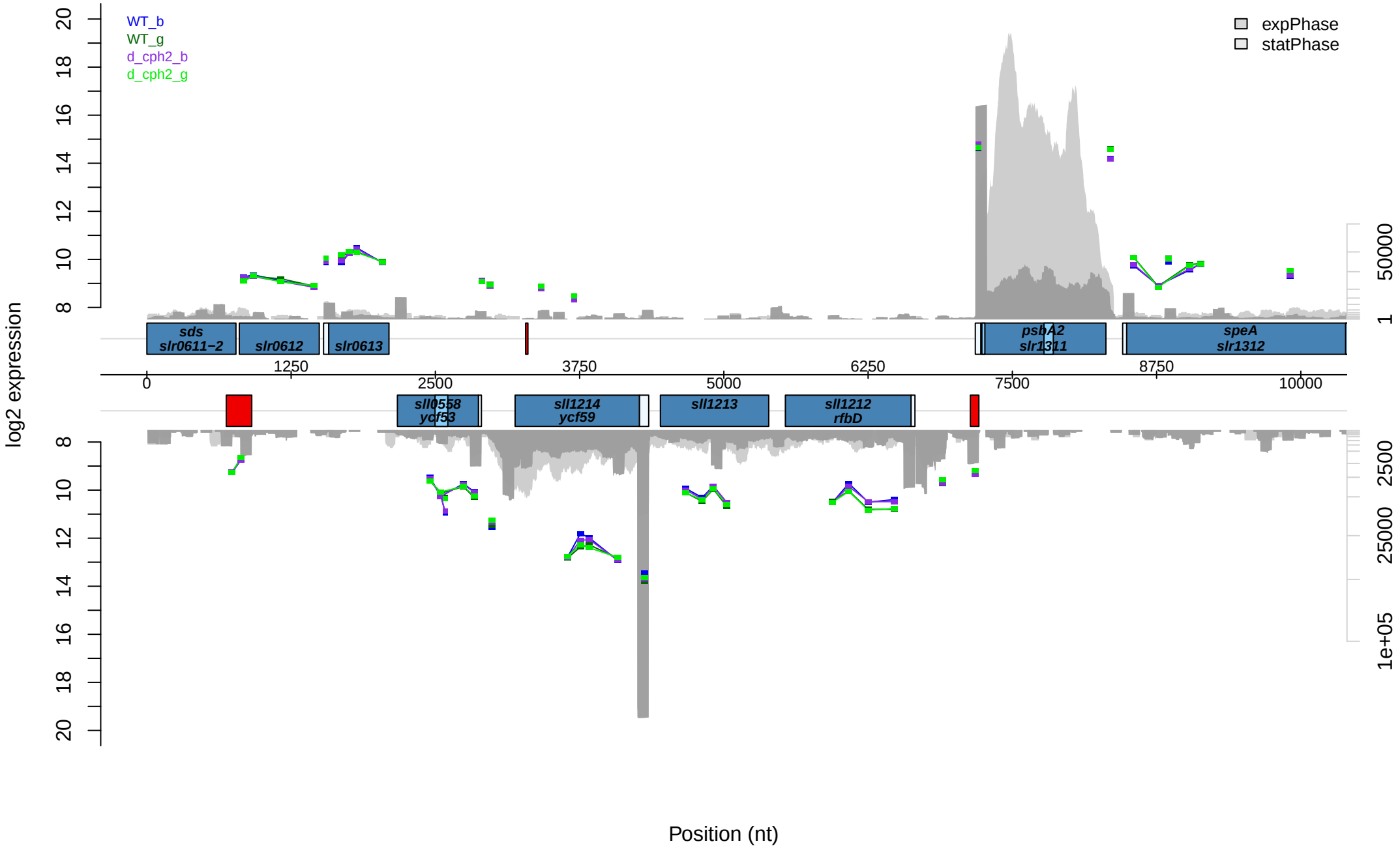
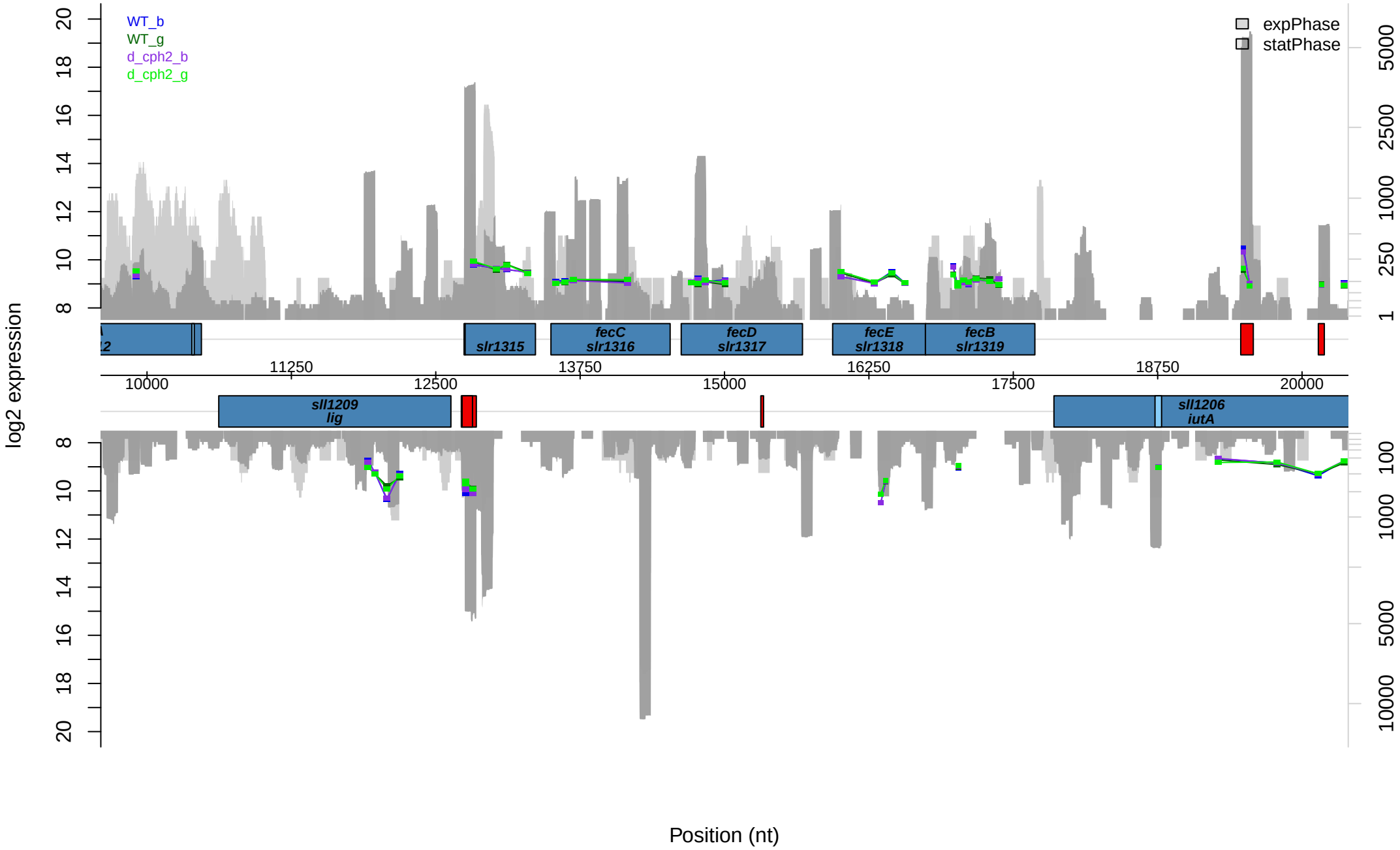
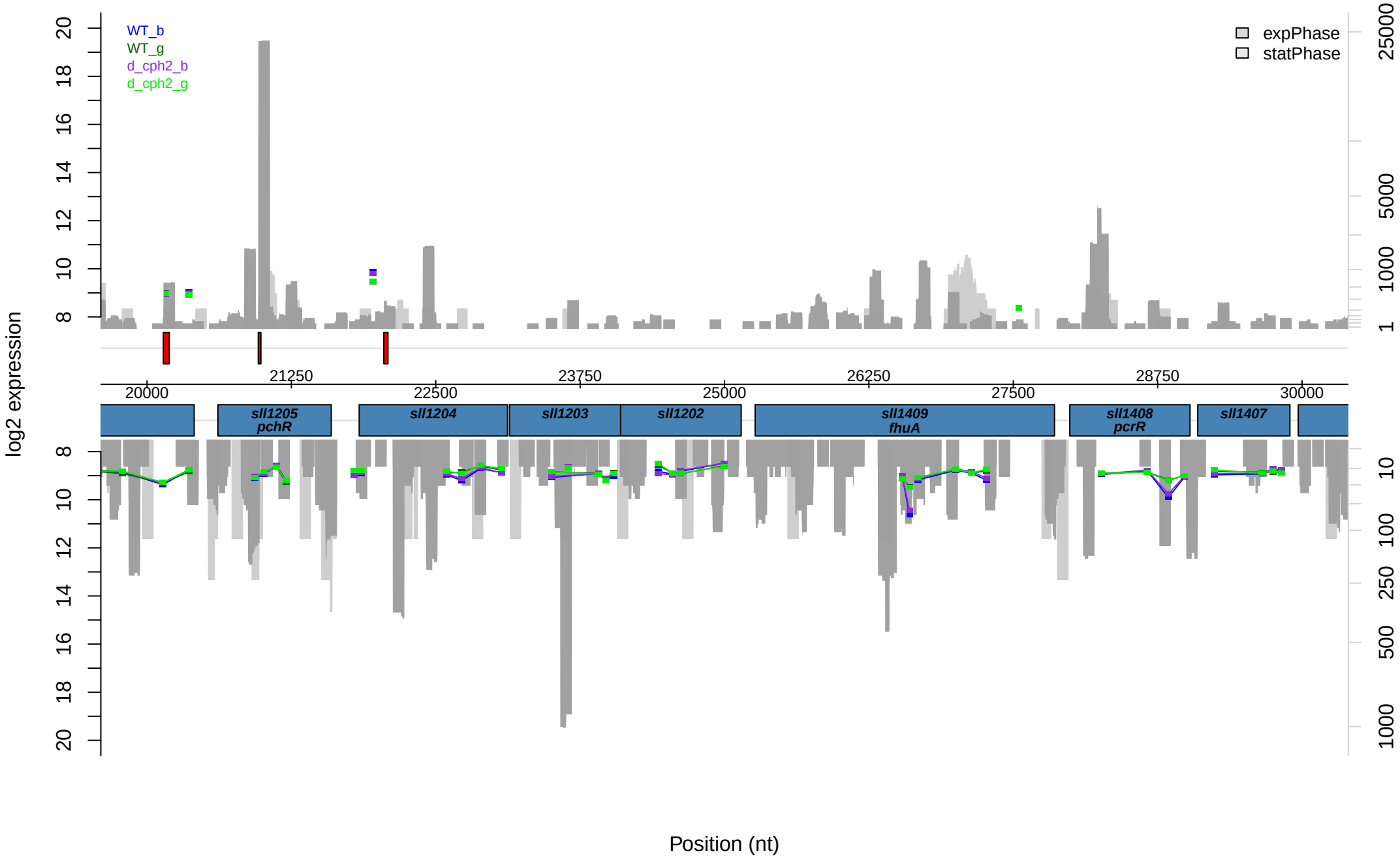
