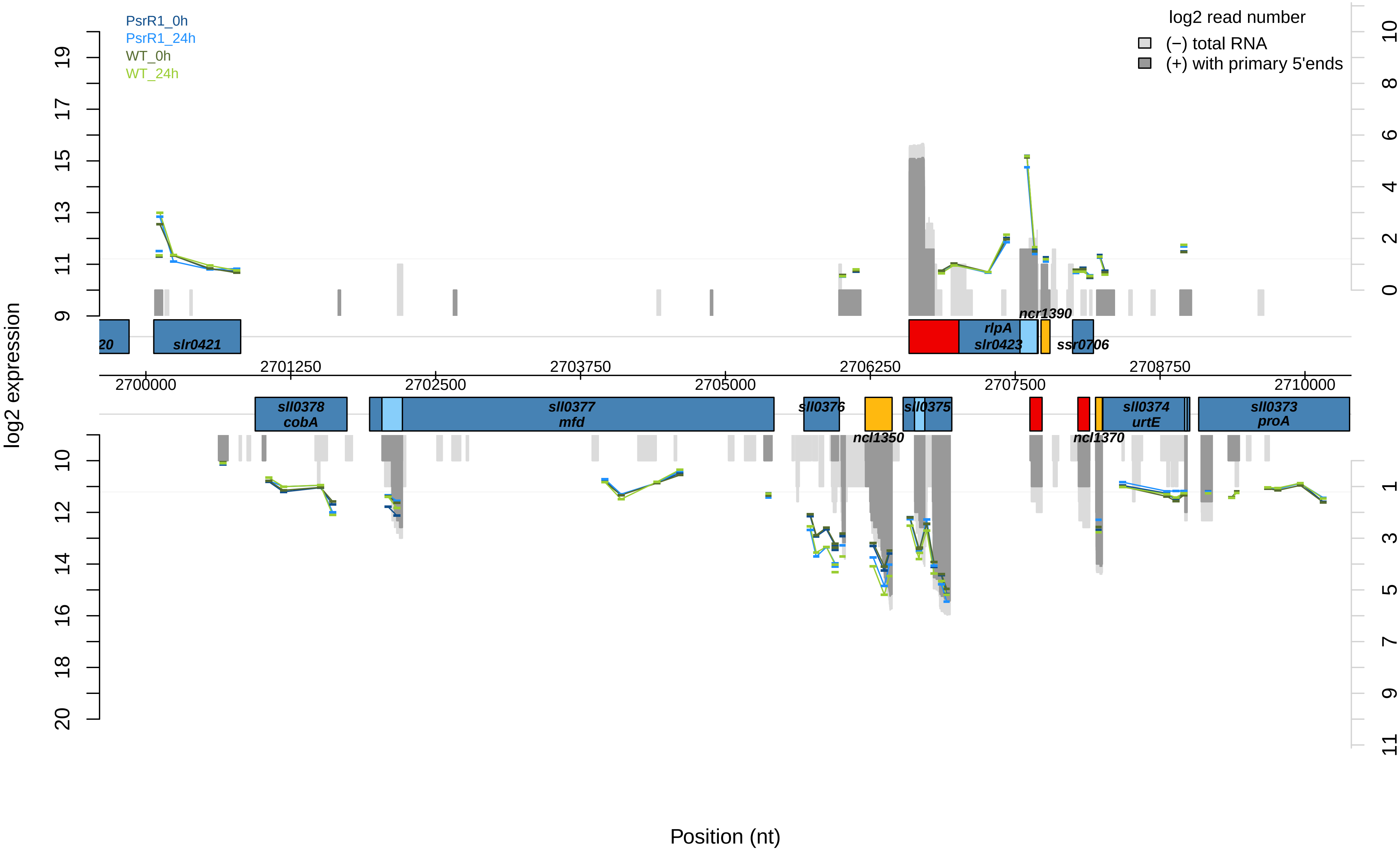
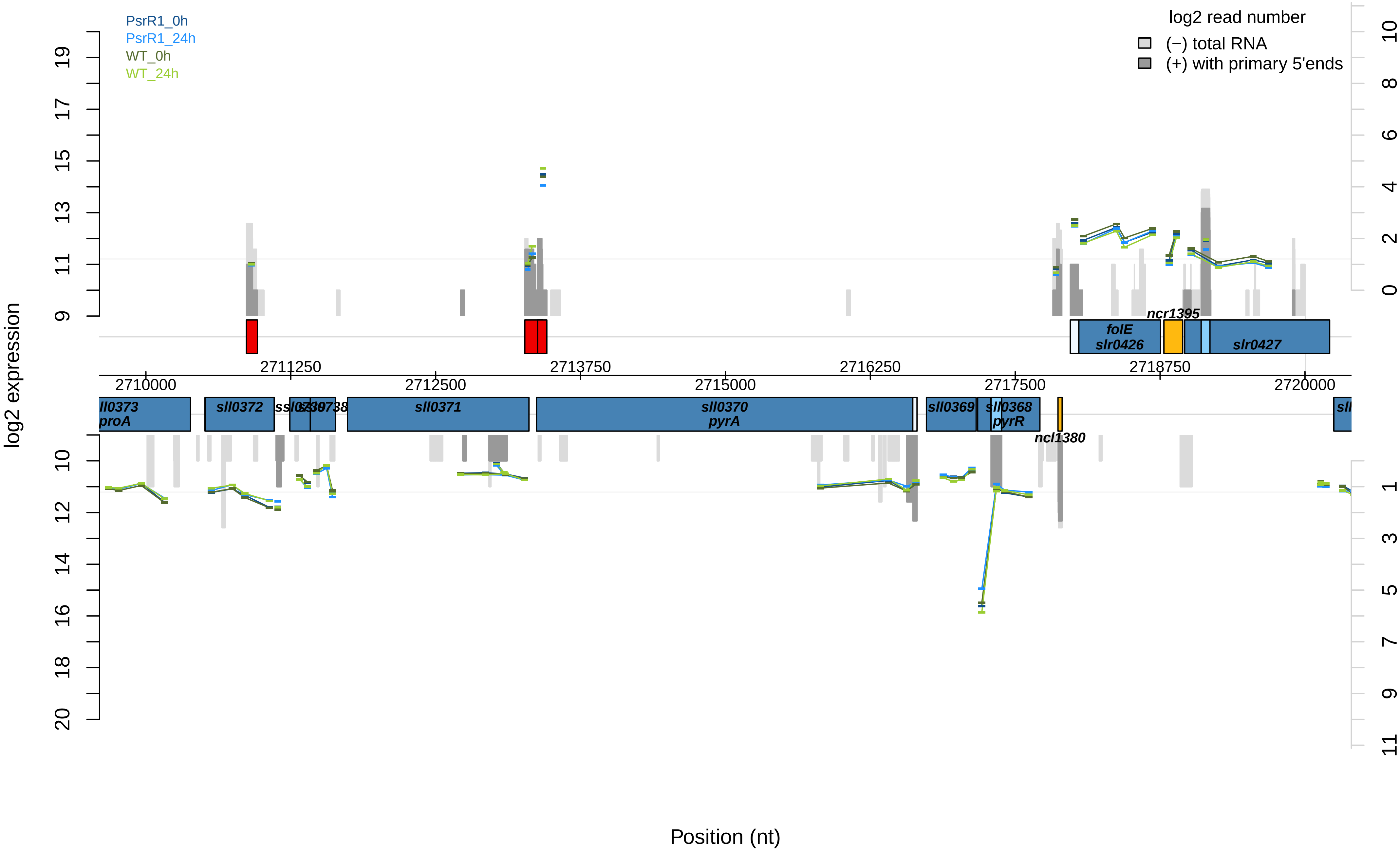
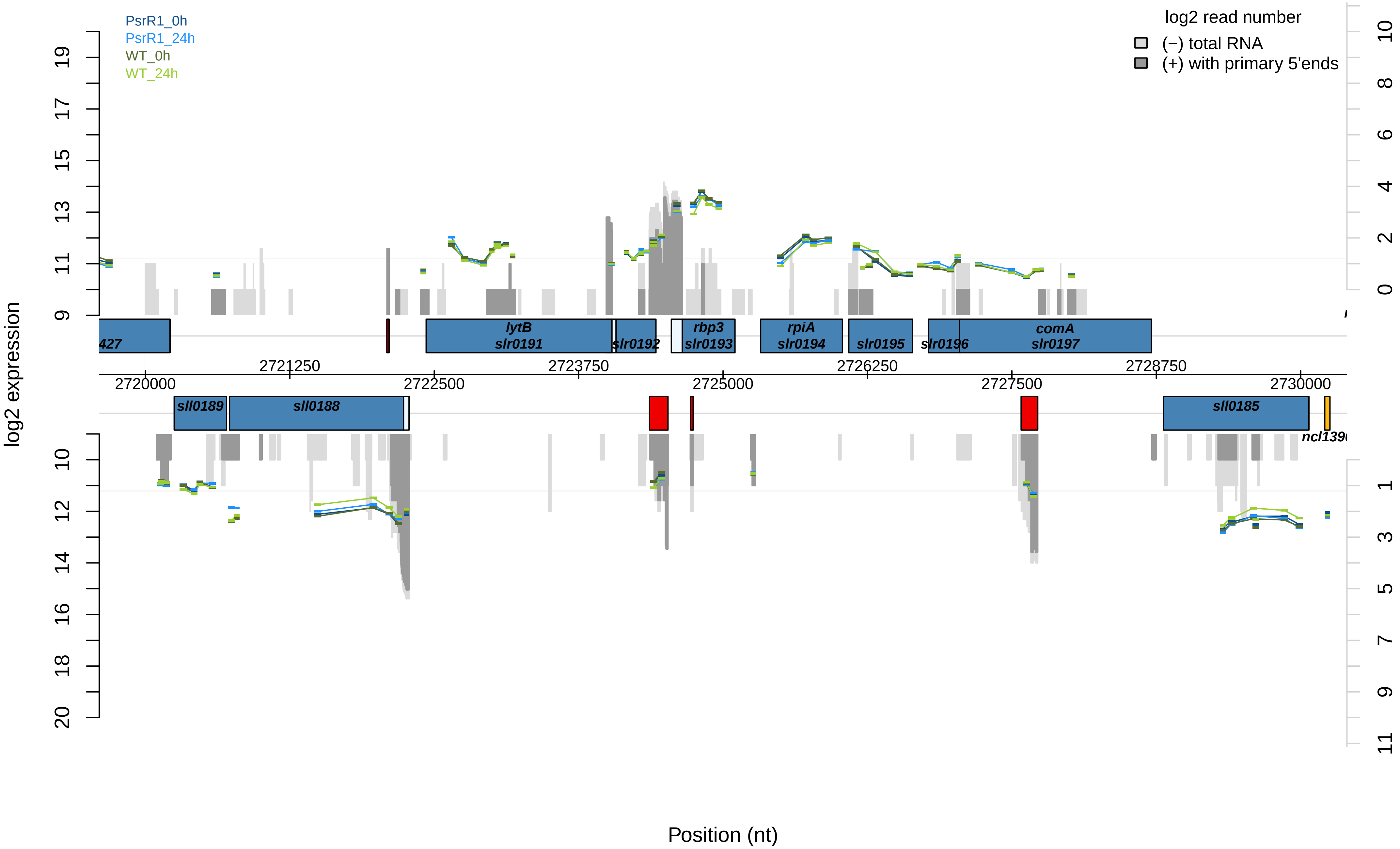
sll0601
Position (nt)

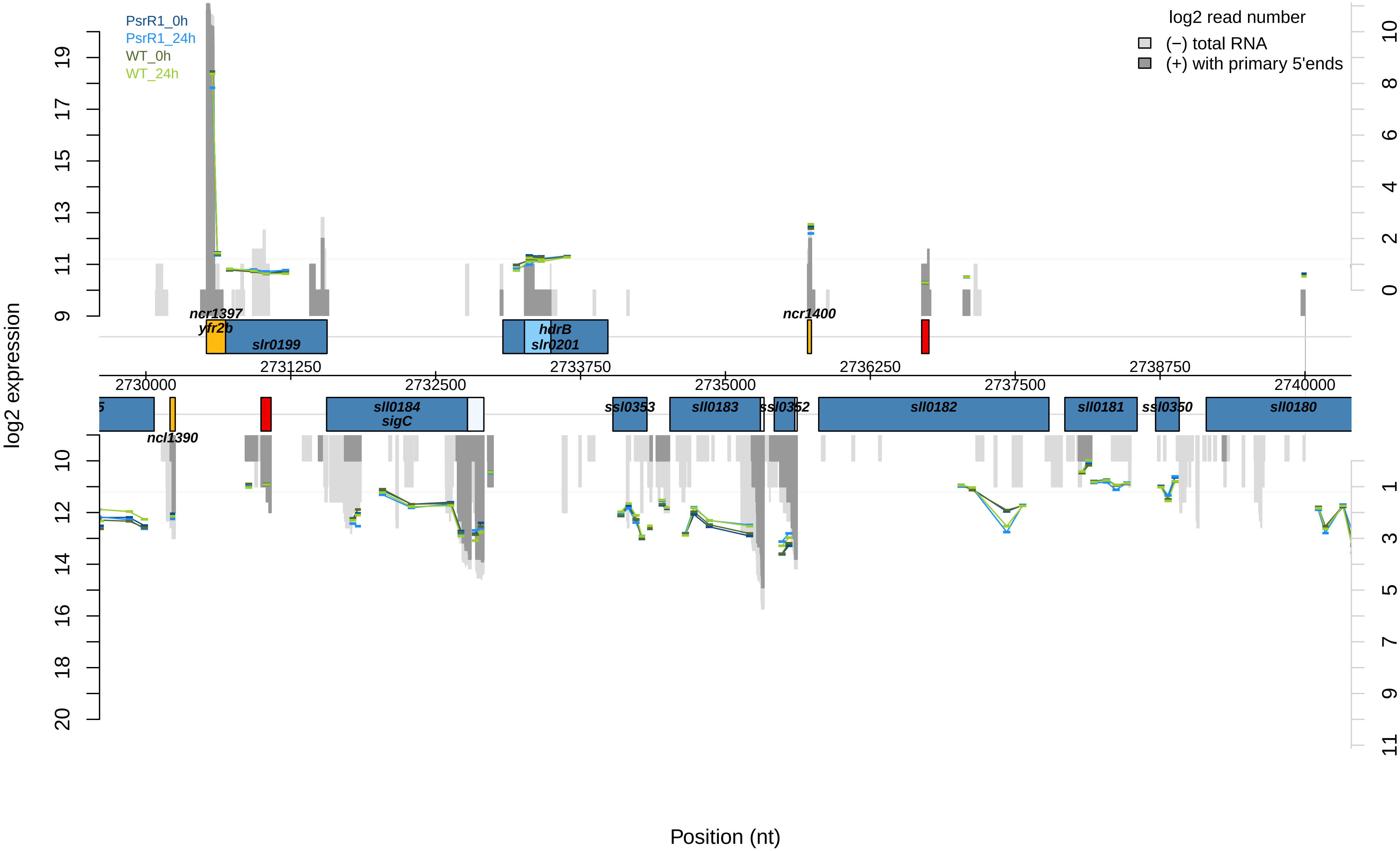

PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
0
2
4
6
8
10
slr0650
ssr0680
nhaS5
slr0415
slr0416
gyrA
slr0417
2681250
2683750
2686250
2688750
2680000
2682500
2685000
2687500
2690000
sll0398
dgt
sll0397
sll0396
sll0395
sll0394
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr0418
ssr0692
ssr0693
slr0420
slr
2691250
2693750
2696250
2698750
2690000
2692500
2695000
2697500
2700000
sll0385
sll0384
sll0383
cbiM
sll0382
sll0381
ncl1340
ssl0750
sll0380
rfbW
sll0379
lpxA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
20
slr0421
ncr1390
rlpA
slr0423
ssr0706
2700000
2701250
2702500
2703750
2705000
2706250
2707500
2708750
2710000
sll0378
cobA
sll0377
mfd
sll0376
ncl1350
sll0375
ncl1370
sll0374
urtE
sll0373
proA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
ncr1395
folE
slr0426
slr0427
2711250
2713750
2716250
2718750
2710000
2712500
2715000
2717500
2720000
ll0373
proA
sll0372
ssl0738
sll0371
sll0370
pyrA
sll0369
sll0368
pyrR
ncl1380
sll
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
4
2
0
427
lytB
slr0191
slr0192
rbp3
slr0193
rpiA
slr0194
slr0195
slr0196
comA
slr0197
2721250
2723750
2726250
2728750
2720000
2722500
2725000
2727500
2730000
sll0189
sll0188
sll0185
ncl139
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
0
2
4
6
8
10
ncr1397
yfr2b
slr0199
hdrB
slr0201
ncr1400
2731250
2733750
2736250
2738750
2730000
2732500
2735000
2737500
2740000
5
ncl1390
sll0184
sigC
ssl0353
sll0183
ssl0352
sll0182
sll0181
ssl0350
sll0180
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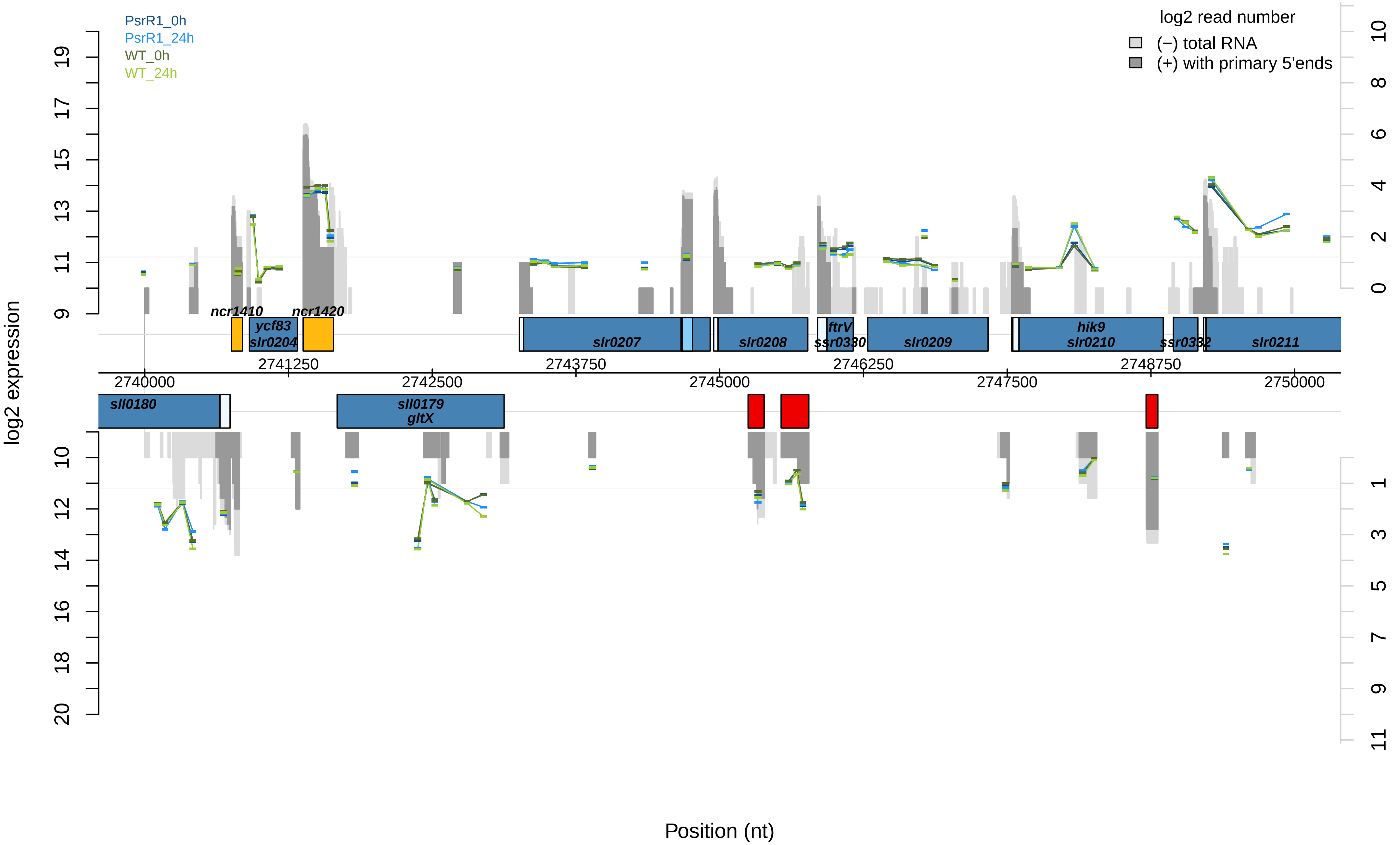
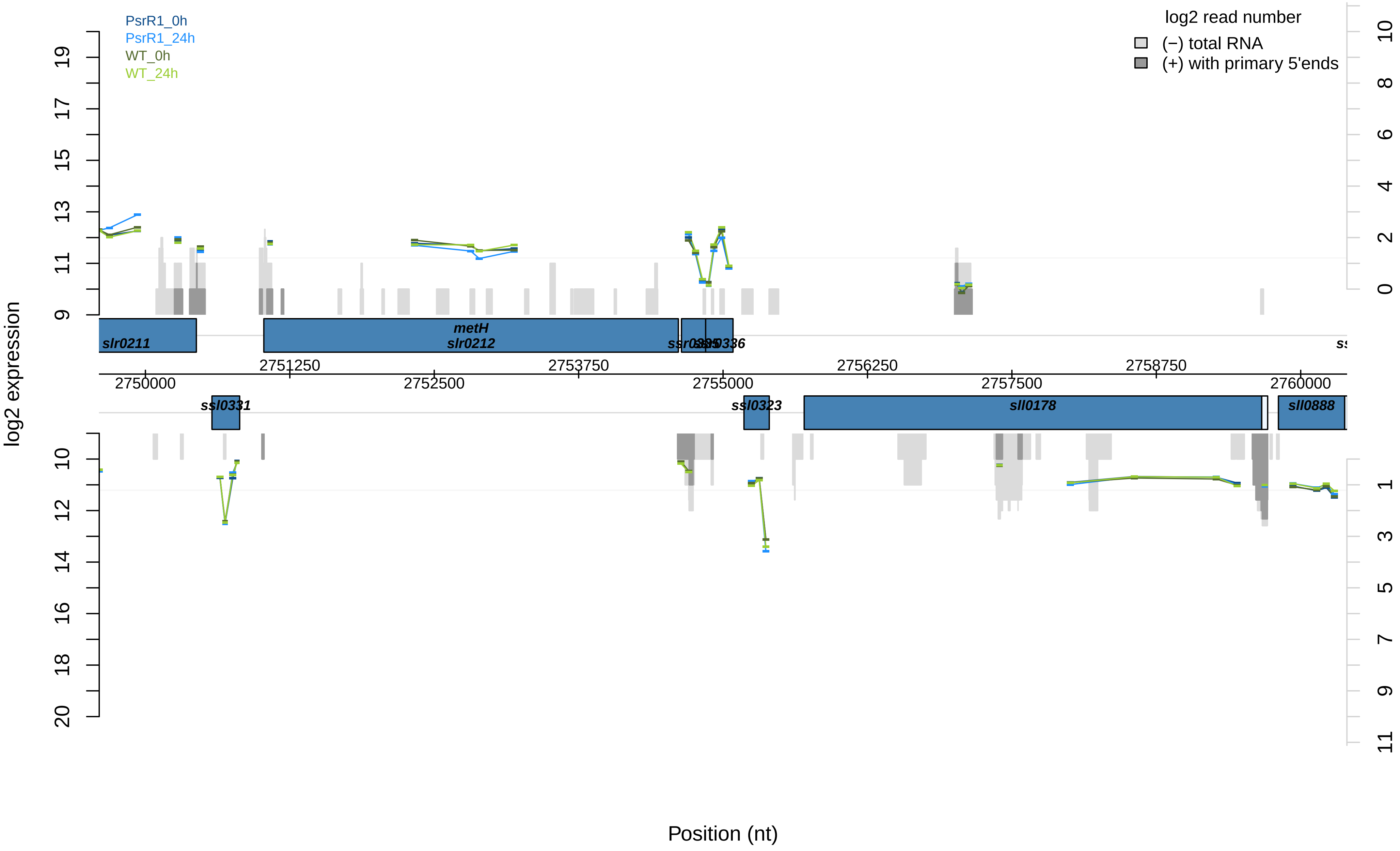
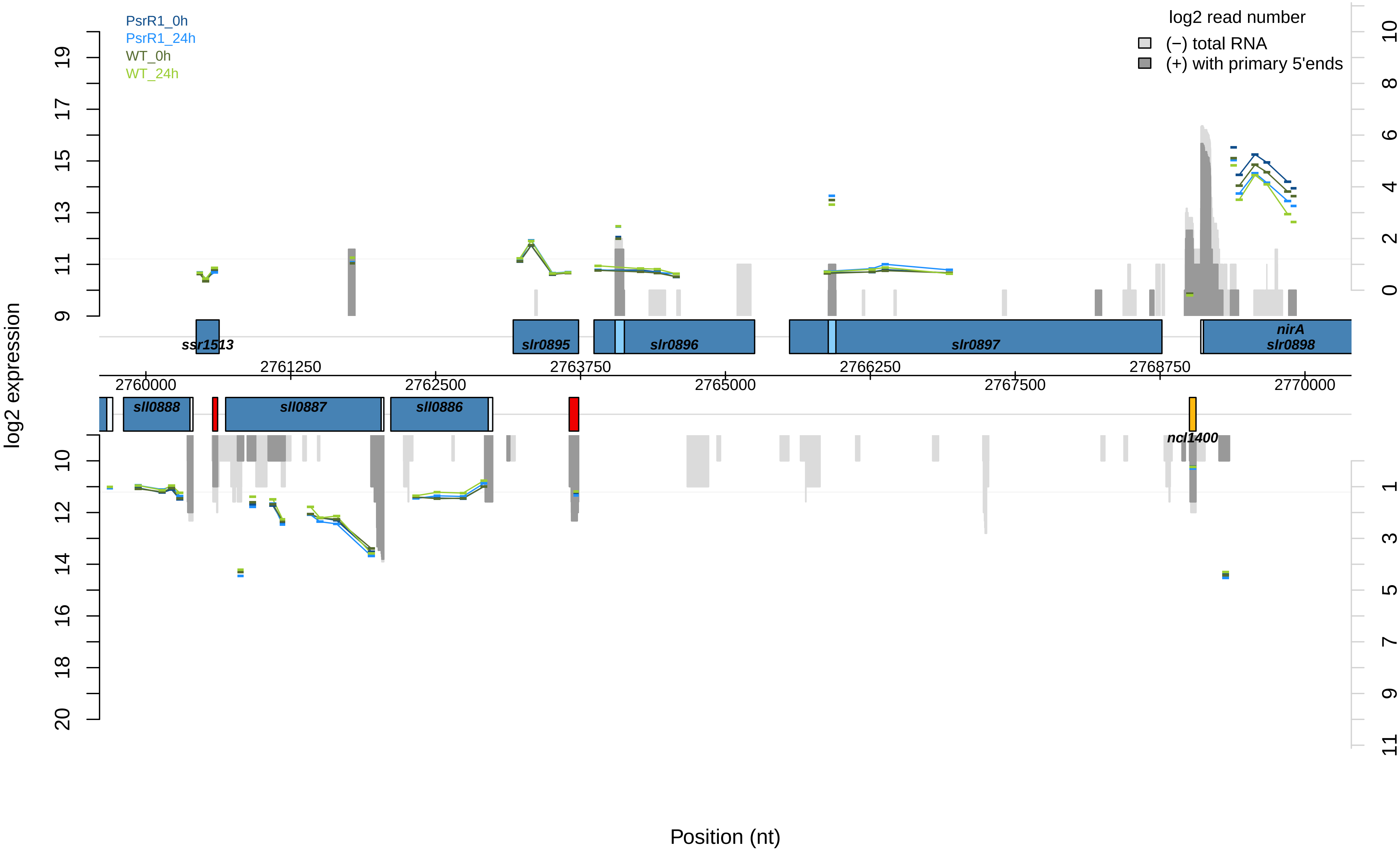
14
16
18
20
1
3
5
7
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
ncr1410
ncr1420
ycf83
slr0204
slr0207
slr0208
ftrV
ssr0330
slr0209
hik9
slr0210
ssr0332
slr0211
2741250
2743750
2746250
2748750
2740000
2742500
2745000
2747500
2750000
sll0180
sll0179
gltX
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr0211
metH
slr0212
ssr0335
ssl0336
ss
2751250
2753750
2756250
2758750
2750000
2752500
2755000
2757500
2760000
ssl0331
ssl0323
sll0178
sll0888
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
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17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ssr1513
slr0895
slr0896
slr0897
nirA
slr0898
2760000
2761250
2762500
2763750
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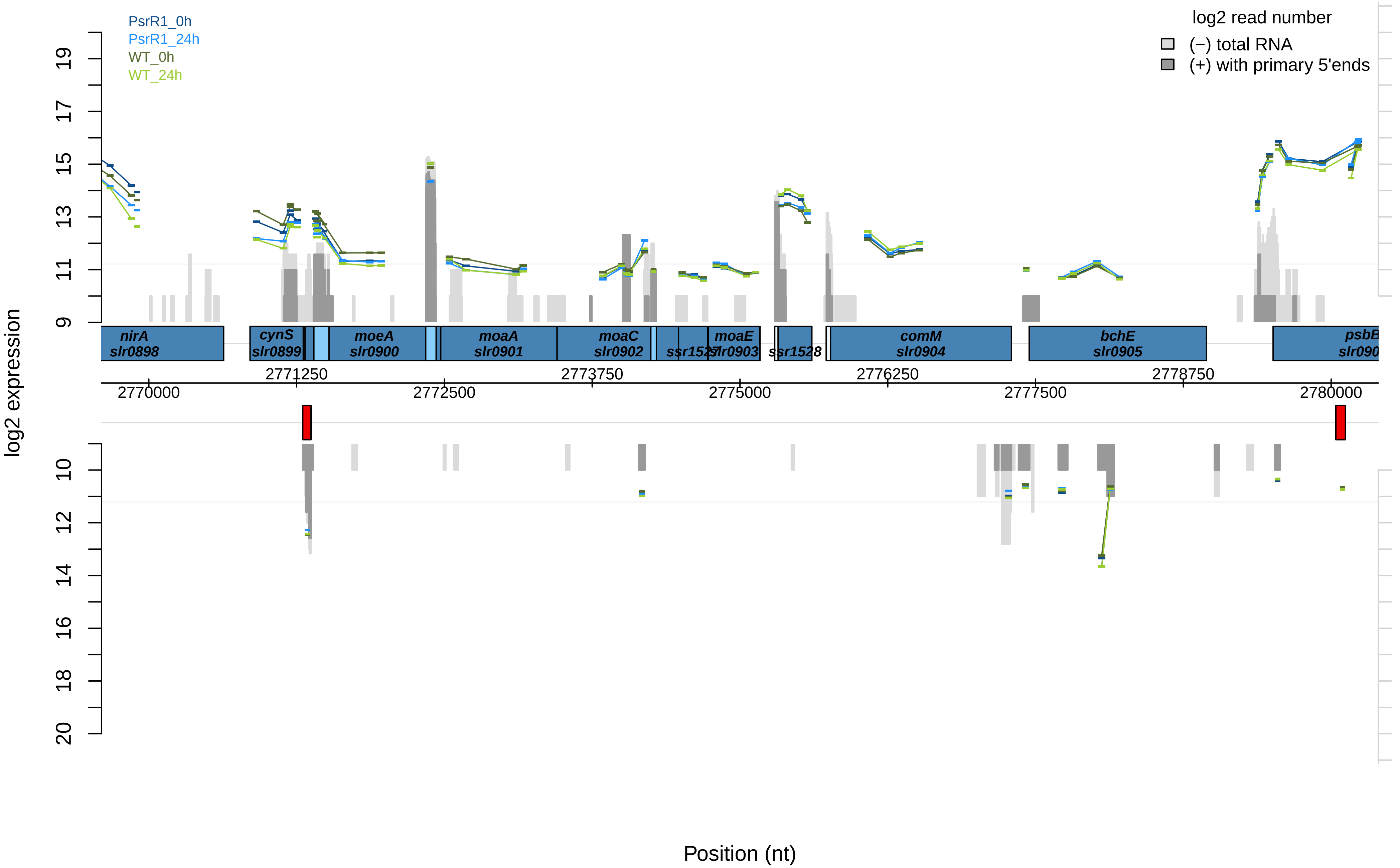
2766250
2767500
2768750
2770000
sll0888
sll0887
sll0886
ncl1400
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
nirA
slr0898
cynS
slr0899
moeA
slr0900
moaA
slr0901
moaC
slr0902
ssr1527
slr0903
moaE
ssr1528
comM
slr0904
bchE
slr0905
psbE
slr090
2770000
2771250
2772500
2773750
2775000
2776250
2777500
2778750
2780000
9
11
13
15
17
19
10
12
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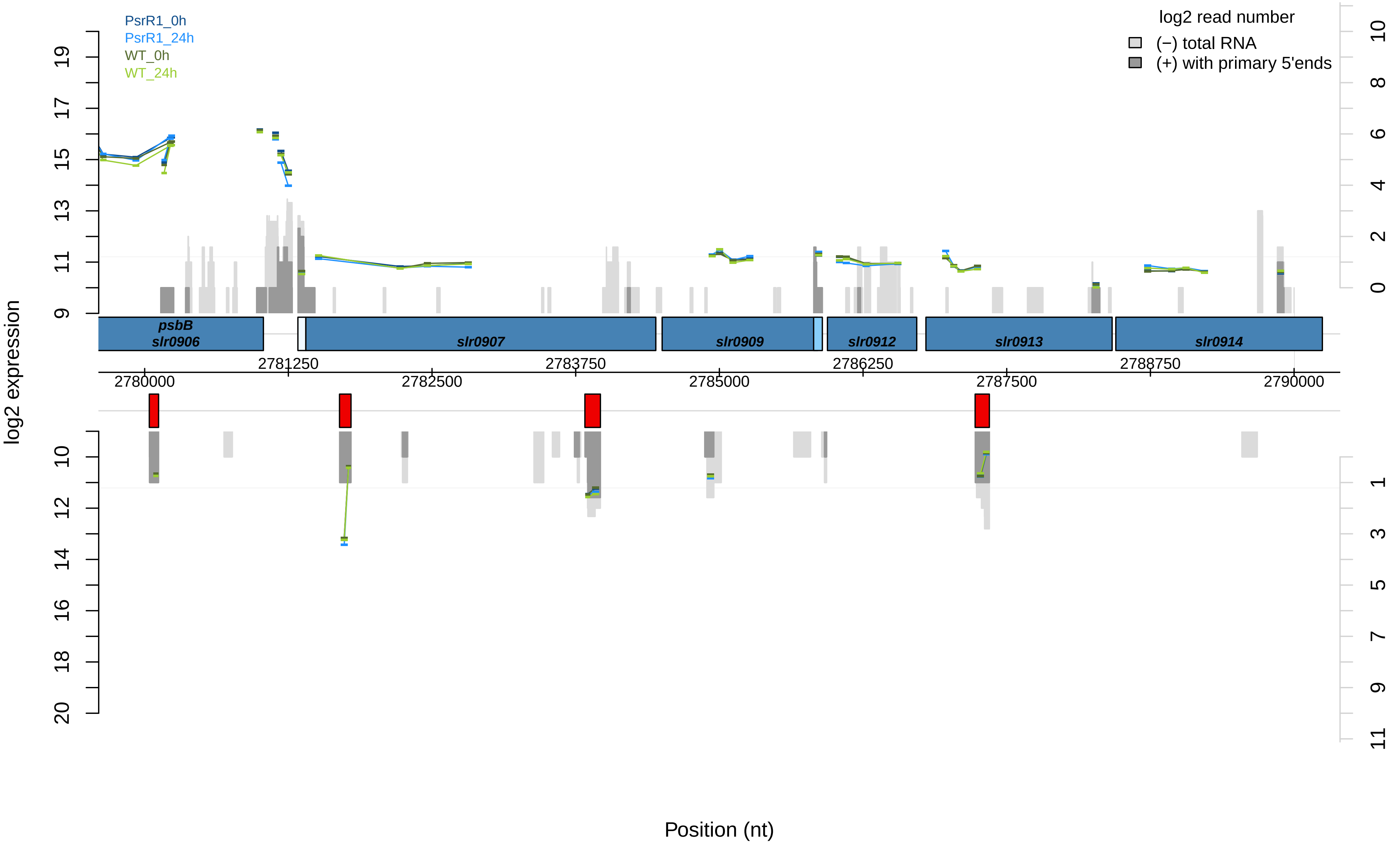
18
20
0
2
4
6
8
10
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
psbB
slr0906
slr0907
slr0909
slr0912
slr0913
slr0914
2780000
2781250
2782500
2783750
2785000
2786250
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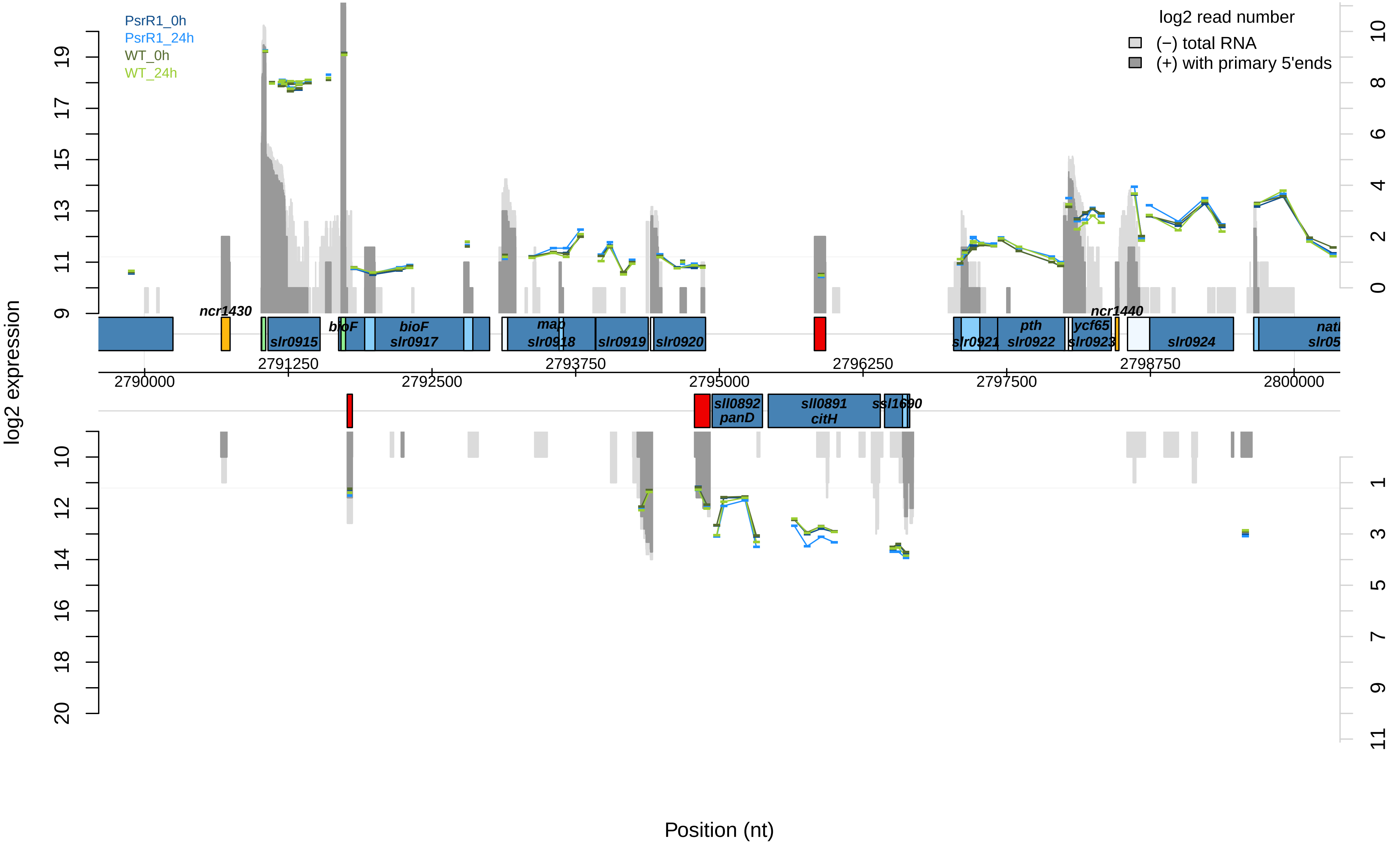
2788750
2790000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr1430
slr0915
bioF
bioF
slr0917
map
slr0918
slr0919
slr0920
slr0921
pth
slr0922
ycf65
slr0923
ncr1440
slr0924
nat
slr05
2791250
2793750
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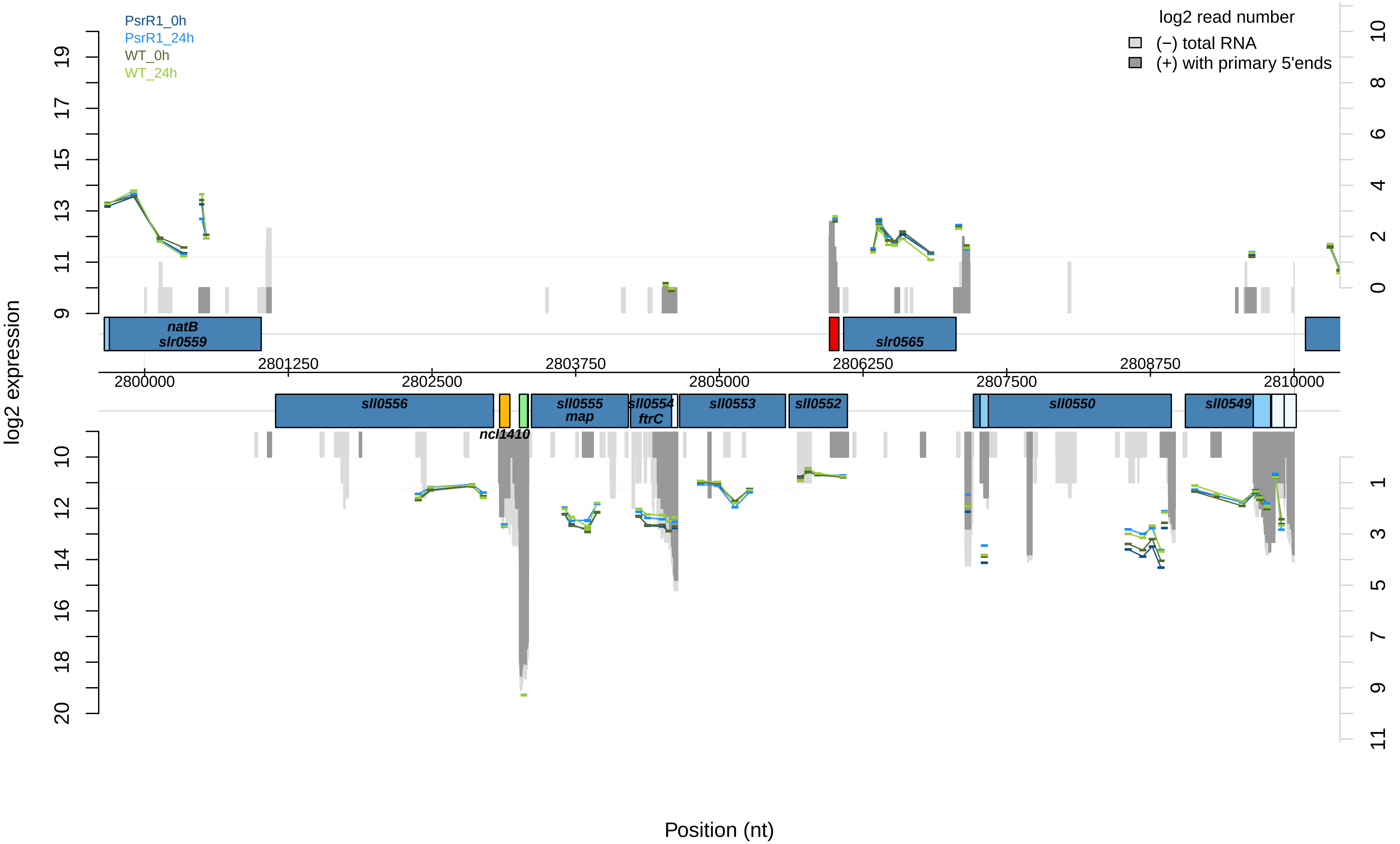
sll0892
panD
sll0891
citH
ssl1690
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
Position (nt)
natB
slr0559
slr0565
sll0556
ncl1410
sll0555
map
sll0554
ftrC
sll0553
sll0552
sll0550
sll0549
2800000
2801250
2802500
2803750
2805000
2806250
2807500
2808750
2810000
9
11
13
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5
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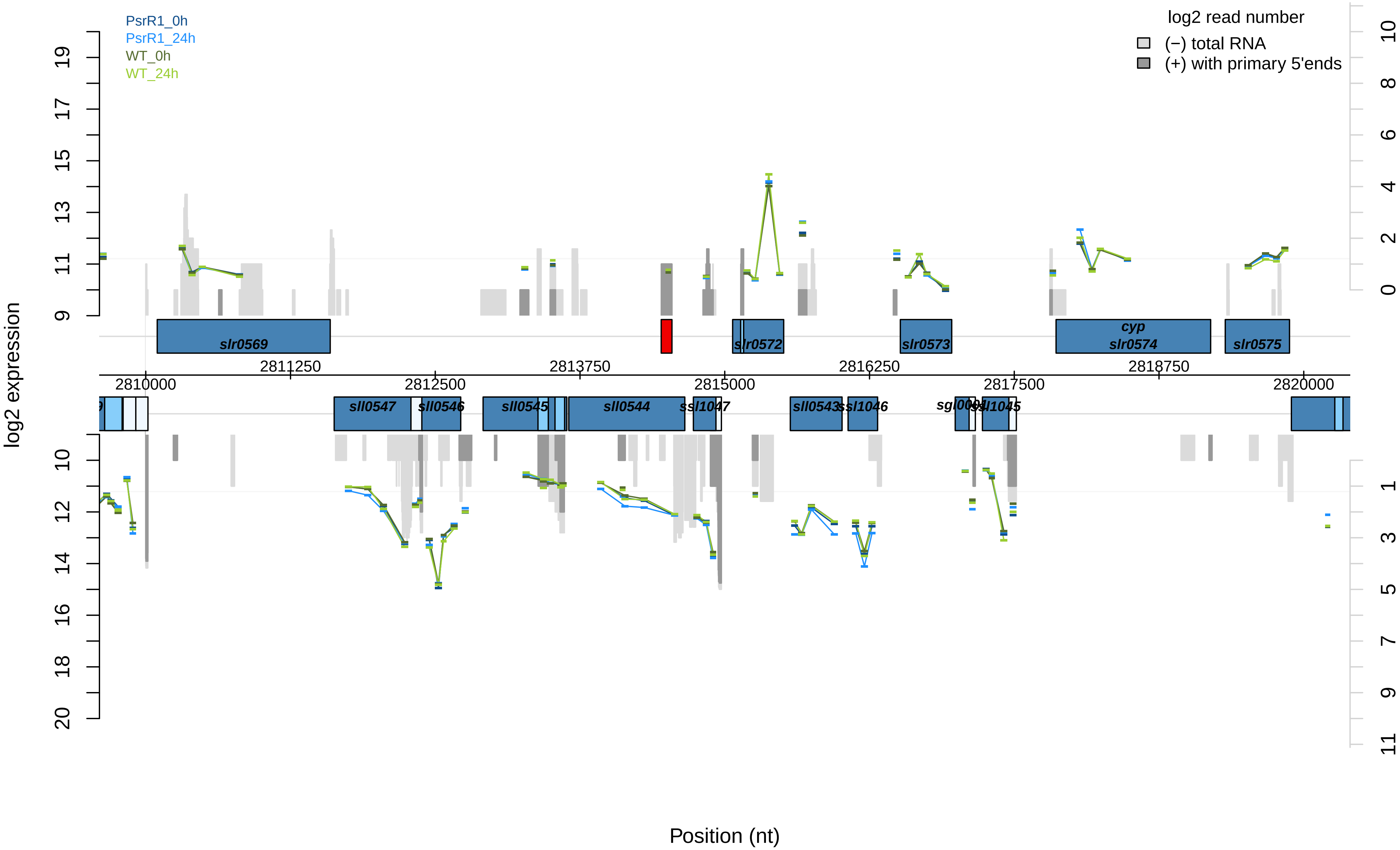
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
slr0569
slr0572
slr0573
cyp
slr0574
slr0575
2811250
2813750
2816250
2818750
2810000
2812500
2815000
2817500
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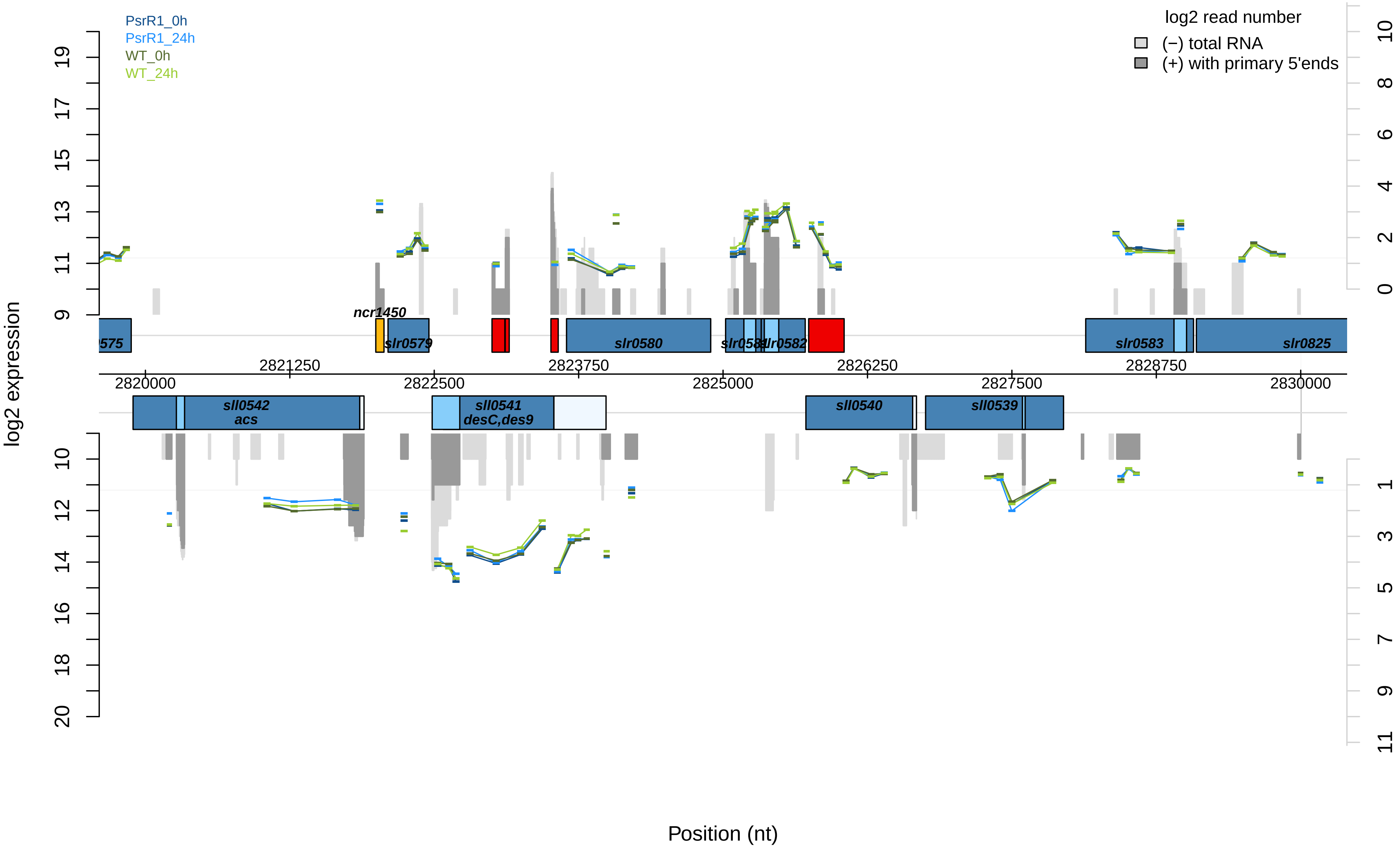
sll0547
sll0546
sll0545
sll0544
ssl1047
sll0543
ssl1046
sgl0001
ssl1045