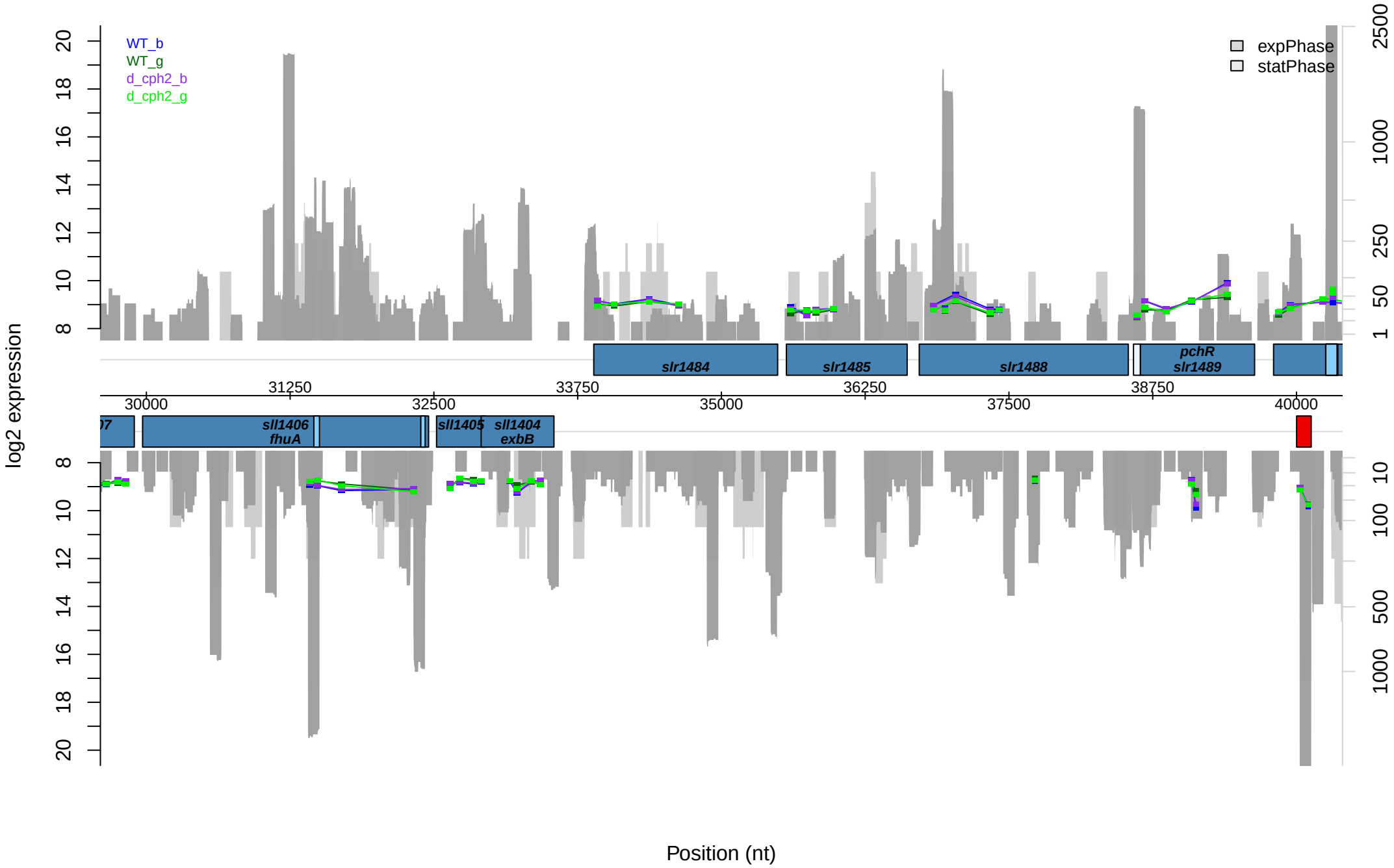
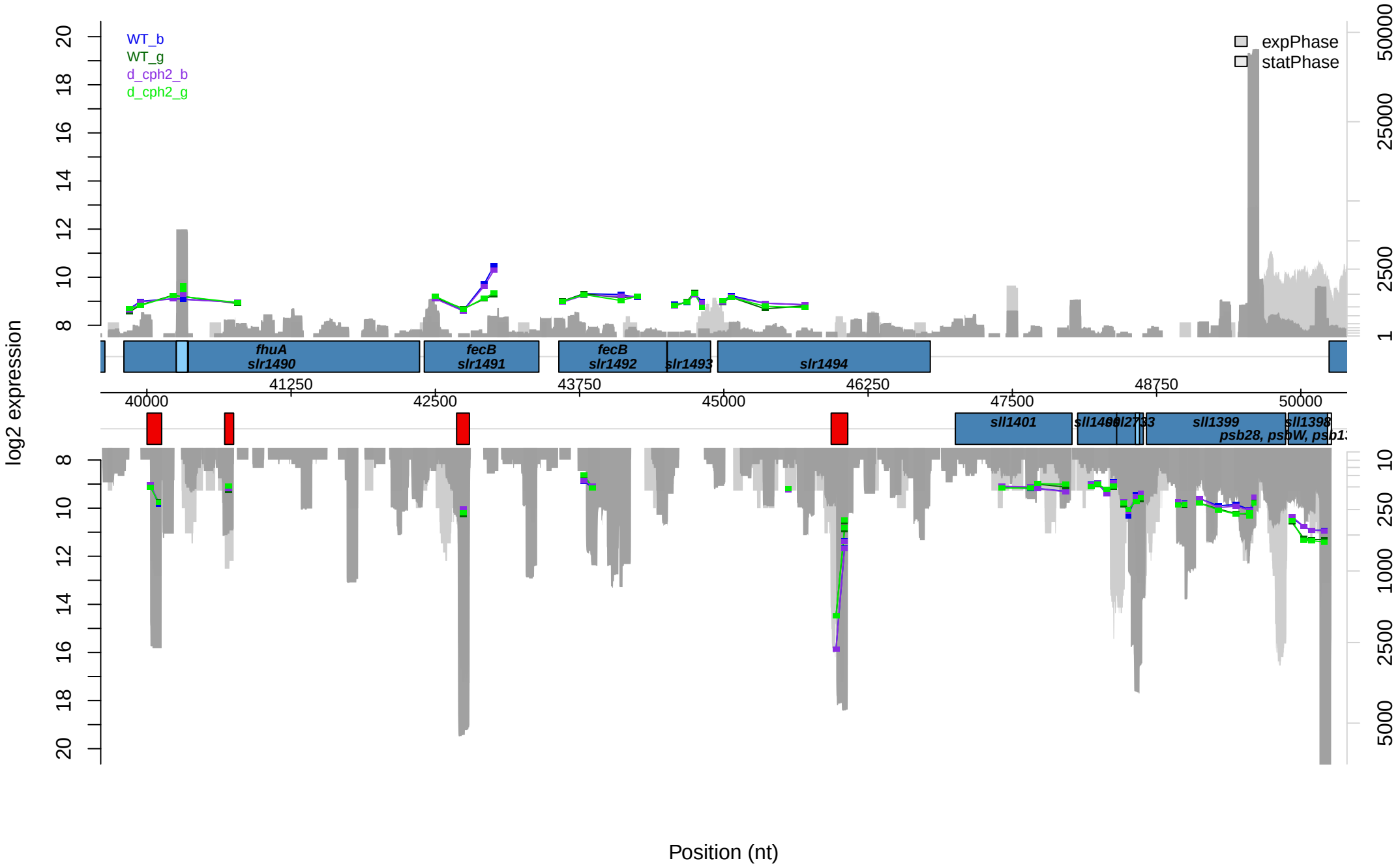
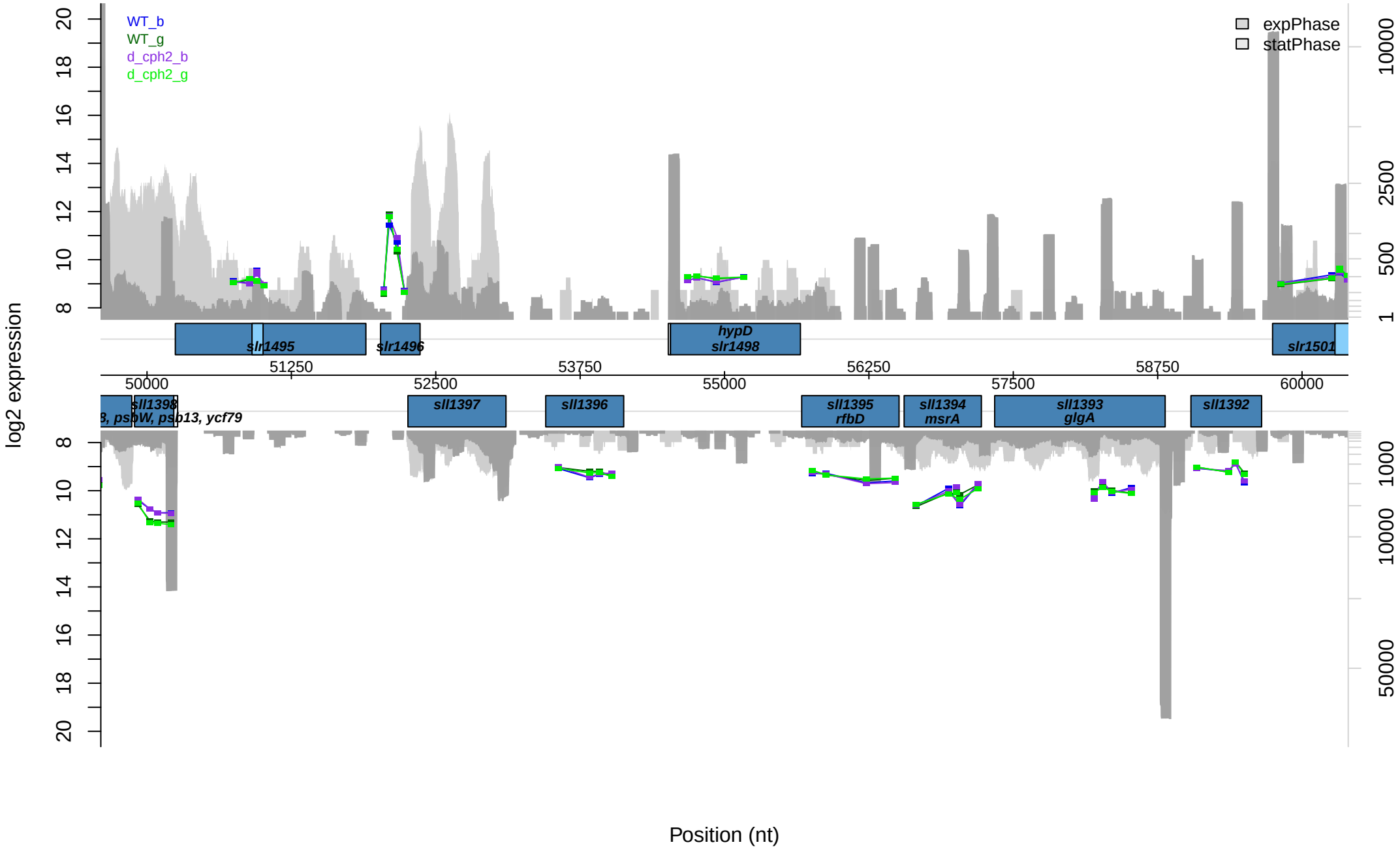