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr1450
575
slr0579
slr0580
slr0581
slr0582
slr0583
slr0825
2820000
2821250
2822500
2823750
2825000
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2830000
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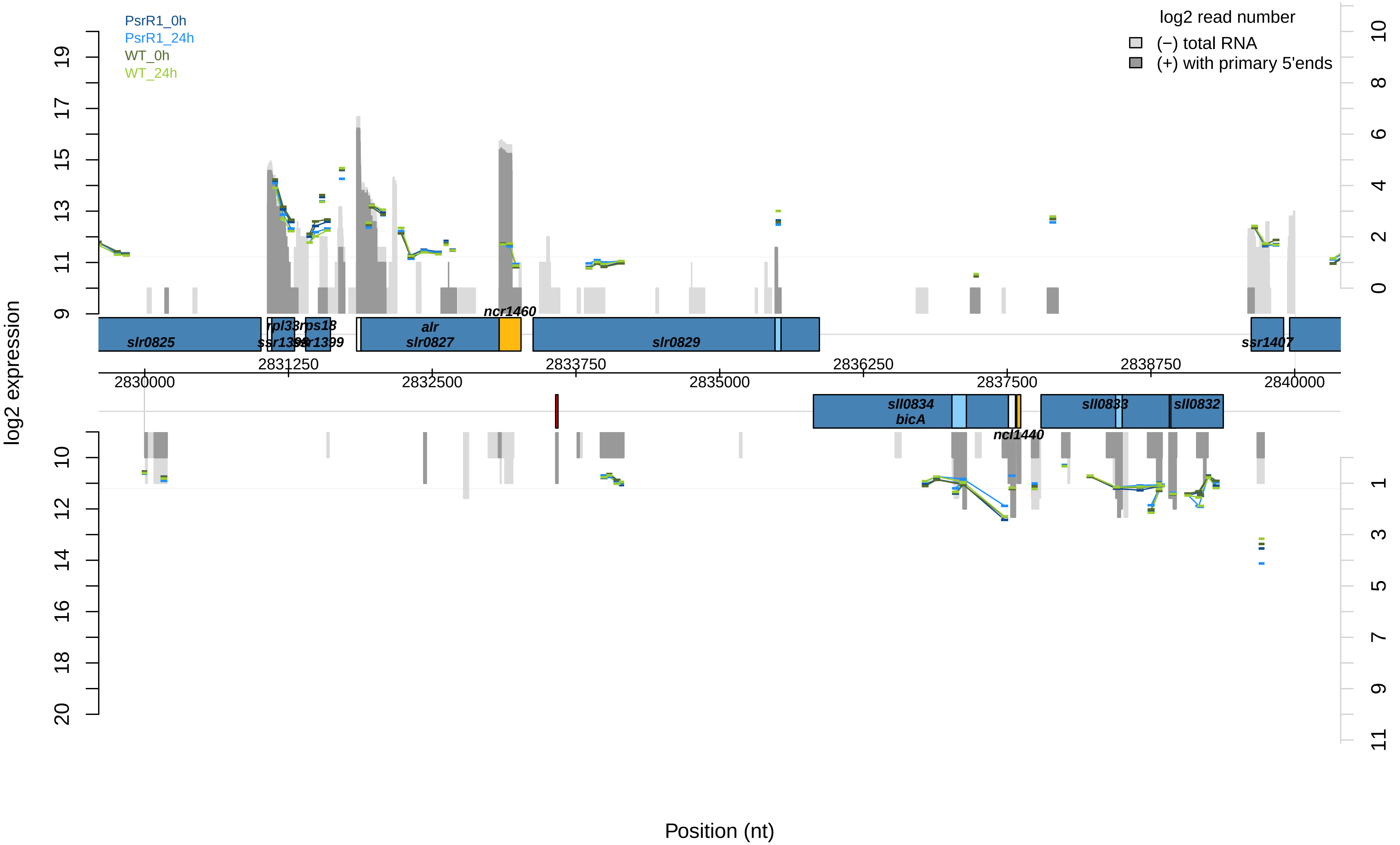
acs
sll0541
desC,des9
sll0540
sll0539
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr0825
rpl33
rps18
ssr1398
ssr1399
alr
slr0827
ncr1460
slr0829
ssr1407
2831250
2833750
2836250
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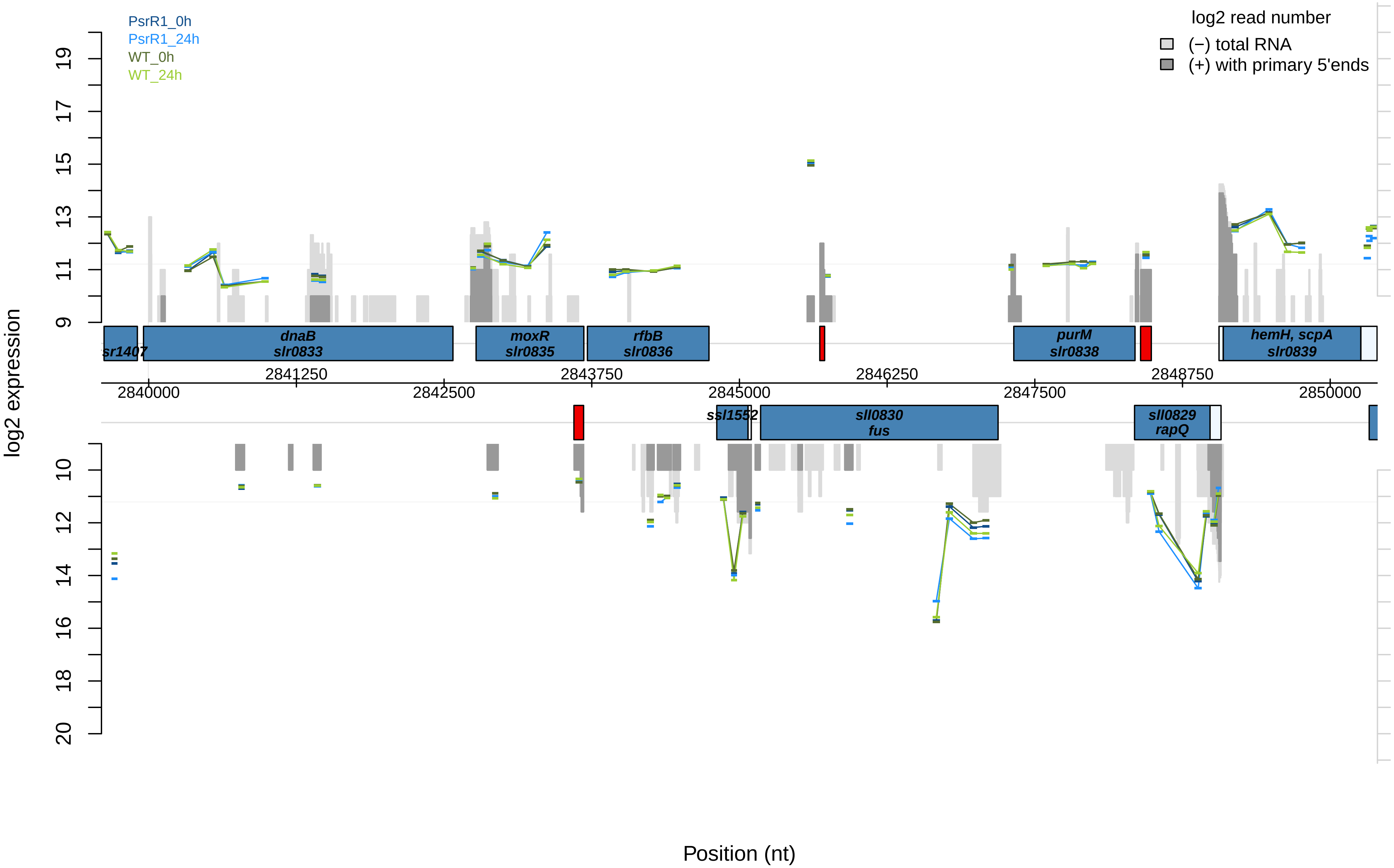
2835000
2837500
2840000
sll0834
bicA
ncl1440
sll0833
sll0832
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
sr1407
dnaB
slr0833
moxR
slr0835
rfbB
slr0836
purM
slr0838
hemH, scpA
slr0839
2841250
2843750
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2842500
2845000
2847500
2850000
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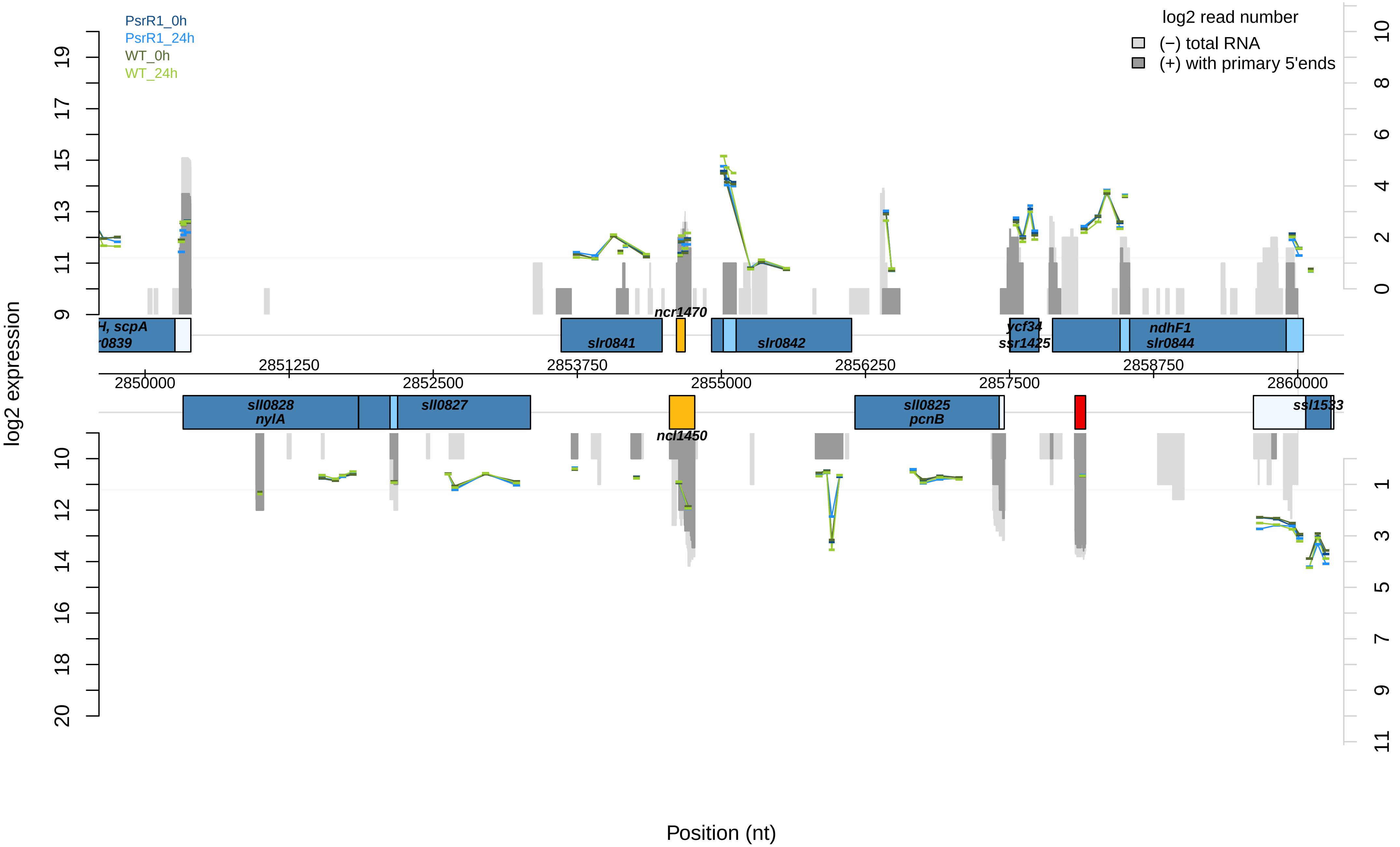
fus
sll0829
rapQ
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
H, scpA
r0839
slr0841
ncr1470
slr0842
ycf34
ssr1425
ndhF1
slr0844
2851250
2853750
2856250
2858750
2850000
2852500
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2860000
sll0828
nylA
sll0827
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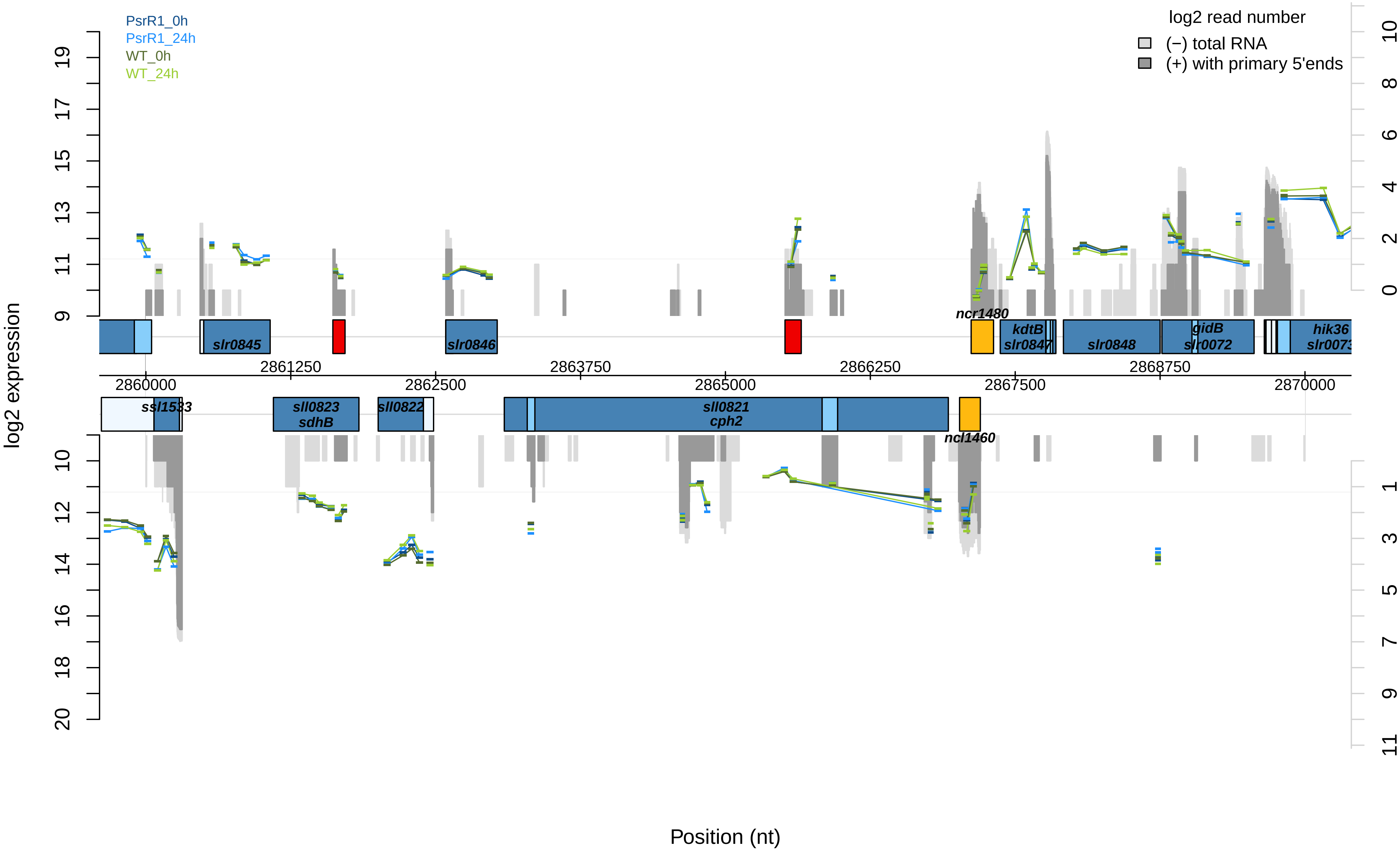
sll0825
pcnB
ssl1533
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr1480
slr0845
slr0846
kdtB
slr0847
slr0848
gidB
slr0072
hik36
slr0073
2861250
2863750
2866250
2868750
2860000
2862500
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ssl1533
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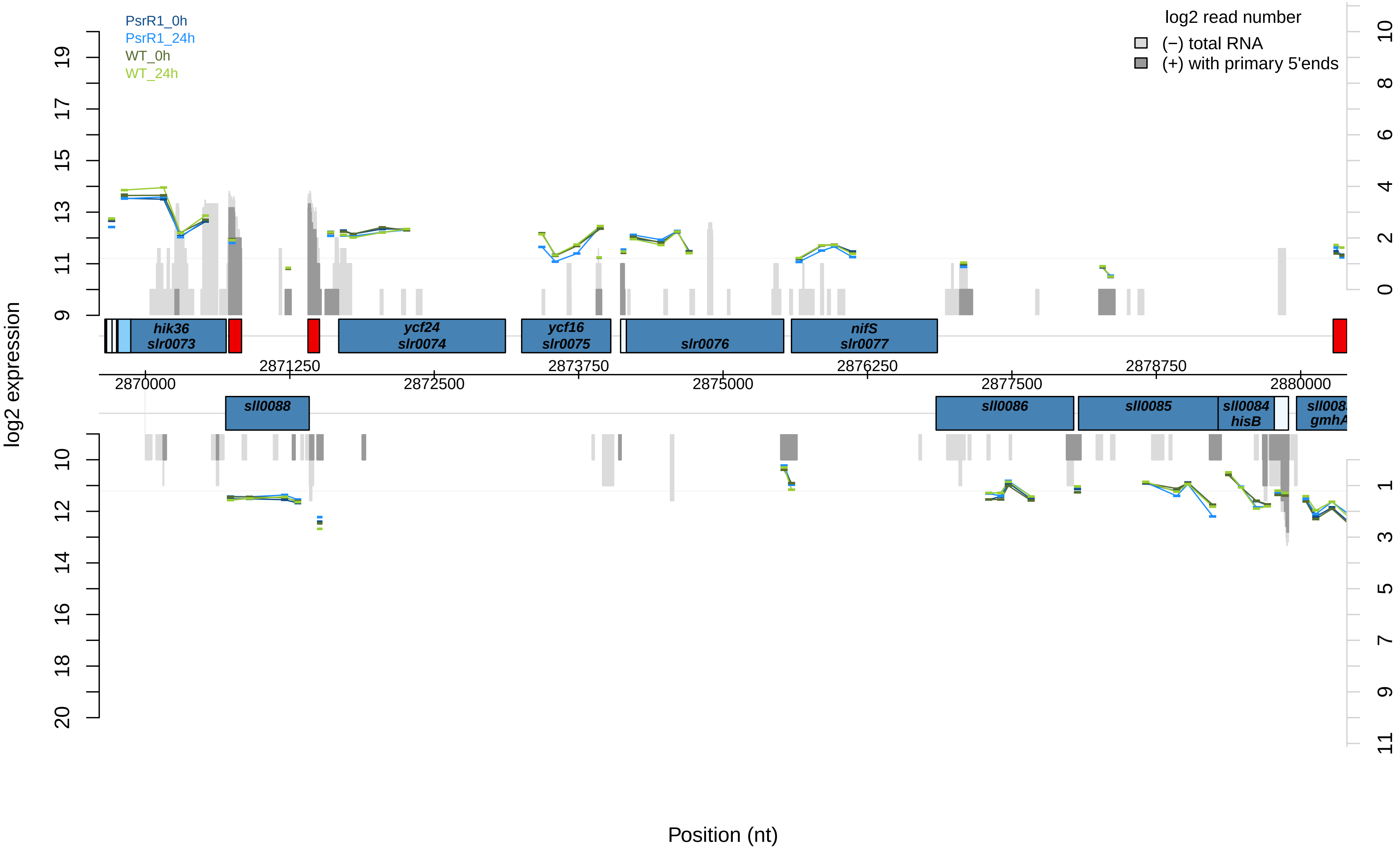
sdhB
sll0822
sll0821
cph2
ncl1460
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
hik36
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ycf24
slr0074
ycf16
slr0075
slr0076
nifS
slr0077
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2878750
2870000
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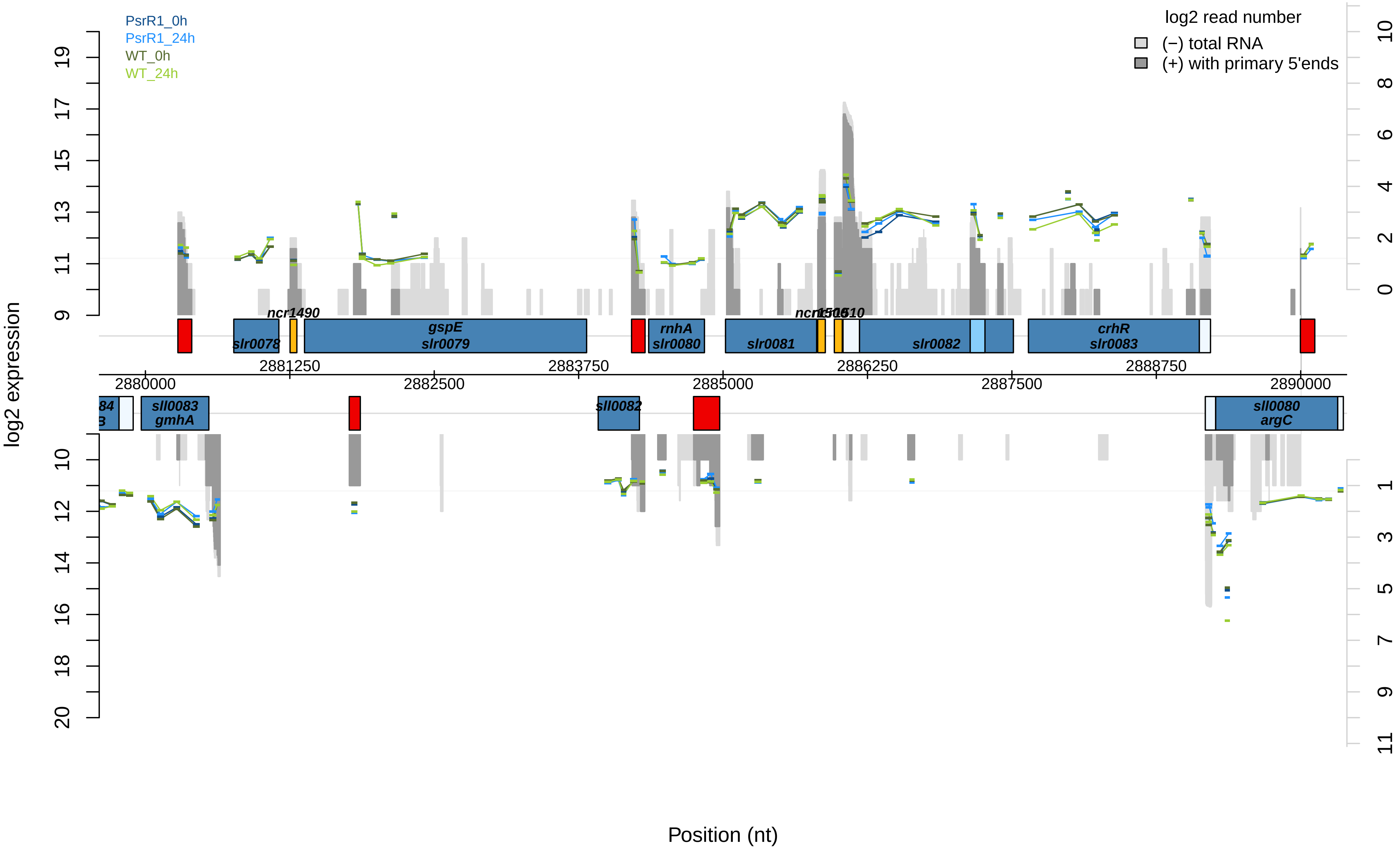
sll0088
sll0086
sll0085
sll0084
hisB
sll008
gmhA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr1490
gspE
slr0079
slr0078
rnhA
slr0080
slr0081
ncr1506
ncr1510
slr0082
crhR
slr0083
2881250
2883750
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2887500
2890000
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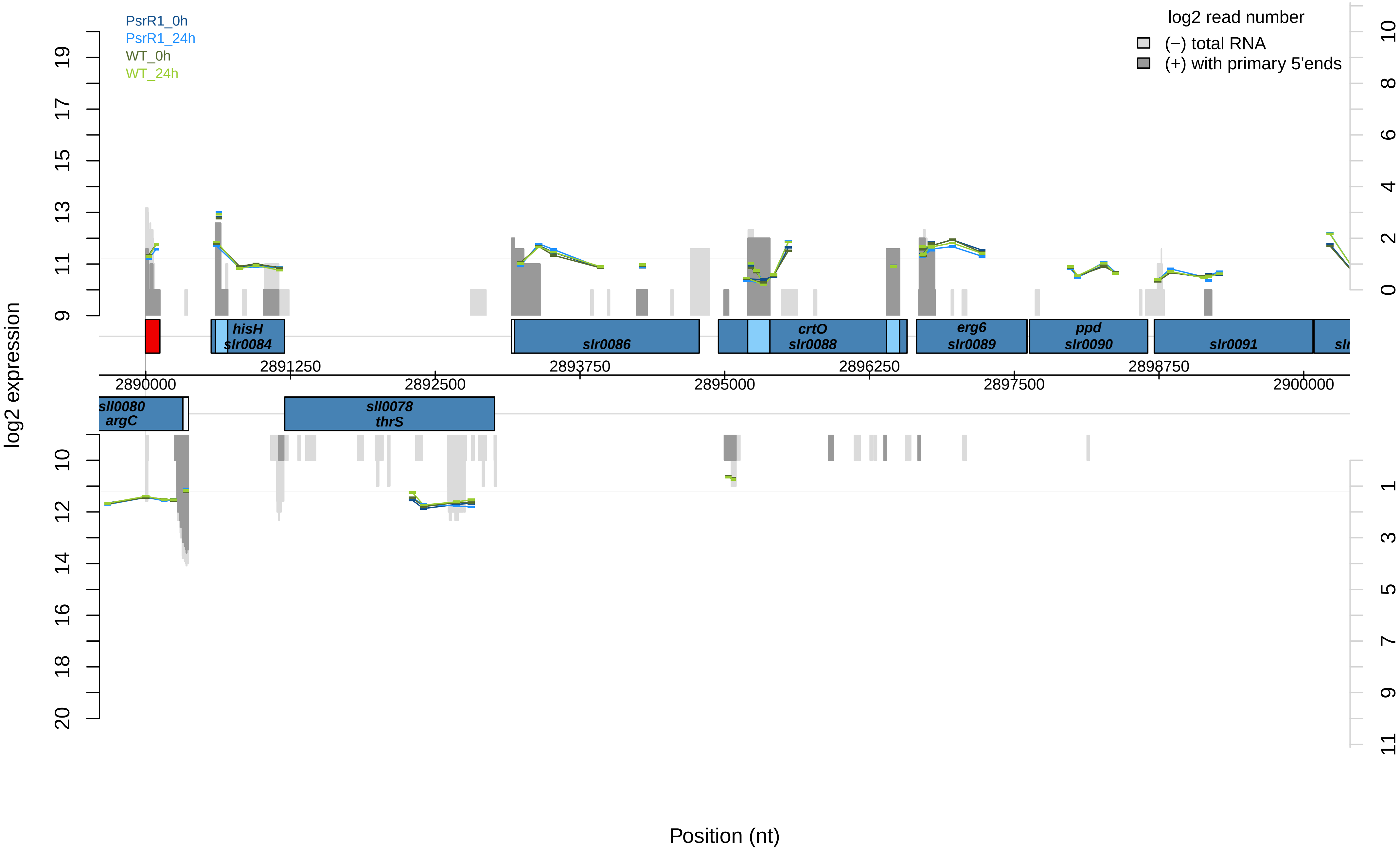
sll0083
gmhA
sll0082
sll0080
argC


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
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12
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16
18
20
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6
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3
5
7
9
11
hisH
slr0084
slr0086
crtO
slr0088
erg6
slr0089
ppd
slr0090
slr0091
sll0080
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2893750
2896250
2898750
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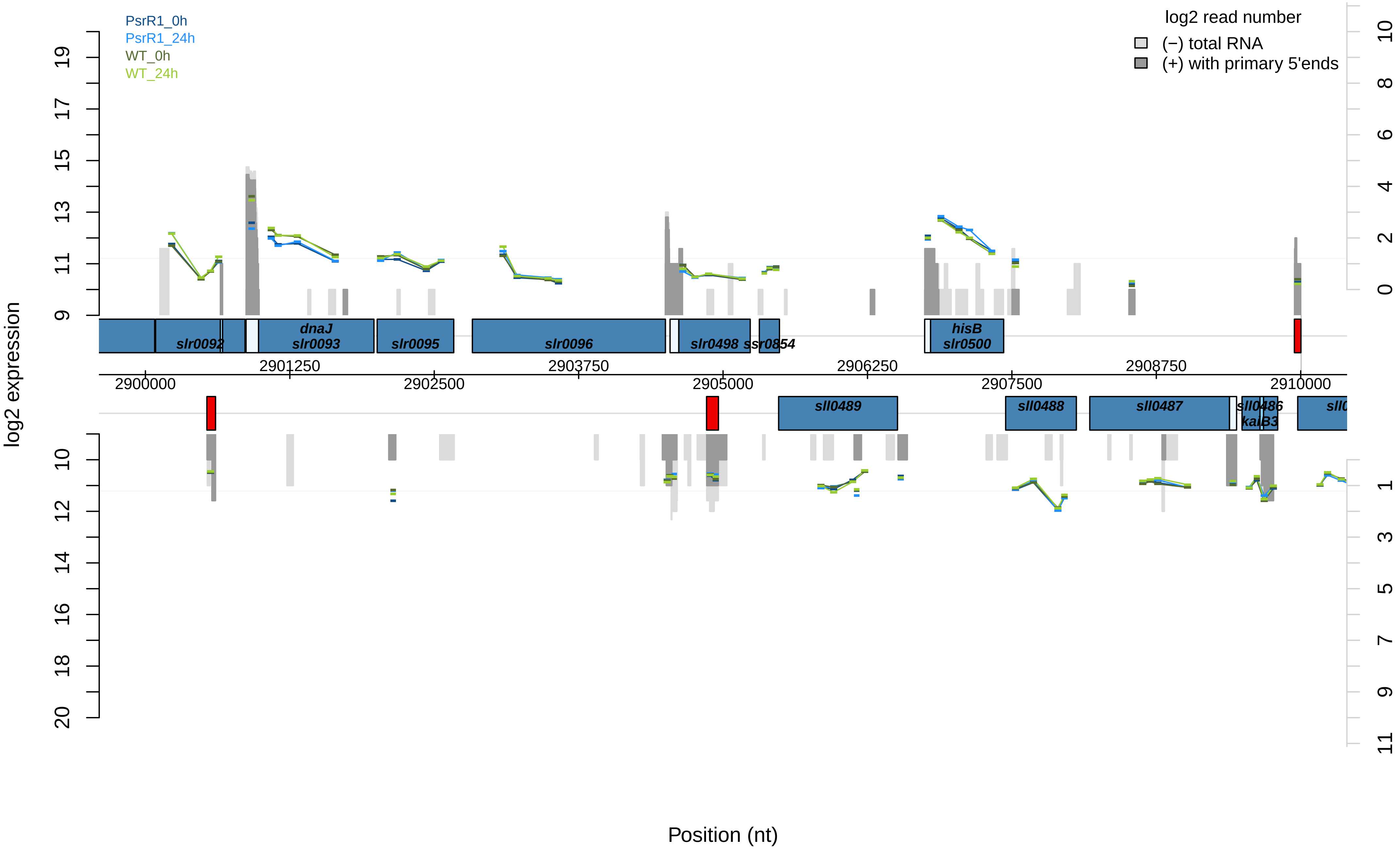
2892500
2895000
2897500
2900000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
slr0092
dnaJ
slr0093
slr0095
slr0096
slr0498
ssr0854
hisB
slr0500
2901250
2903750
2906250
2908750
2900000
2902500
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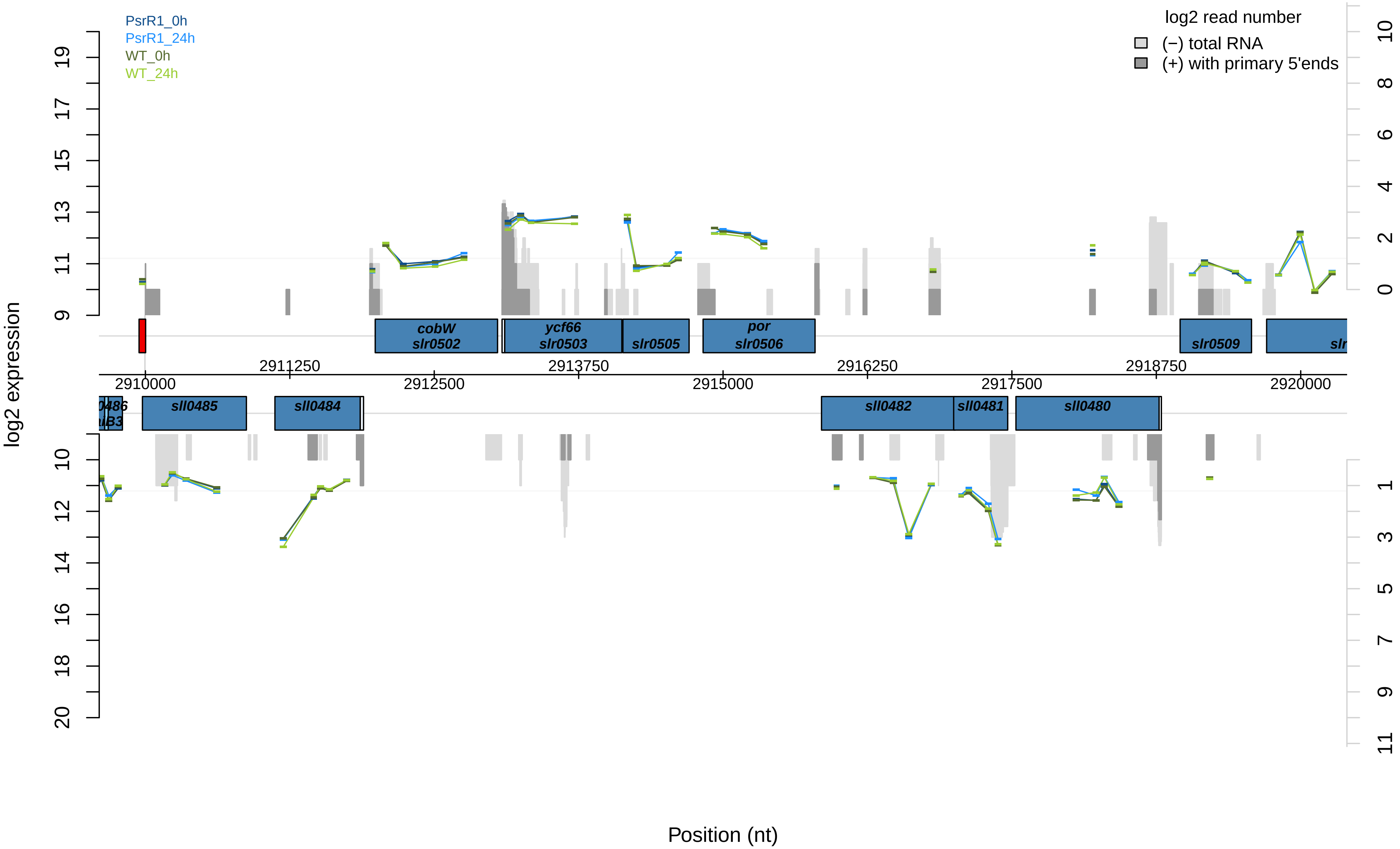
2907500
2910000
sll0489
sll0488
sll0487
sll0486
kaiB3
sll0
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
cobW
slr0502
ycf66
slr0503
slr0505
por
slr0506
slr0509
slr
0486
iB3
sll0485
sll0484
sll0482
sll0481
sll0480
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2916250
2918750
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2912500
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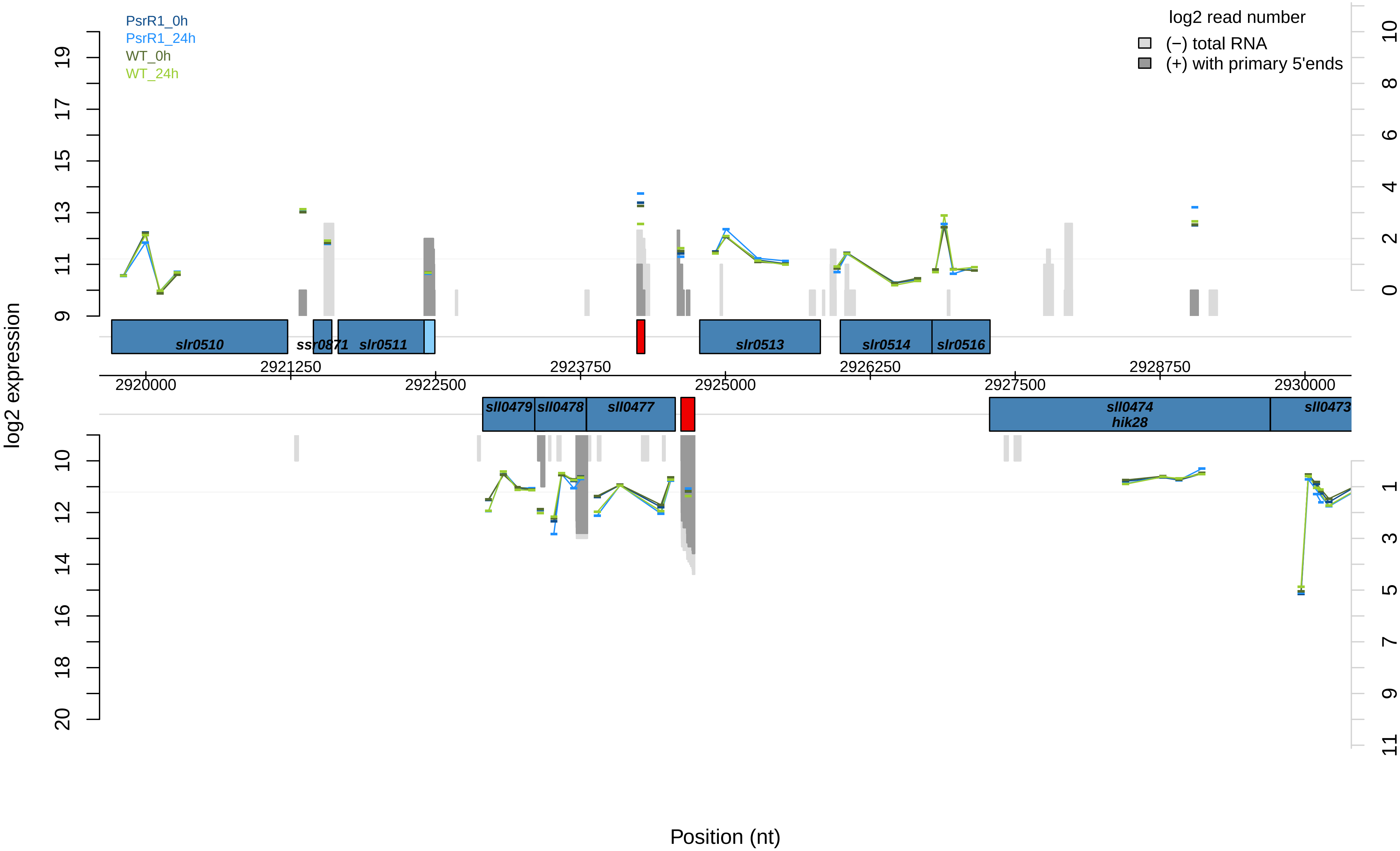
2917500
2920000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
slr0510
ssr0871
slr0511
slr0513
slr0514
slr0516
sll0479
sll0478
sll0477
sll0474
hik28
sll0473
2920000
2921250
2922500
2923750
2925000
2926250
2927500
2928750
2930000
9
11
13
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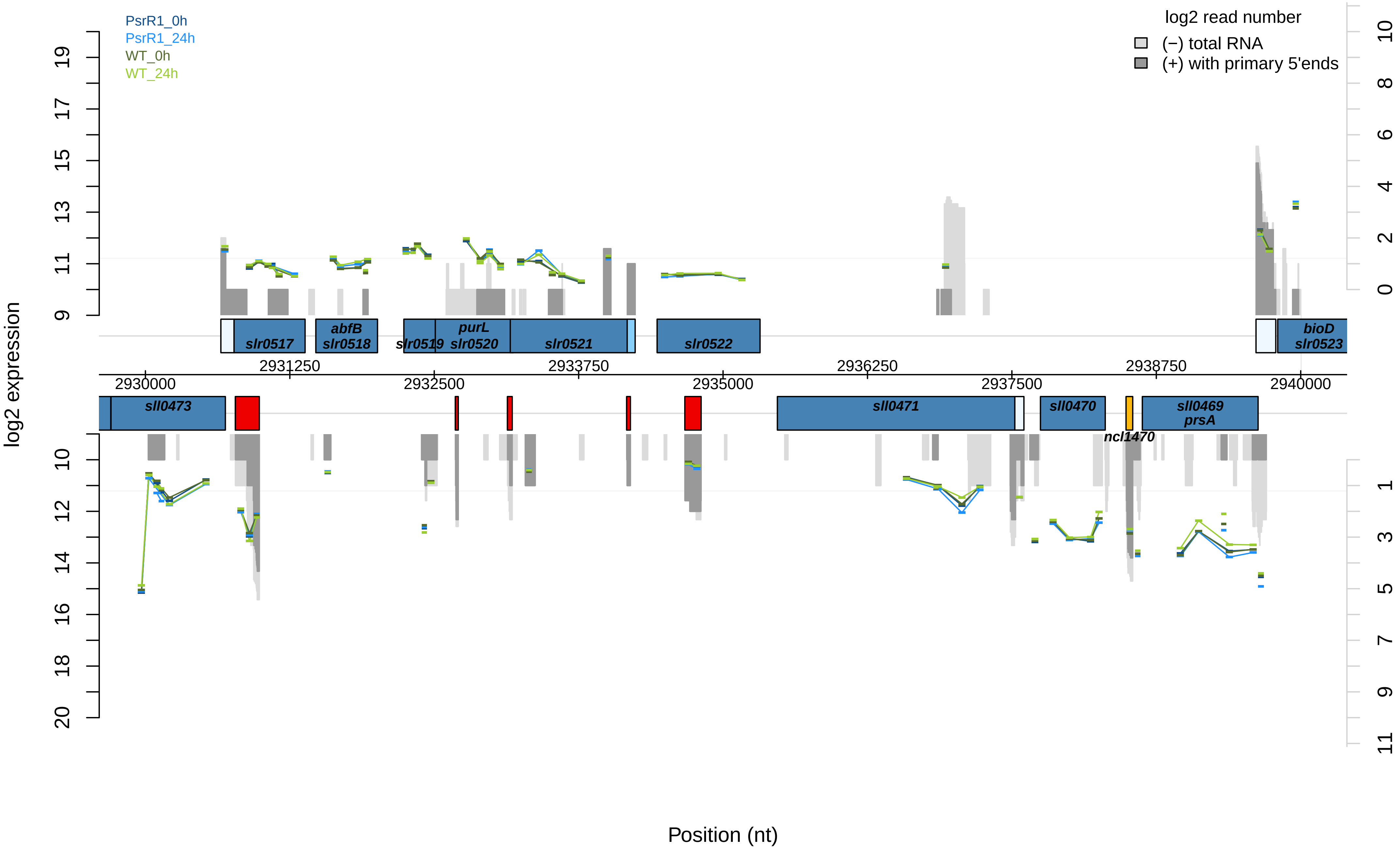
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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13
11
9
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12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
slr0517
abfB
slr0518
slr0519
purL
slr0520
slr0521
slr0522
bioD
slr0523
2931250
2932500
2933750
2935000
2936250
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sll0471
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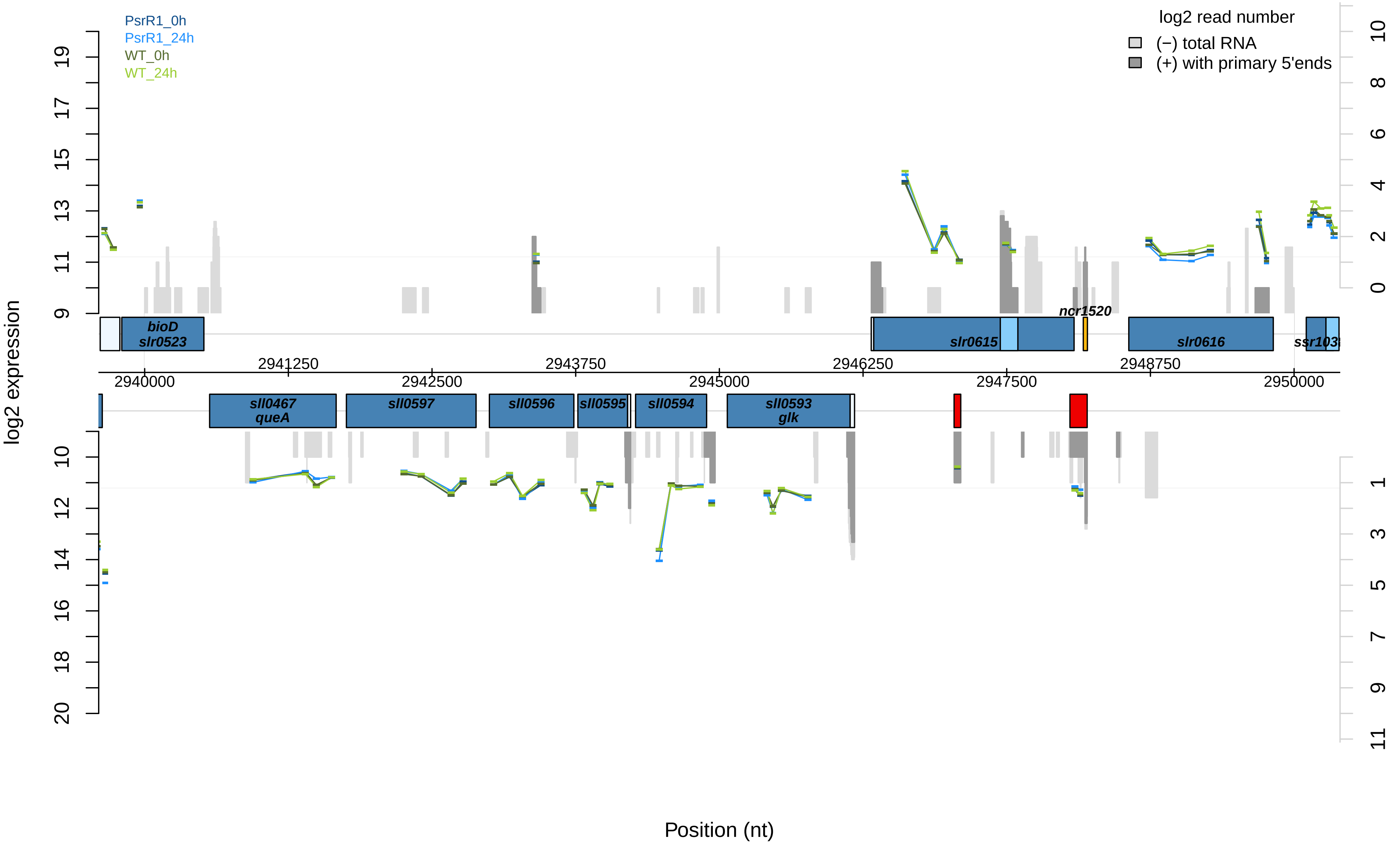
ncl1470
sll0469
prsA
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
bioD
slr0523
slr0615
ncr1520
slr0616
ssr103
2941250
2943750
2946250
2948750
2940000
2942500
2945000
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2950000
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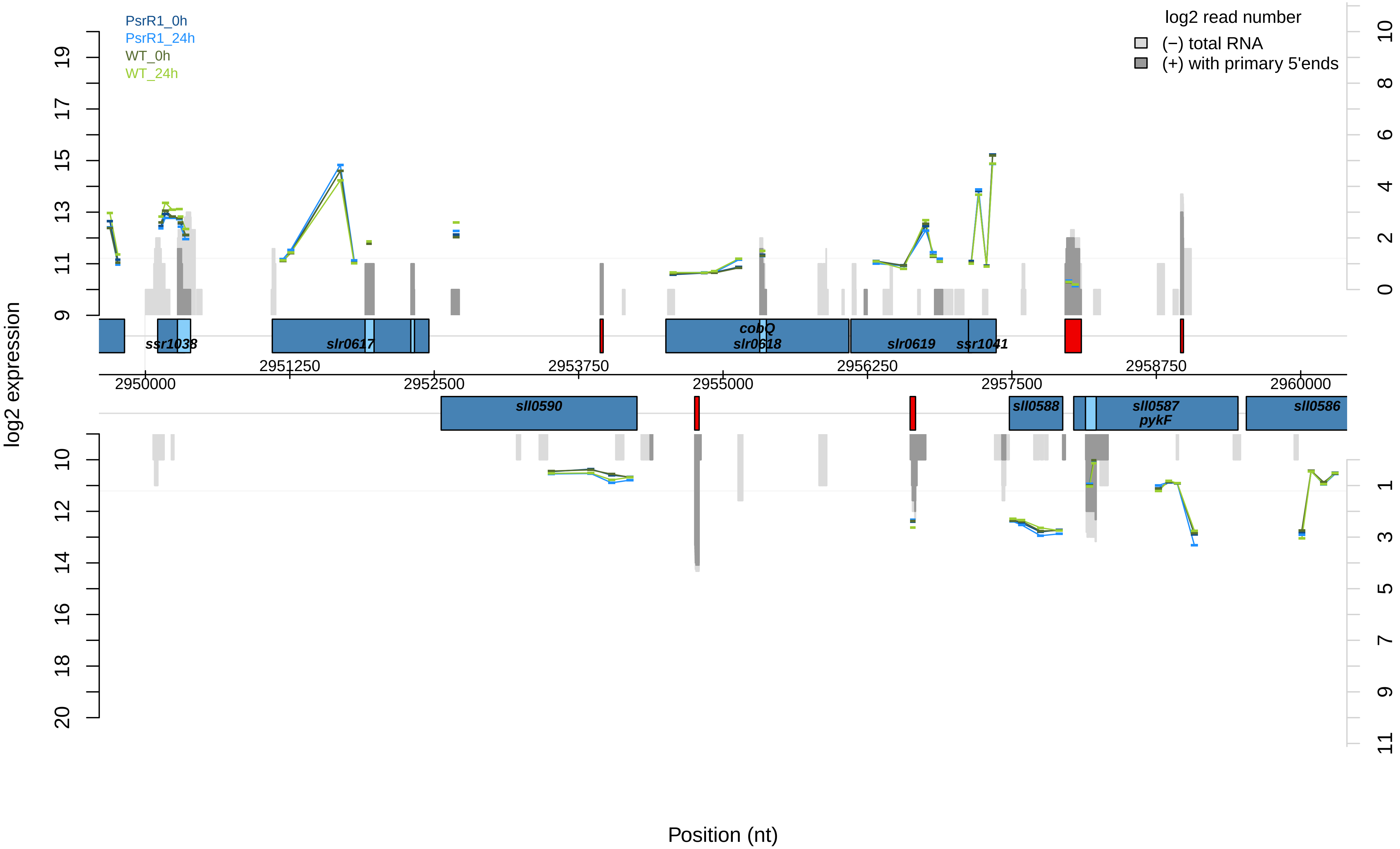
queA
sll0597
sll0596
sll0595
sll0594
sll0593
glk
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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12
14
16
18
20
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2
4
6
8
10
1
3
5
7
9
11
ssr1038
slr0617
cobQ
slr0618
slr0619
ssr1041
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2953750
2956250
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2957500
2960000
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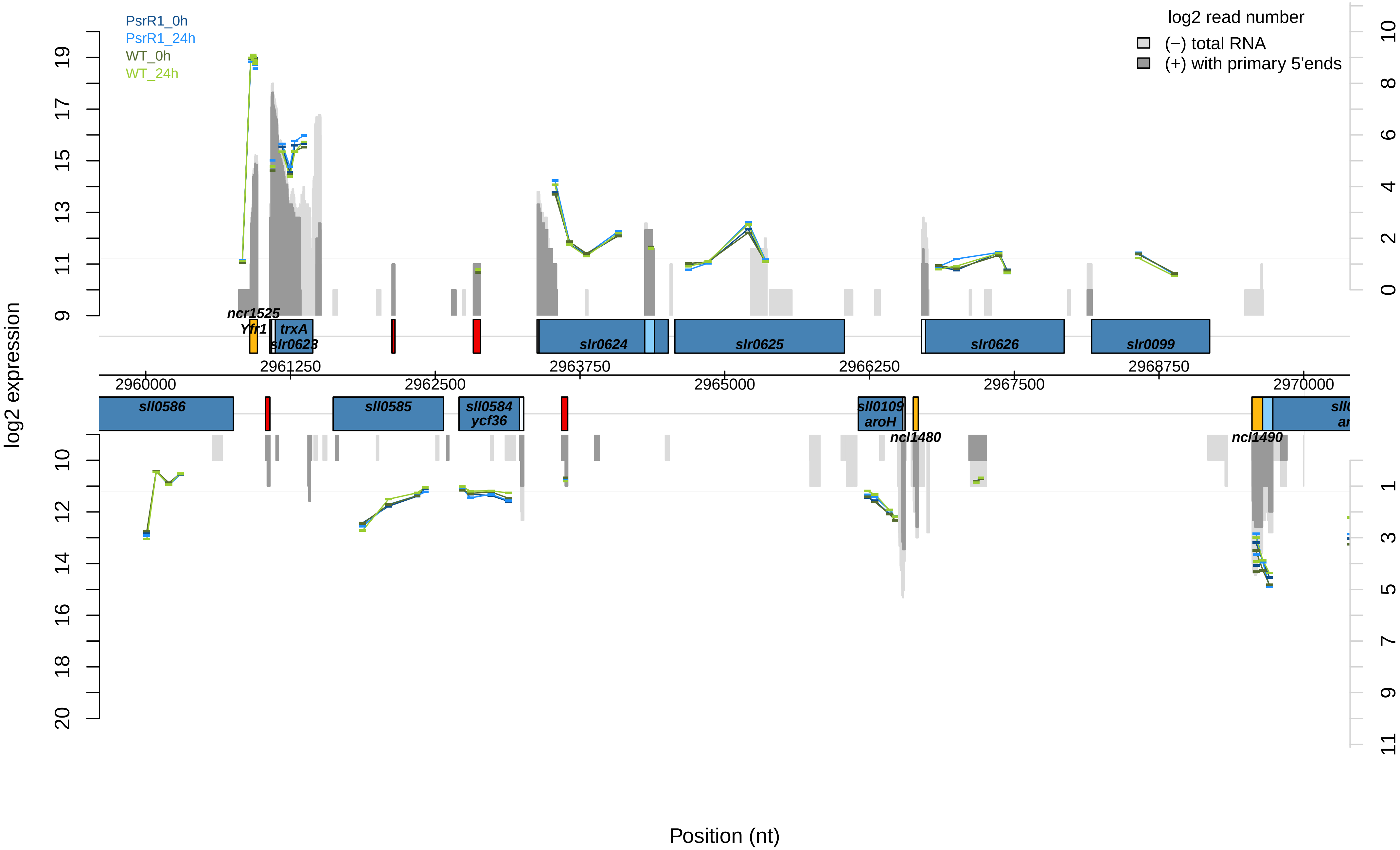
sll0588
sll0587
pykF
sll0586
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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18
20
0
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4
6
8
10
1
3
5
7
9
11
ncr1525
Yfr1
trxA
slr0623
slr0624
slr0625
slr0626
slr0099
2961250
2963750
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2962500
2965000
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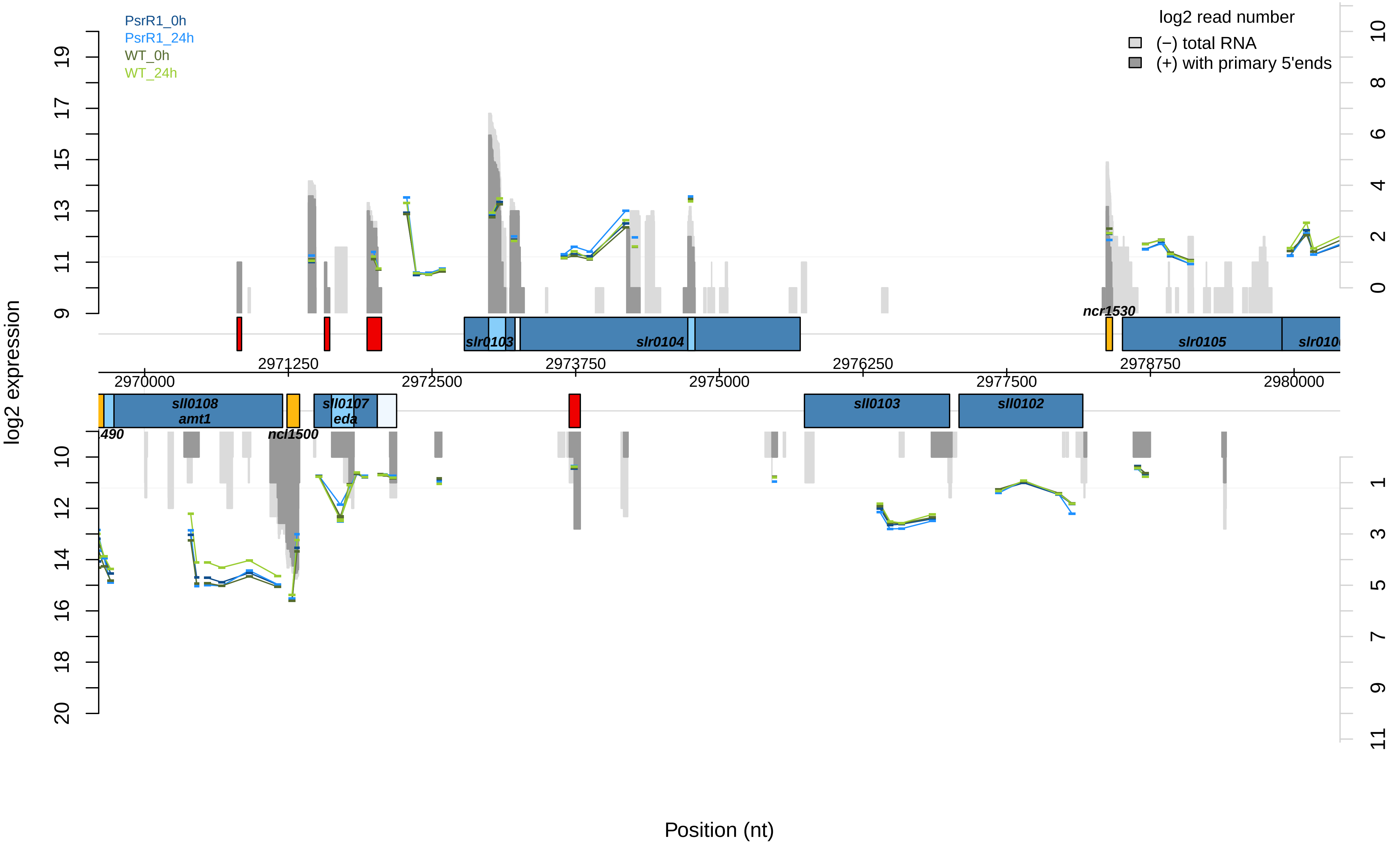
sll0585
sll0584
ycf36
sll0109
aroH
ncl1480
ncl1490
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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1
3
5
7
9
11
slr0103
slr0104
ncr1530
slr0105
sll0108
amt1
490
ncl1500
sll0107
eda
sll0103
sll0102
2970000
2971250
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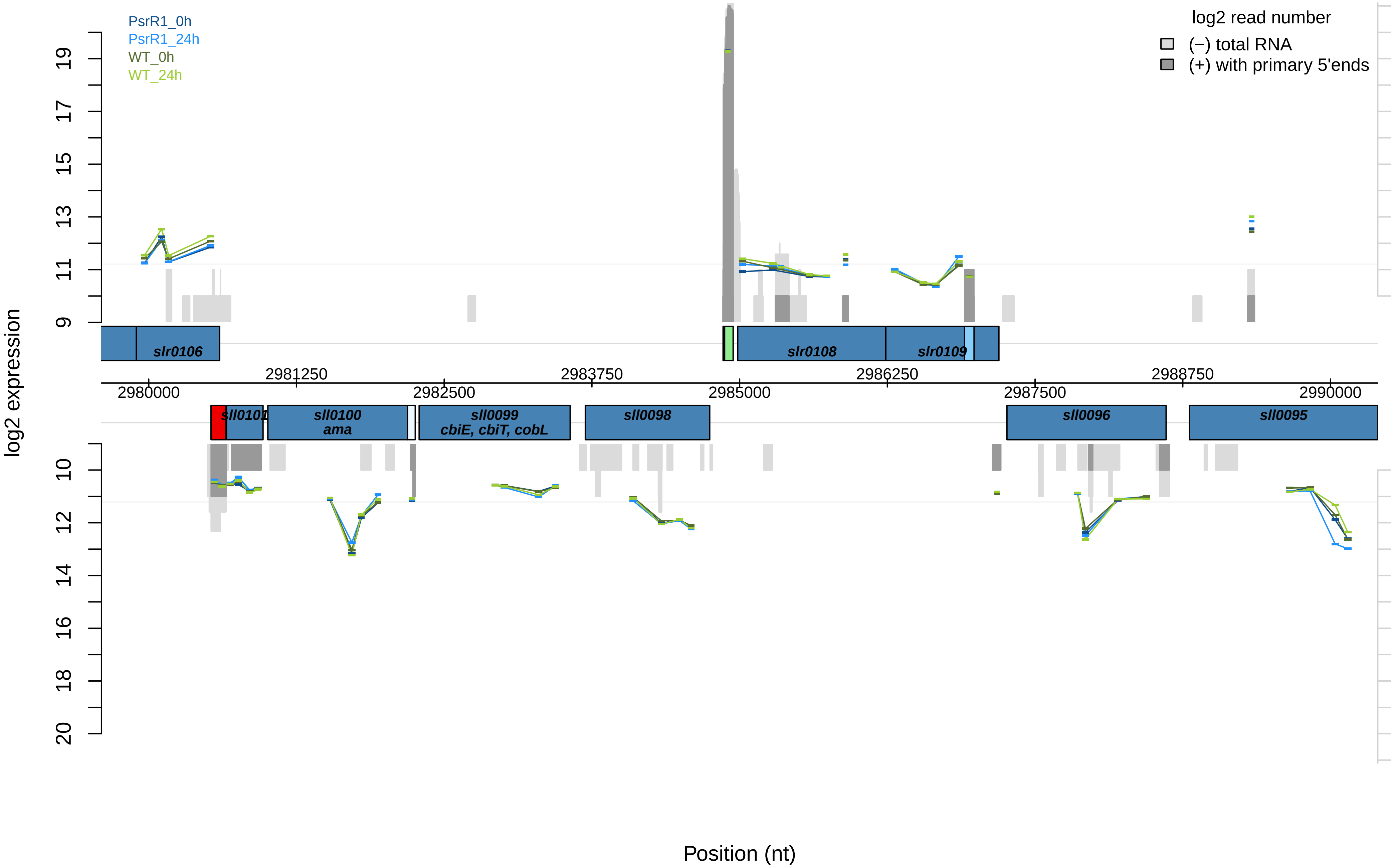
2977500
2978750
2980000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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4
2
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1
3
5
7
9
11
slr0106
slr0108
slr0109
2980000
2981250
2982500
2983750
2985000
2986250
2987500
2988750
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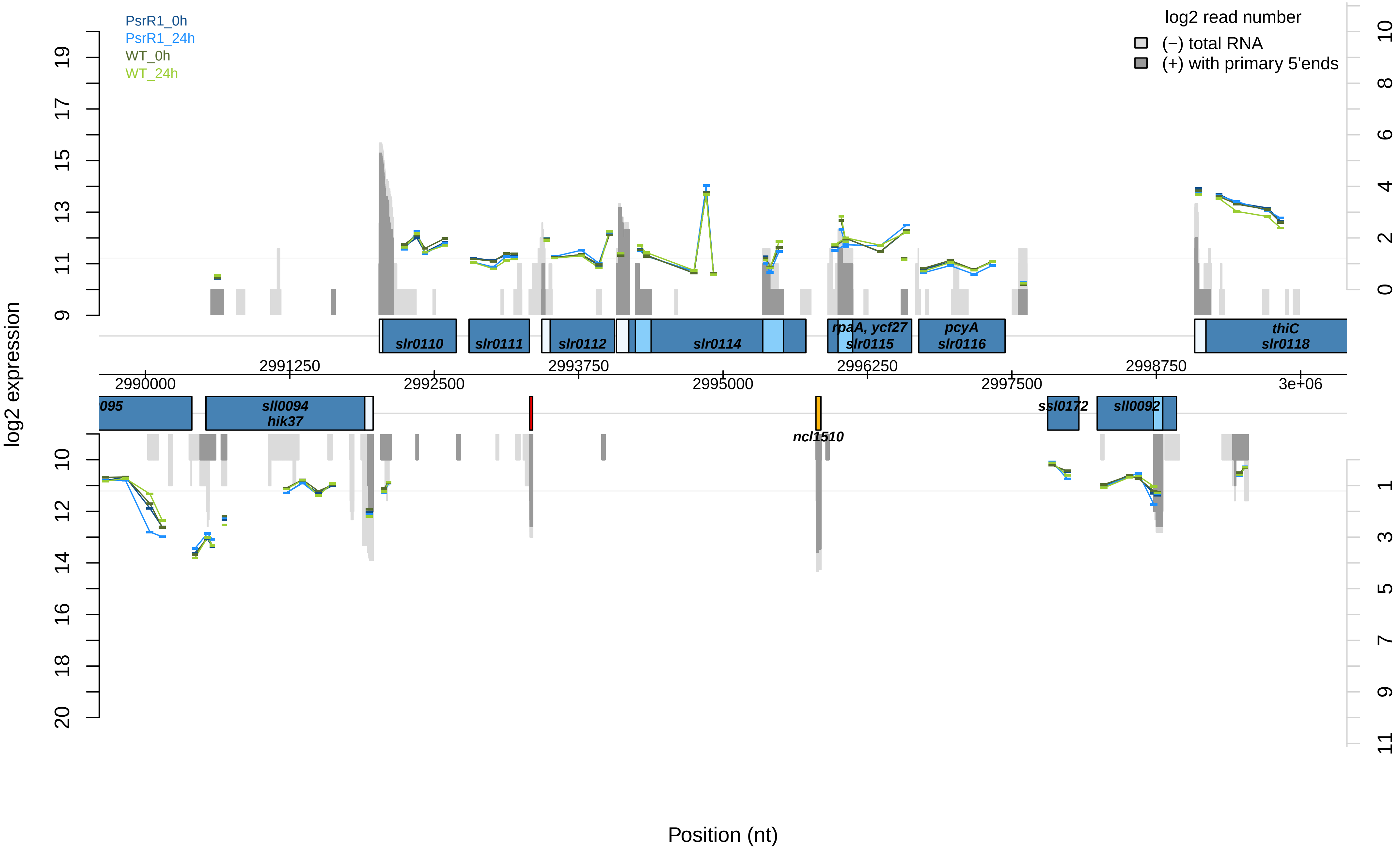
sll0101
sll0100
ama
sll0099
cbiE, cbiT, cobL
sll0098
sll0096
sll0095
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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4
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8
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1
3
5
7
9
11
slr0110
slr0111
slr0112
slr0114
rpaA, ycf27
slr0115
pcyA
slr0116
thiC
slr0118
2991250
2993750
2996250
2998750
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2992500
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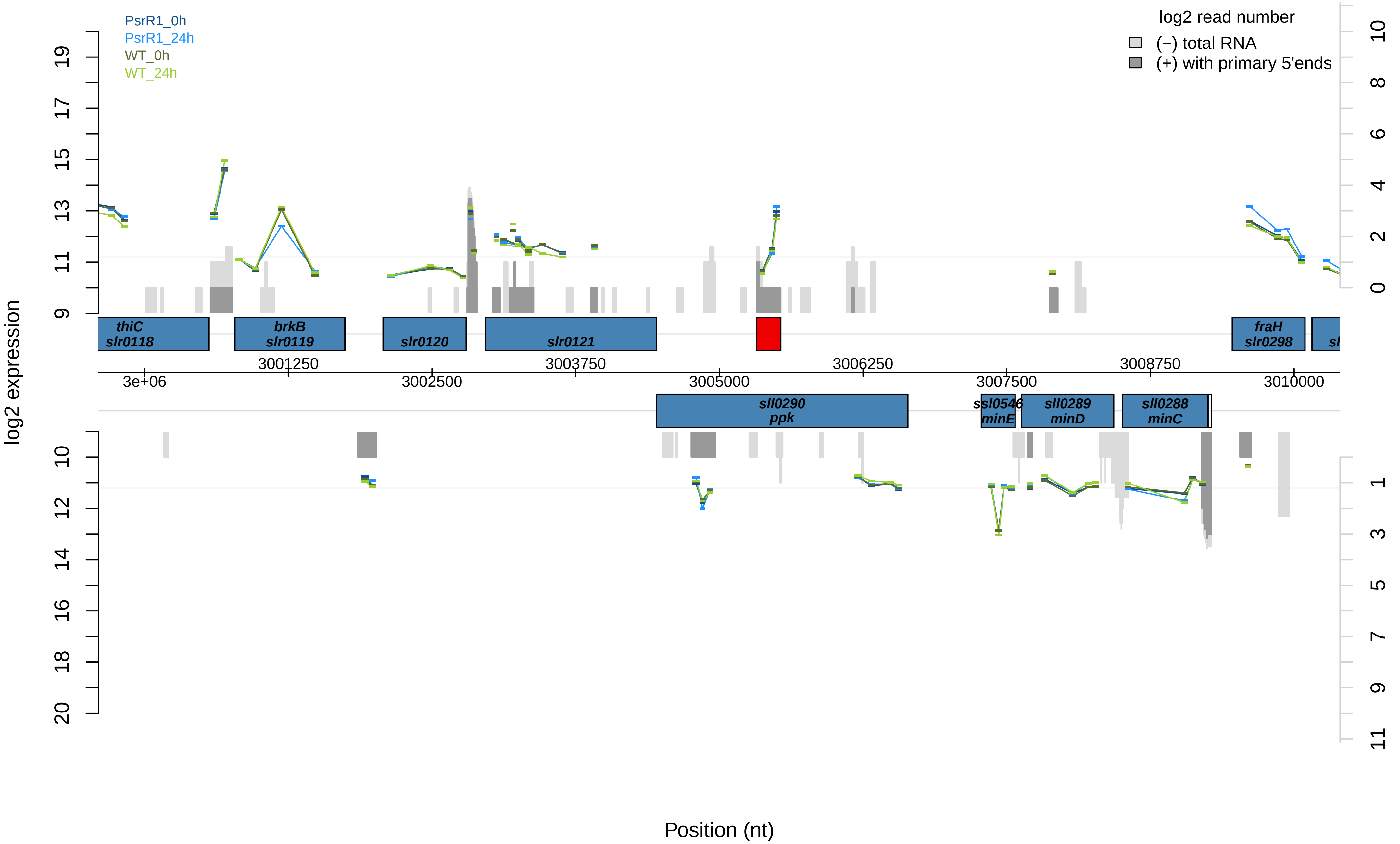
2997500
3e+06
095
sll0094
hik37
ncl1510
ssl0172
sll0092
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
thiC
slr0118
brkB
slr0119
slr0120
slr0121
fraH
slr0298
sl
sll0290
ppk
ssl0546
minE
sll0289
minD
sll0288
minC
3e+06
3001250
3002500
3003750
3005000
3006250
3007500
3008750
3010000
9
11
13
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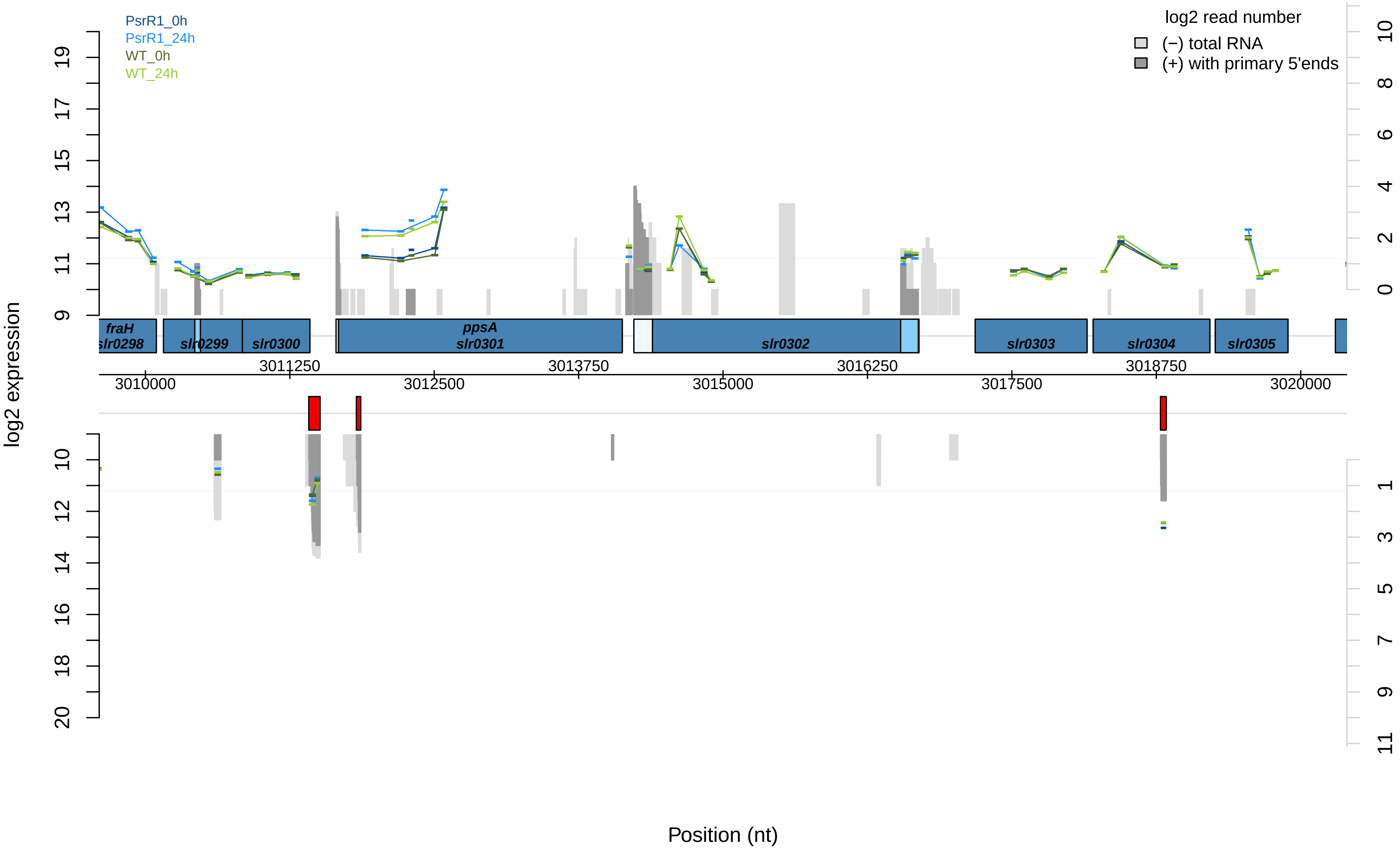
9
11


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
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17
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12
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18
20
0
2
4
6
8
10
1
3
5
7
9
11
fraH
slr0298
slr0299
slr0300
ppsA
slr0301
slr0302
slr0303
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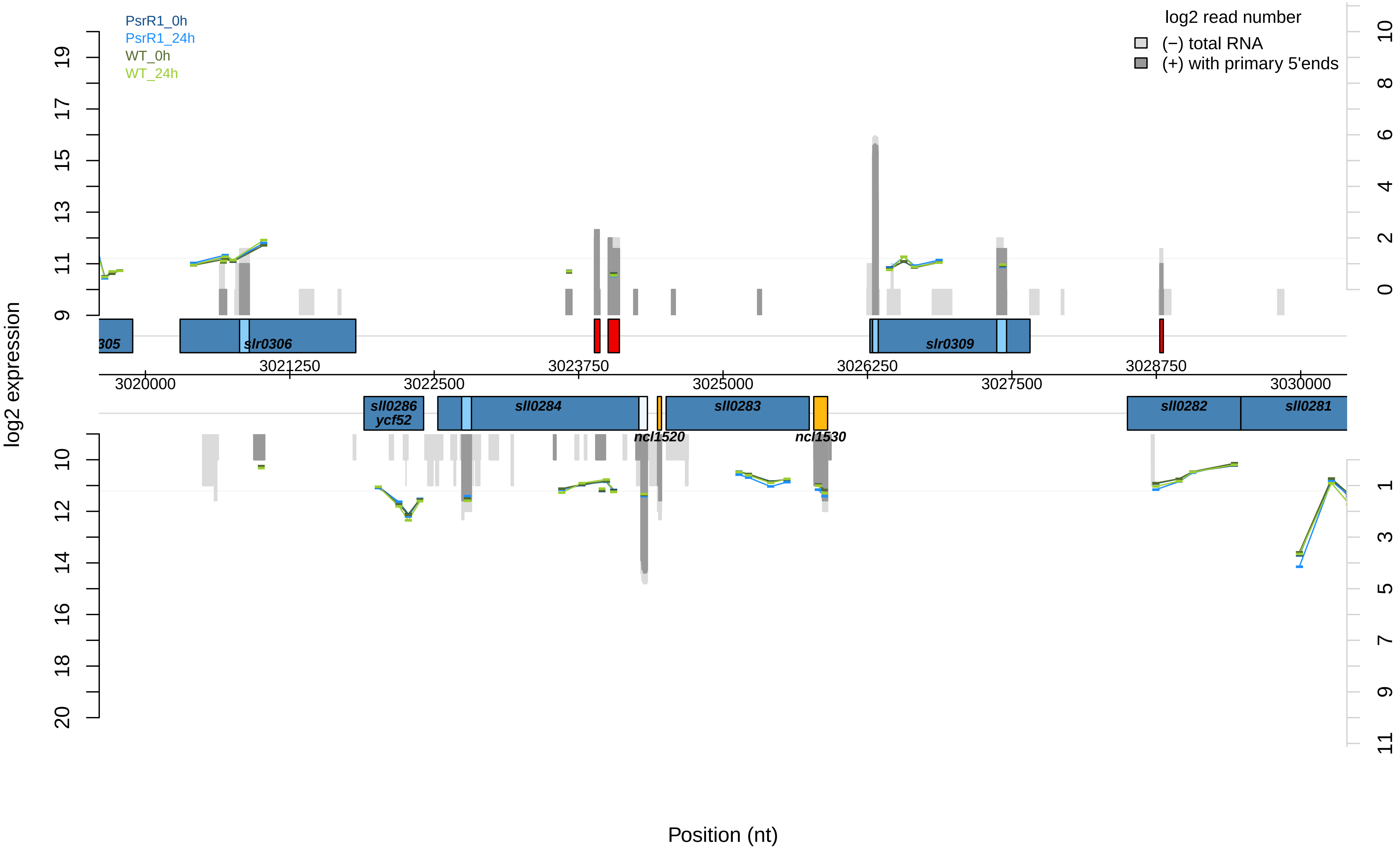
3020000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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1
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11
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slr0309
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3023750
3026250
3028750
3020000
3022500
3025000
3027500
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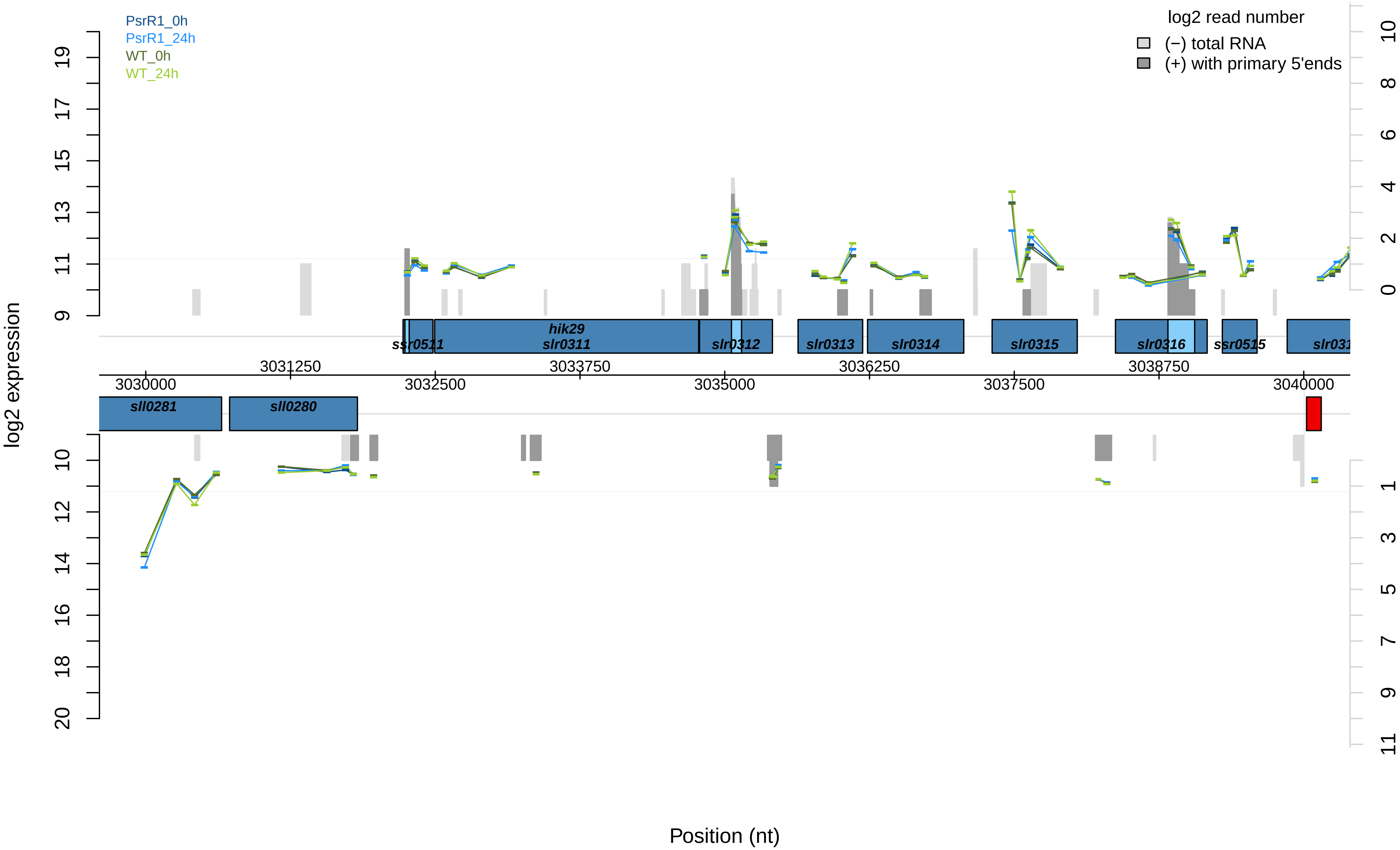
ycf52
sll0284
ncl1520
sll0283
ncl1530
sll0282
sll0281
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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11
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6
4
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1
3
5
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9
11
hik29
slr0311
ssr0511
slr0312
slr0313
slr0314
slr0315
slr0316
ssr0515
slr031