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sds
slr0611−2
slr0612
slr0613
psbA2
slr1311
speA
slr1312
sll0558
ycf53
sll1214
ycf59
sll1213
sll1212
rfbD
0
1250
2500
3750
5000
6250
7500
8750
10000
8
10
12
14
16
18
20
1
50000
2500
25000
1e+05

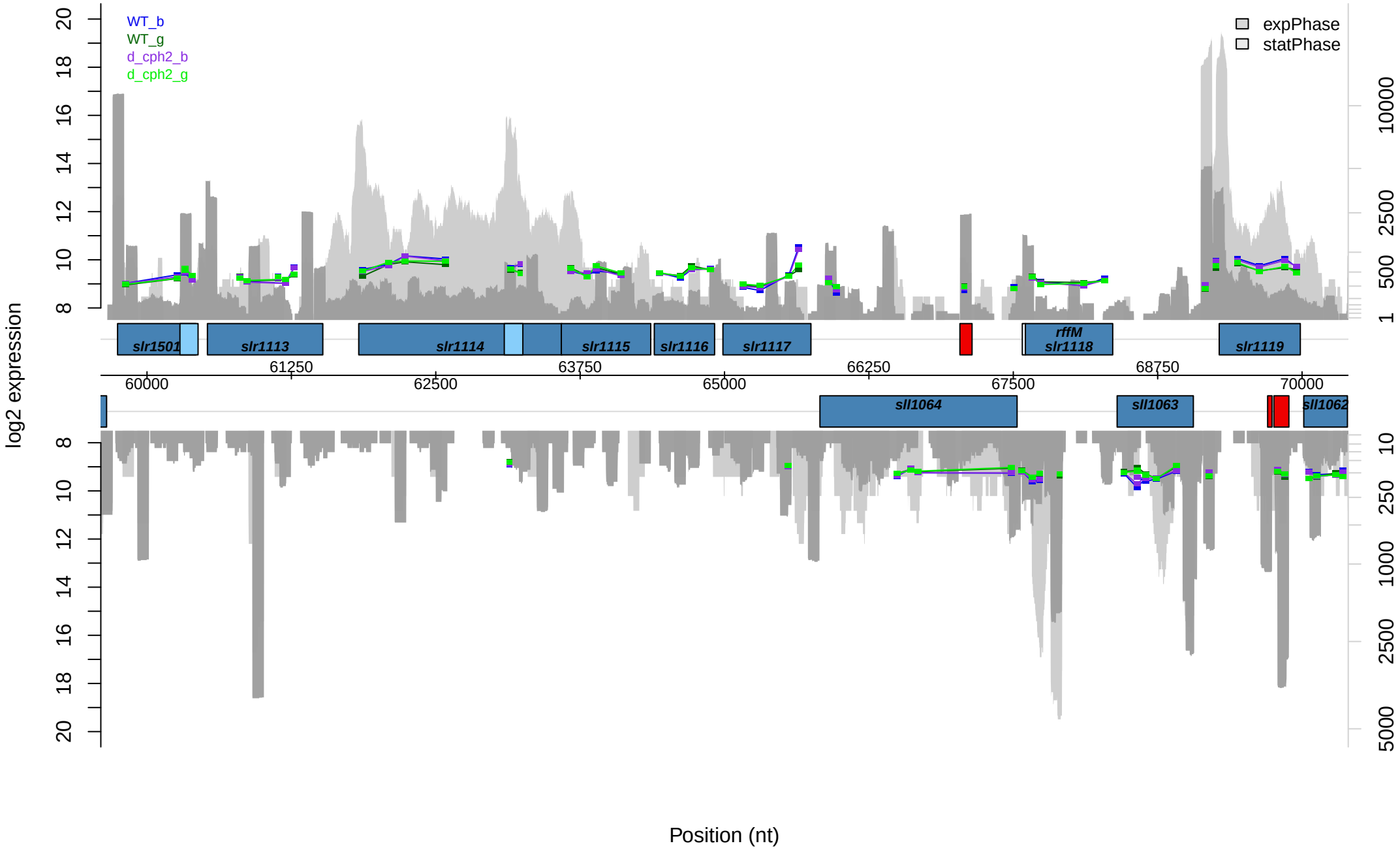

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1315
fecC
slr1316
fecD
slr1317
fecE
slr1318
fecB
slr1319
sll1209
lig
sll1206
iutA
10000
11250
12500
13750
15000
16250
17500
18750
20000