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3040000
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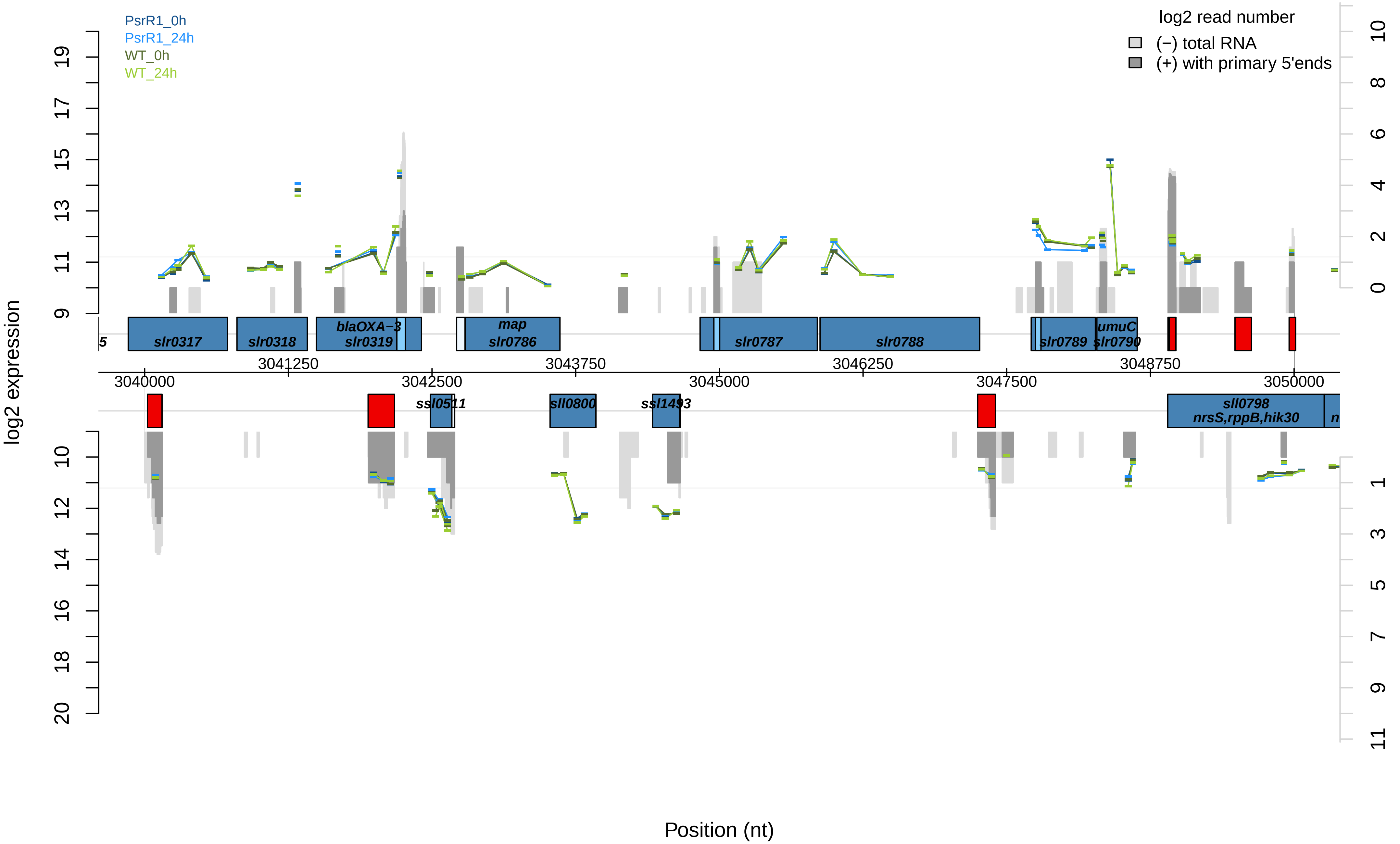
sll0280
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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7
9
11
5
slr0317
slr0318
blaOXA−3
slr0319
map
slr0786
slr0787
slr0788
slr0789
umuC
slr0790
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3046250
3048750
3040000
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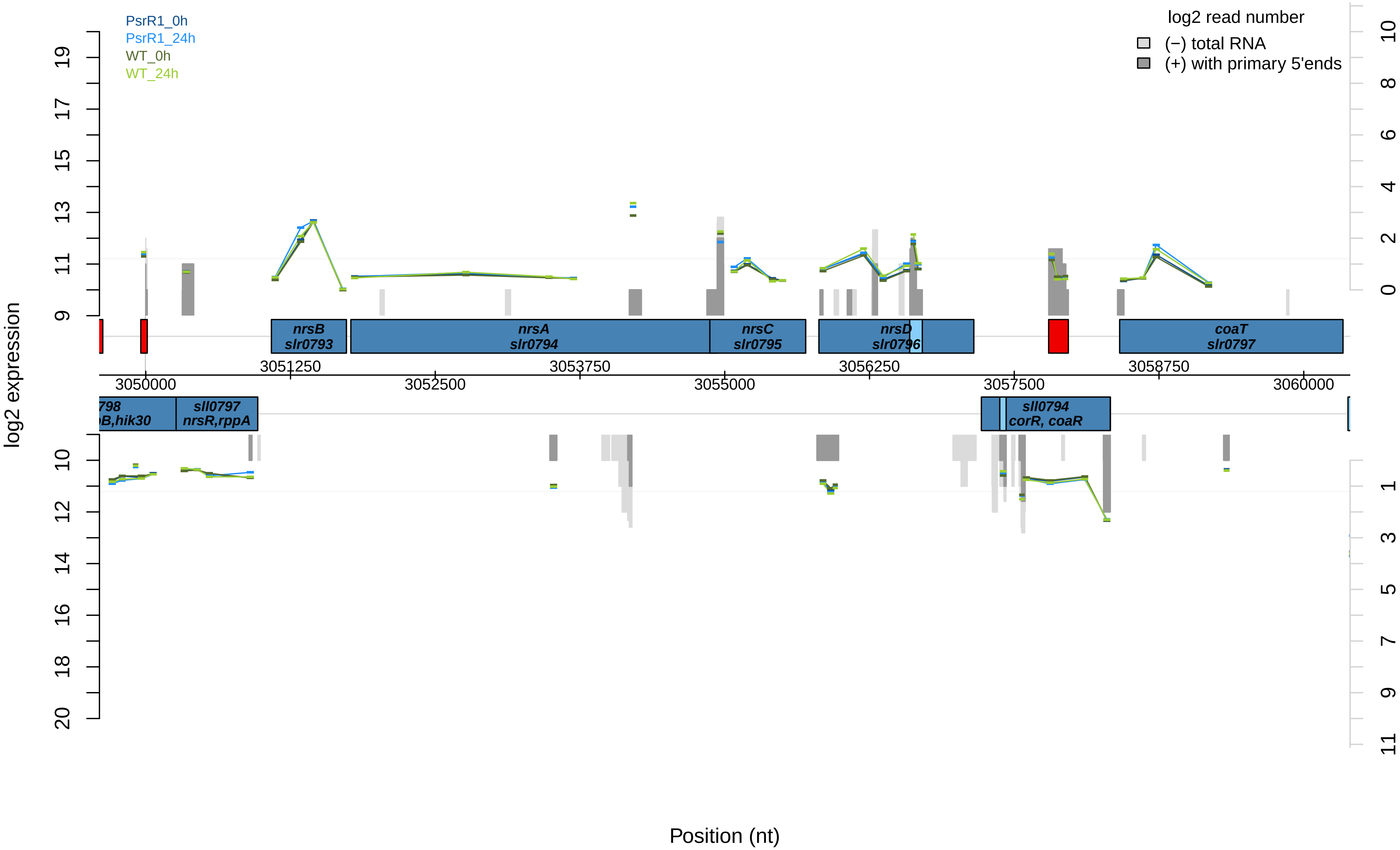
3050000
ssl0511
sll0800
ssl1493
sll0798
nrsS,rppB,hik30
n
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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3
5
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9
11
nrsB
slr0793
nrsA
slr0794
nrsC
slr0795
nrsD
slr0796
coaT
slr0797
798
B,hik30
sll0797
nrsR,rppA
sll0794
corR, coaR
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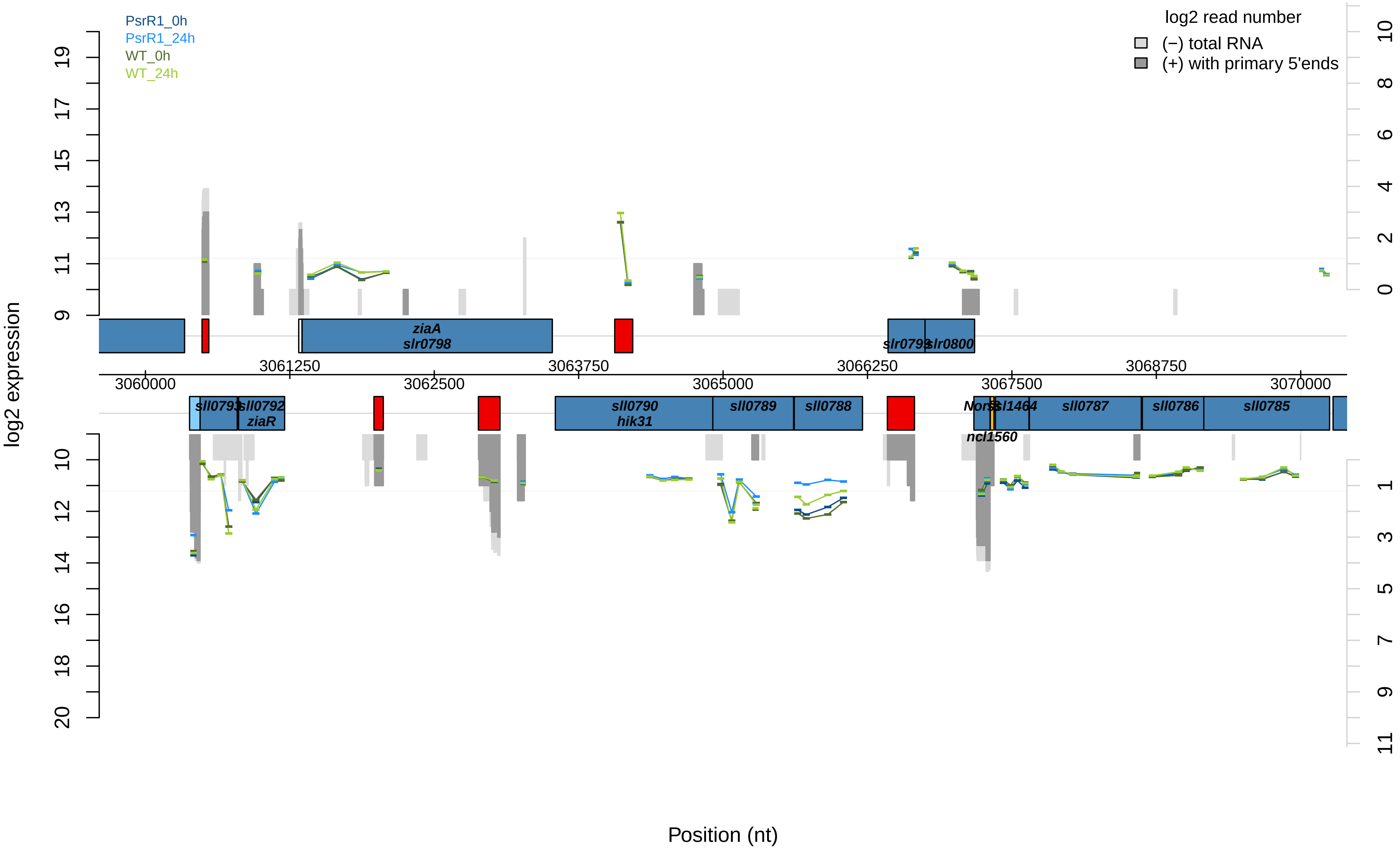
3060000
Position (nt)


PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
9
11
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slr0799
slr0800
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3067500
3070000
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sll0792
ziaR
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hik31
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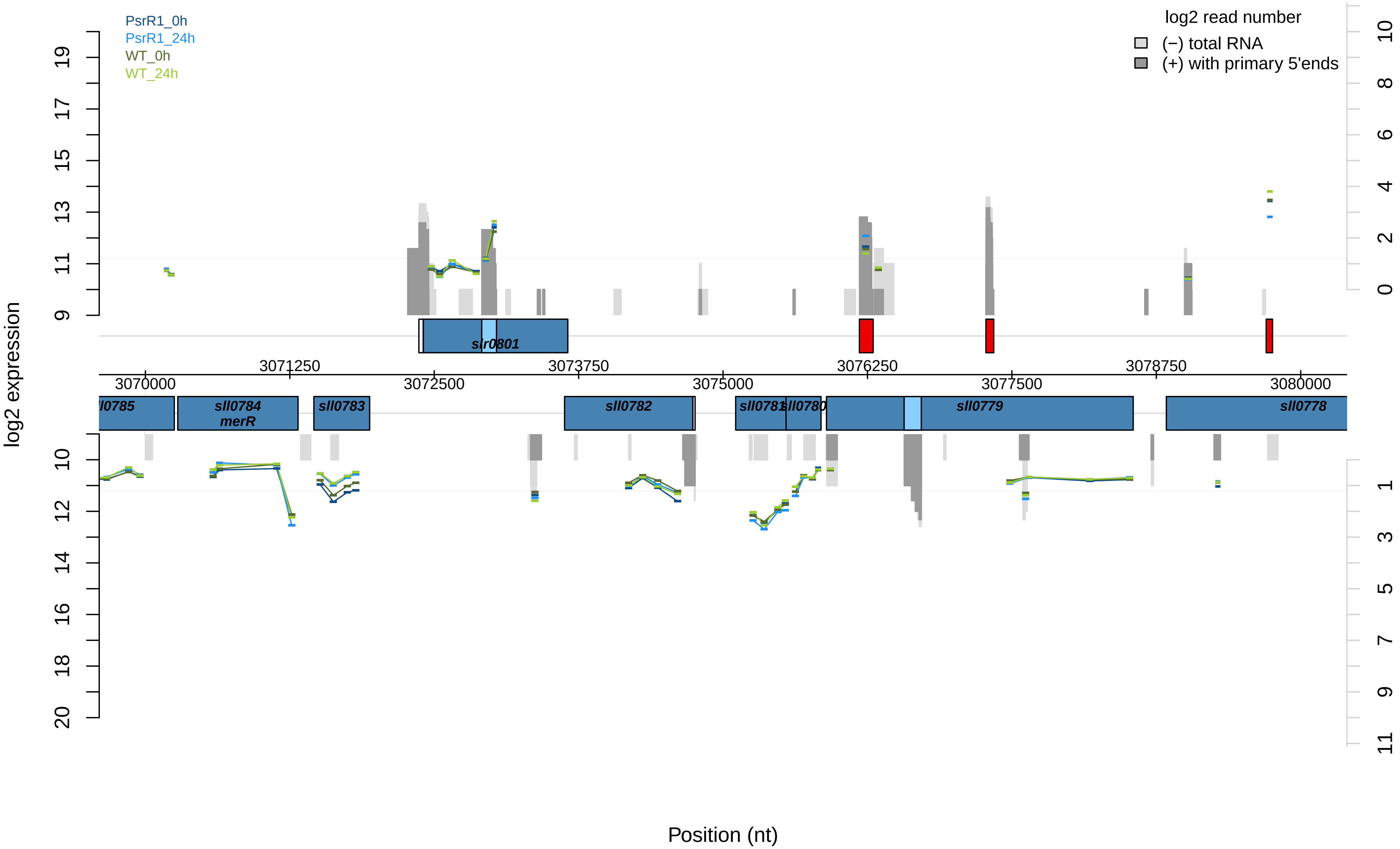
sll0788
NorS
ssl1464
ncl1560
sll0787
sll0786
sll0785
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
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6
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3
5
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9
11
slr0801
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3073750
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3078750
3070000
3072500
3075000
3077500
3080000
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sll0784
merR
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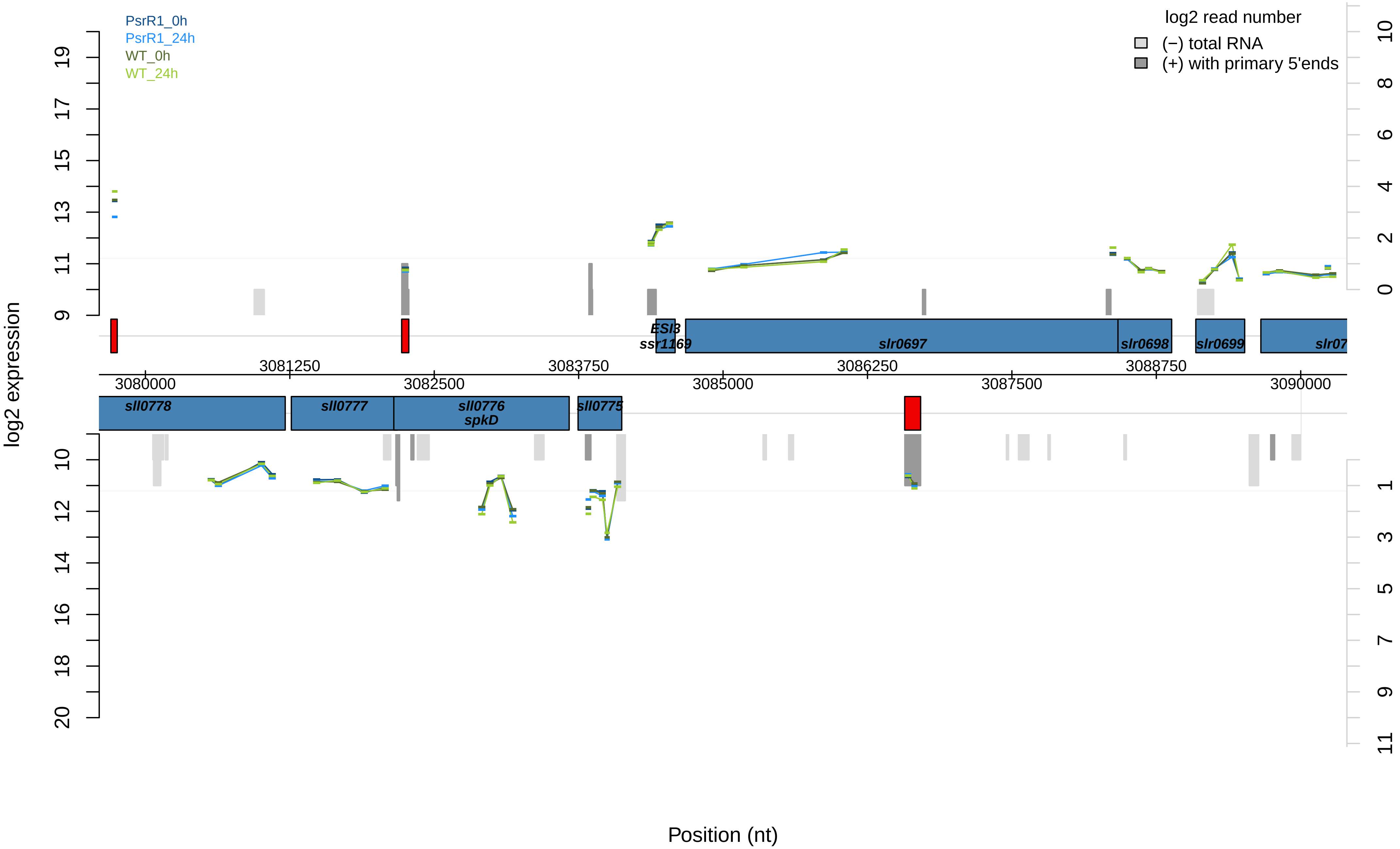
sll0782
sll0781
sll0780
sll0779
sll0778
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
9
11
ESl3
ssr1169
slr0697
slr0698
slr0699
slr07
sll0778
sll0777
sll0776
spkD
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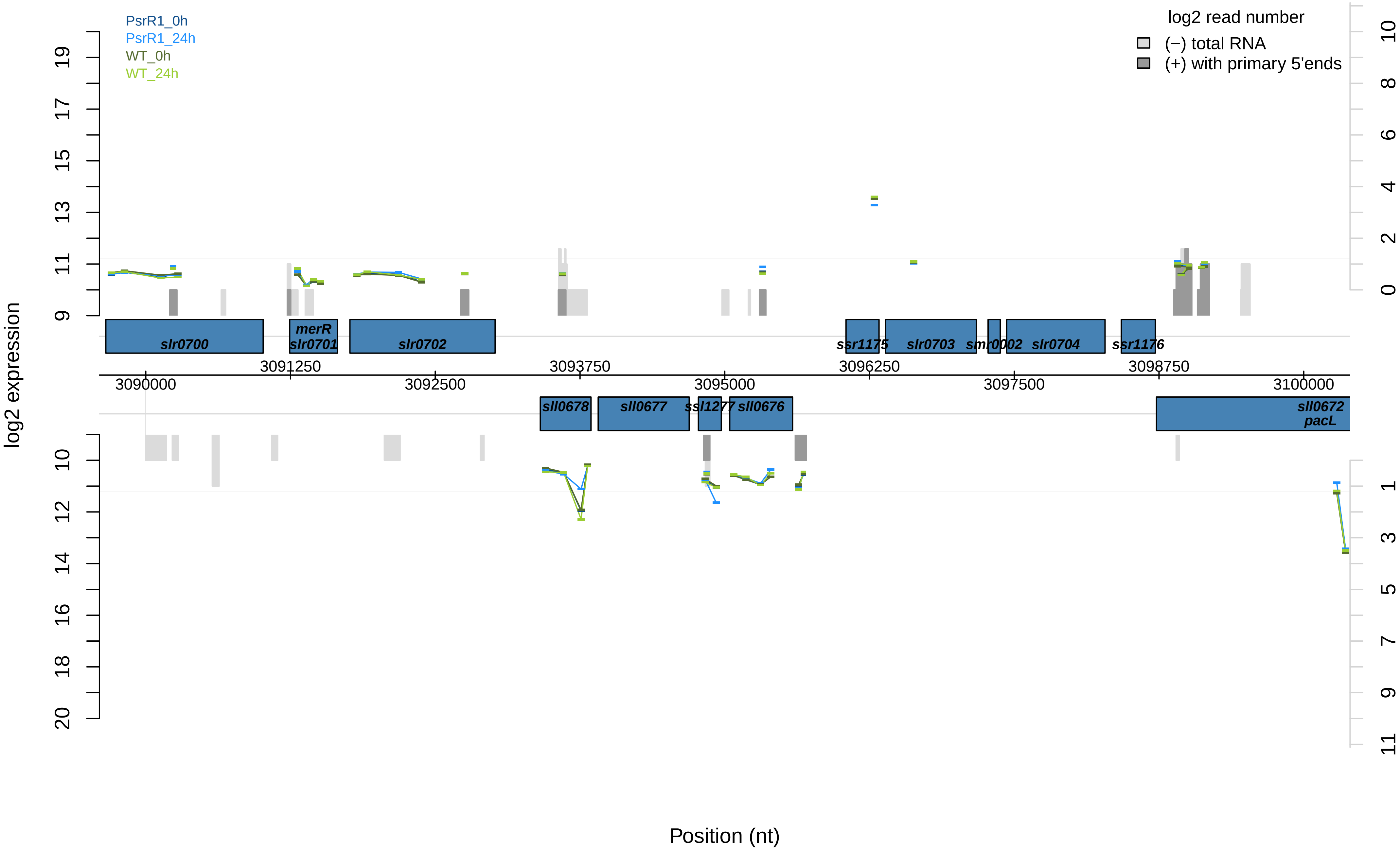
3087500
3088750
3090000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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7
9
11
slr0700
merR
slr0701
slr0702
ssr1175
slr0703
smr0002
slr0704
ssr1176
sll0678
sll0677
ssl1277
sll0676
sll0672
pacL
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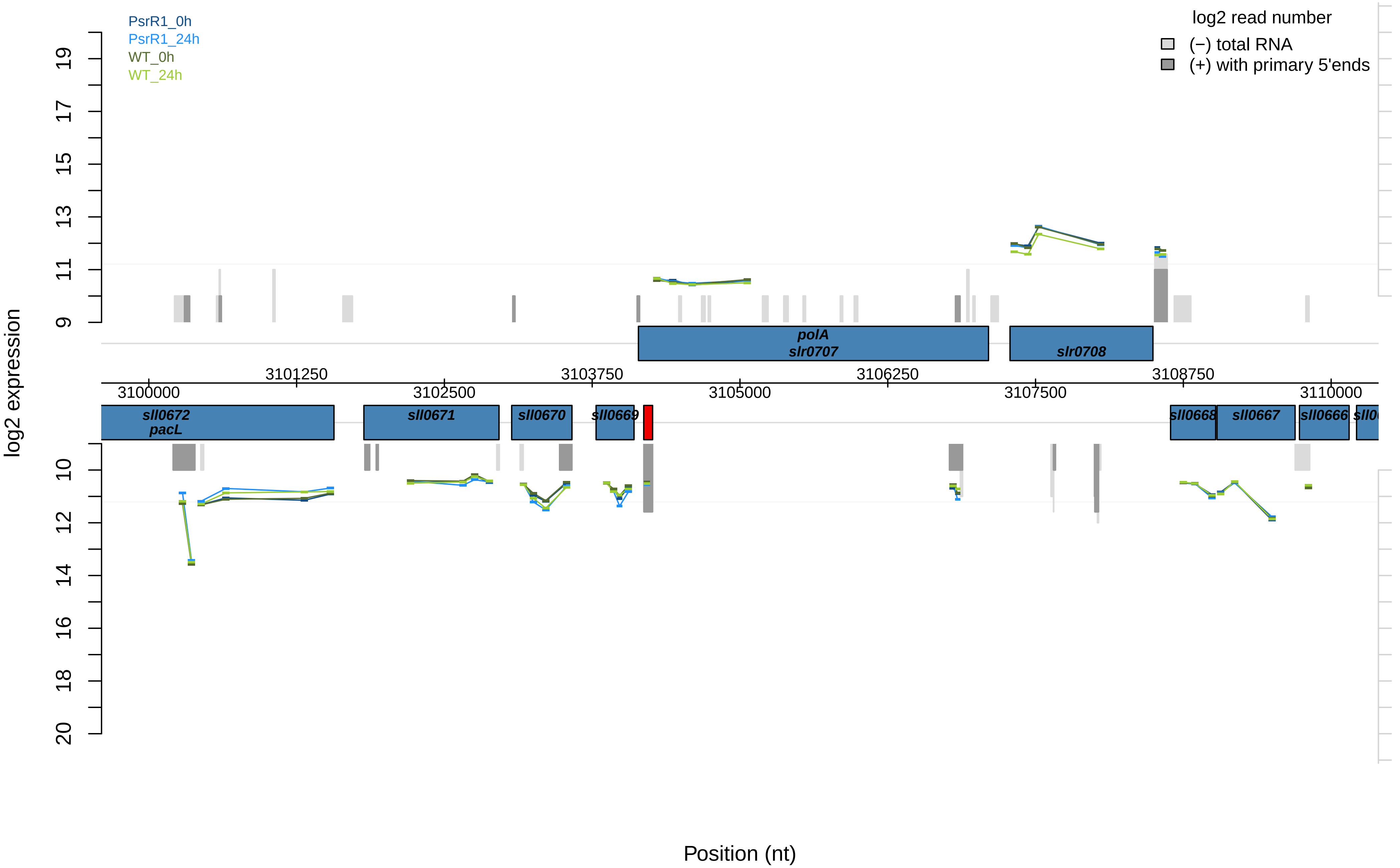
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
polA
slr0707
slr0708
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pacL
sll0671
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sll0669
sll0668
sll0667
sll0666
sll06
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3110000
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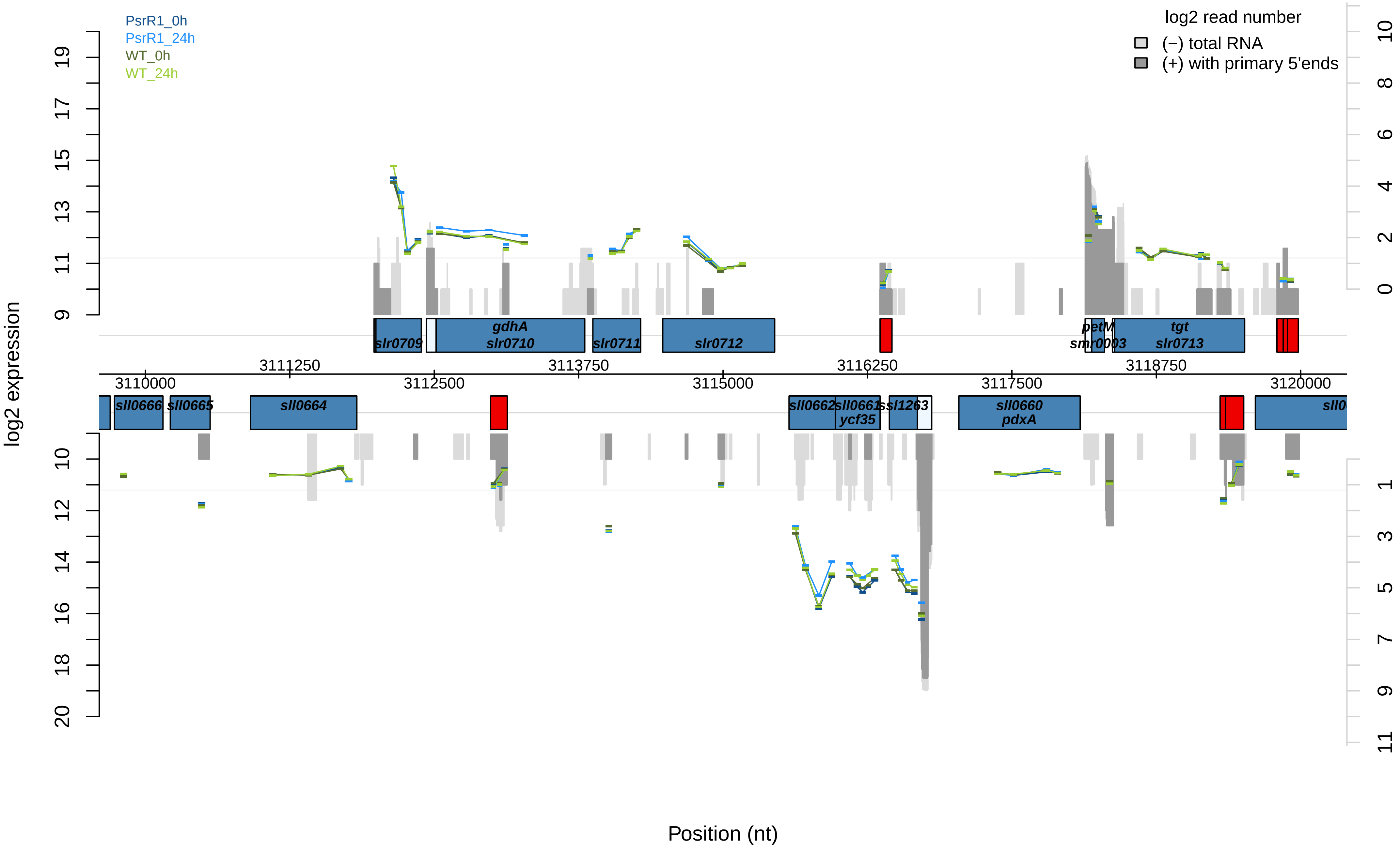
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
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16
18
20
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smr0003
tgt
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3120000
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sll0661
ycf35
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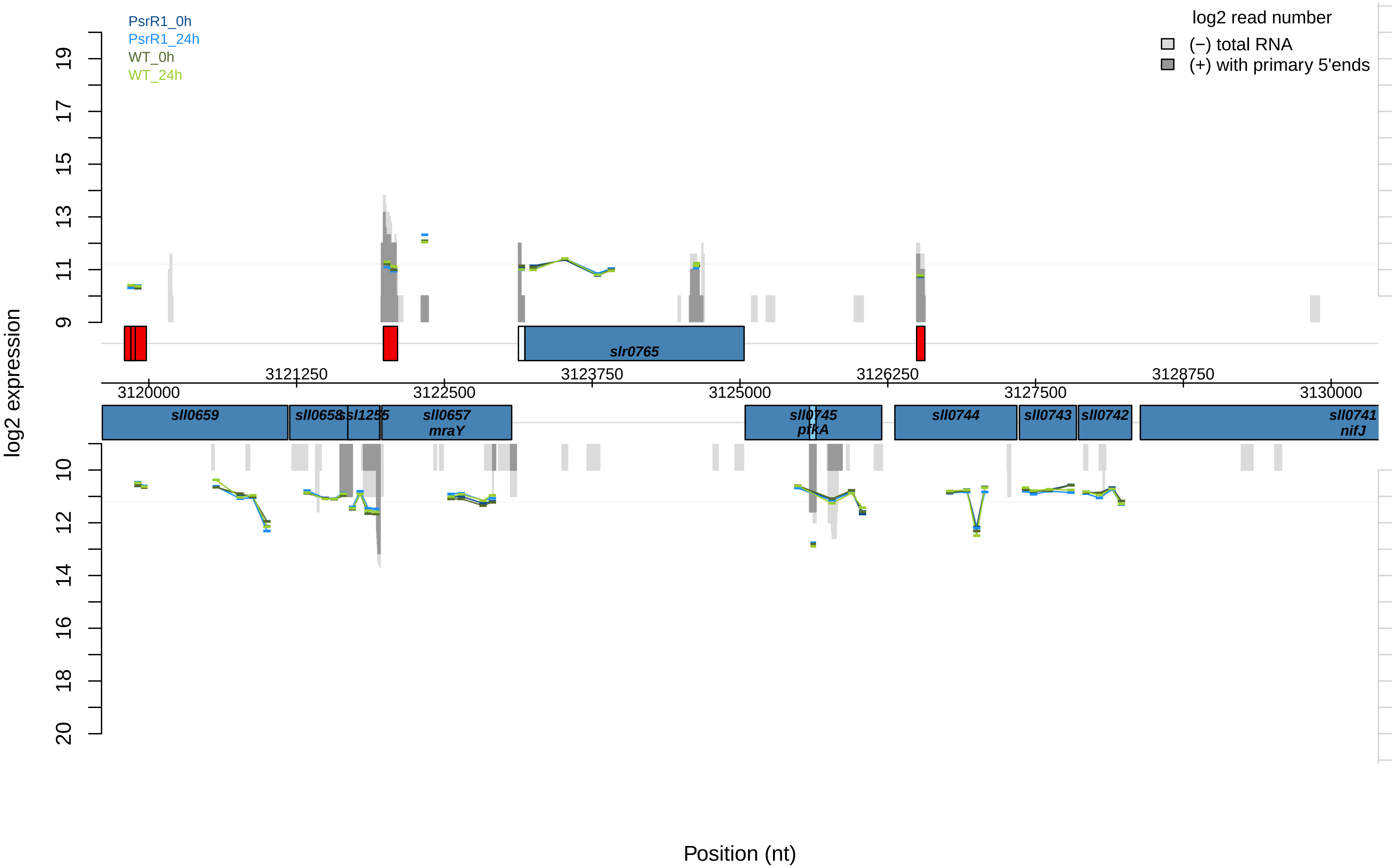
sll0660
pdxA
sll0
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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2
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8
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slr0765
3120000
3121250
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3123750
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3127500
3128750
3130000
sll0659
sll0658
ssl1255
sll0657
mraY
sll0745
pfkA
sll0744
sll0743
sll0742
sll0741
nifJ
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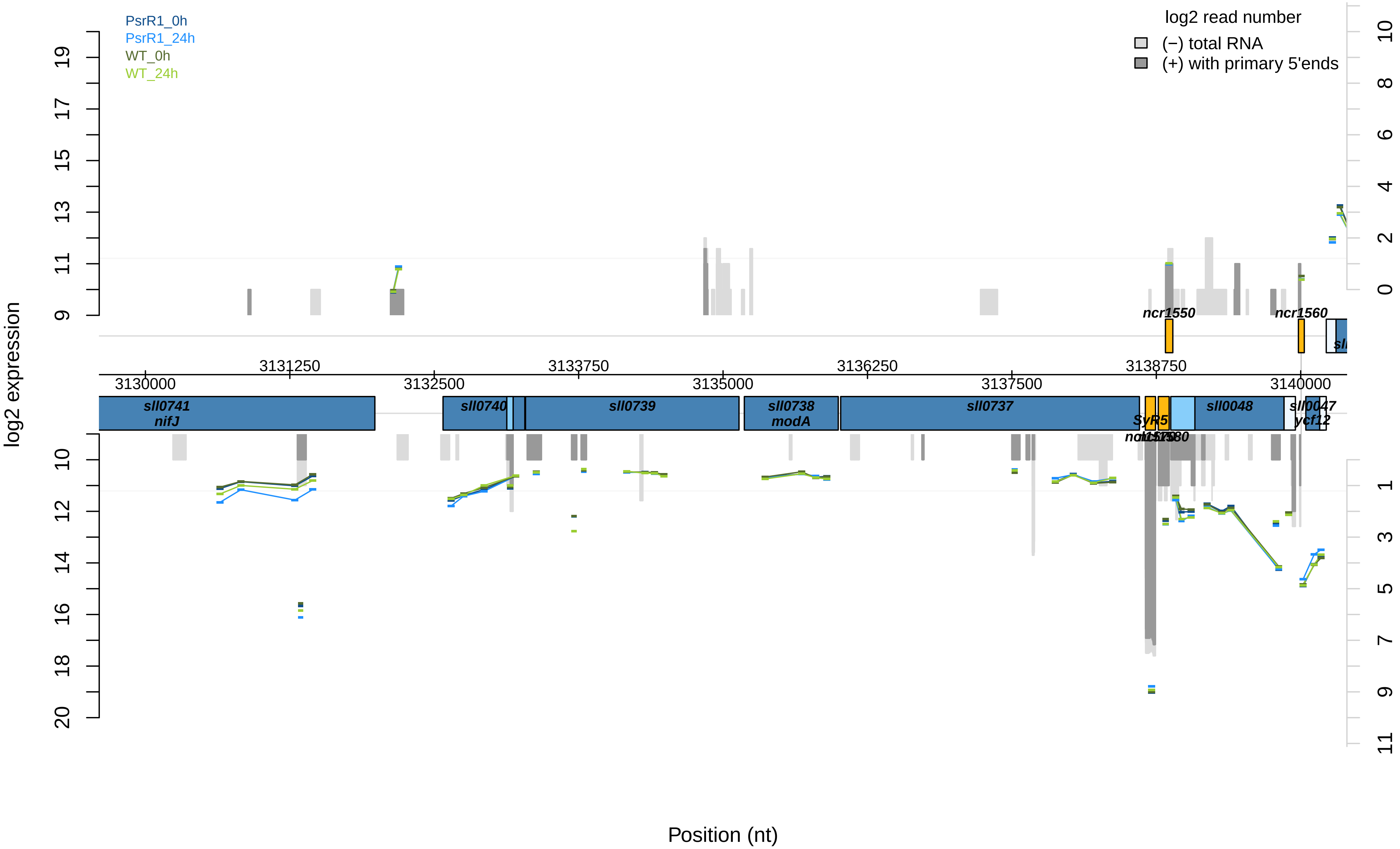
11
Position (nt)

PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
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17
19
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16
18
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2
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6
8
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3
5
7
9
11
ncr1550
ncr1560
sl
3130000
3131250
3132500
3133750
3135000
3136250
3137500
3138750
3140000
sll0741
nifJ
sll0740
sll0739
sll0738
modA
sll0737
SyR5
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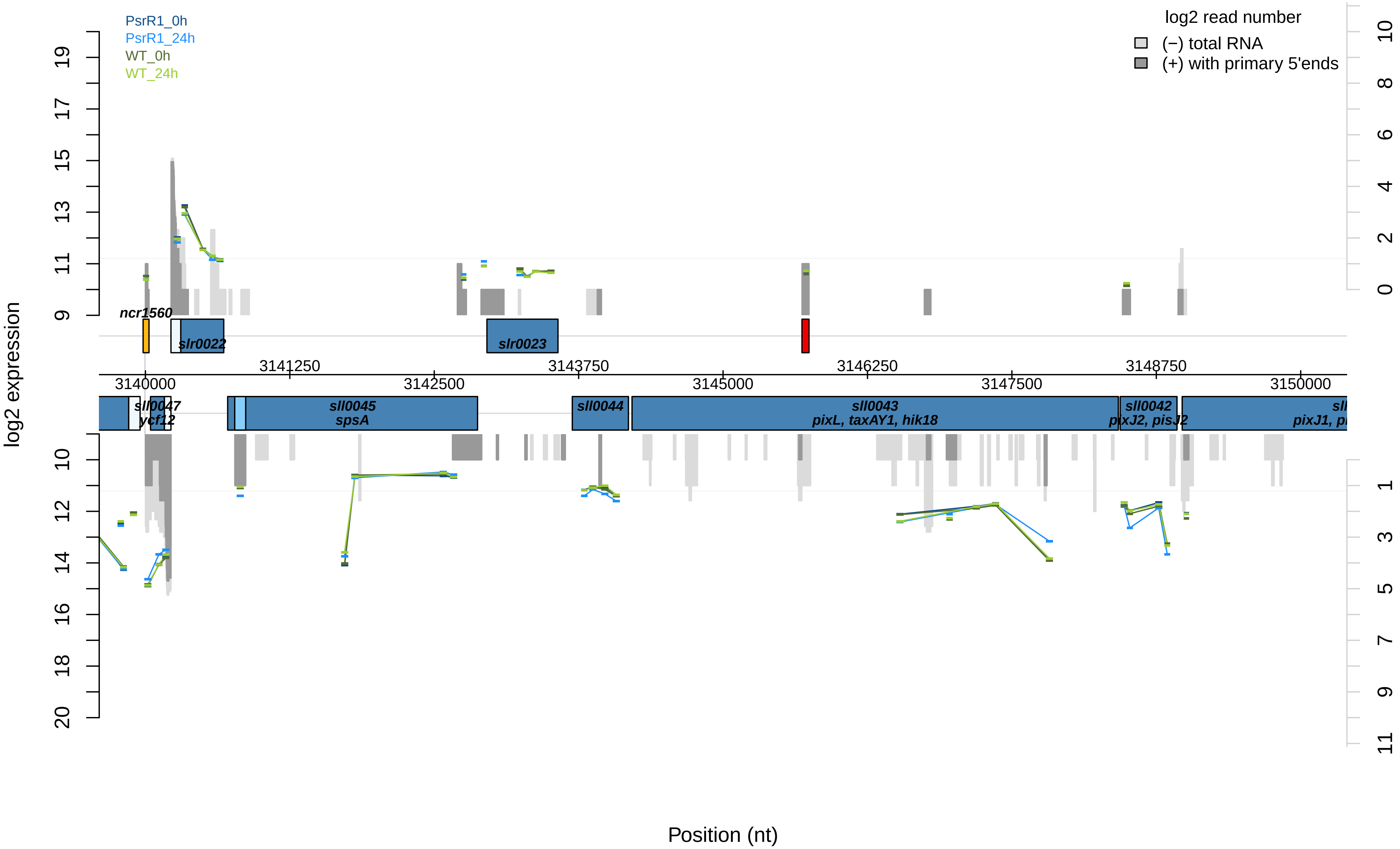
ncl1580
sll0048
sll0047
ycf12
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
9
11
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4
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8
10
1
3
5
7
9
11
ncr1560
slr0022
slr0023
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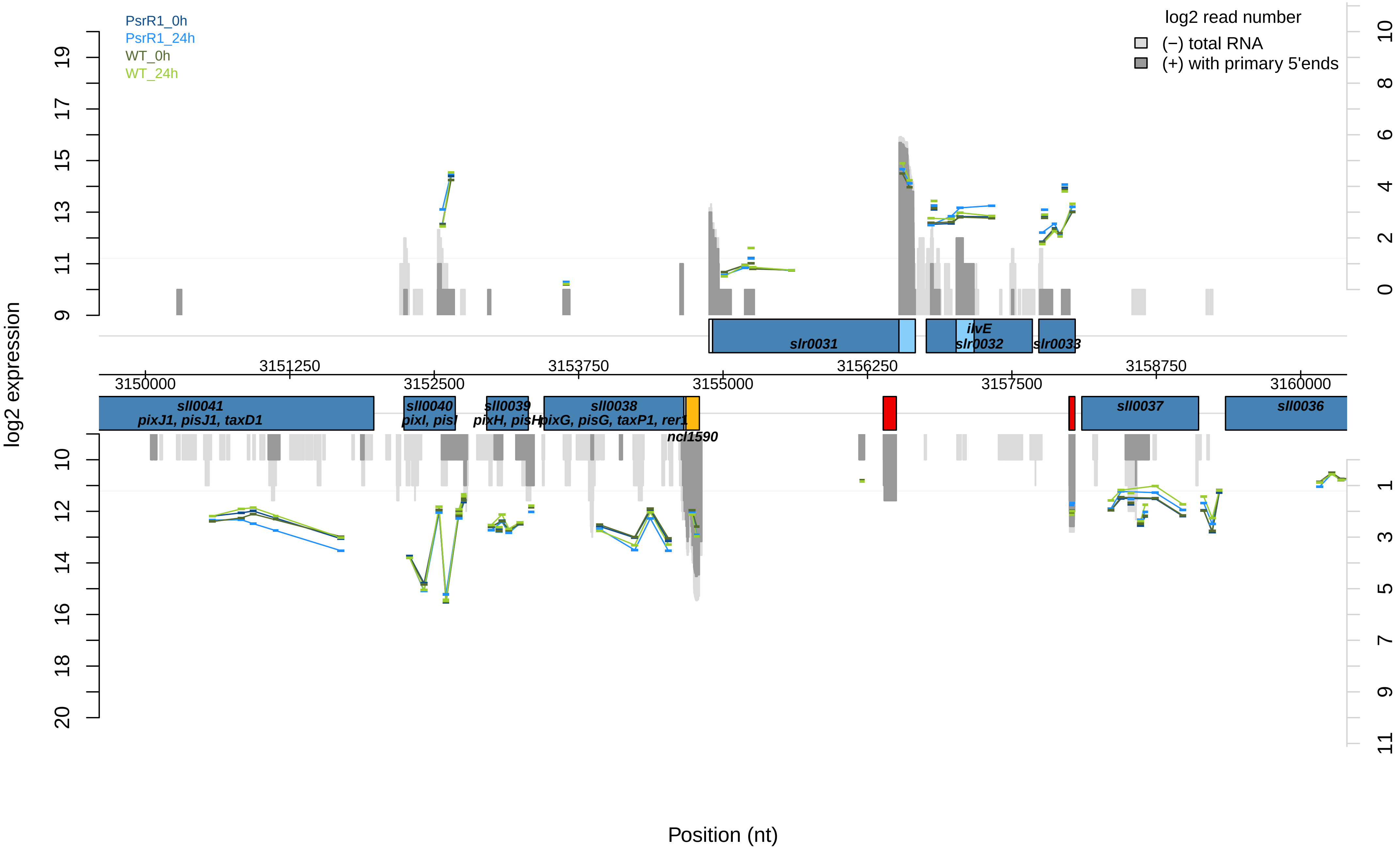
3148750
3140000
3142500
3145000
3147500
3150000
sll0047
ycf12
sll0045
spsA
sll0044
sll0043
pixL, taxAY1, hik18
sll0042
pixJ2, pisJ2
sll
pixJ1, pi
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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12
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16
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20
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4
6
8
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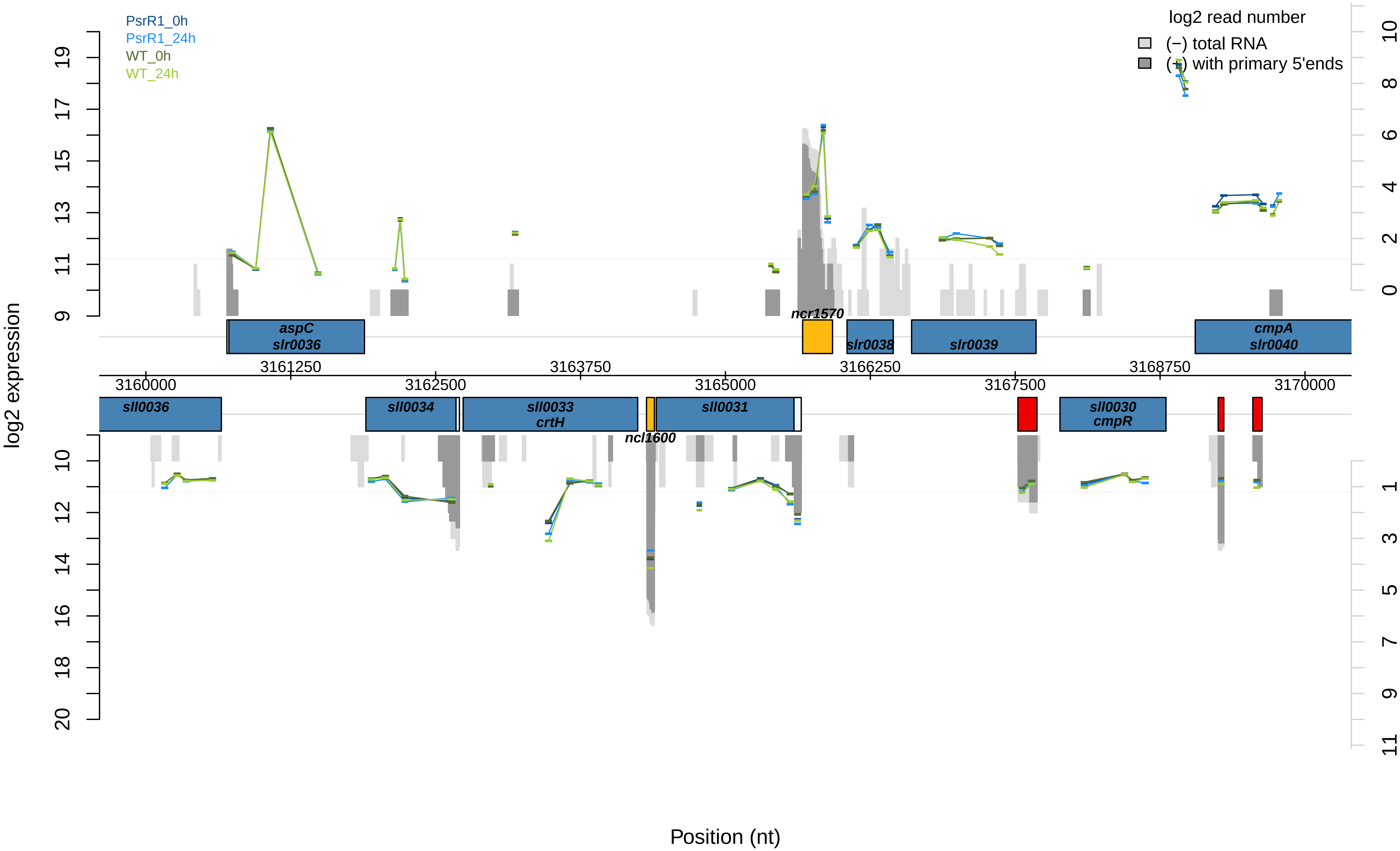
1
3
5
7
9
11
slr0031
ilvE
slr0032
slr0033
3151250
3153750
3156250
3158750
3150000
3152500
3155000
3157500
3160000
sll0041
pixJ1, pisJ1, taxD1
sll0040
pixI, pisI
sll0039
pixH, pisH
sll0038
pixG, pisG, taxP1, rer1
ncl1590
sll0037
sll0036
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
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17
19
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12
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18
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0
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4
6
8
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1
3
5
7
9
11
aspC
slr0036
ncr1570
slr0038
slr0039
cmpA
slr0040
3161250
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3168750
3160000
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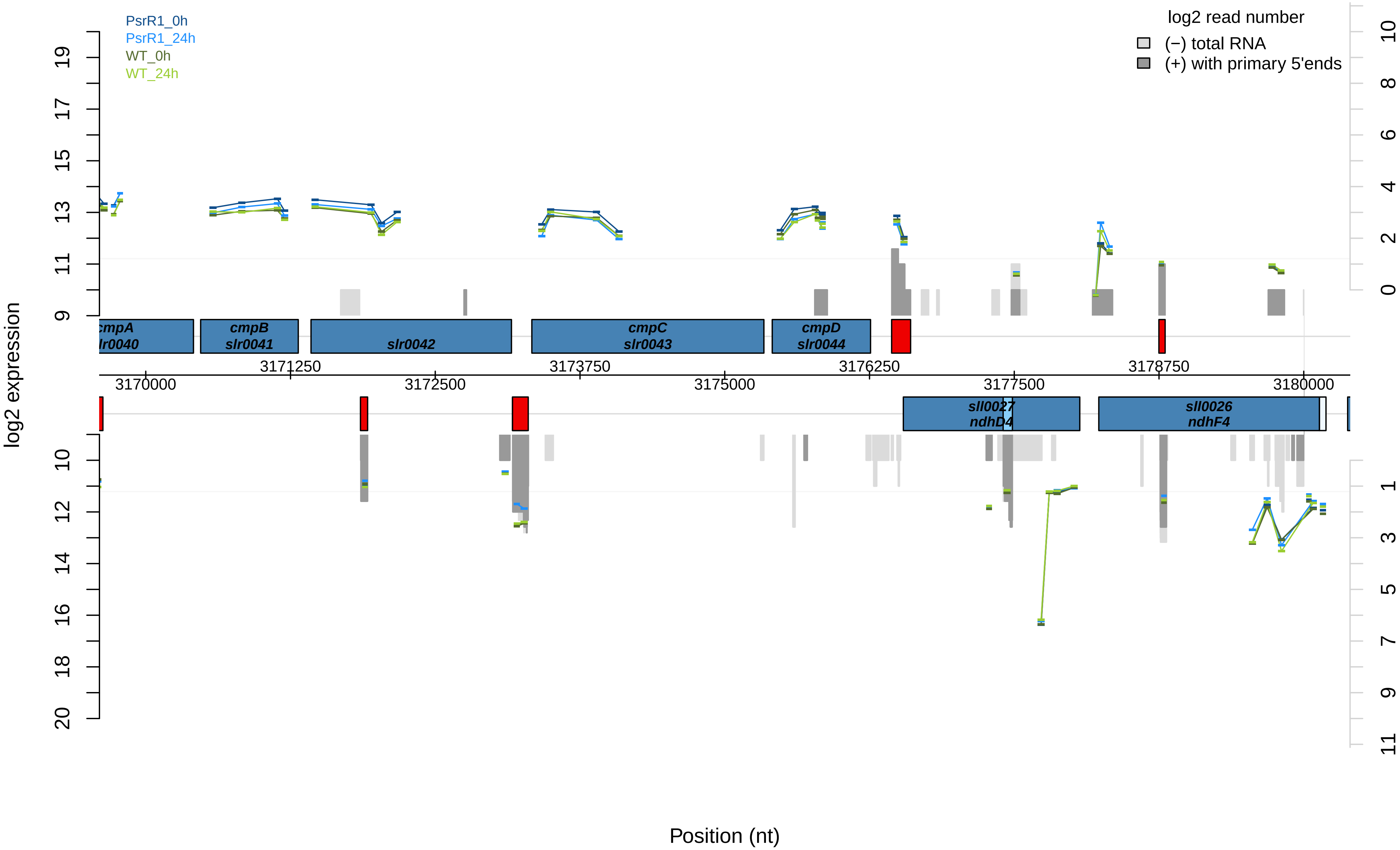
sll0034
sll0033
crtH
ncl1600
sll0031
sll0030
cmpR
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
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17
19
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12
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16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
mpA
lr0040
cmpB
slr0041
slr0042
cmpC
slr0043
cmpD
slr0044
sll0027
ndhD4
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3178750
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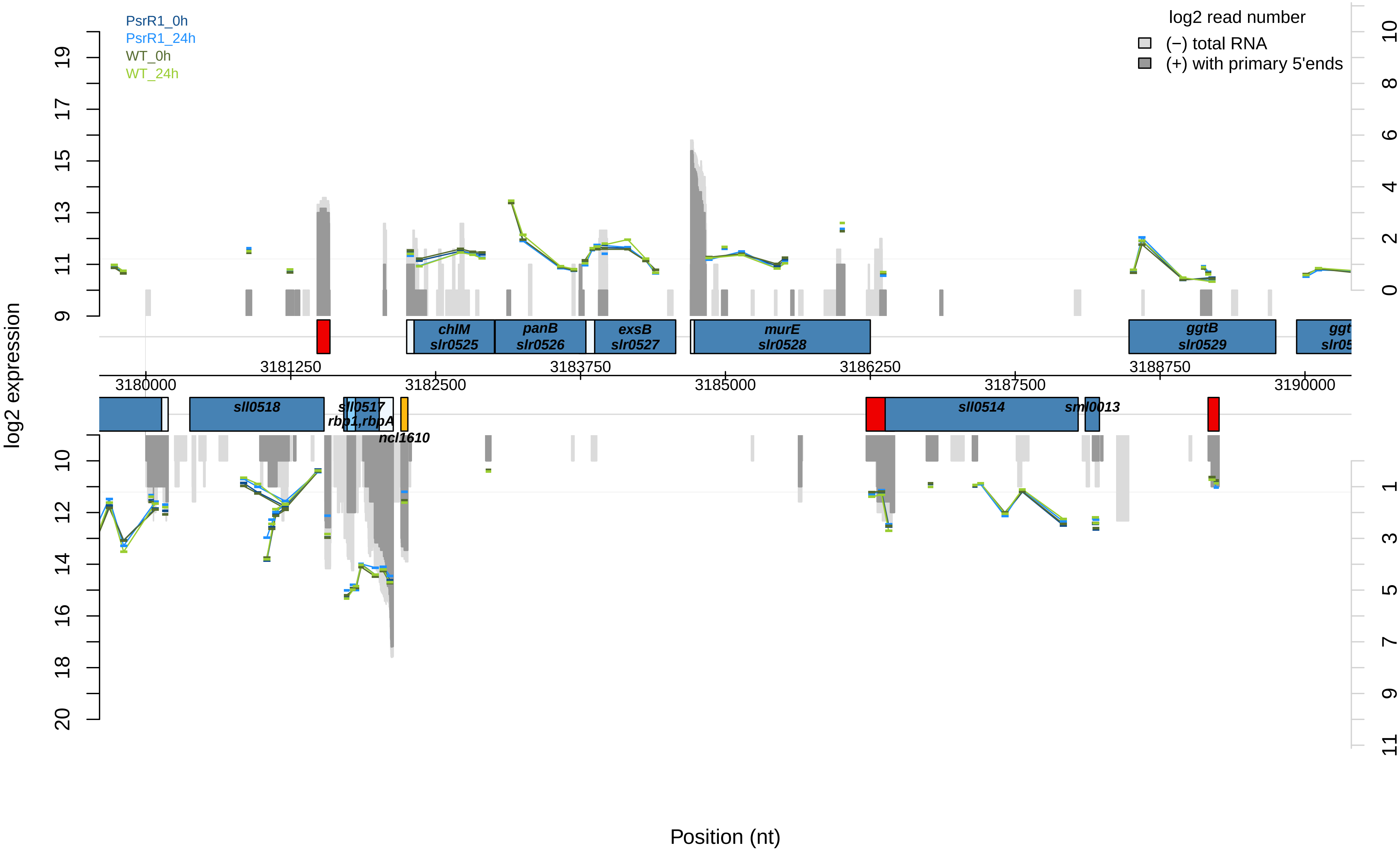
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
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0
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6
8
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1
3
5
7
9
11
chlM
slr0525
panB
slr0526
exsB
slr0527
murE
slr0528
ggtB
slr0529
ggt
slr05
3181250
3183750
3186250
3188750
3180000
3182500
3185000
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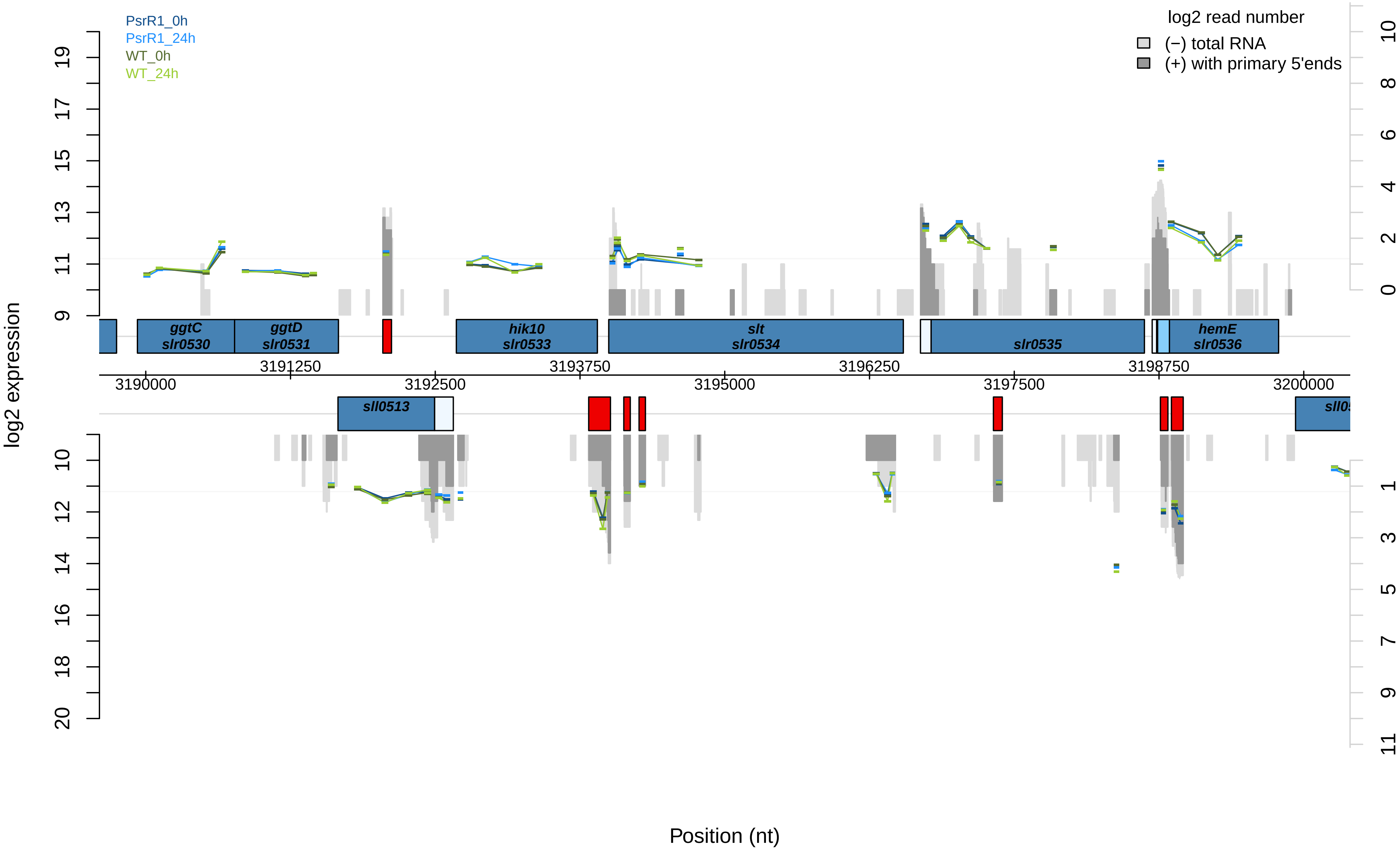
3190000
sll0518
sll0517
rbp1,rbpA
ncl1610
sll0514
sml0013
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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18
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2
4
6
8
10
1
3
5
7
9
11
ggtC
slr0530
ggtD
slr0531
hik10
slr0533
slt
slr0534
slr0535
hemE
slr0536
sll0513
3190000
3191250
3192500
3193750
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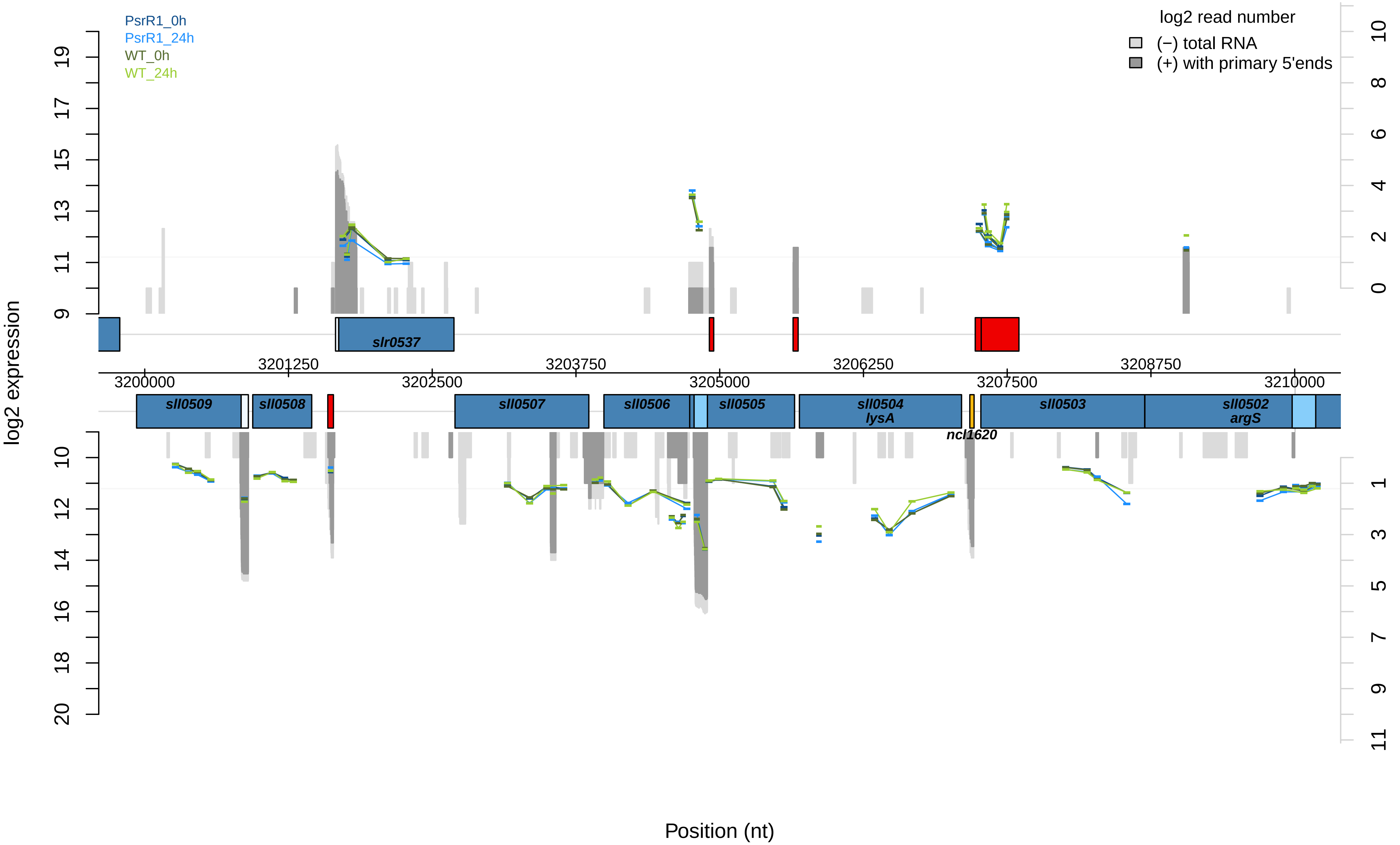
3197500
3198750
3200000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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4
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8
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1
3
5
7
9
11
slr0537
3201250
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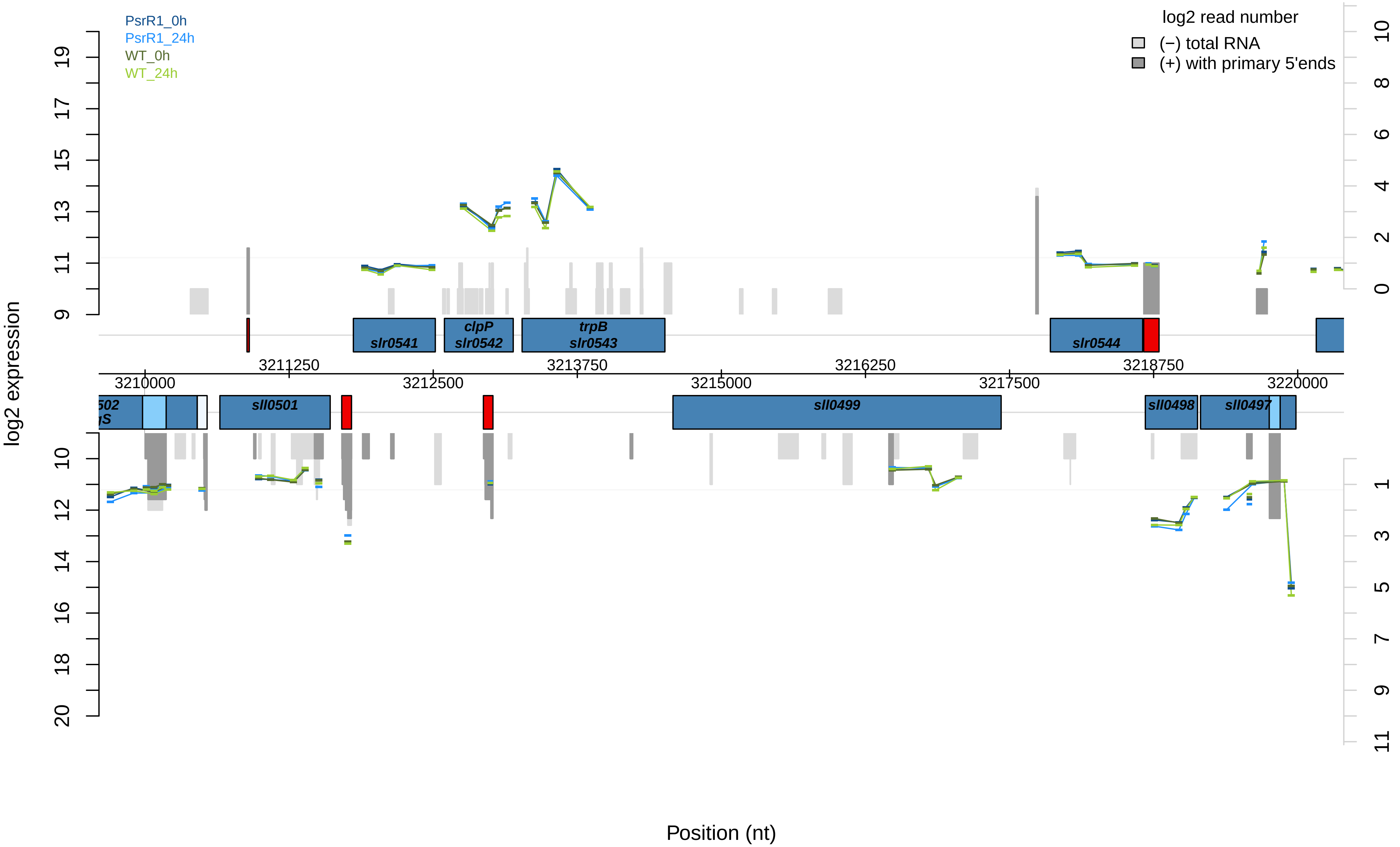
3206250
3208750
3200000
3202500
3205000
3207500
3210000
sll0509
sll0508
sll0507
sll0506
sll0505
sll0504
lysA
ncl1620
sll0503
sll0502
argS
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
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1
3
5
7
9
11
slr0541
clpP
slr0542
trpB
slr0543
slr0544
3211250
3213750
3216250
3218750
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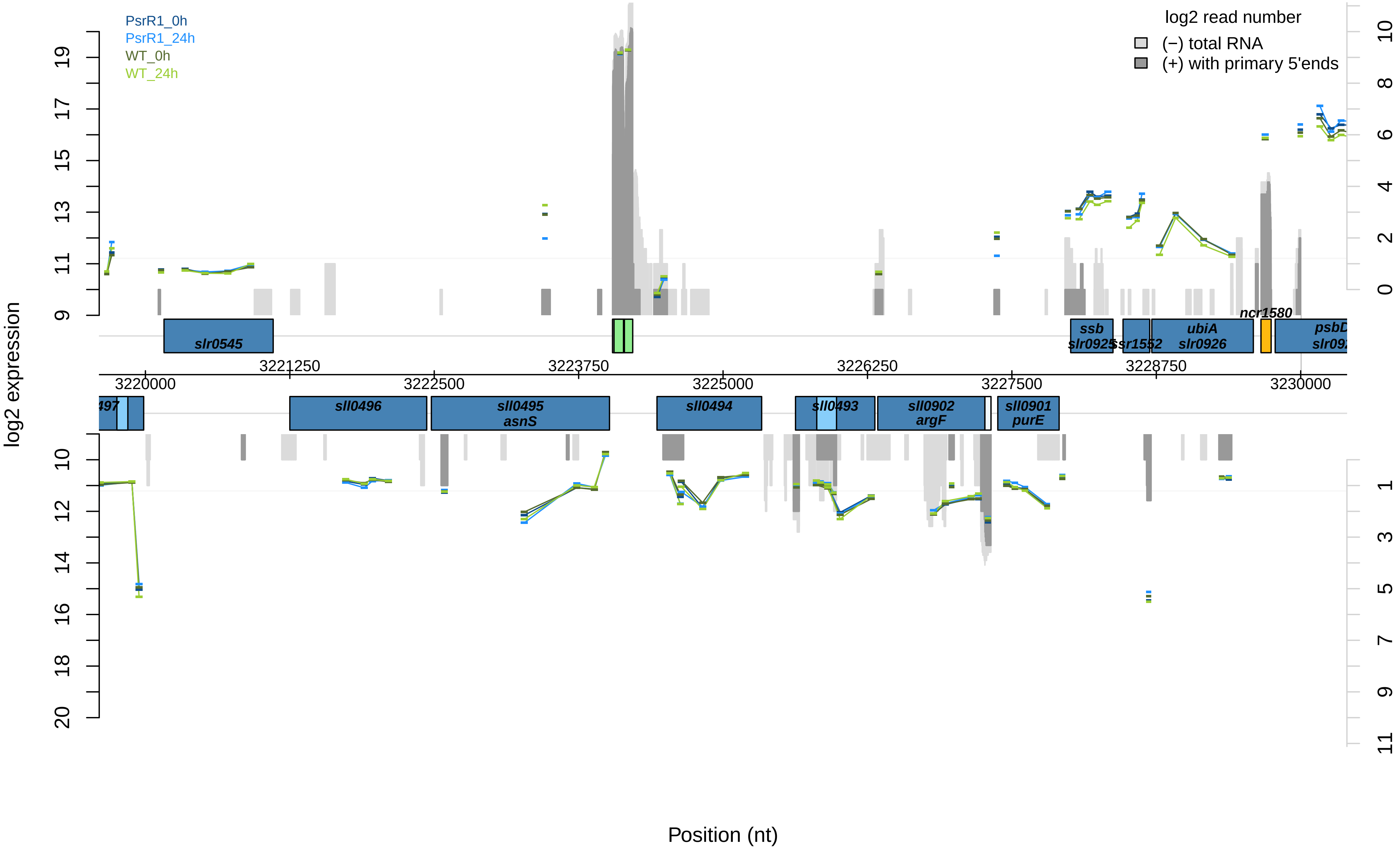
3217500
3220000
502
sll0501
sll0499
sll0498
sll0497
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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8
10
1
3
5
7
9
11
slr0545
ssb
slr0925
ssr1552
ubiA
slr0926
ncr1580
psbD
slr092
3221250
3223750