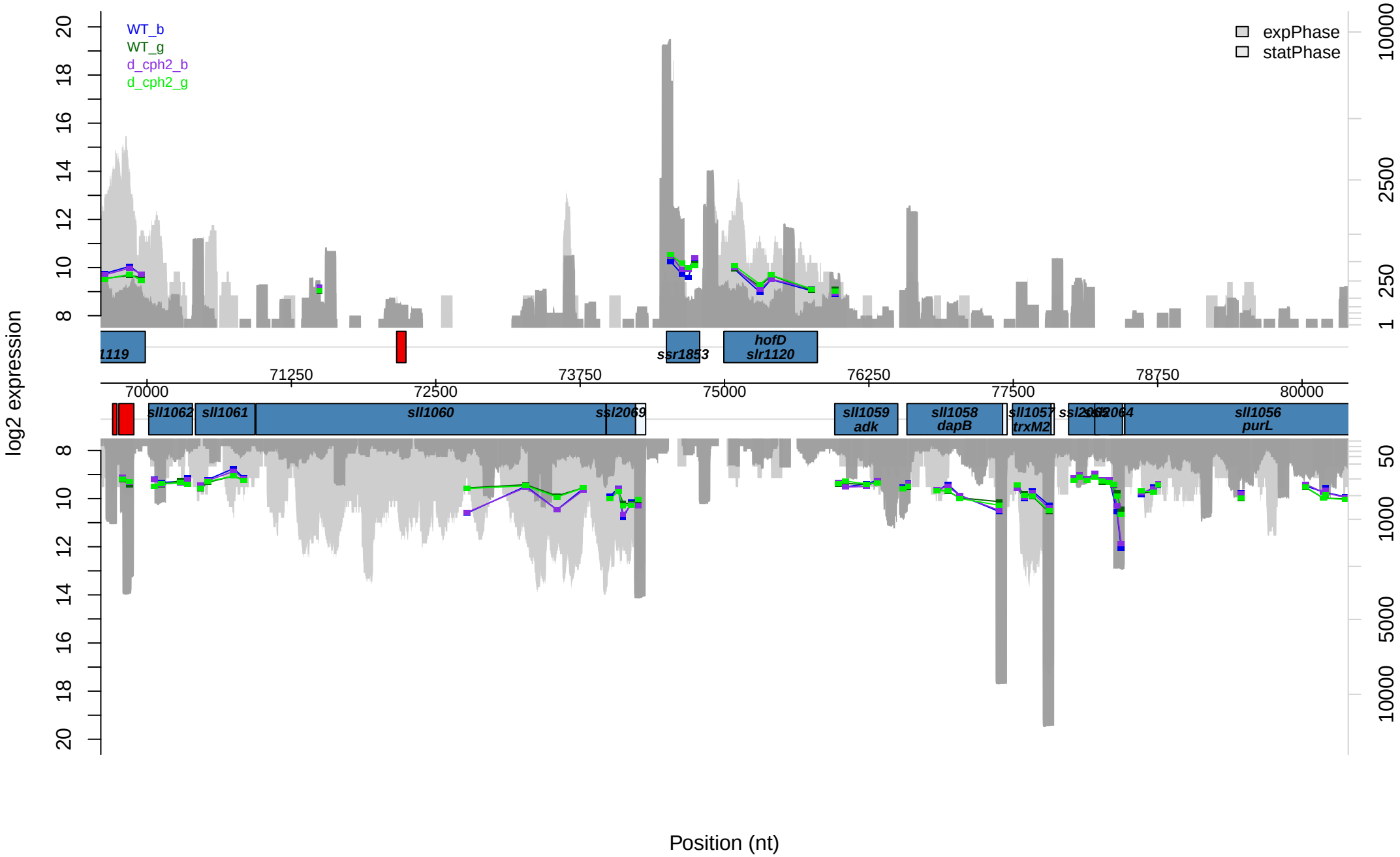

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sll1205 pchR
sll1204
sll1203
sll1202
sll1409 fhuA
sll1408 pcrR
sll1407

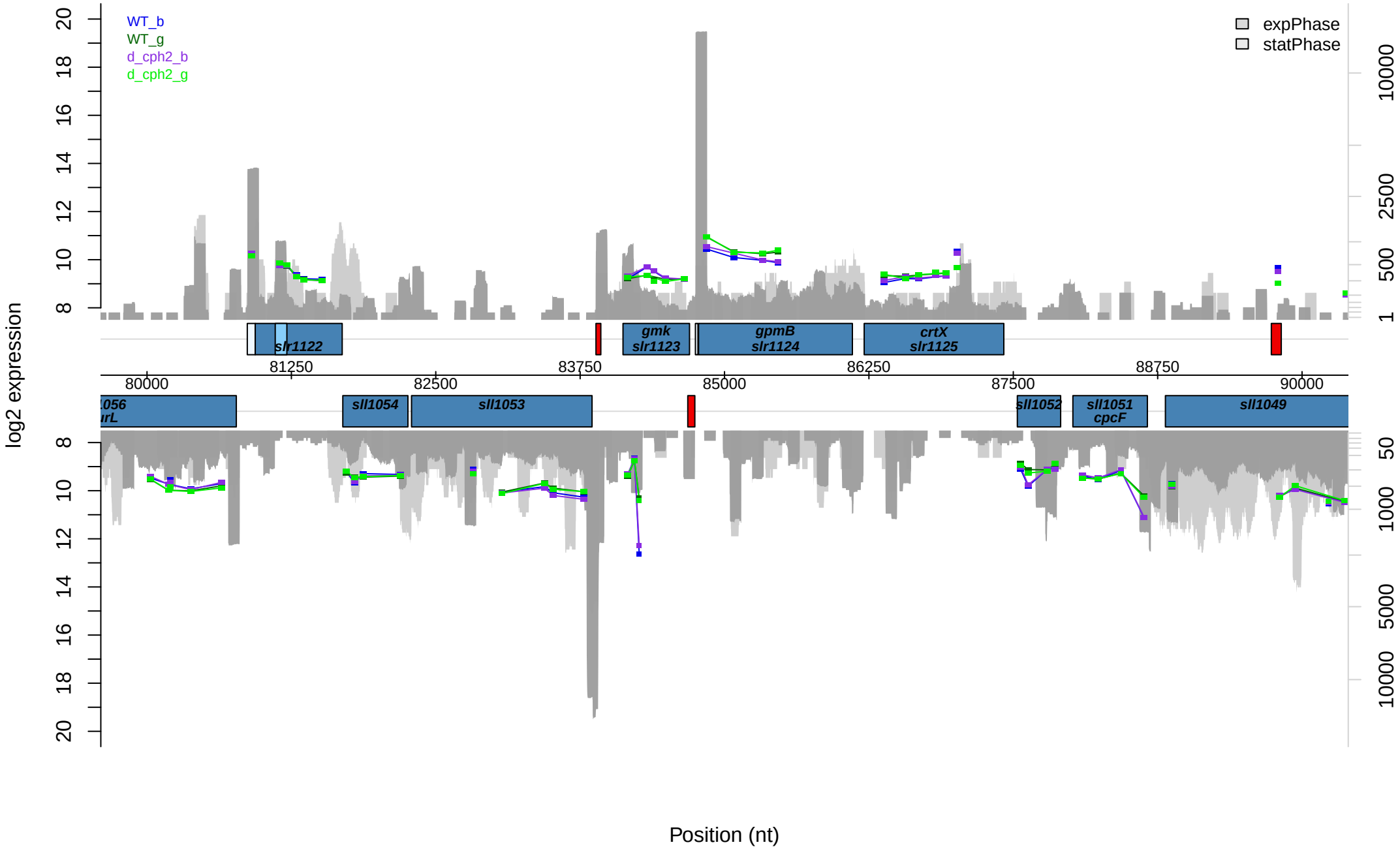

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1484
slr1485
slr1488
pchR
slr1489
sll1406
fhuA
sll1405
sll1404
exbB
31250
33750
36250
38750
30000
32500
35000
37500
40000

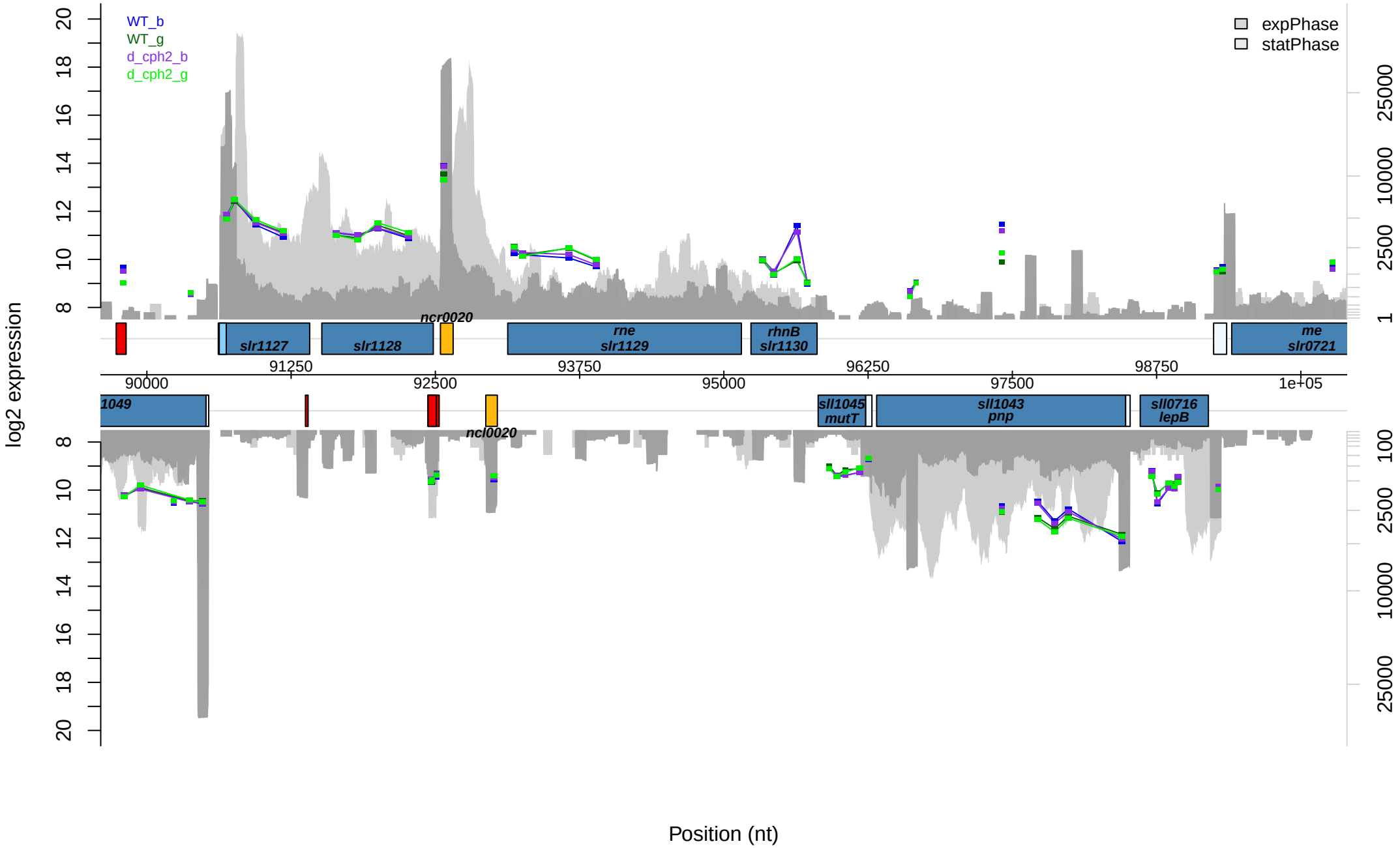

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
fhuA
slr1490
fecB
slr1491
fecB
slr1492
slr1493
slr1494
sll1401
sll1399
psb28, psbW, psb1
40000
41250
42500
43750
45000
46250
47500
48750
50000

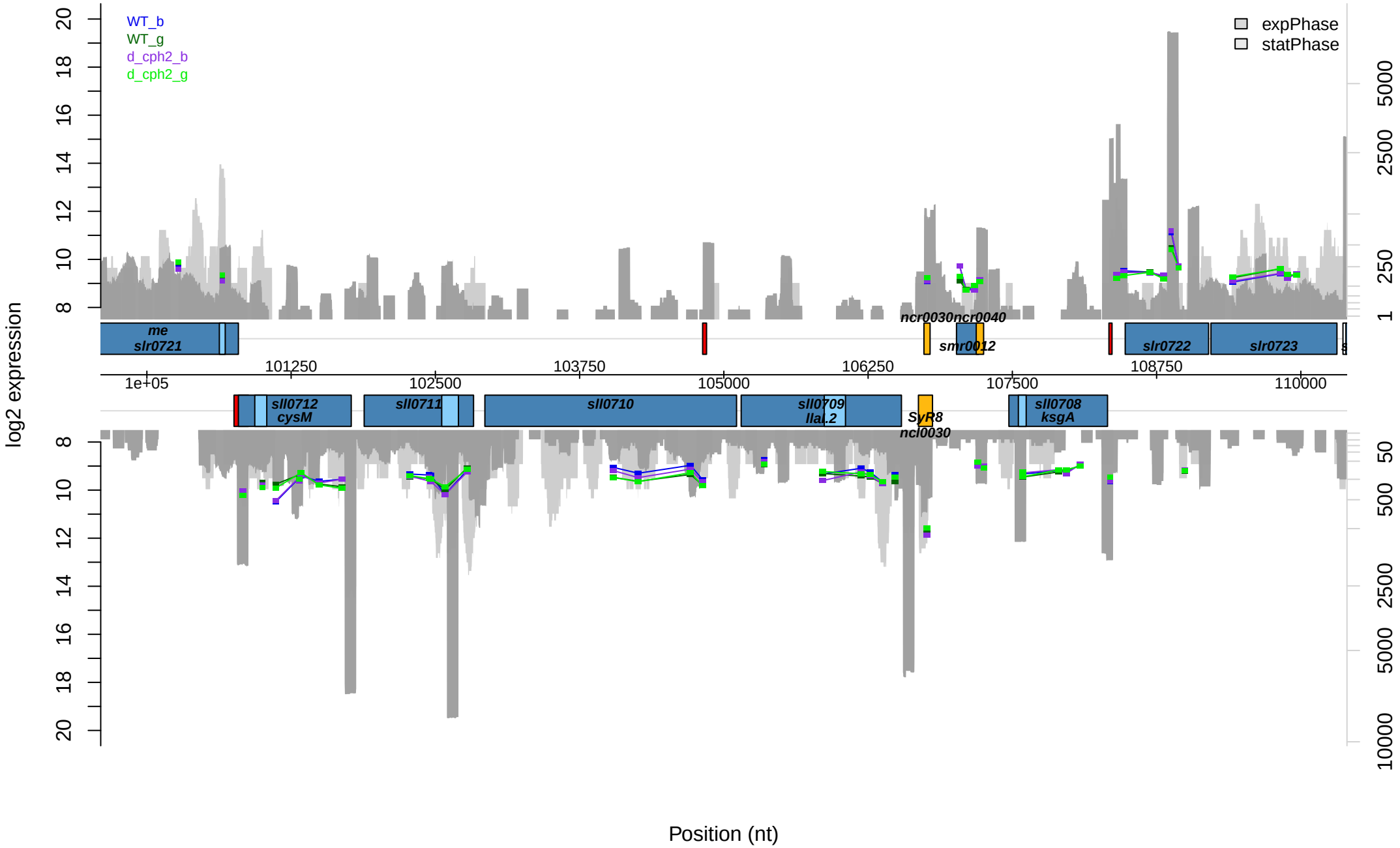

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1495
slr1496
hypD
slr1498
slr1501
sll1398
sll1397
sll1396
sll1395
rfbD
sll1394
msrA
sll1393
glgA
sll1392
50000
51250
52500
53750
55000
56250
57500
58750
60000