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3228750
3220000
3222500
3225000
3227500
3230000
497
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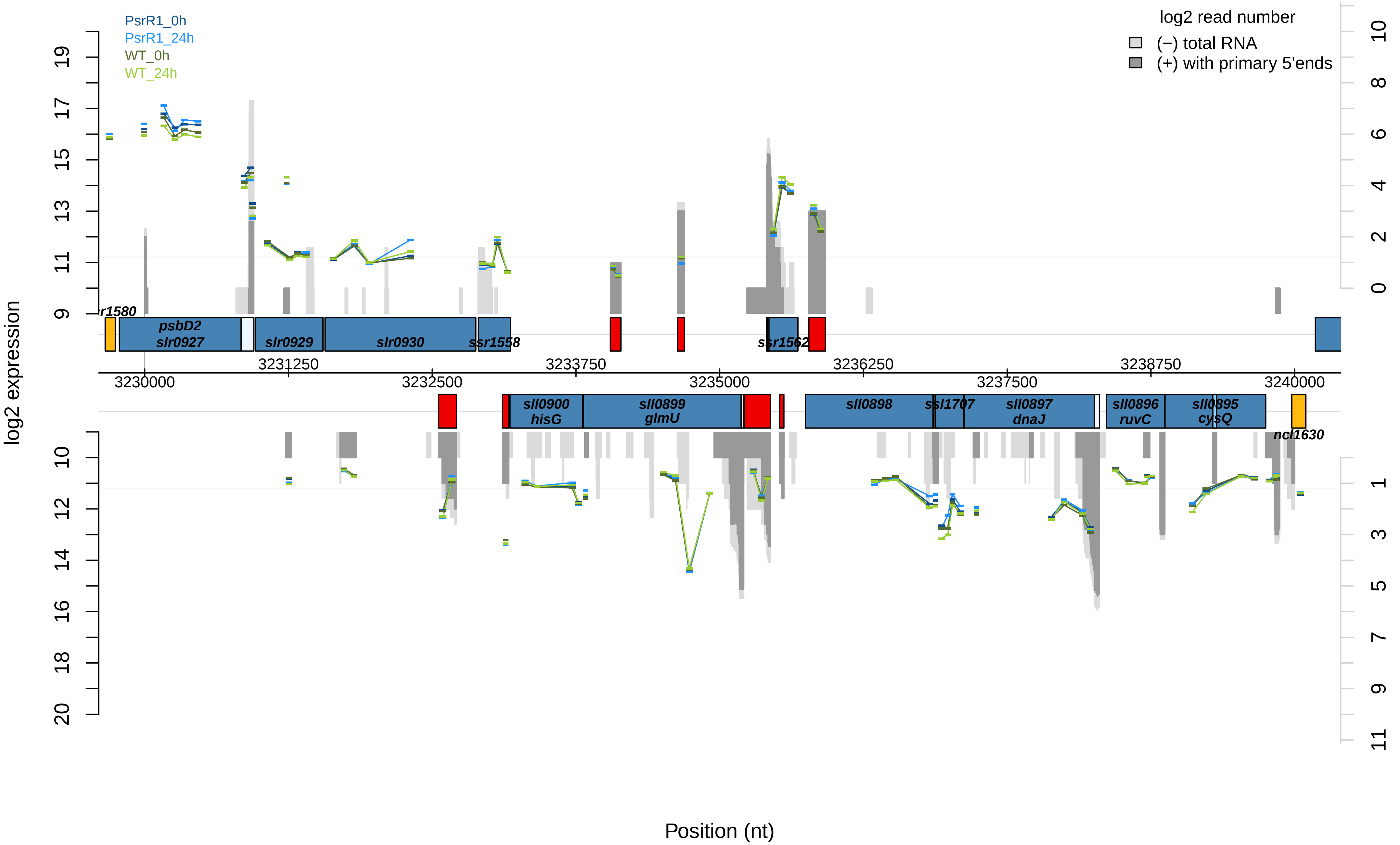
sll0495
asnS
sll0494
sll0493
sll0902
argF
sll0901
purE
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
Position (nt)
19
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4
2
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1
3
5
7
9
11
r1580
psbD2
slr0927
slr0929
slr0930
ssr1558
ssr1562
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3233750
3236250
3238750
3230000
3232500
3235000
3237500
3240000
sll0900
hisG
sll0899
glmU
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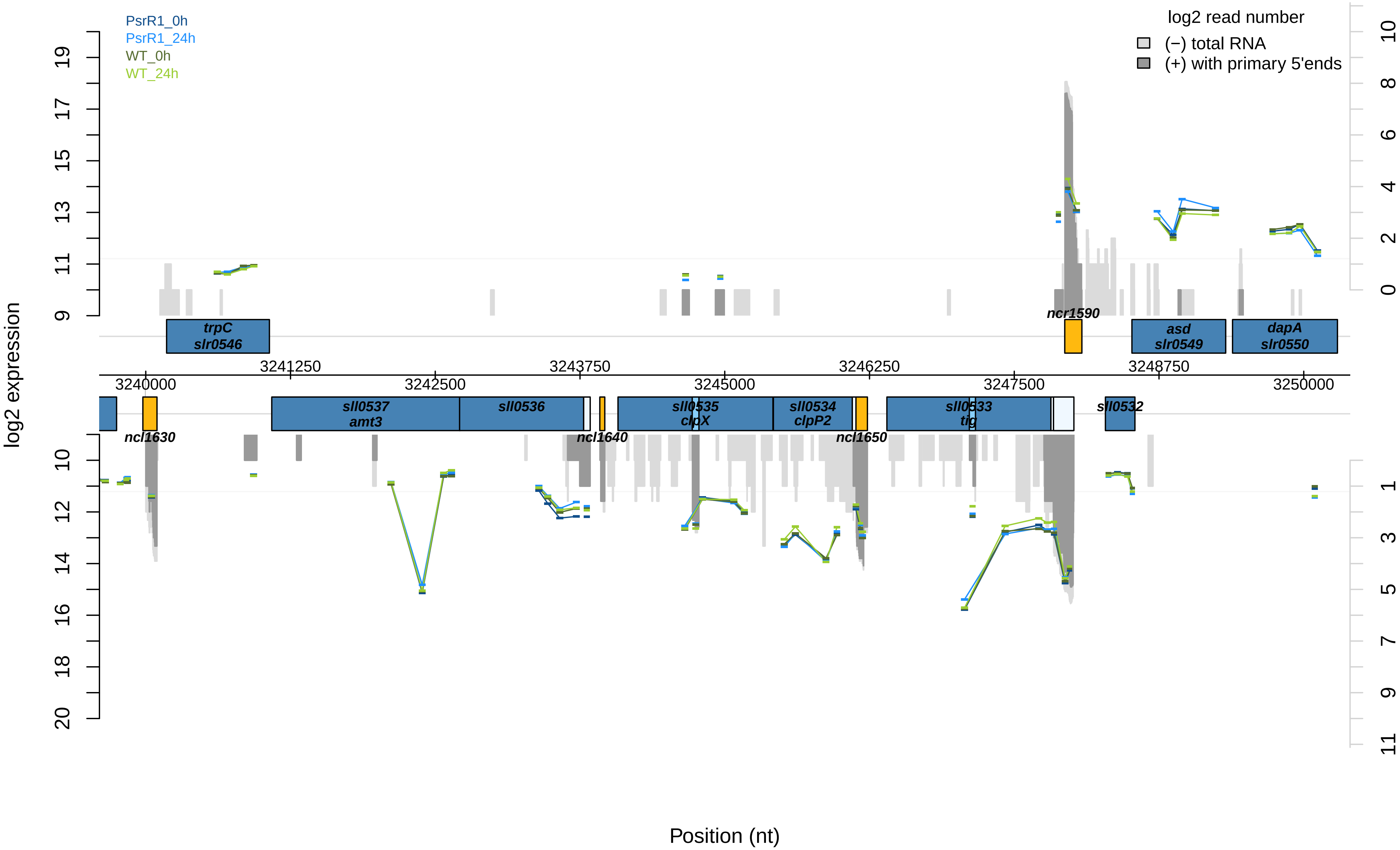
ssl1707
sll0897
dnaJ
sll0896
ruvC
sll0895
cysQ
ncl1630


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
10
8
6
4
2
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trpC
slr0546
ncr1590
asd
slr0549
dapA
slr0550
3241250
3243750
3246250
3248750
3240000
3242500
3245000
3247500
3250000
sll0537
amt3
sll0536
sll0535
clpX
sll0534
clpP2
sll0533
tig
sll0532
ncl1630
ncl1640
ncl1650
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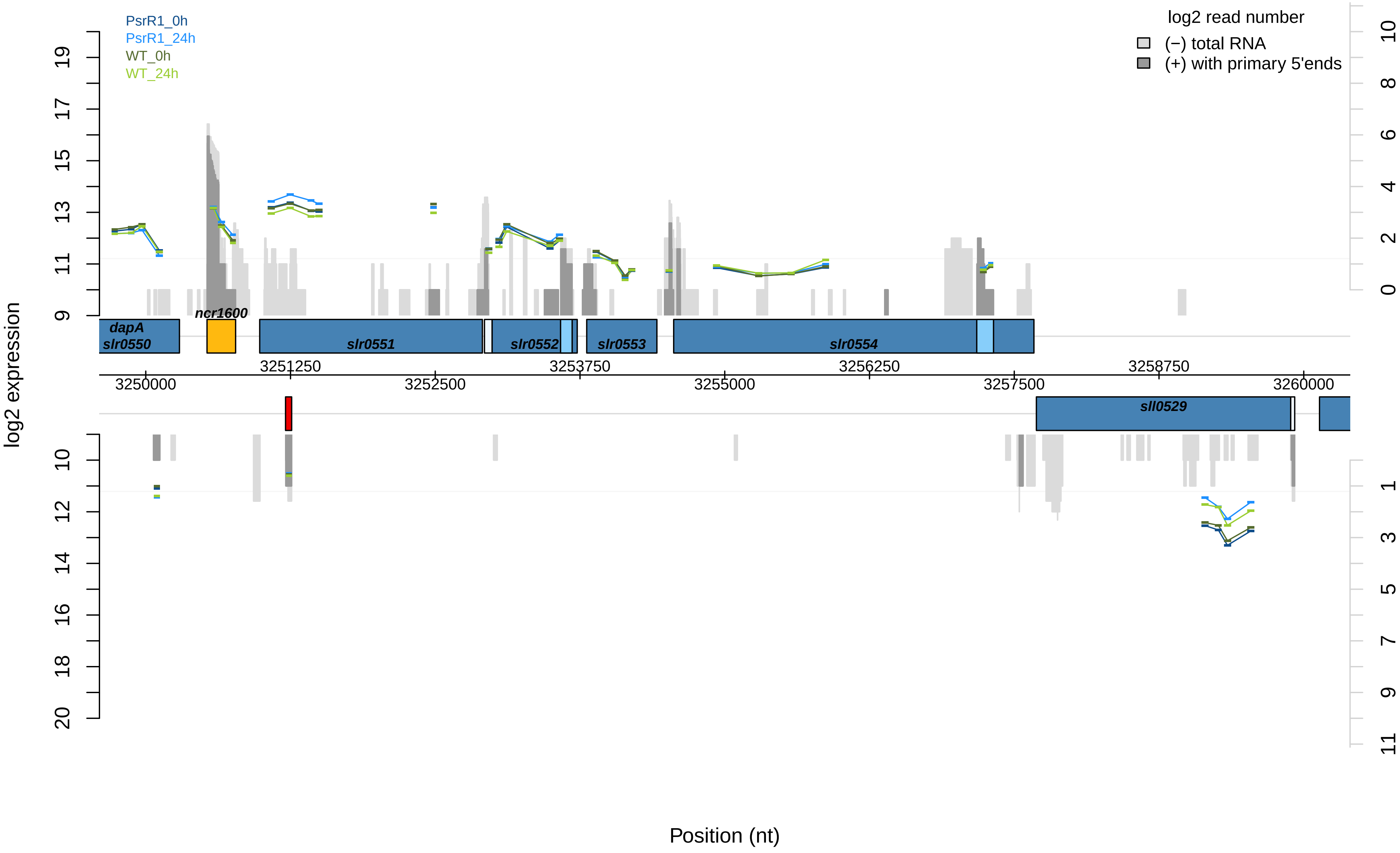
12
14
16
18
20
1
3
5
7
9
11
Position (nt)



PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
dapA
slr0550
ncr1600
slr0551
slr0552
slr0553
slr0554
sll0529
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3251250
3252500
3253750
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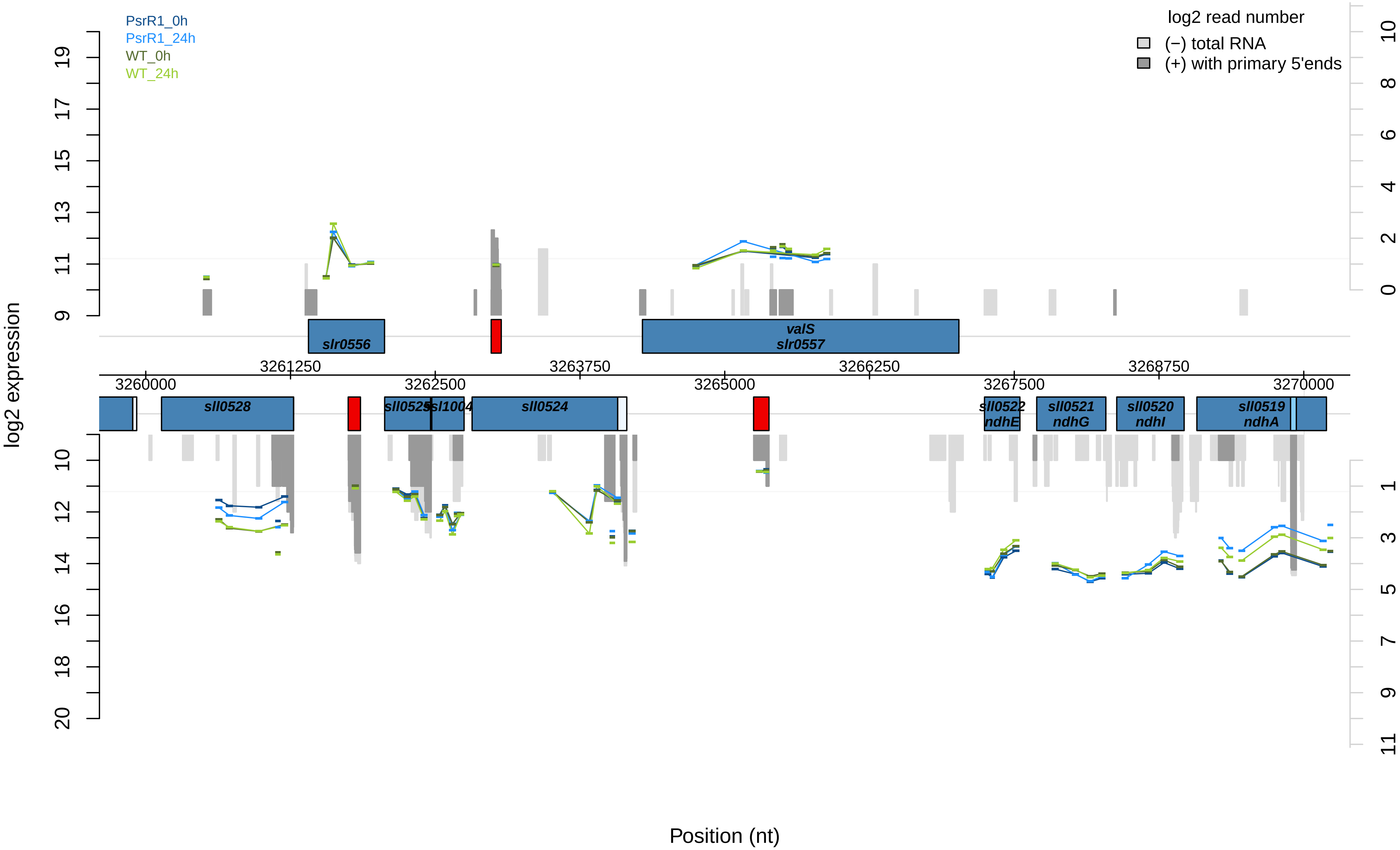
3256250
3257500
3258750
3260000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
15
13
11
9
10
8
6
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0
slr0556
valS
slr0557
3261250
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3262500
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3267500
3270000
sll0528
sll0525
sll1004
sll0524
sll0522
ndhE
sll0521
ndhG
sll0520
ndhI
sll0519
ndhA
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16
18
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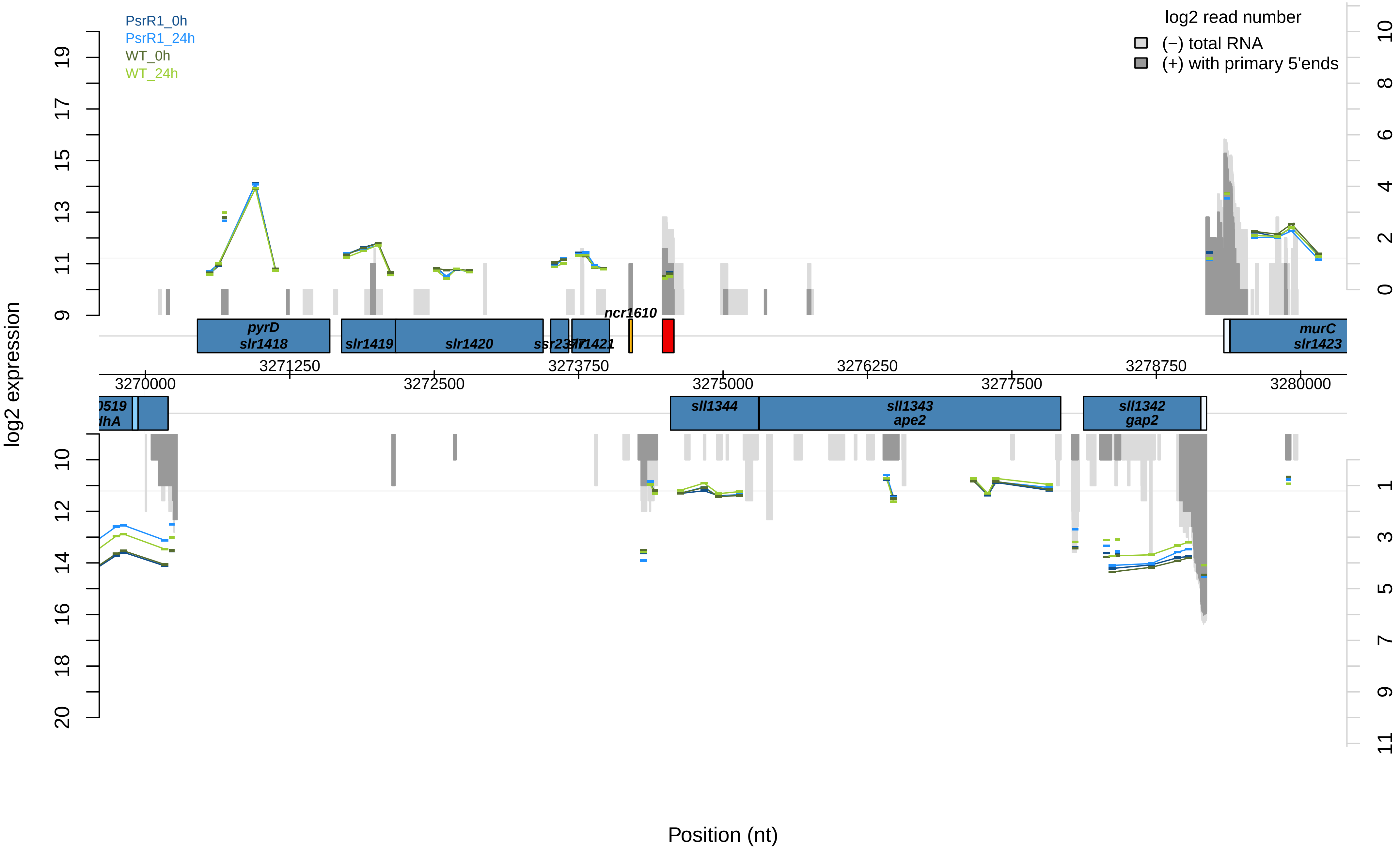
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
pyrD
slr1418
slr1419
slr1420
ssr2347
slr1421
ncr1610
murC
slr1423
3271250
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3273750
3275000
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3280000
3270000
0519
dhA
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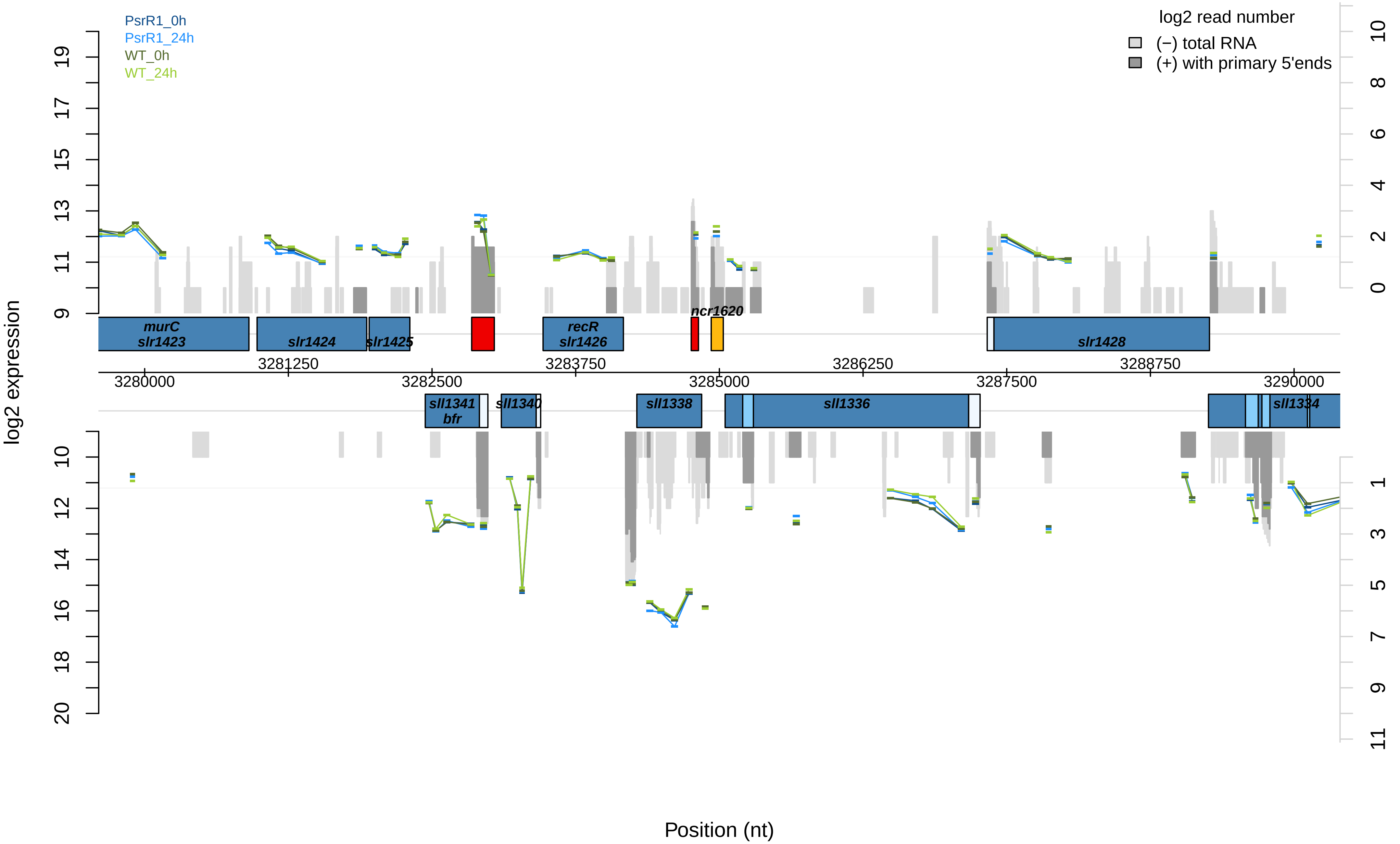
sll1343
ape2
sll1342
gap2
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
murC
slr1423
slr1424
slr1425
recR
slr1426
ncr1620
slr1428
sll1341
bfr
sll1340
sll1338
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3283750
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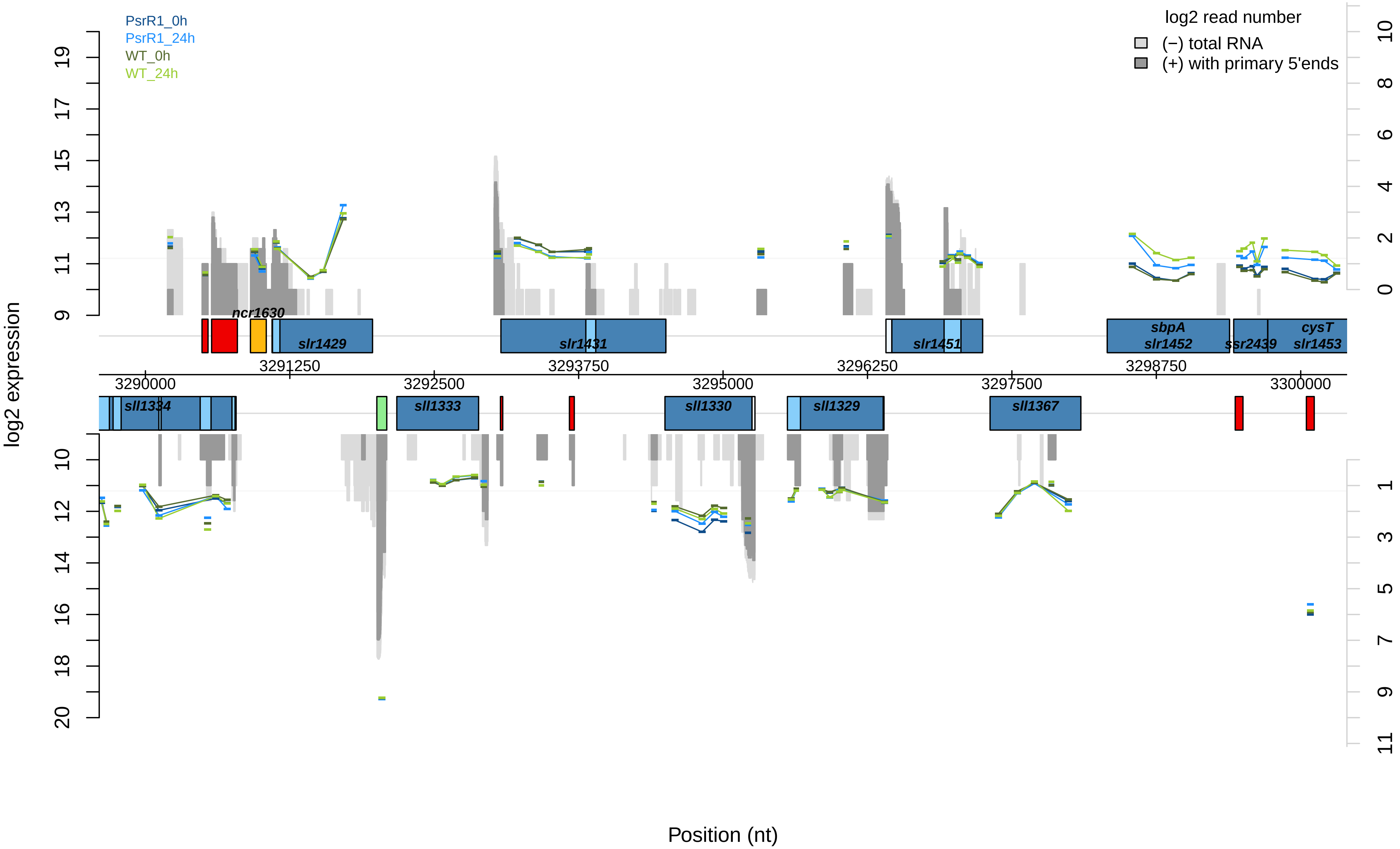
3290000
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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17
15
13
11
9
10
12
14
16
18
20
10
8
6
4
2
0
1
3
5
7
9
11
ncr1630
slr1429
slr1431
slr1451
sbpA
slr1452
ssr2439
cysT
slr1453
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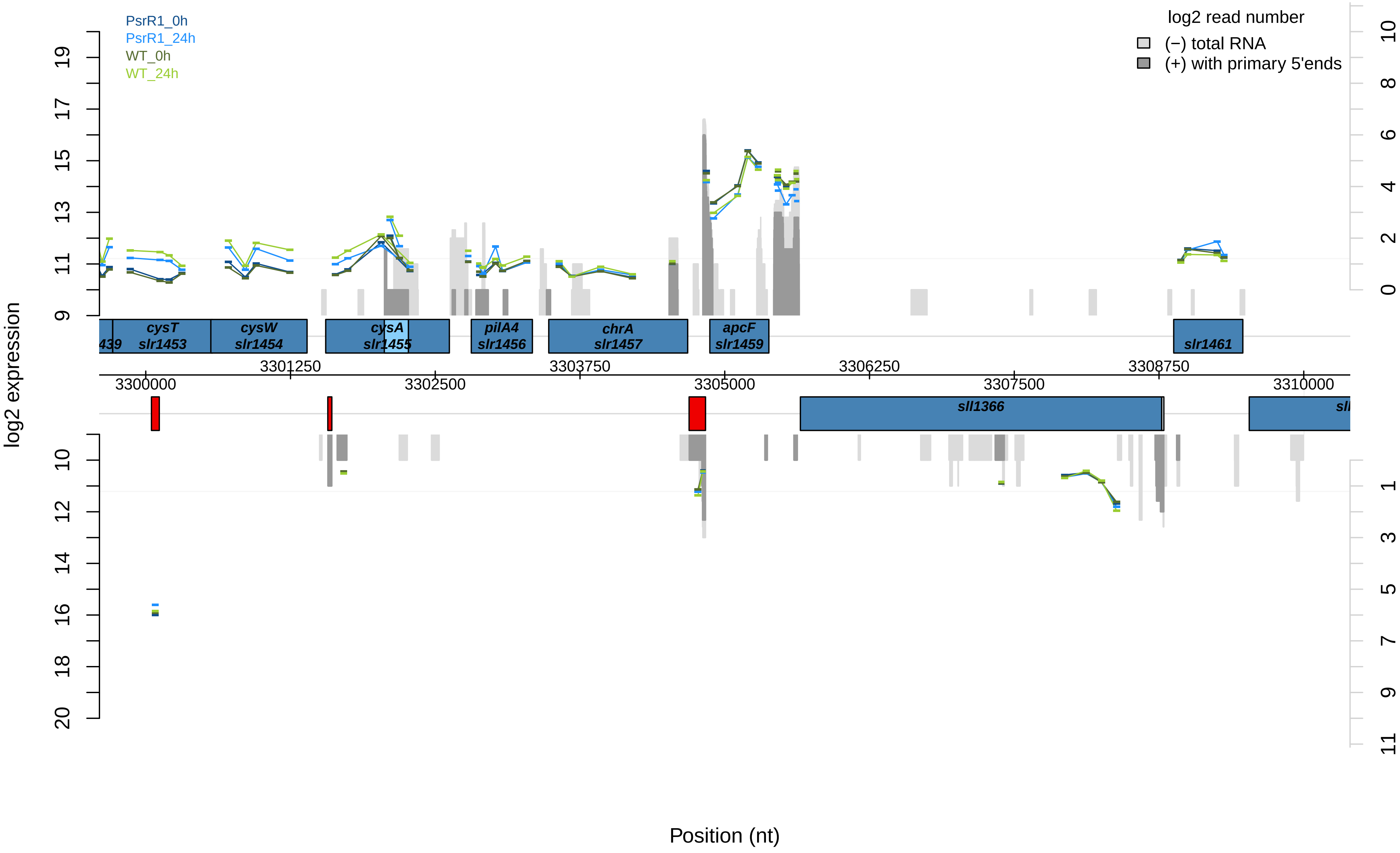
sll1333
sll1330
sll1329
sll1367
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
▢ (−) total RNA
■ (+) with primary 5'ends
log2 expression
9
11
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17
19
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18
20
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6
8
10
1
3
5
7
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11
439
cysT
slr1453
cysW
slr1454
cysA
slr1455
pilA4
slr1456
chrA
slr1457
apcF
slr1459
slr1461
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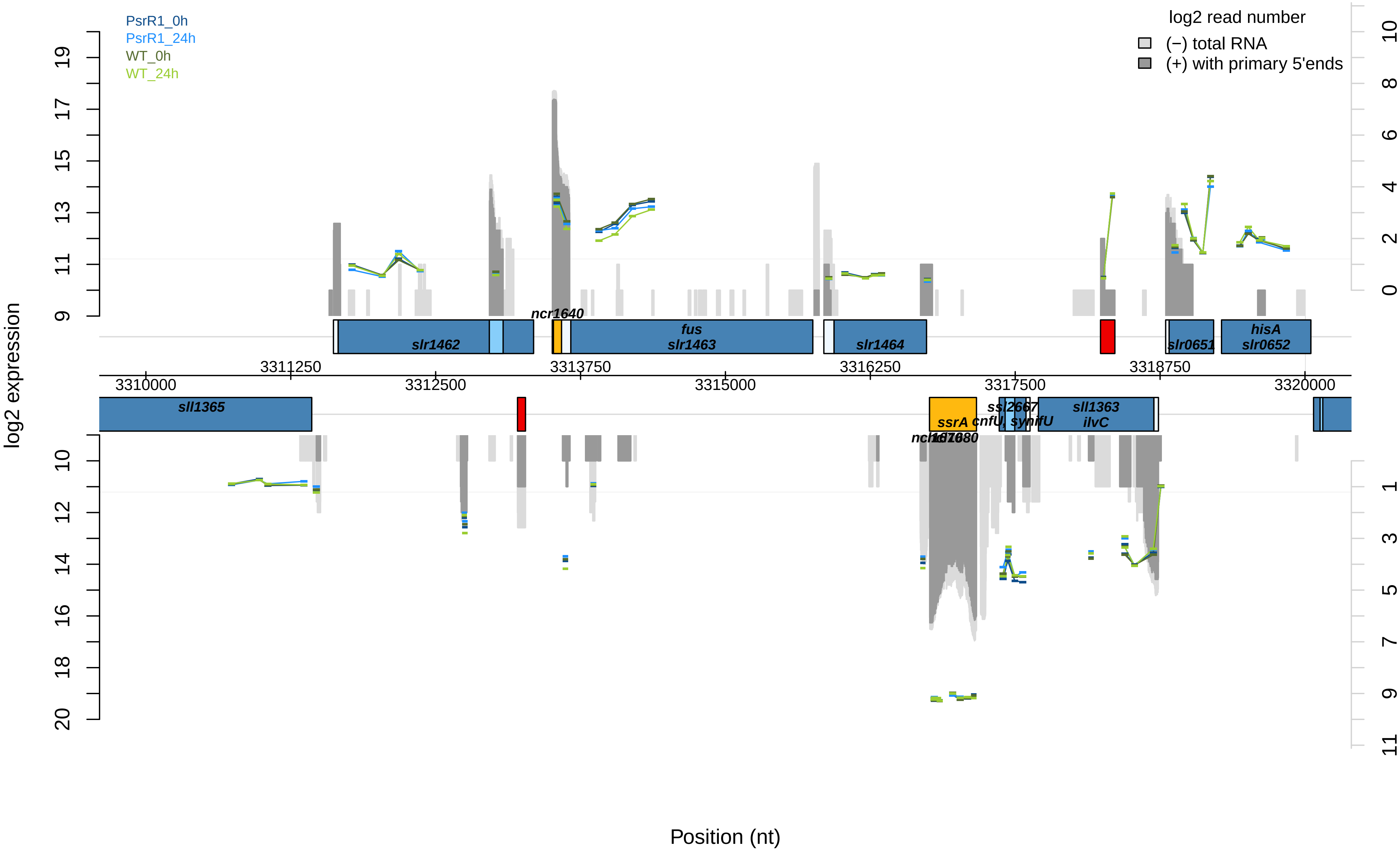
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
10
12
14
16
18
20
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6
8
10
1
3
5
7
9
11
ncr1640
slr1462
fus
slr1463
slr1464
slr0651
hisA
slr0652
3311250
3313750
3316250
3317500
3318750
3310000
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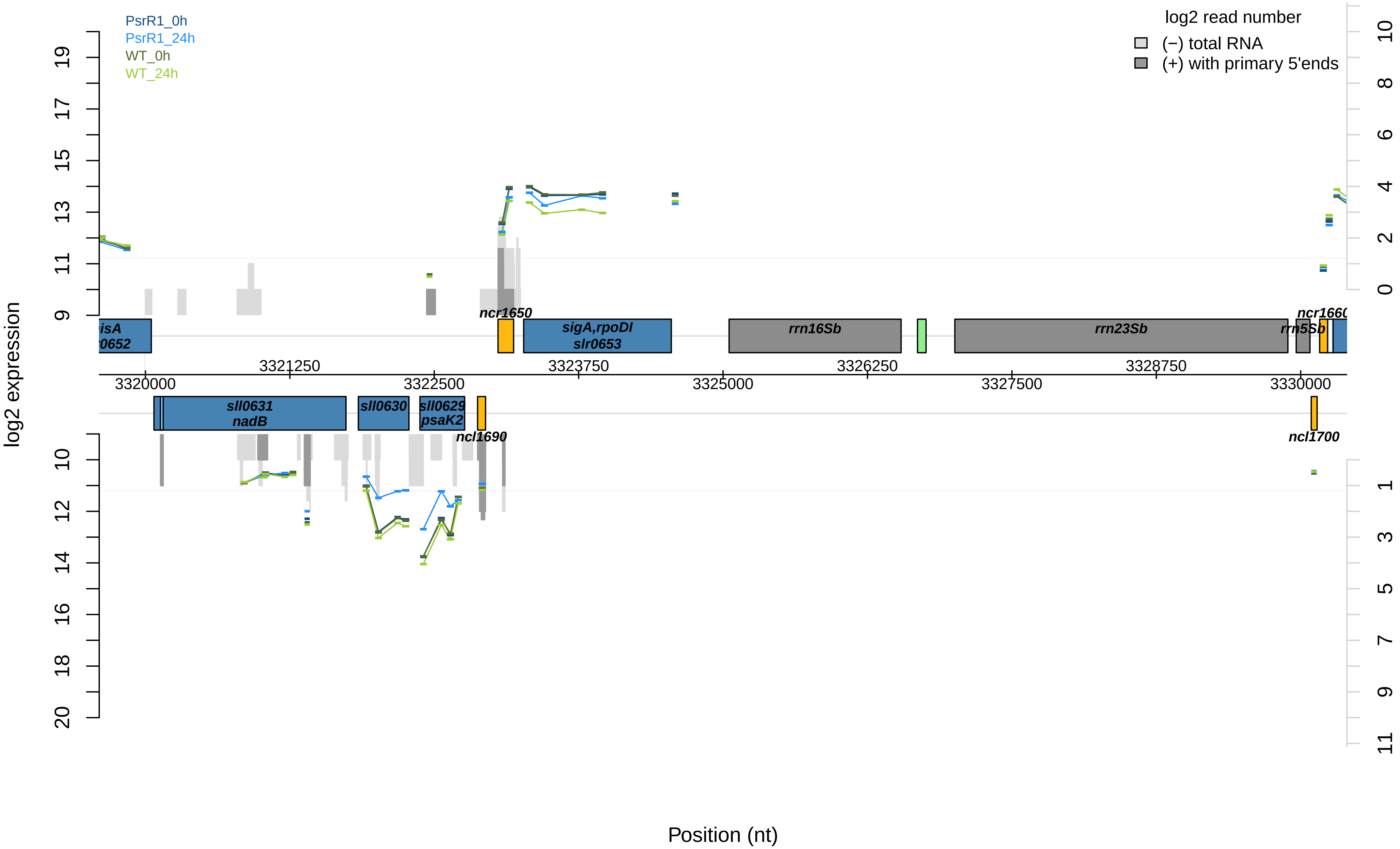
sll1365
ssrA
cnfU, synifU
ssl2667
sll1363
ilvC
ncl1680
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
9
11
13
15
17
19
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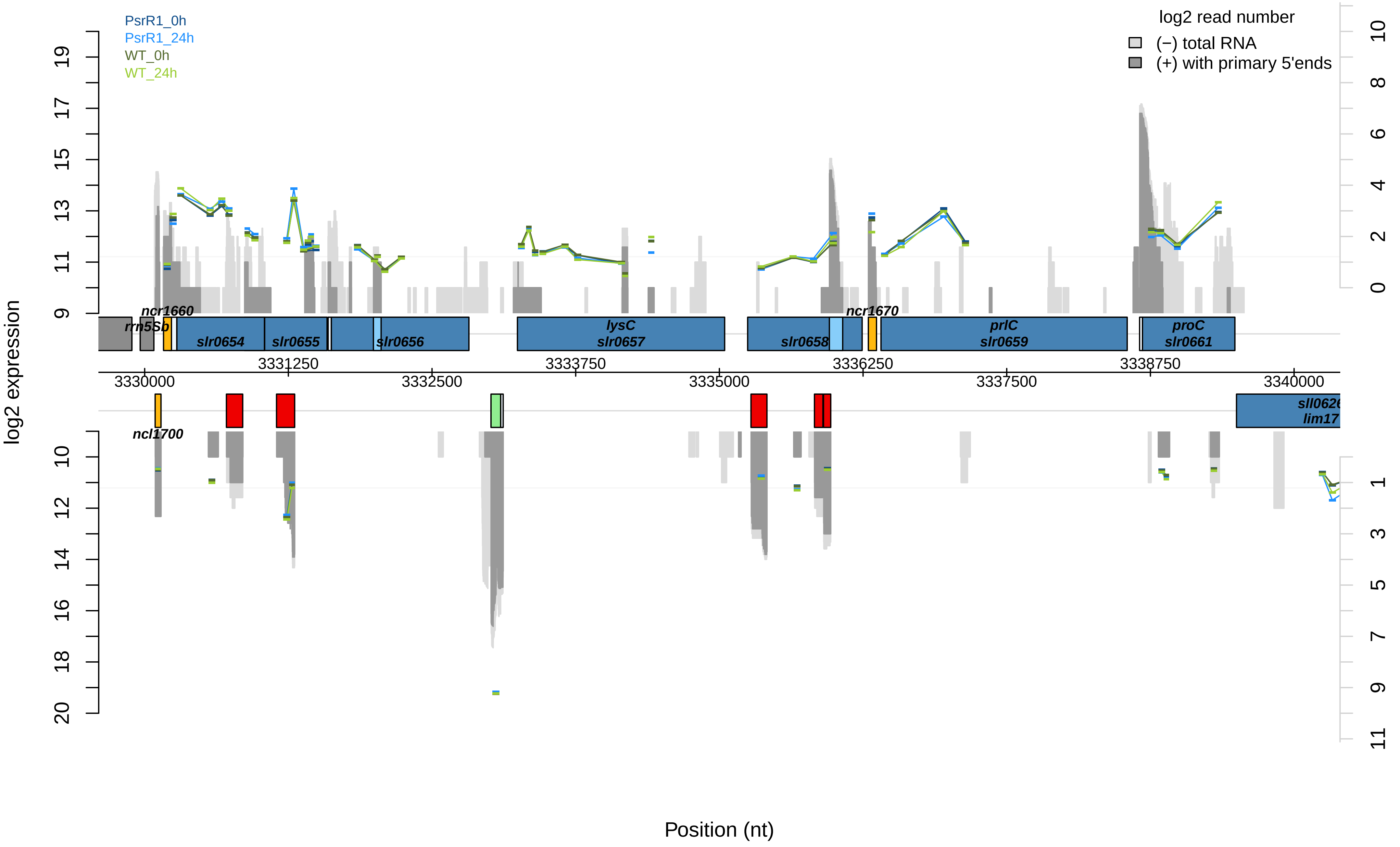
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
3320000
3321250
3322500
3323750
3325000
3326250
3327500
3328750
3330000
isA
0652
ncr1650
sigA,rpoDI
slr0653