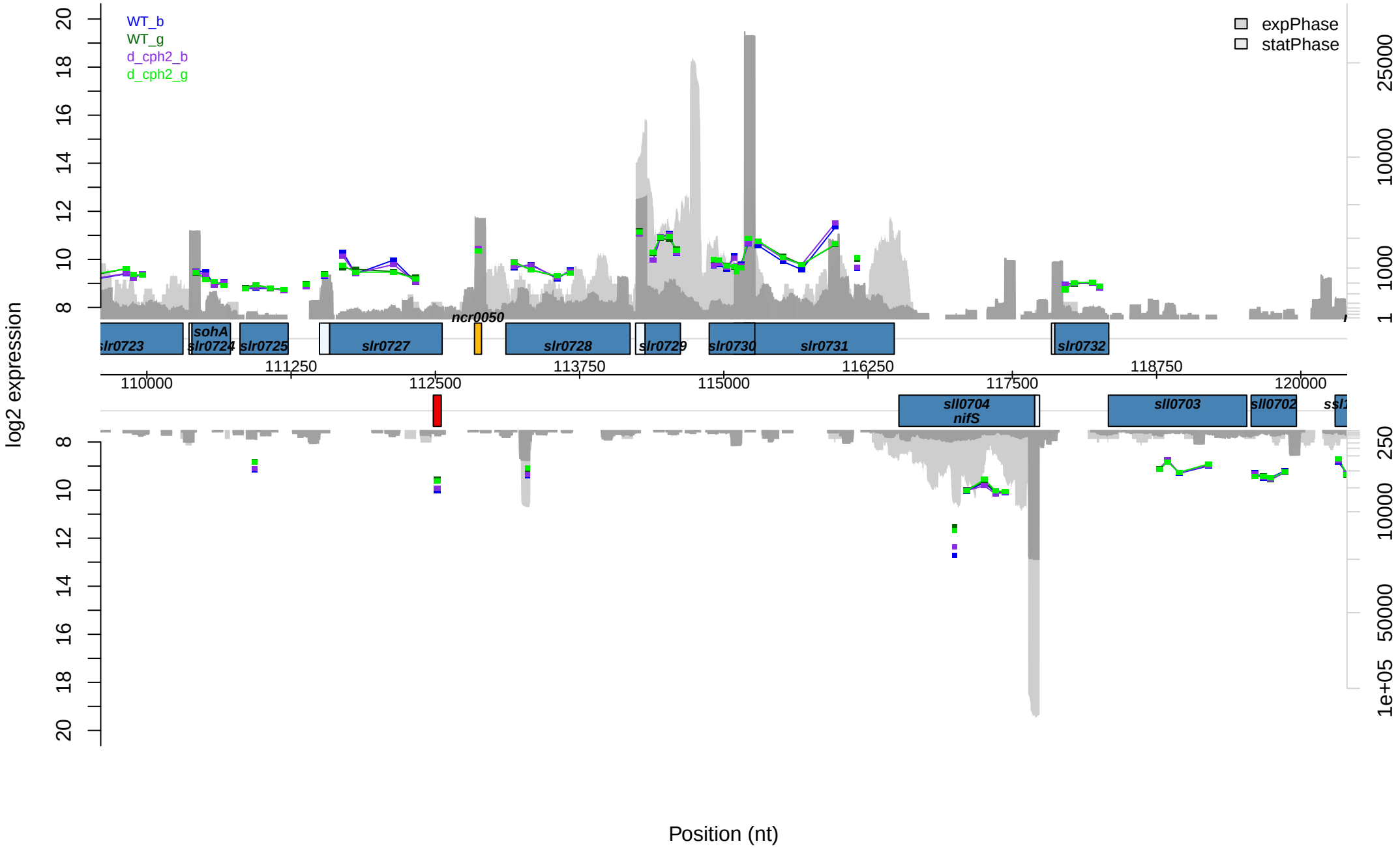

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1501
slr1113
slr1114
slr1115
slr1116
slr1117
rffM
slr1118
slr1119
sll1064
sll1063
sll1062
60000
61250
62500
63750
65000
66250
67500
68750
70000

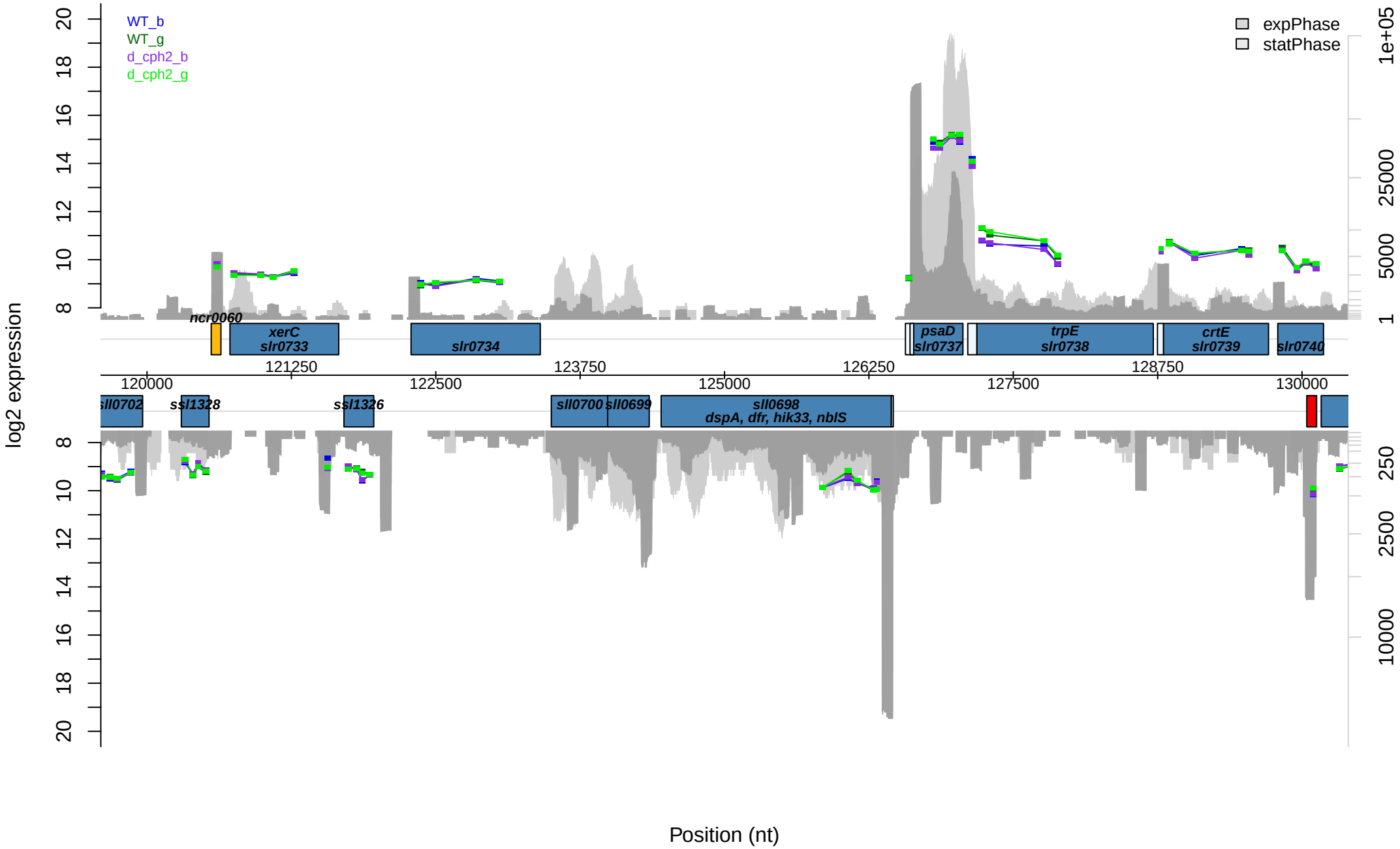

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hofD
slr1120
ssr1853
sll1062
sll1061
sll1060
ssl2069
sll1059
adk
sll1058
dapB
sll1057
trxM2
sll1056
purL

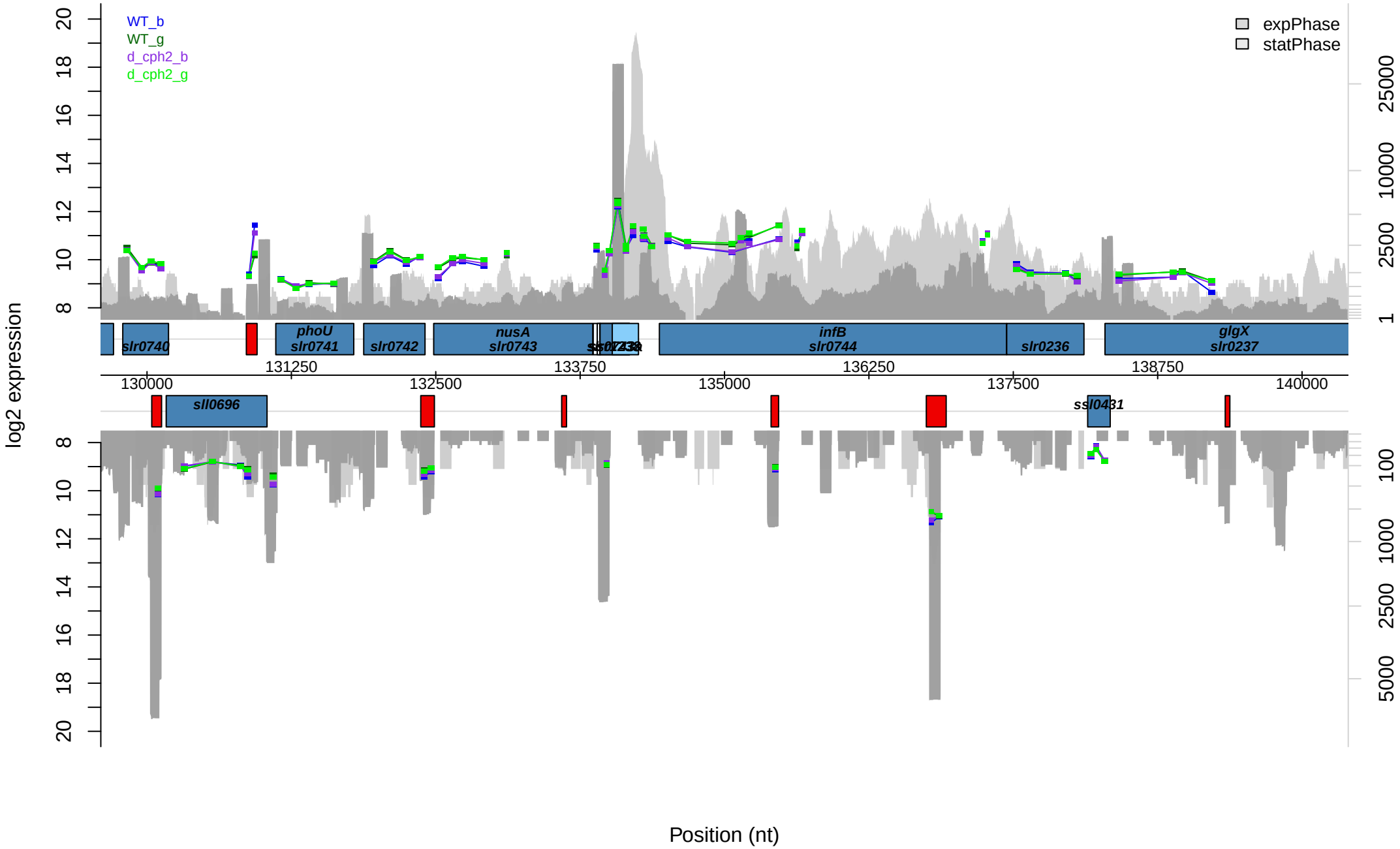

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1122
gmk
slr1123
gpmB
slr1124
crtX
slr1125
sll1054
sll1053
sll1052
sll1051
cpcF
sll1049
80000
81250
82500
83750
85000
86250
87500
88750
90000

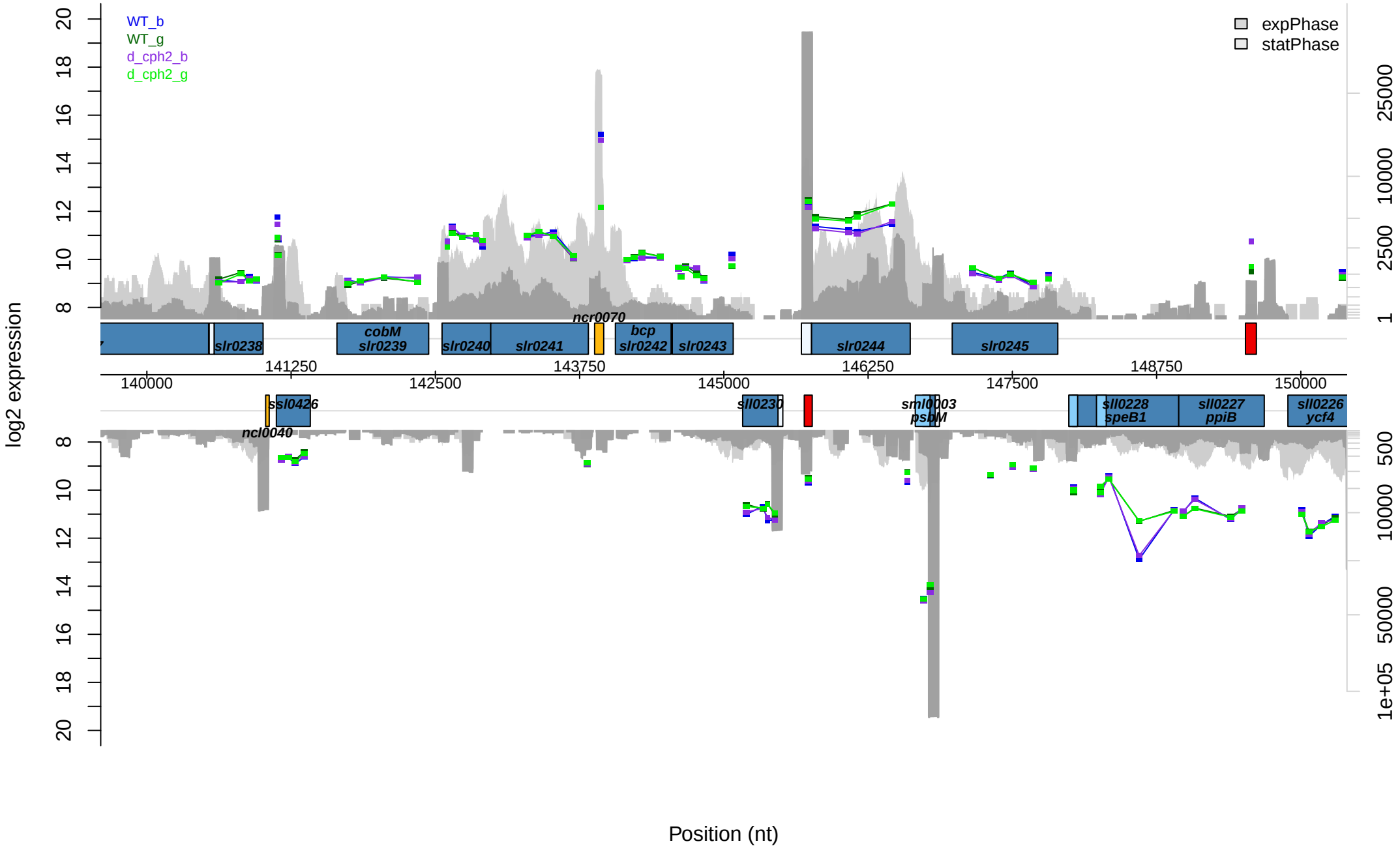

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0020
slr1127
slr1128
rne
slr1129
rhnB
slr1130
me
slr0721
ncl0020
1049
sll1045
mutT
sll1043
pnp
sll0716
lepB
90000
91250
92500
93750
95000
96250
97500
98750
1e+05

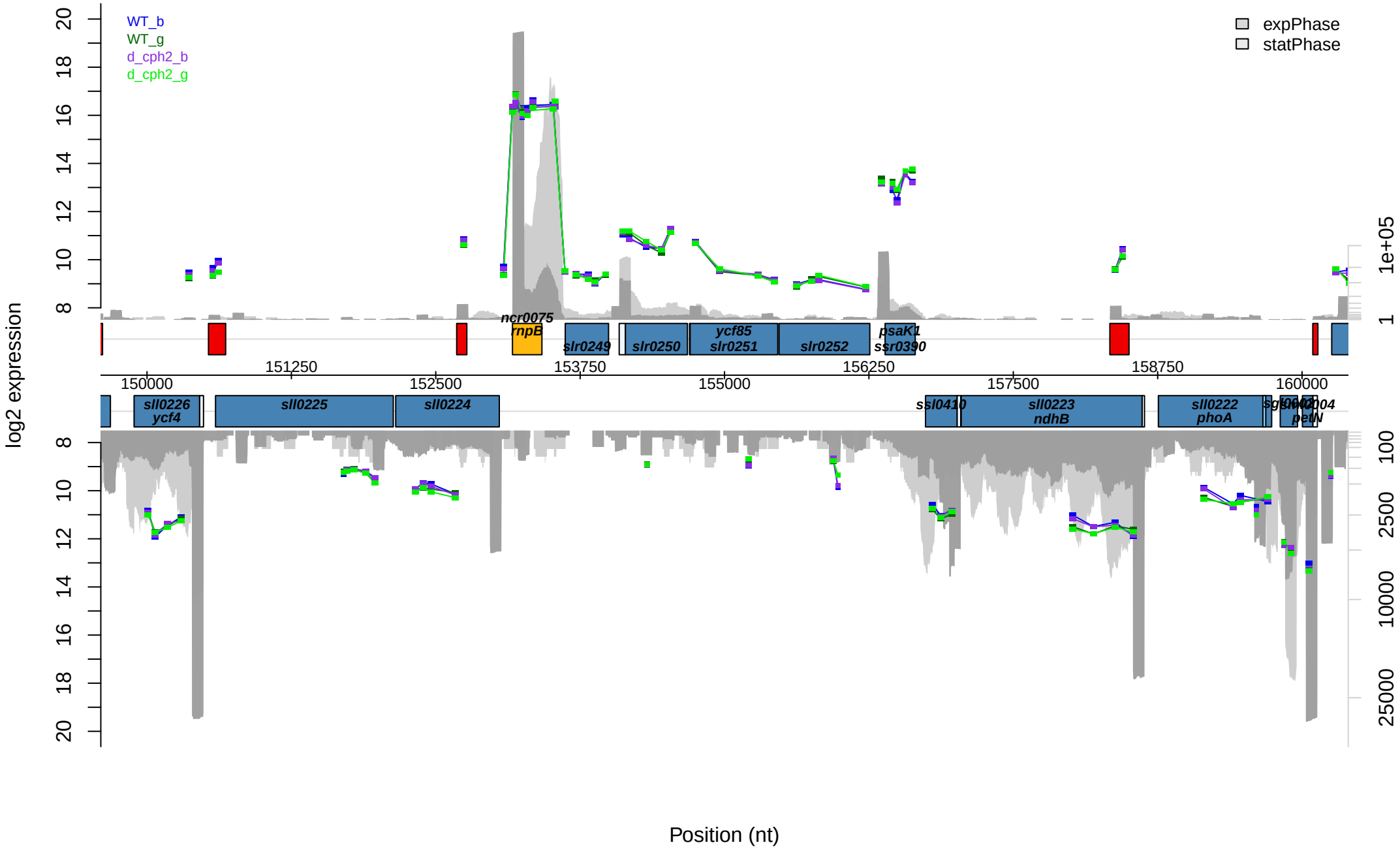

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
me
slr0721
ncr0030ncr0040
smr0012
slr0722
slr0723
sll0712
cysM
sll0711
sll0710
sll0709
llaL2
SyR8
ncl0030
sll0708
ksgA
1e+05
101250
102500
103750
105000
106250
107500
108750
110000