rrn16Sb
rrn23Sb
rrn5Sb
ncr1660
sll0631
nadB
sll0630
sll0629
psaK2
ncl1690
ncl1700


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
9
11
13
15
17
19
10
12
14
16
18
20
0
2
4
6
8
10
1
3
5
7
9
11
ncr1660
rrn5Sb
slr0654
slr0655
slr0656
lysC
slr0657
slr0658
ncr1670
prlC
slr0659
proC
slr0661
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3336250
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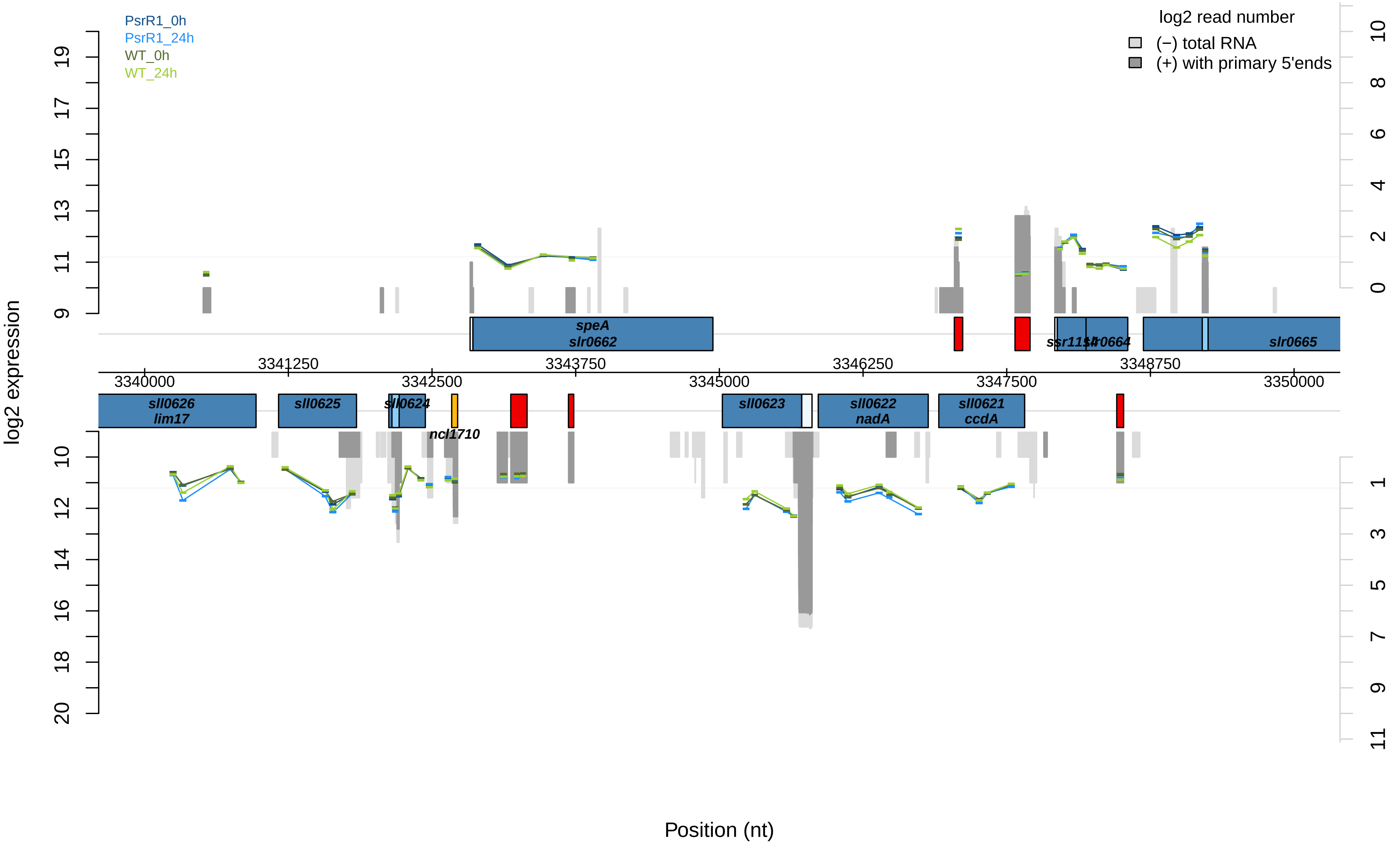
3340000
ncl1700
sll0626
lim17
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
19
17
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11
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10
8
6
4
2
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speA
slr0662
ssr1154
slr0664
slr0665
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3348750
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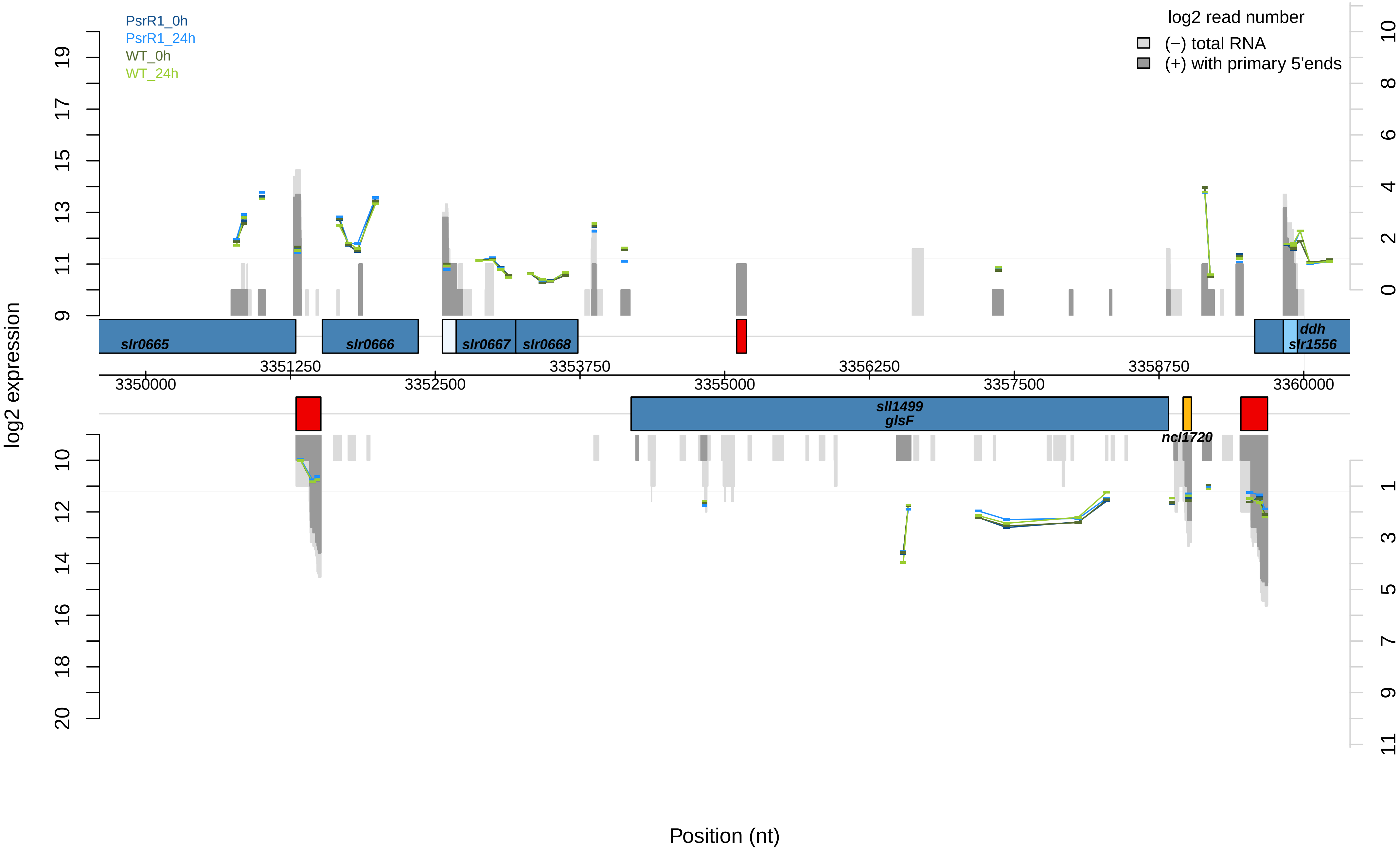
3340000
sll0626
lim17
sll0625
sll0624
ncl1710
sll0623
sll0622
nadA
sll0621
ccdA
10
12
14
16
18
20
1
3
5
7
9
11
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
13
15
17
19
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12
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16
18
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4
6
8
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1
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5
7
9
11
slr0665
slr0666
slr0667
slr0668
ddh
slr1556
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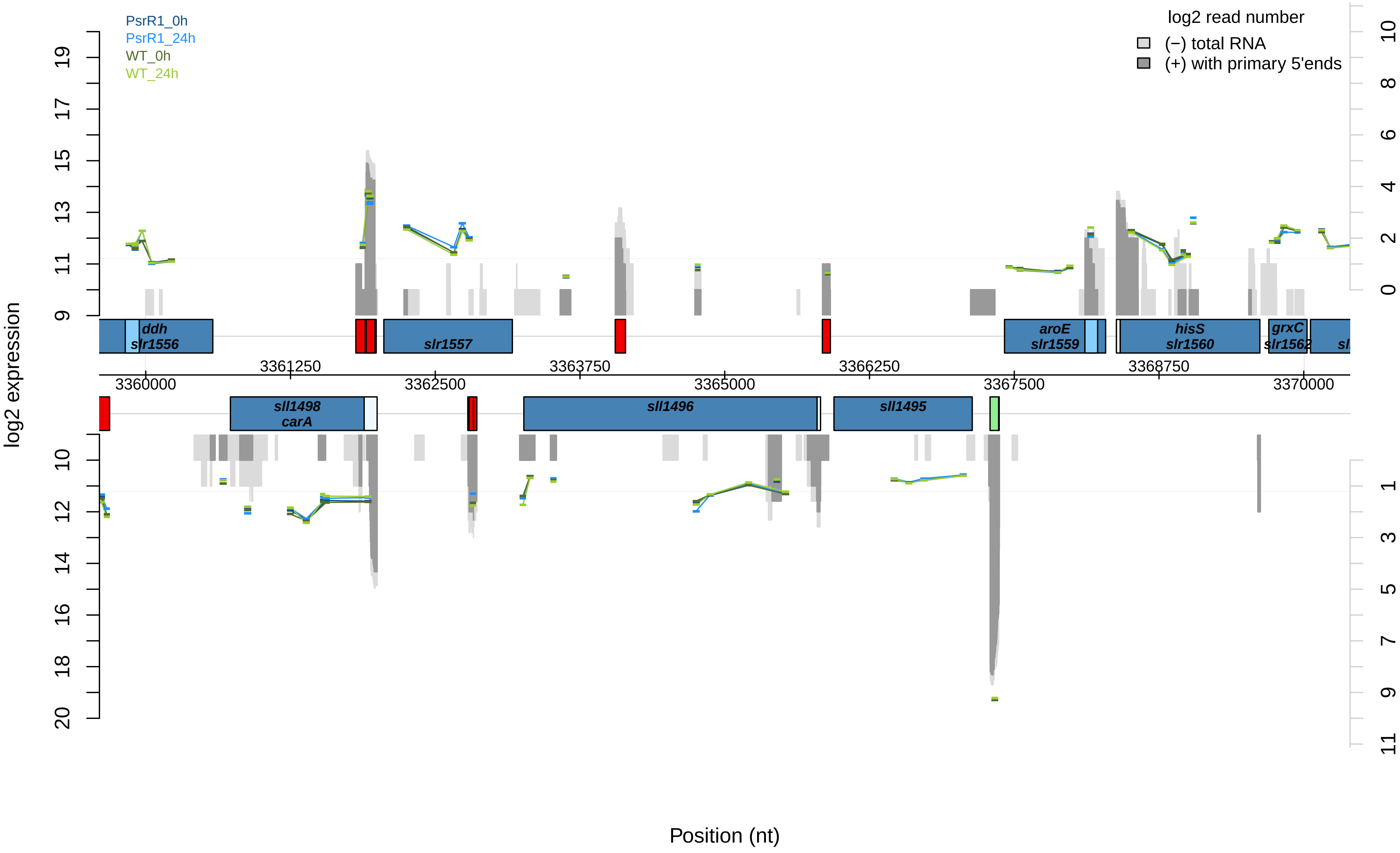
glsF
ncl1720
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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13
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17
19
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2
4
6
8
10
ddh
slr1556
slr1557
aroE
slr1559
hisS
slr1560
grxC
slr1562
sl
3361250
3363750
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3368750
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3365000
3367500
3370000
sll1498
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1
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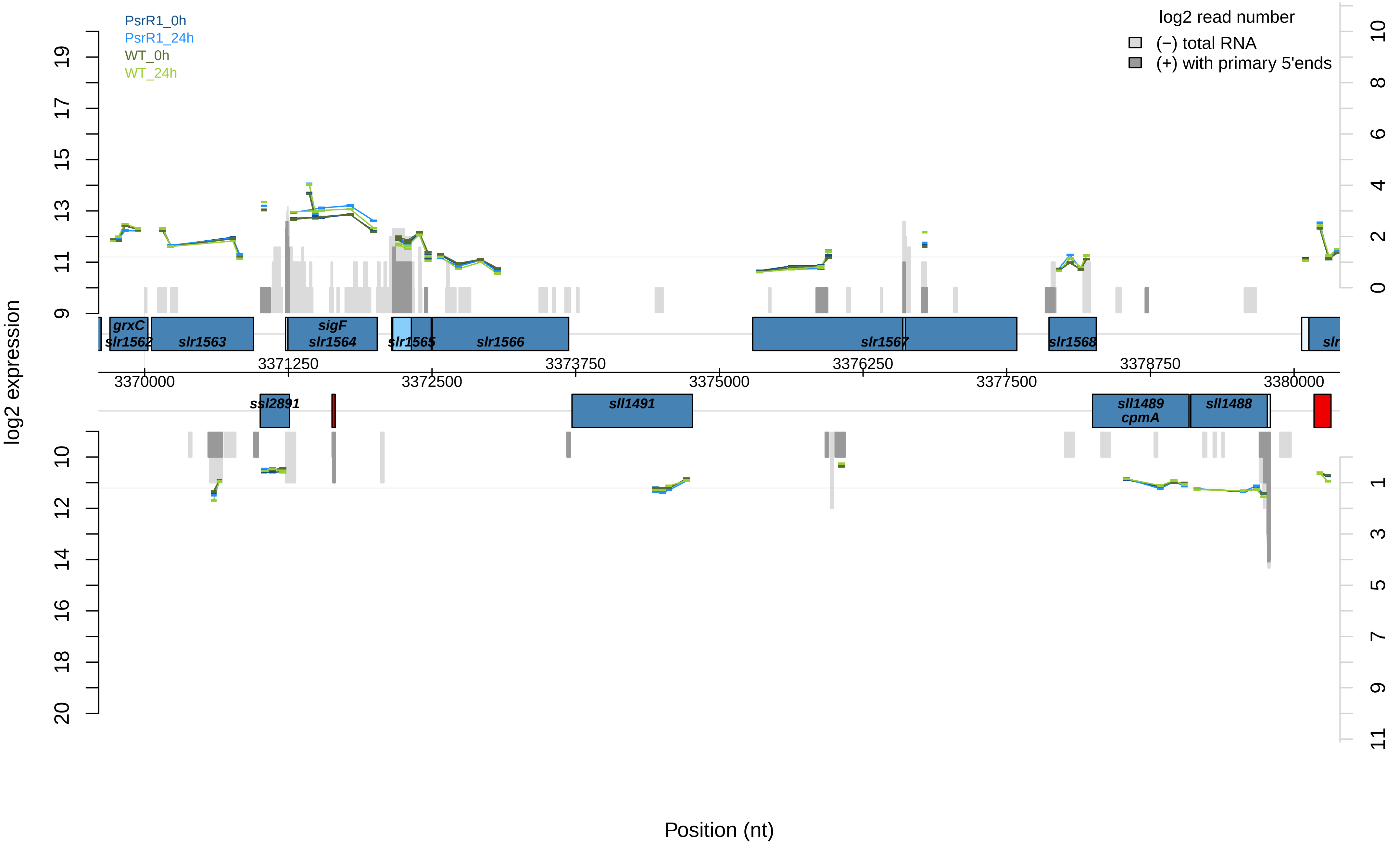
9
11
Position (nt)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WT_0h
WT_24h
log2 read number
☐ (−) total RNA
■ (+) with primary 5'ends
log2 expression
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17
15
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9
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1
3
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7
9
11
grxC
slr1562
slr1563
sigF
slr1564
slr1565
slr1566
slr1567
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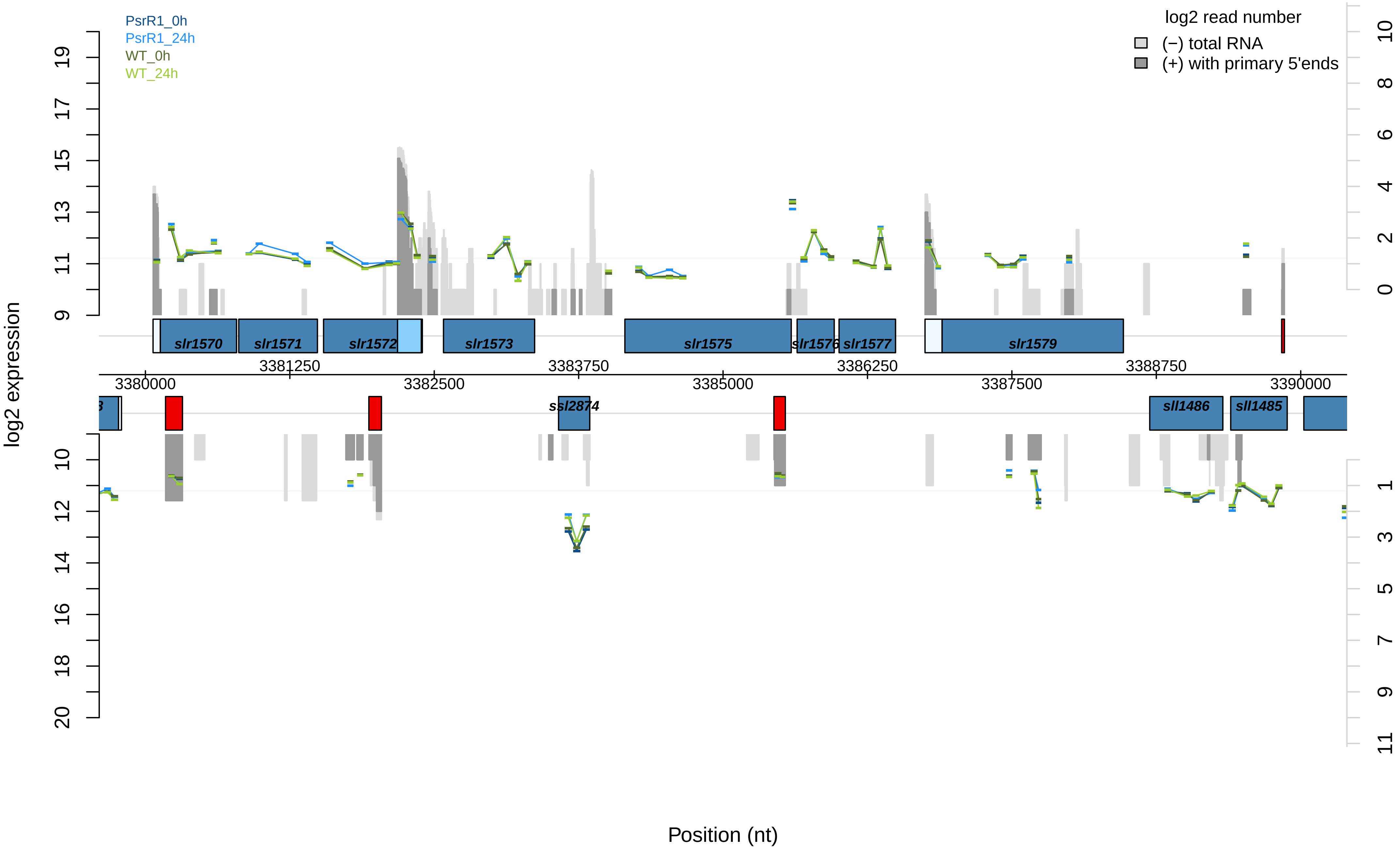
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
slr1570
slr1571
slr1572
slr1573
slr1575
slr1576
slr1577
slr1579
ssl2874
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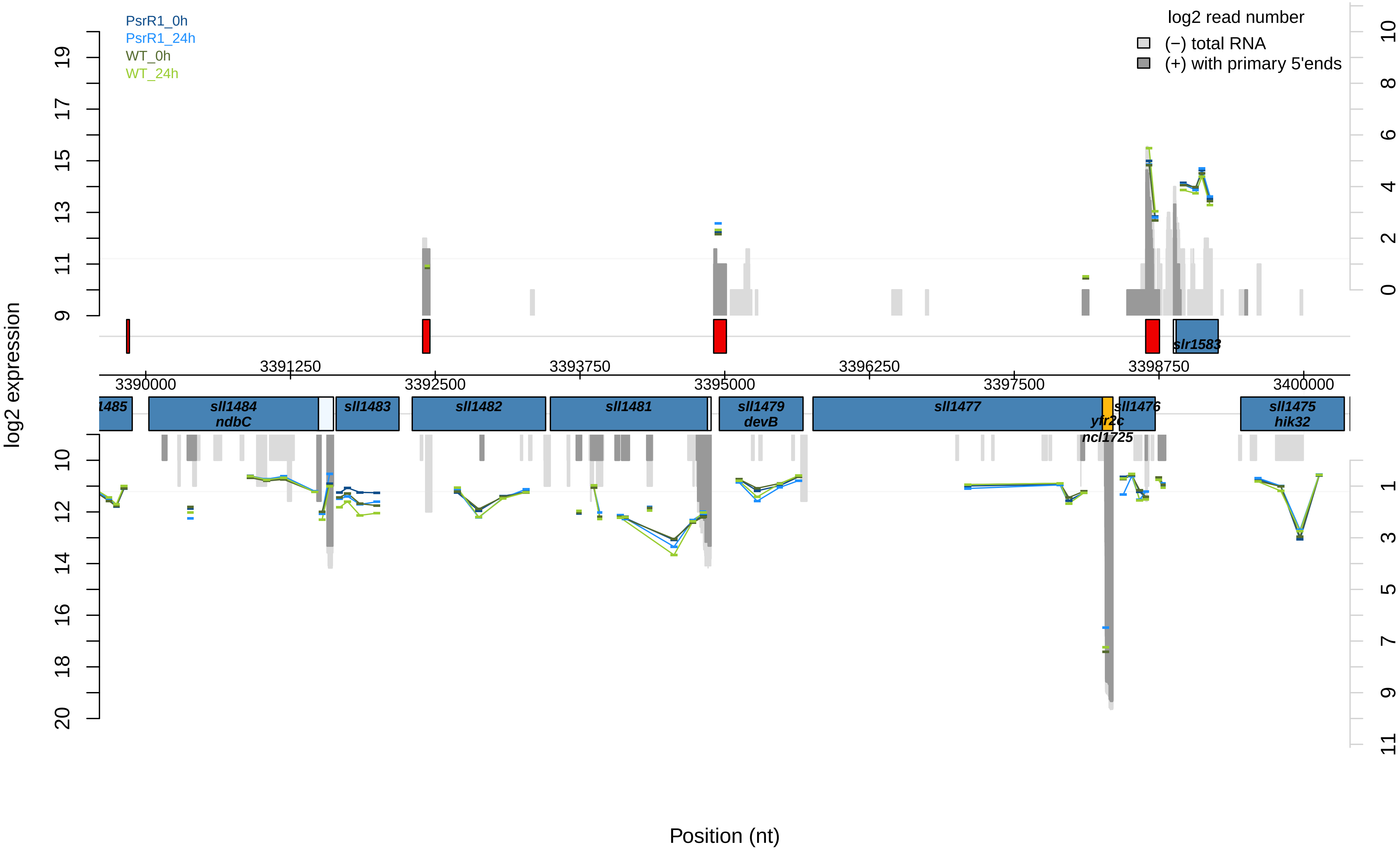
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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3397500
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1485
sll1484
ndbC
sll1483
sll1482
sll1481
sll1479
devB
sll1477
yfr2c
ncl1725
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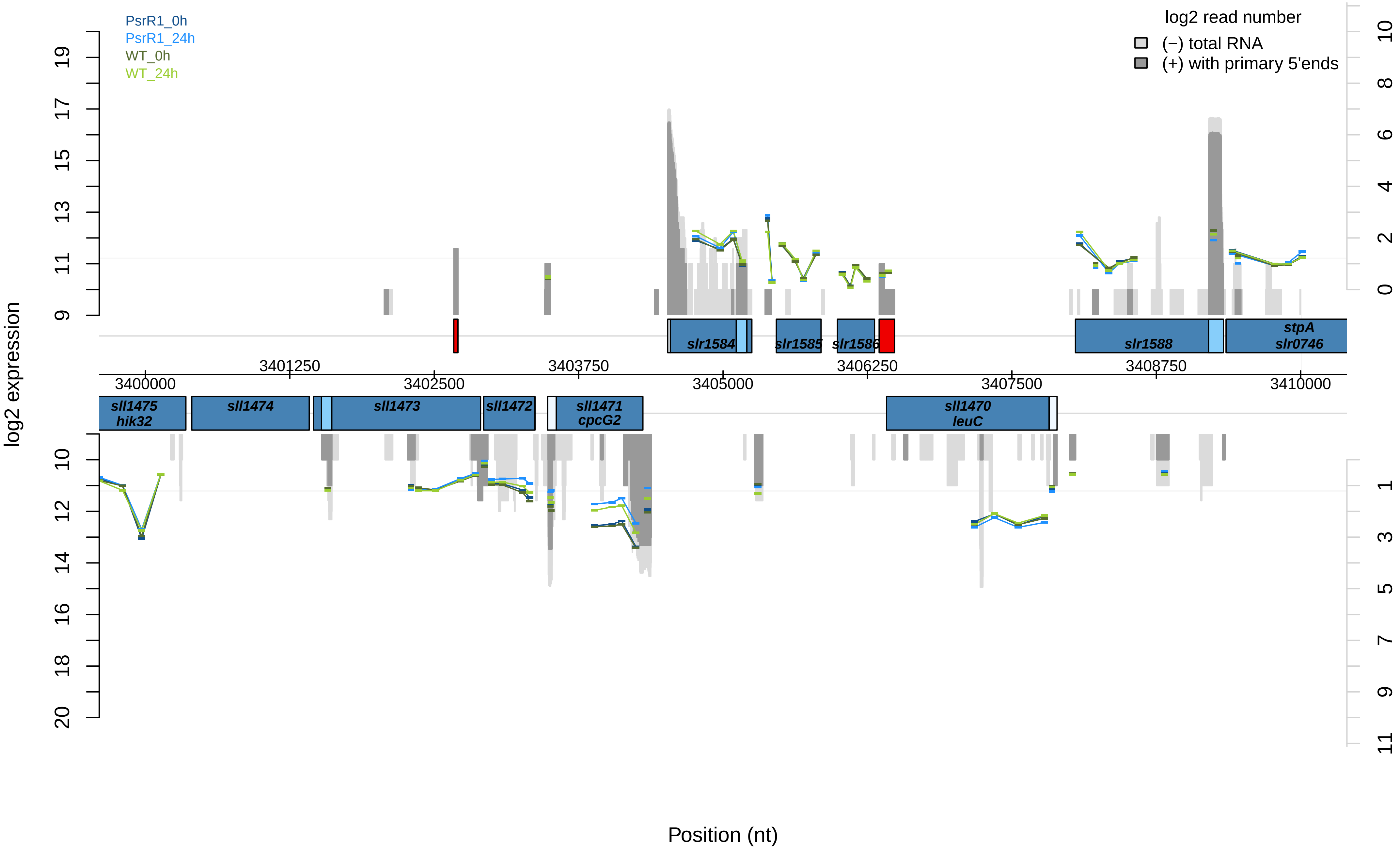
11
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
slr1584
slr1585
slr1586
slr1588
stpA
slr0746
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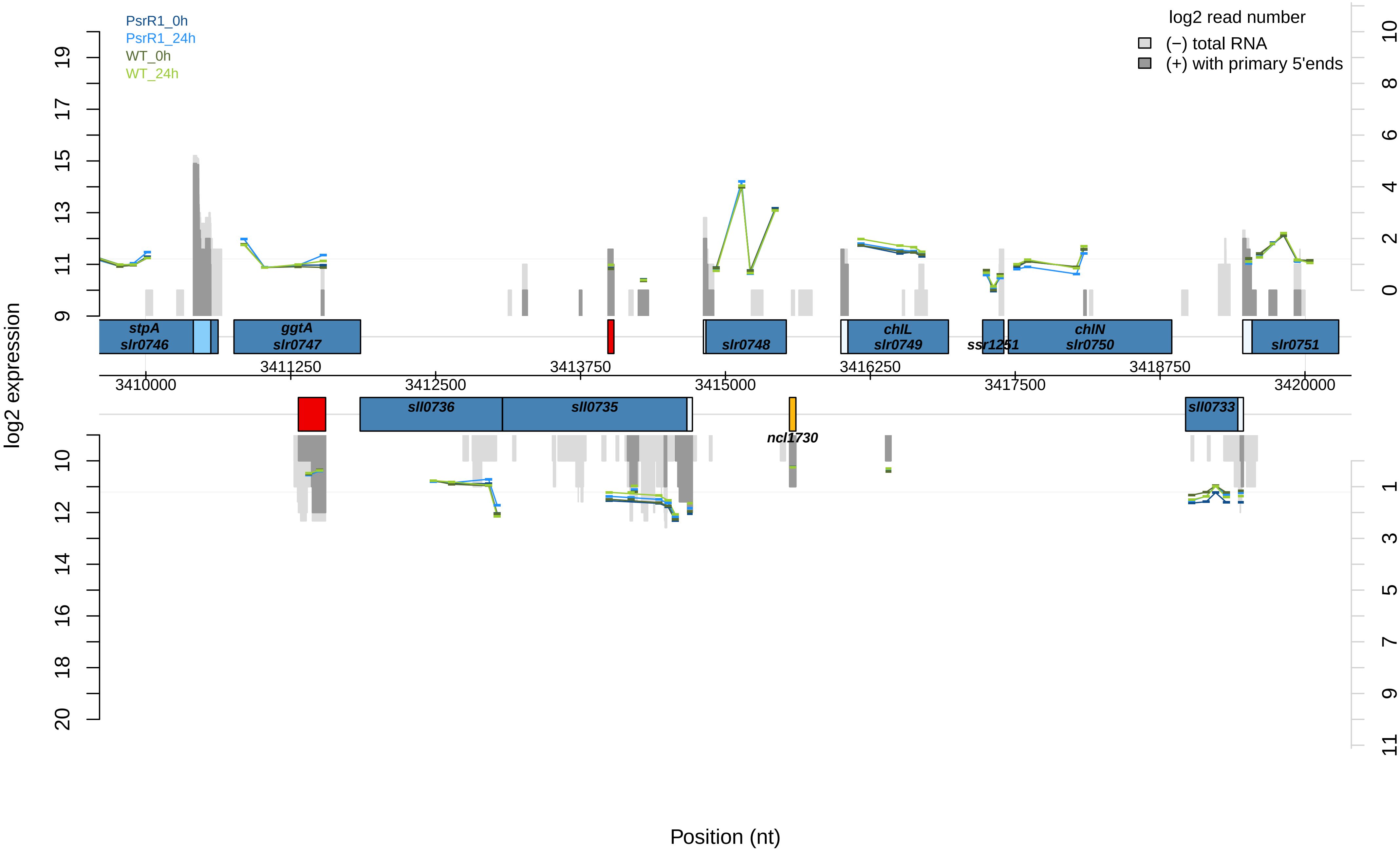
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
Position (nt)
stpA
slr0746
ggtA
slr0747
slr0748
chlL
slr0749
ssr1251
chlN
slr0750
slr0751
sll0736
sll0735
ncl1730
sll0733
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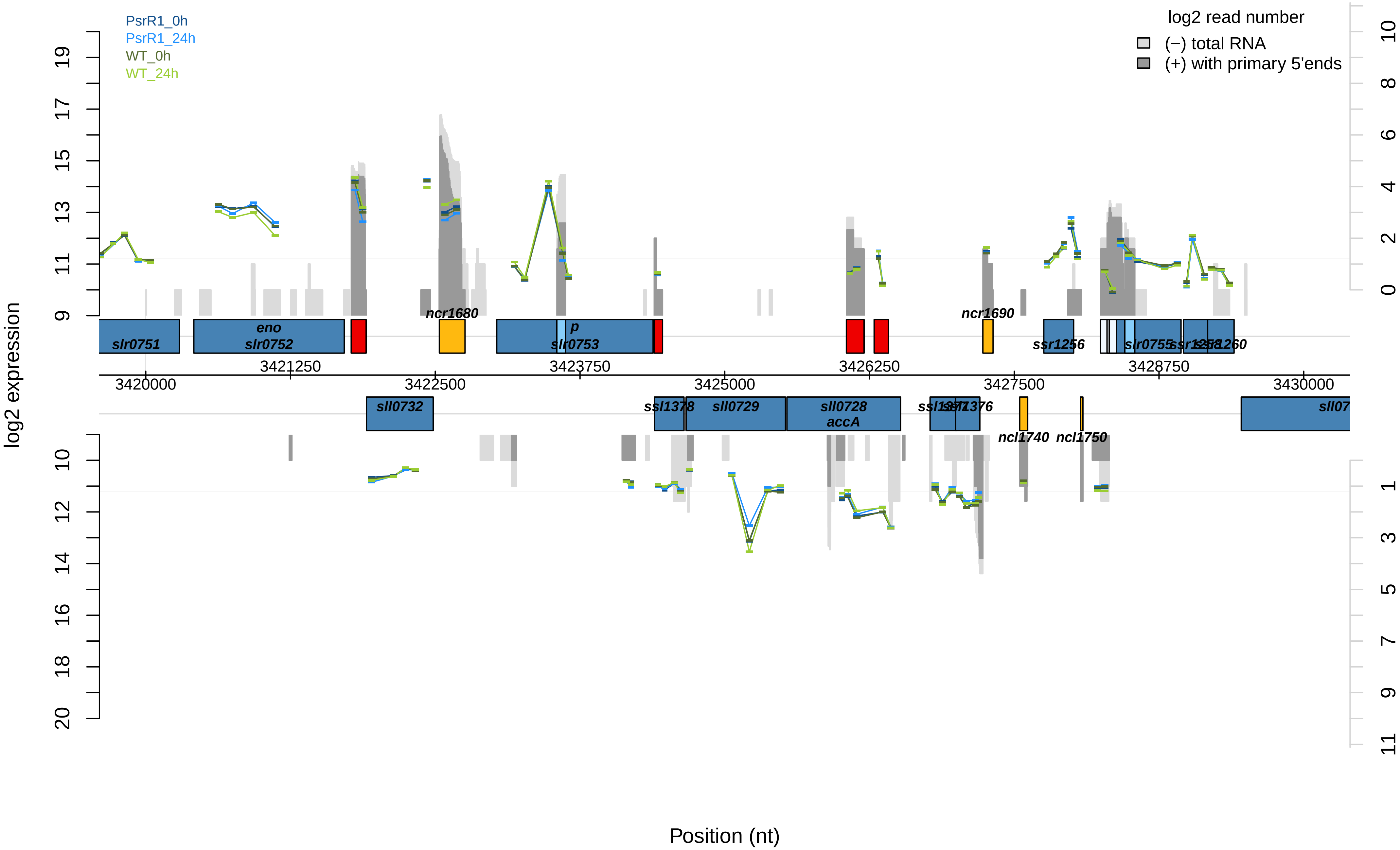
PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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11
slr0751
eno
slr0752
ncr1680
p
slr0753
ncr1690
ssr1256
slr0755
ssr1258
slr1260
sll0732
ssl1378
sll0729
sll0728
accA
ssl1377
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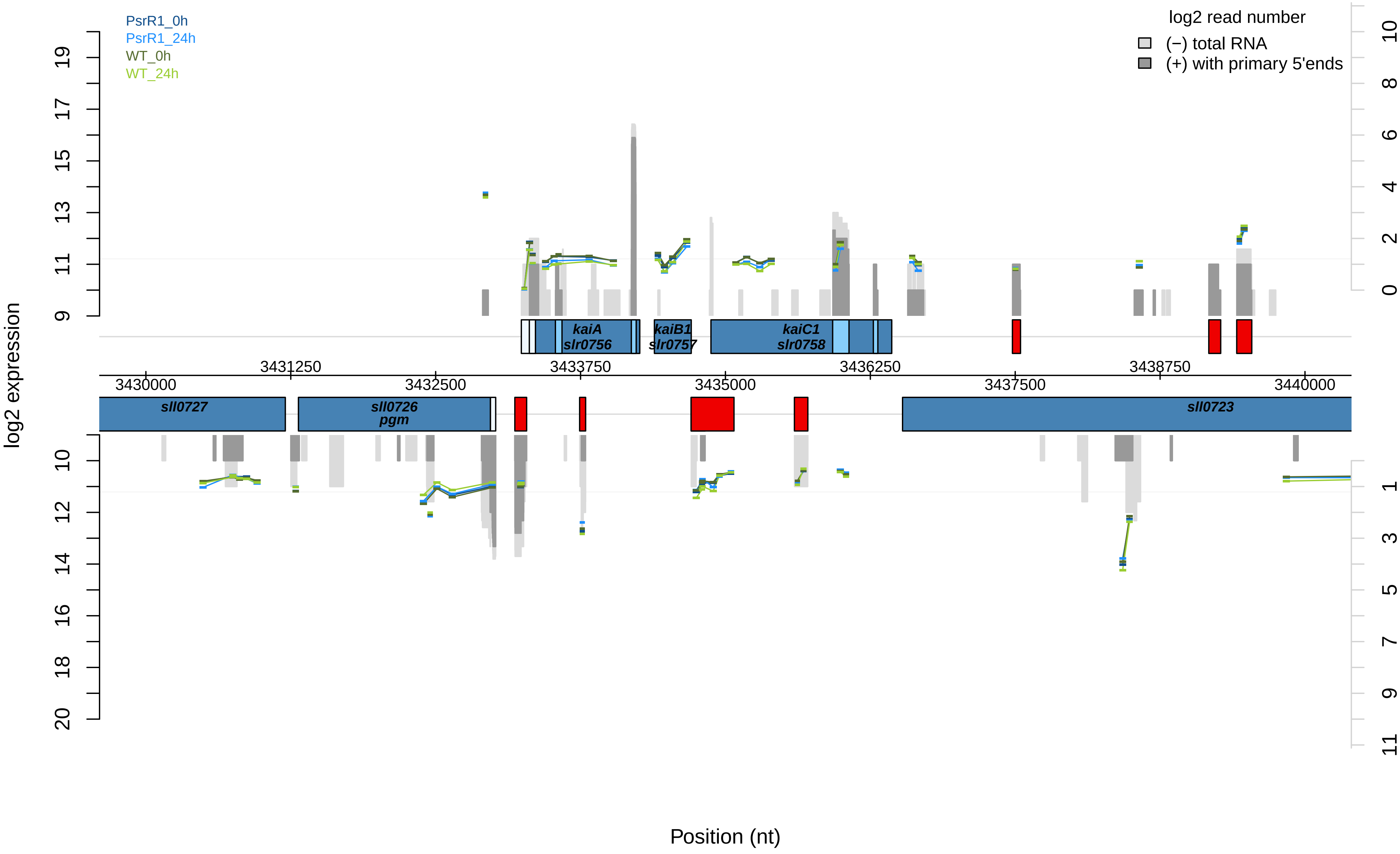
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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11
kaiA
slr0756
kaiB1
slr0757
kaiC1
slr0758
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pgm
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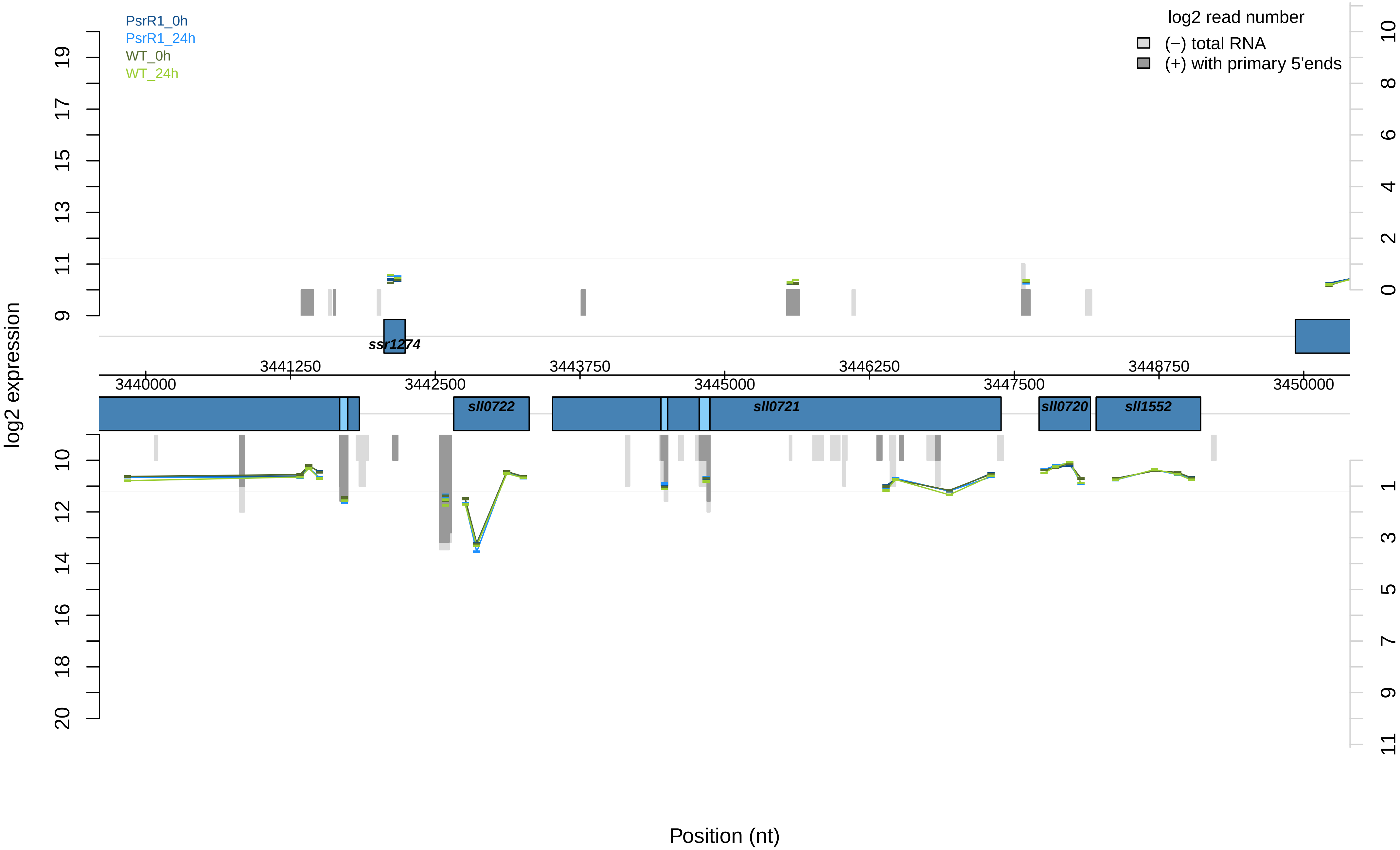
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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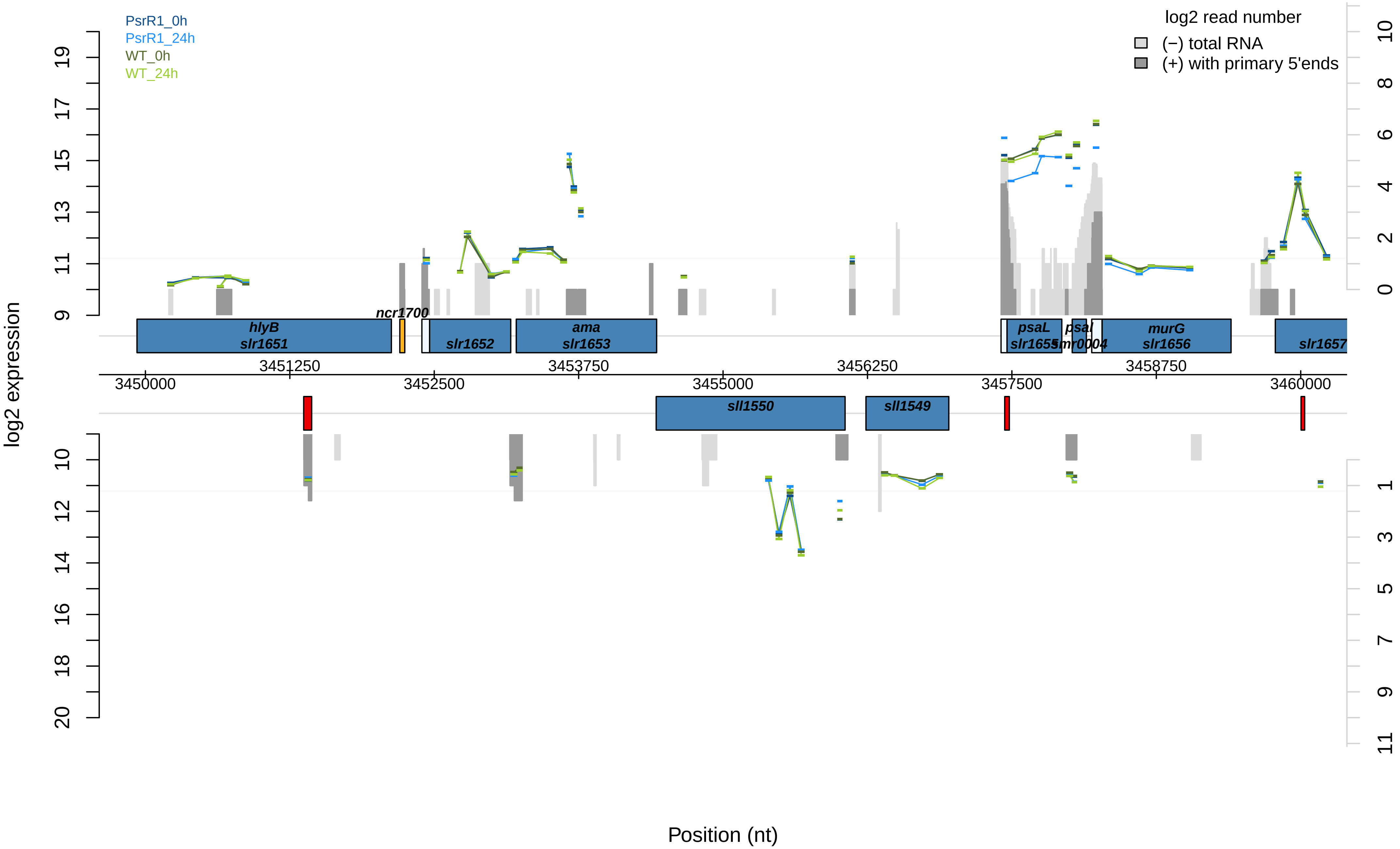
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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9
11
hlyB
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ncr1700
slr1652
ama
slr1653
psaL
slr1655
psaI
smr0004
murG
slr1656
slr1657
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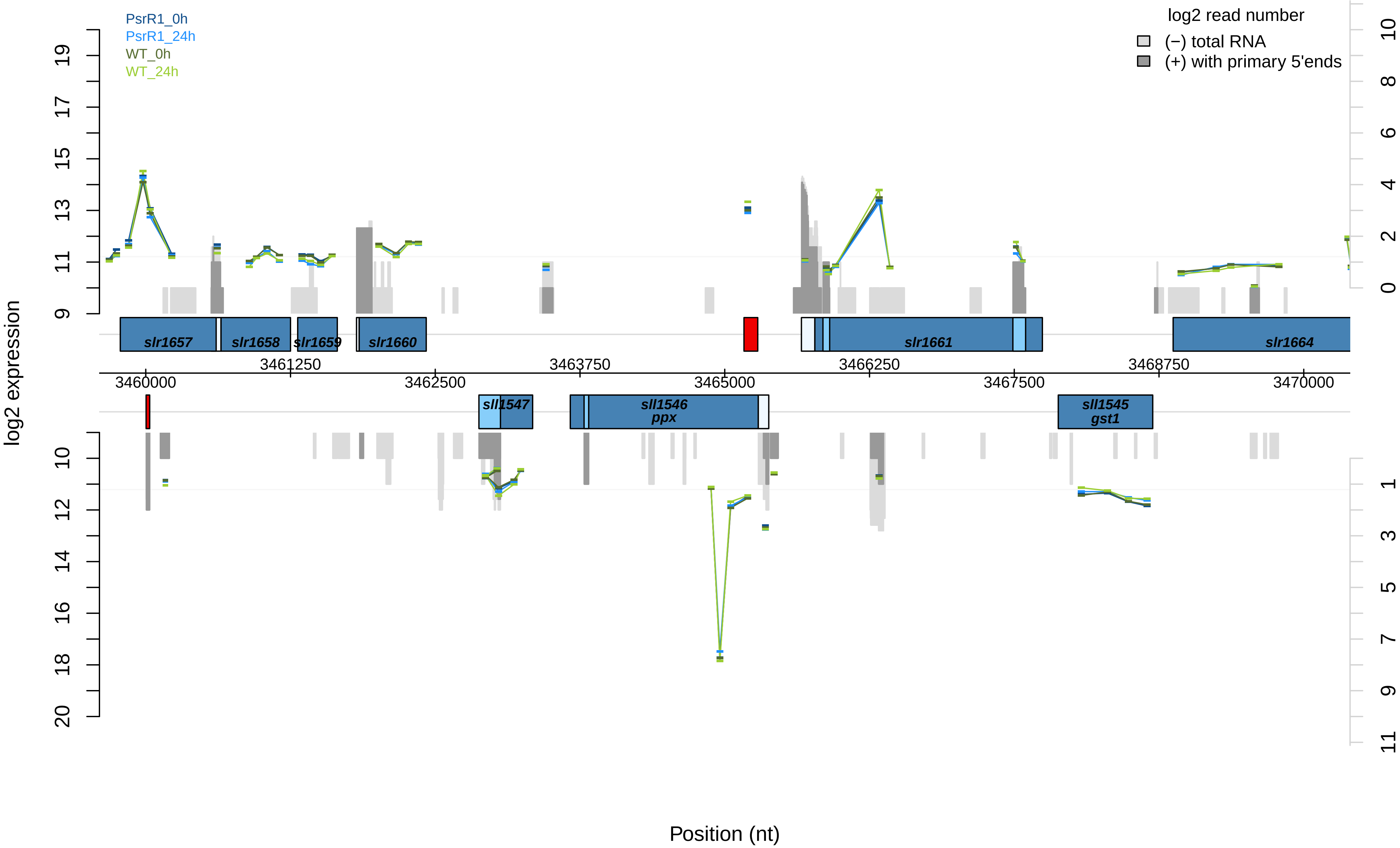
Position (nt)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WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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slr1659
slr1660
slr1661
slr1664
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sll1546
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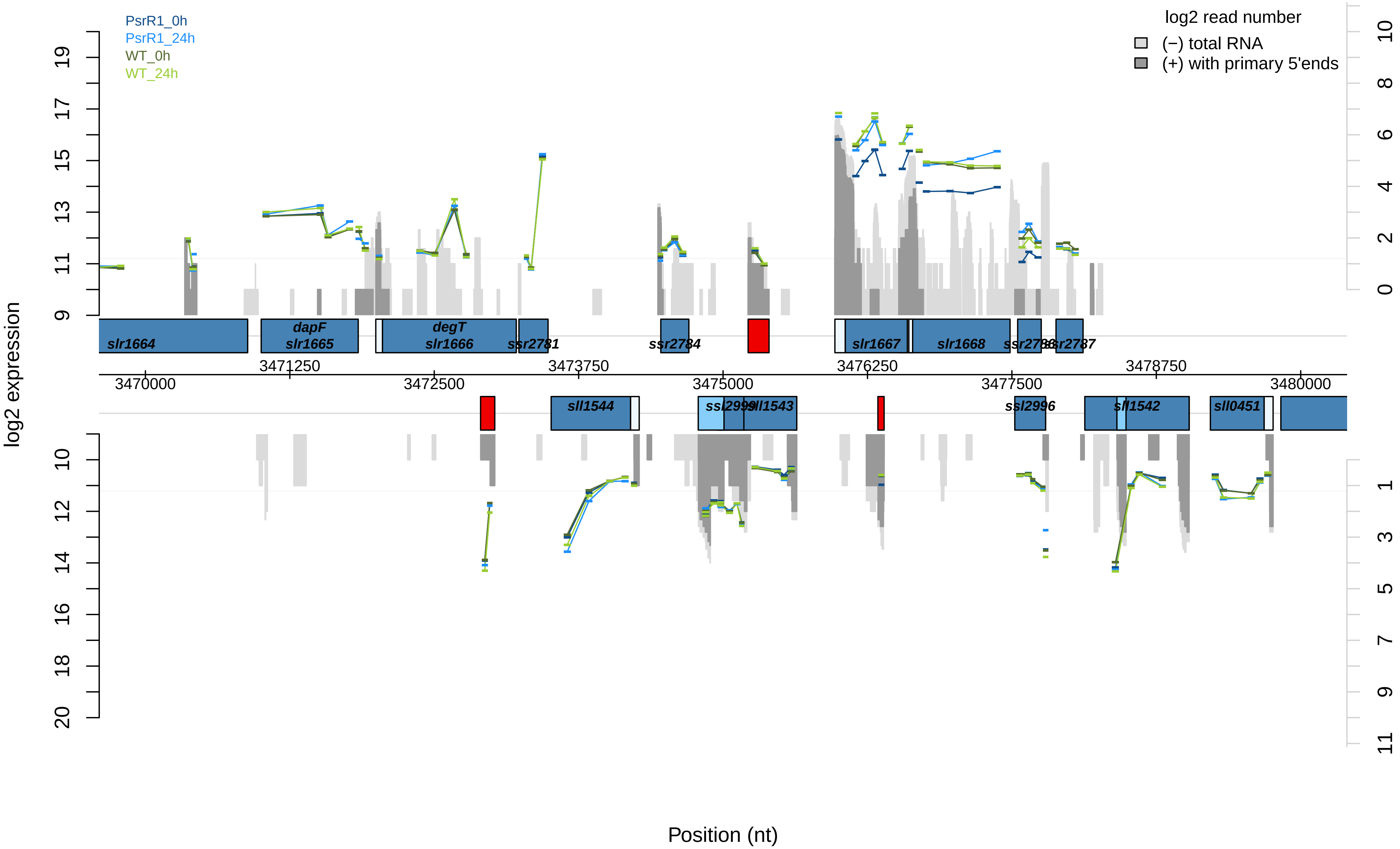
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
☐ (−) total RNA
▨ (+) with primary 5'ends
log2 expression
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9
11
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dapF
slr1665
degT
slr1666
ssr2781
ssr2784
slr1667
slr1668
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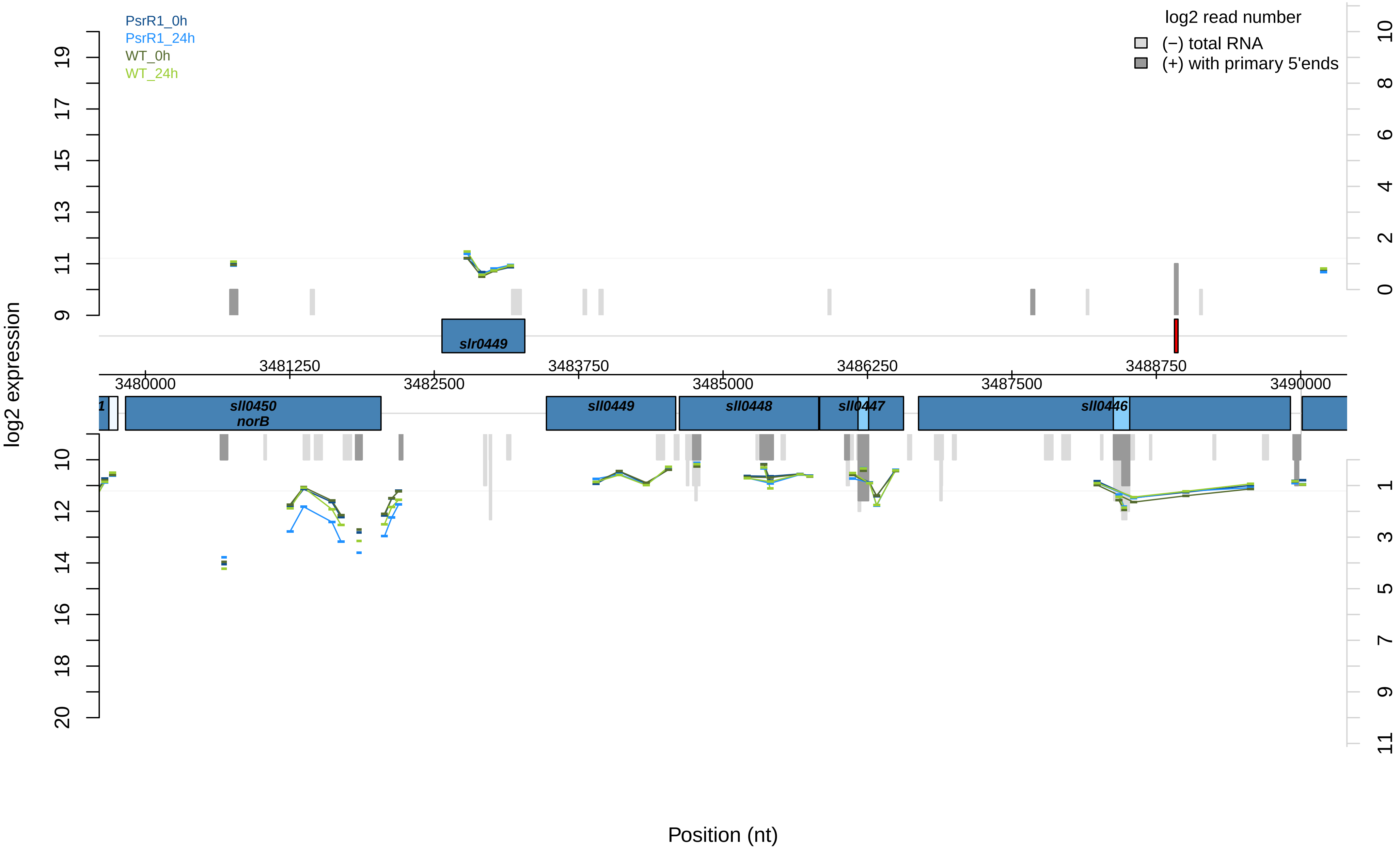
Position (nt)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PsrR1_24h
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WT_24h
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(+) with primary 5'ends
log2 expression
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norB
sll0449
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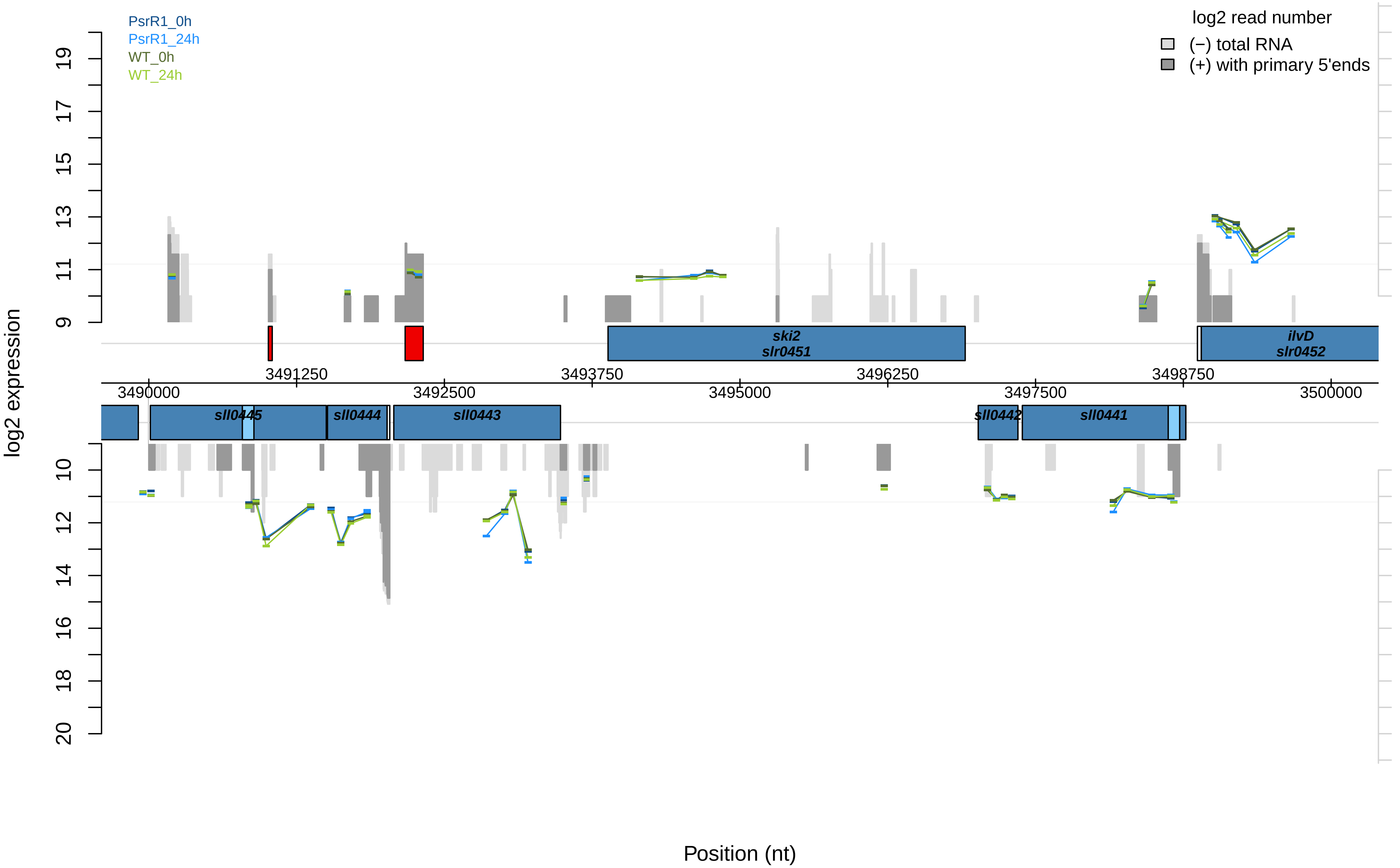
Position (nt)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PsrR1_24h
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WT_24h
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(+) with primary 5'ends
log2 expression
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ilvD
slr0452
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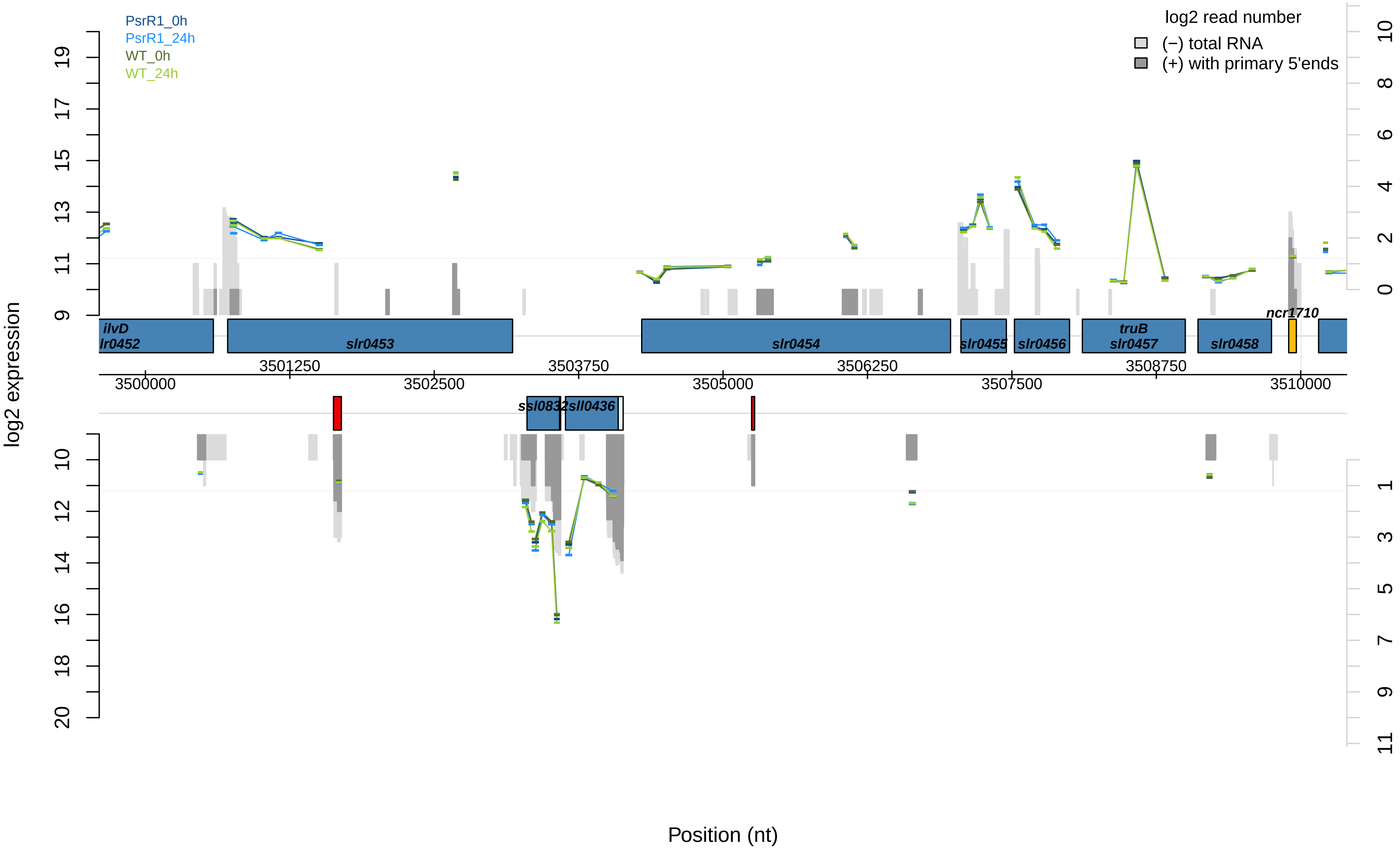
sll0441
Position (nt)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WT_0h
WT_24h
log2 read number
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(+) with primary 5'ends
log2 expression
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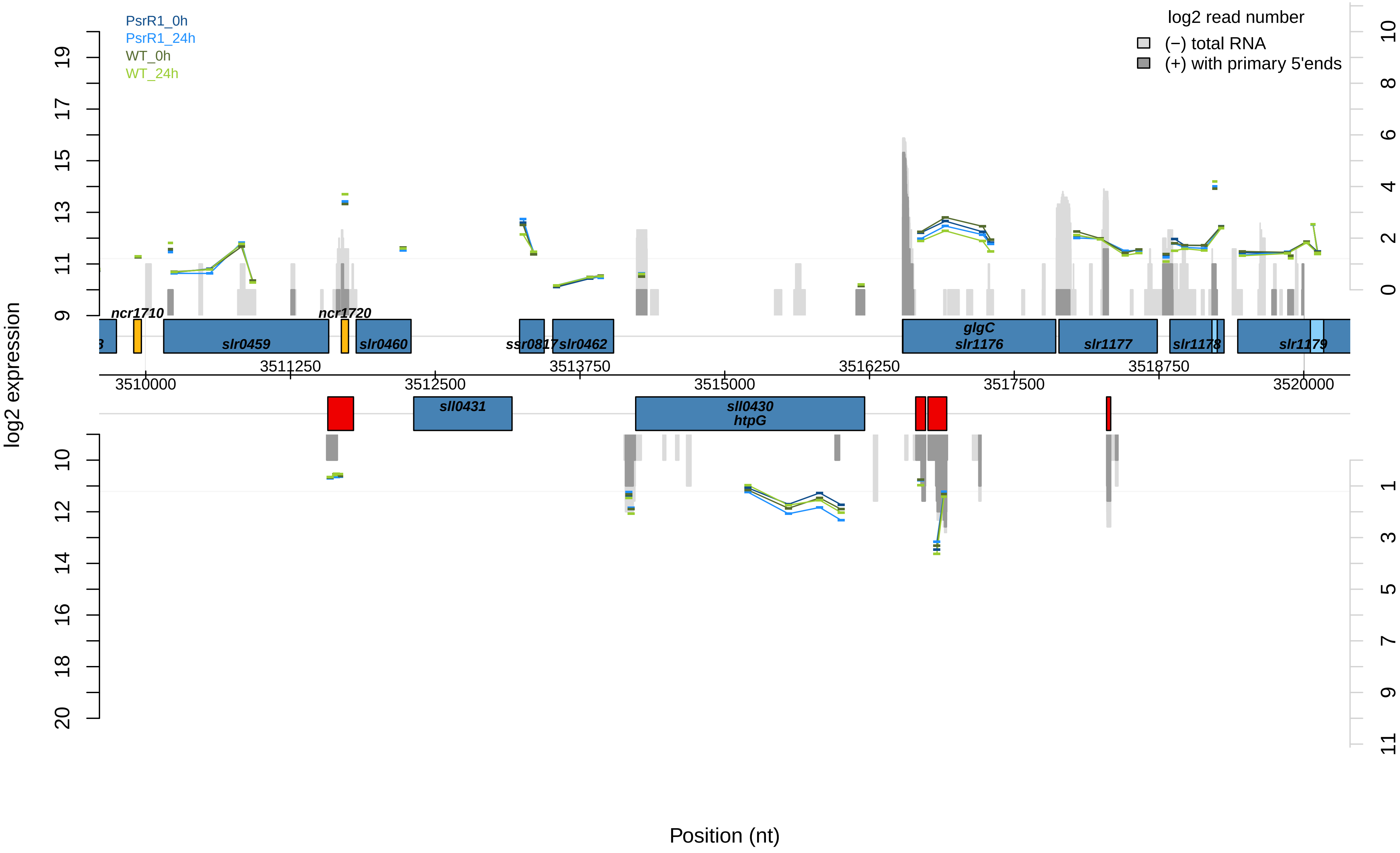
Position (nt)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PsrR1_24h
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WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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slr0460
ssr0817
slr0462
glgC
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slr1178
slr1179
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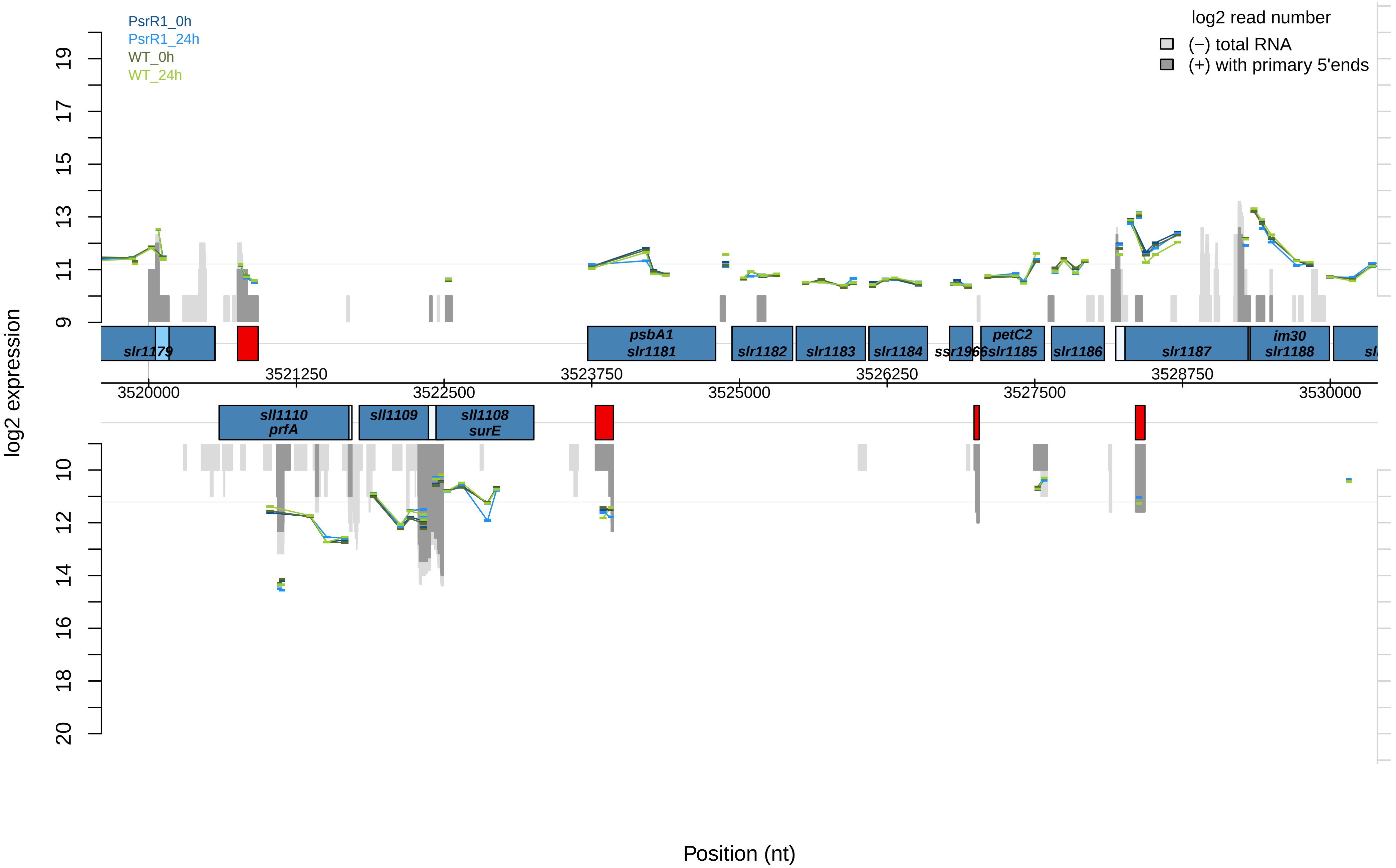
Position (nt)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PsrR1_24h
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WT_24h
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(+) with primary 5'ends
log2 expression
Position (nt)
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ssr1966
petC2
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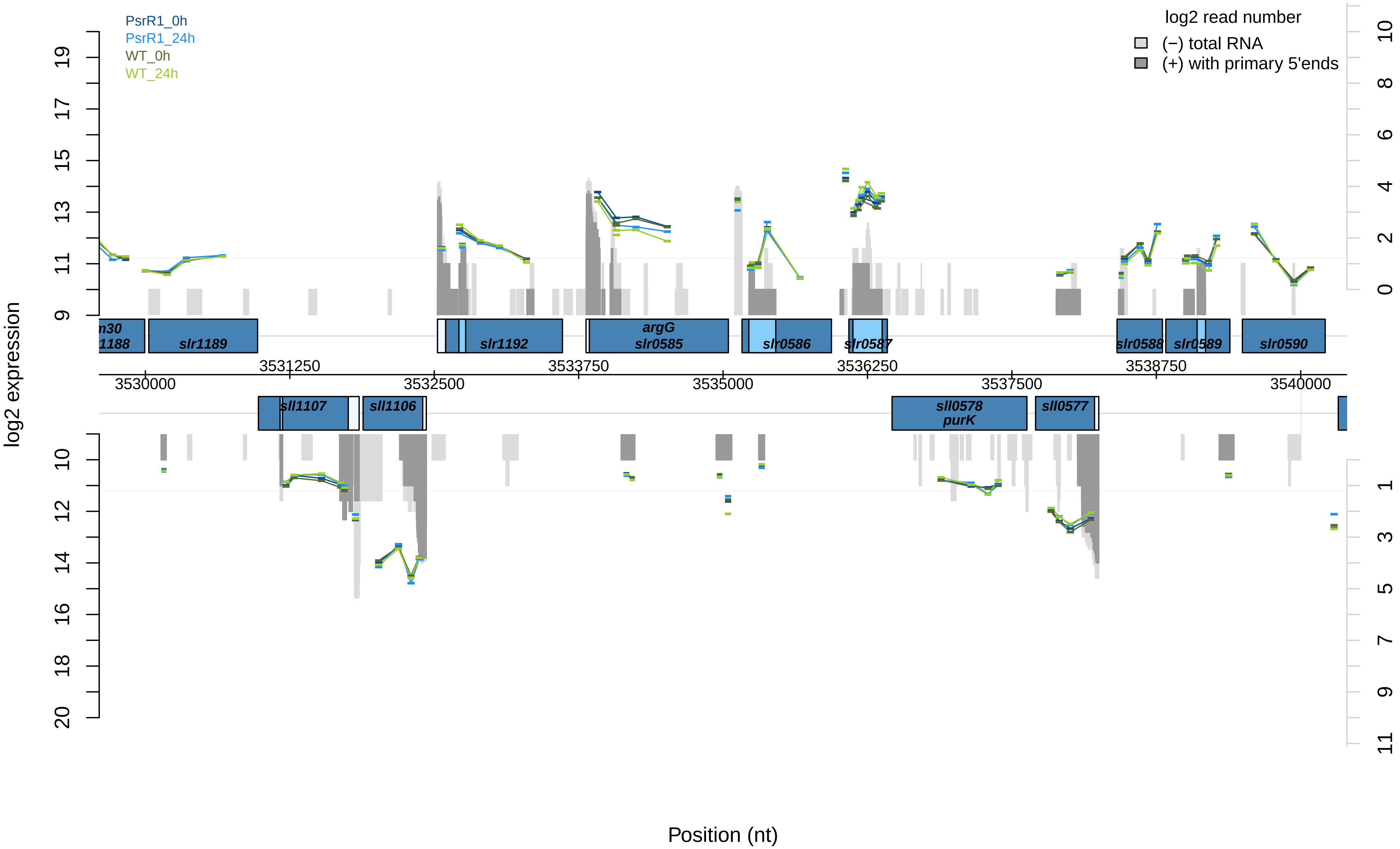
PsrR1_0h
PsrR1_24h
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WT_24h
log2 read number
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■ (+) with primary 5'ends
log2 expression
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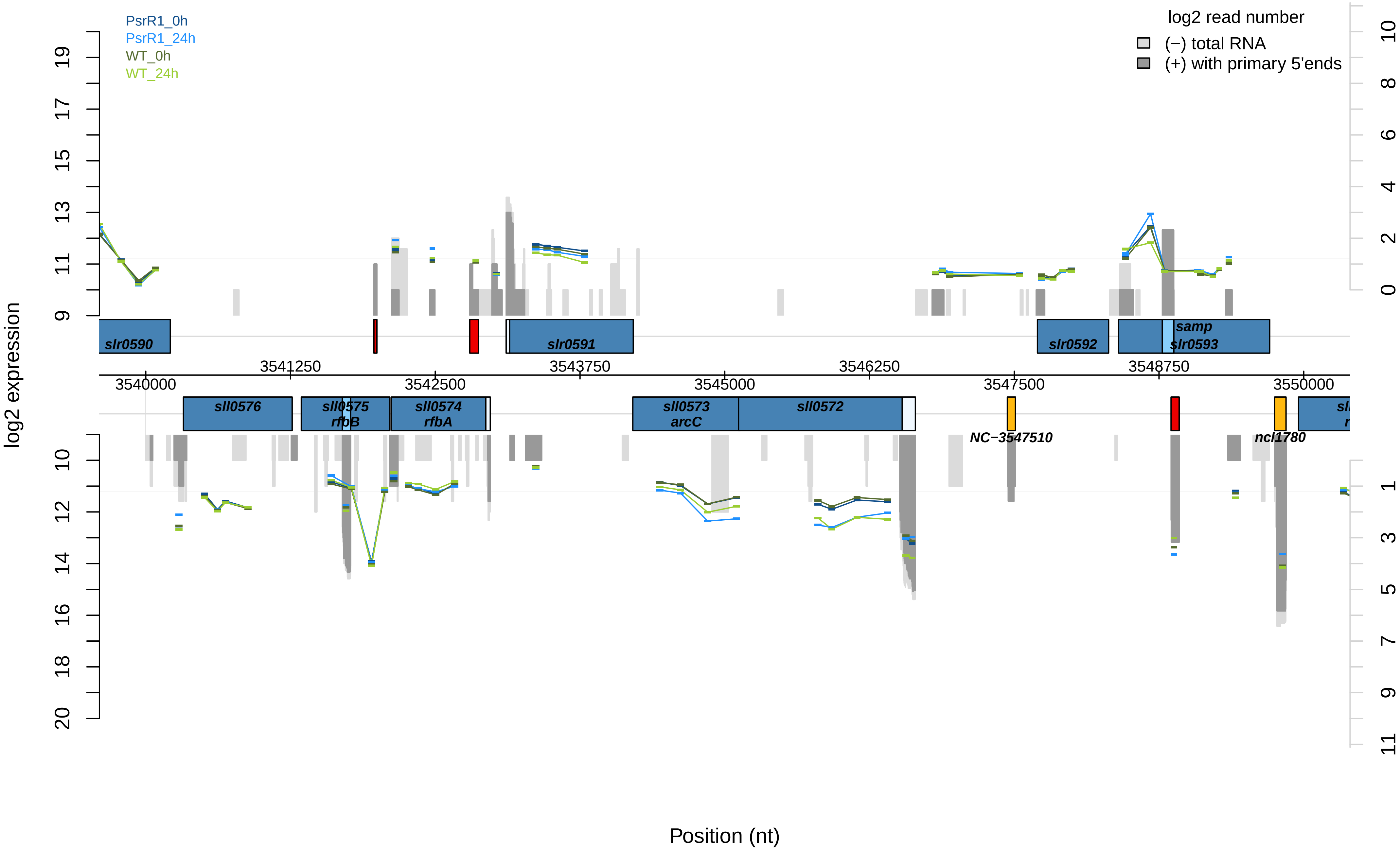
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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sll0574
rfbA
sll0573
arcC
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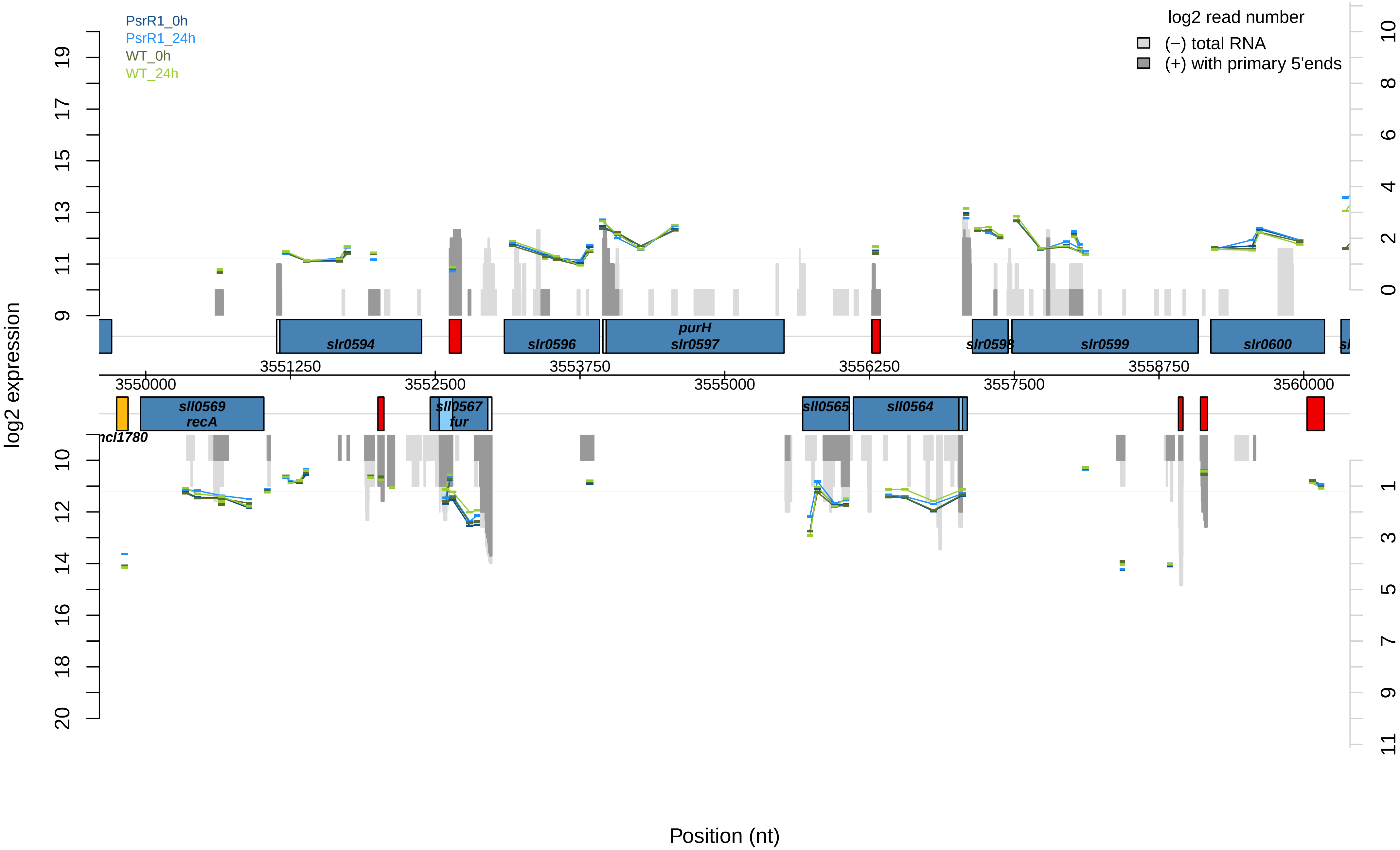
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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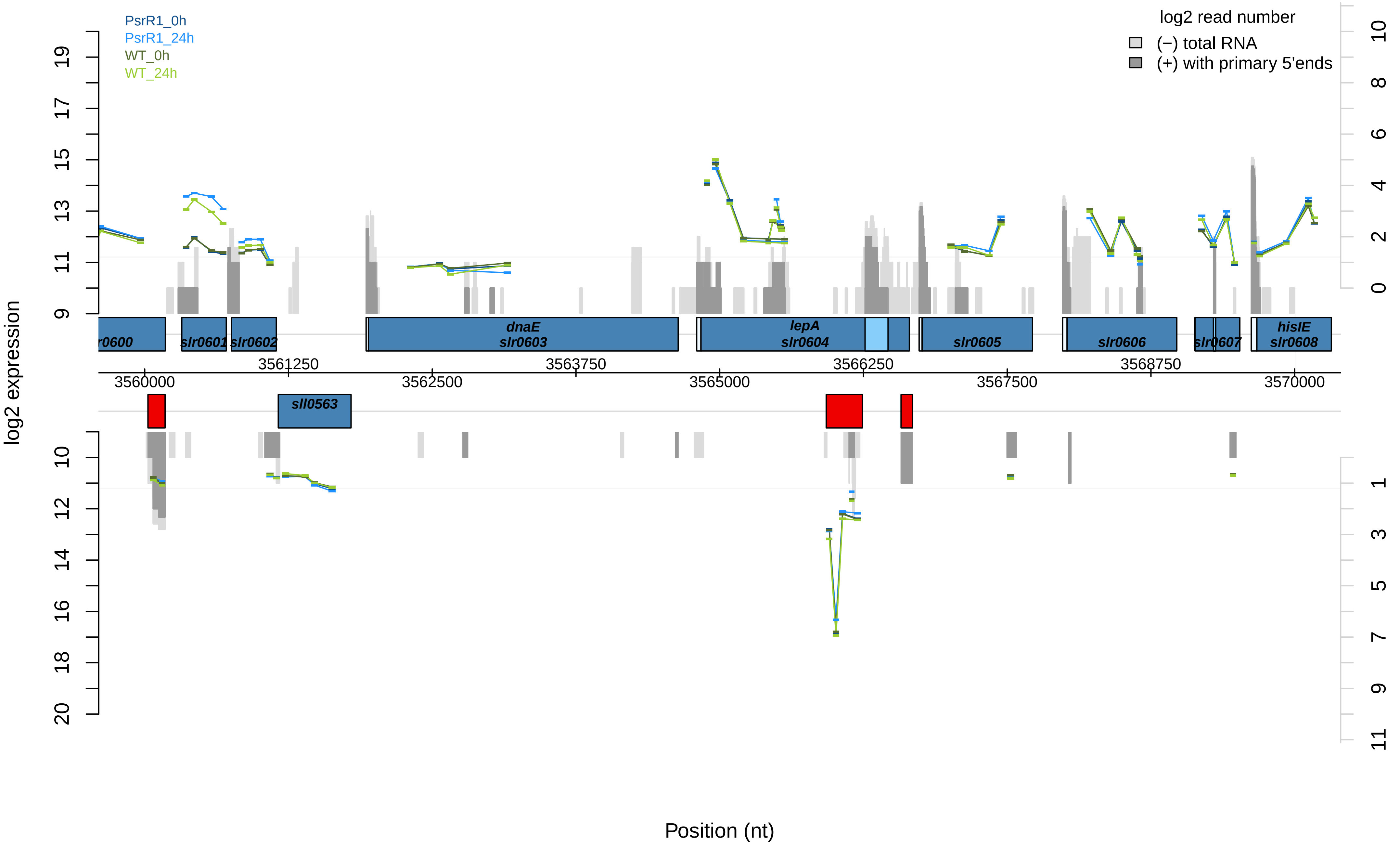
Position (nt)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PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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slr0602
dnaE
slr0603
lepA
slr0604
slr0605
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slr0607
hisIE
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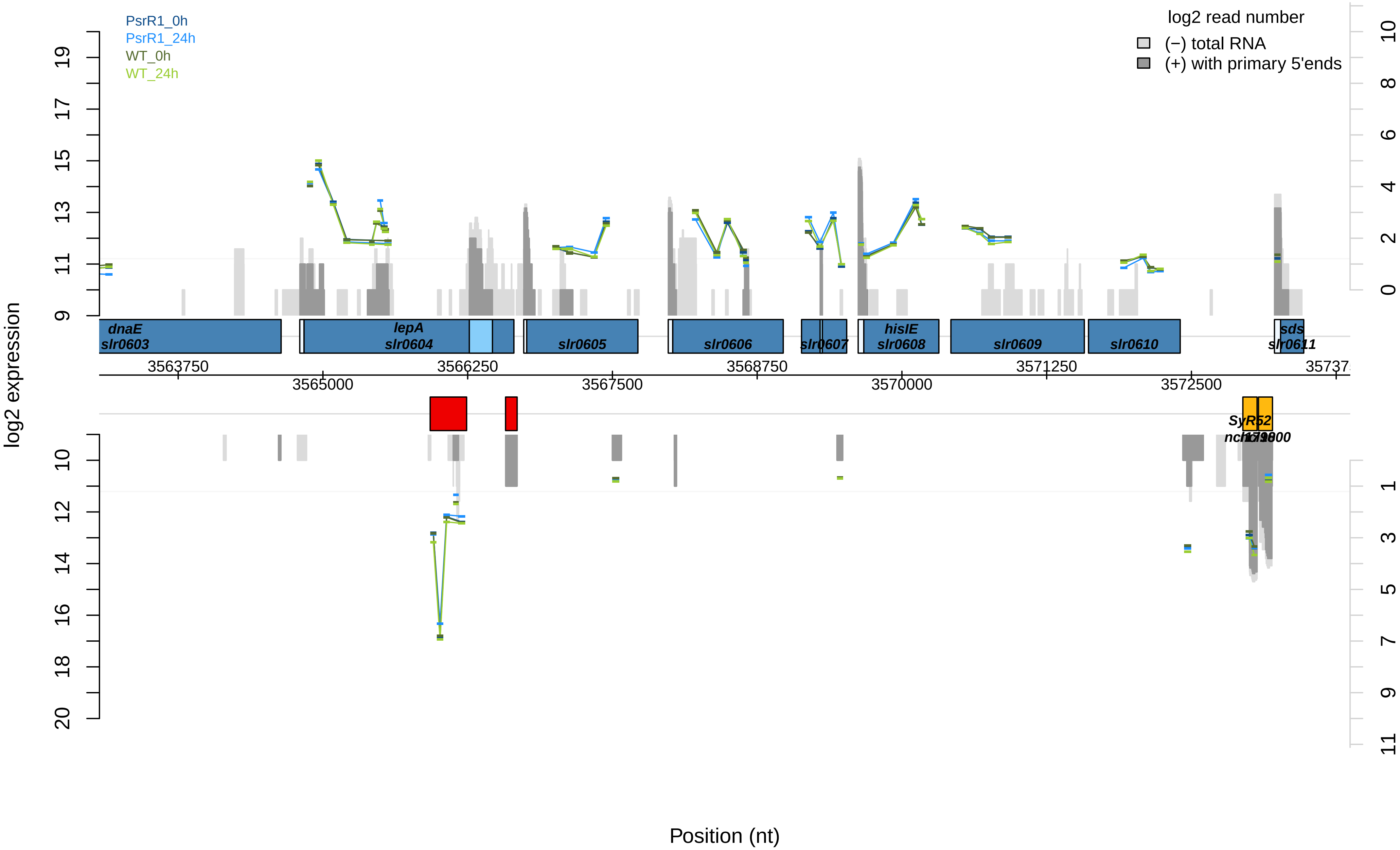
Position (nt)


PsrR1_0h
PsrR1_24h
WT_0h
WT_24h
log2 read number
(−) total RNA
(+) with primary 5'ends
log2 expression
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slr0611
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3565000
3566250
3567500
3568750
3570000
3571250
3572500
35737
SyR52
ncl1790
ncl1800
Position (nt)