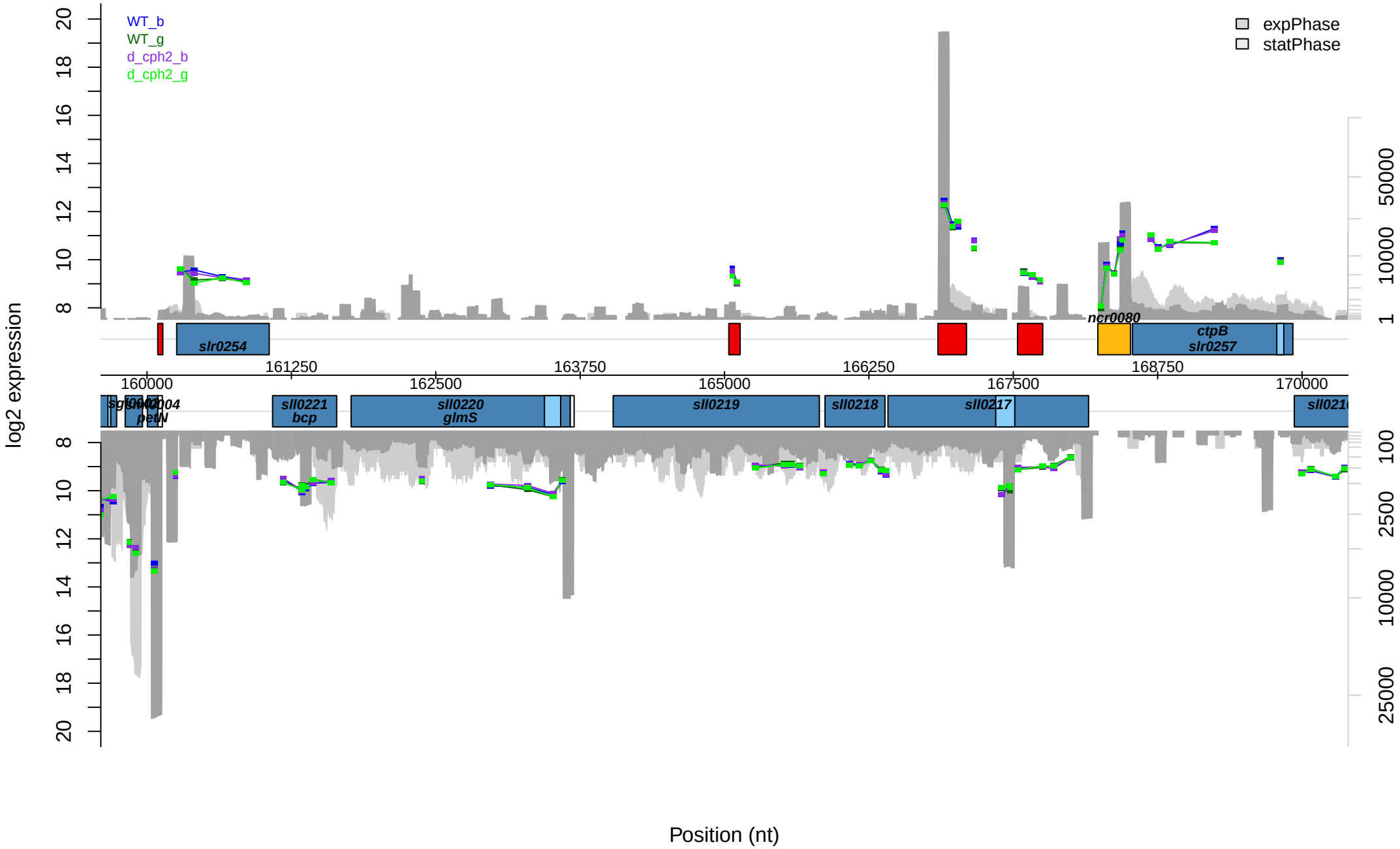

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0050
sohA
slr0723
slr0724
slr0725
slr0727
slr0728
slr0729
slr0730
slr0731
slr0732
sll0704
nifS
sll0703
sll0702
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116250
117500
118750
120000

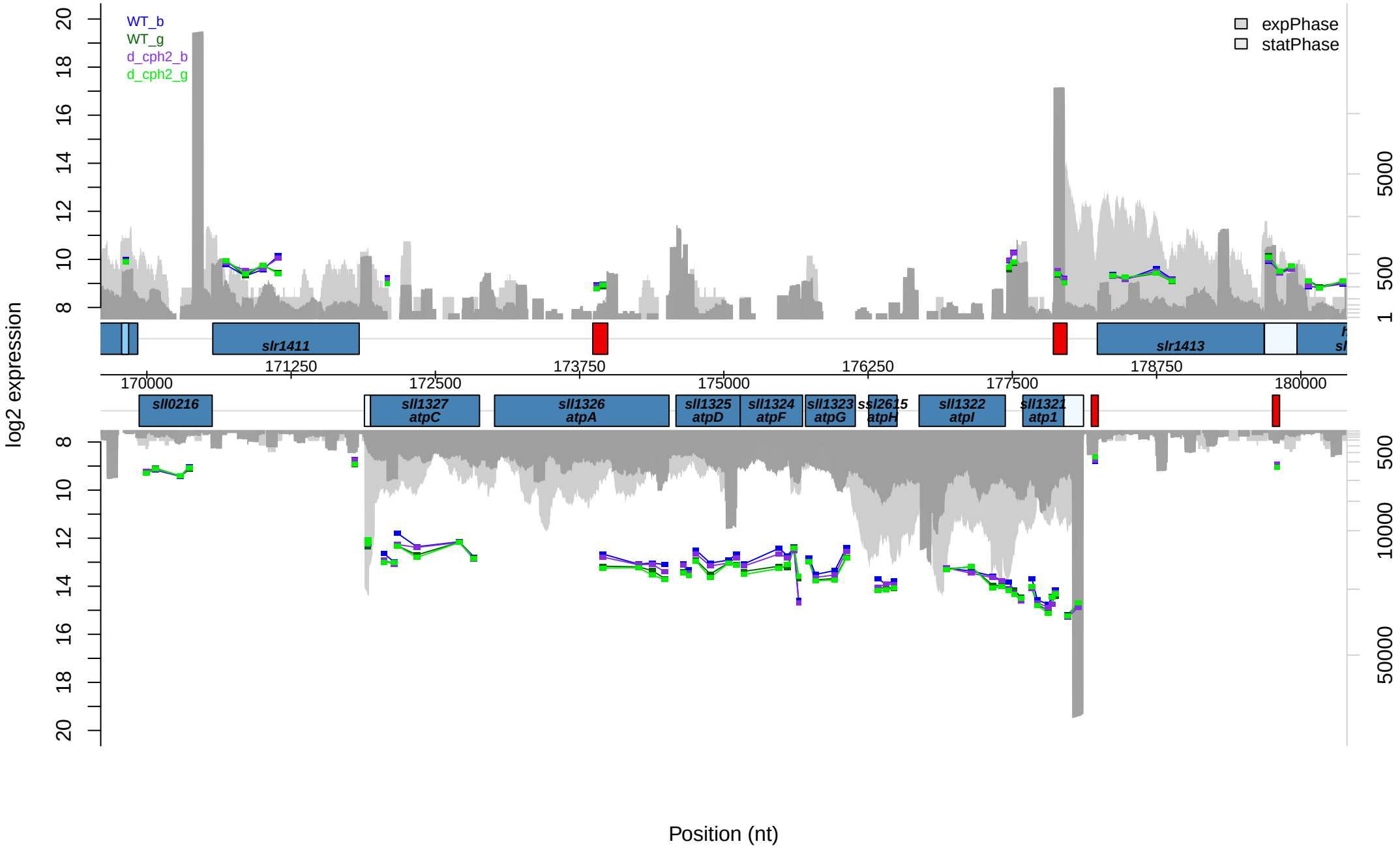

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0060
xerC
slr0733
slr0734
psaD
slr0737
trpE
slr0738
crtE
slr0739
slr0740
sll0702
ssl1328
ssl1326
sll0700
sll0699
sll0698
dspA, dfr, hik33, nblS
120000
121250
122500
123750
125000
126250
127500
128750
130000

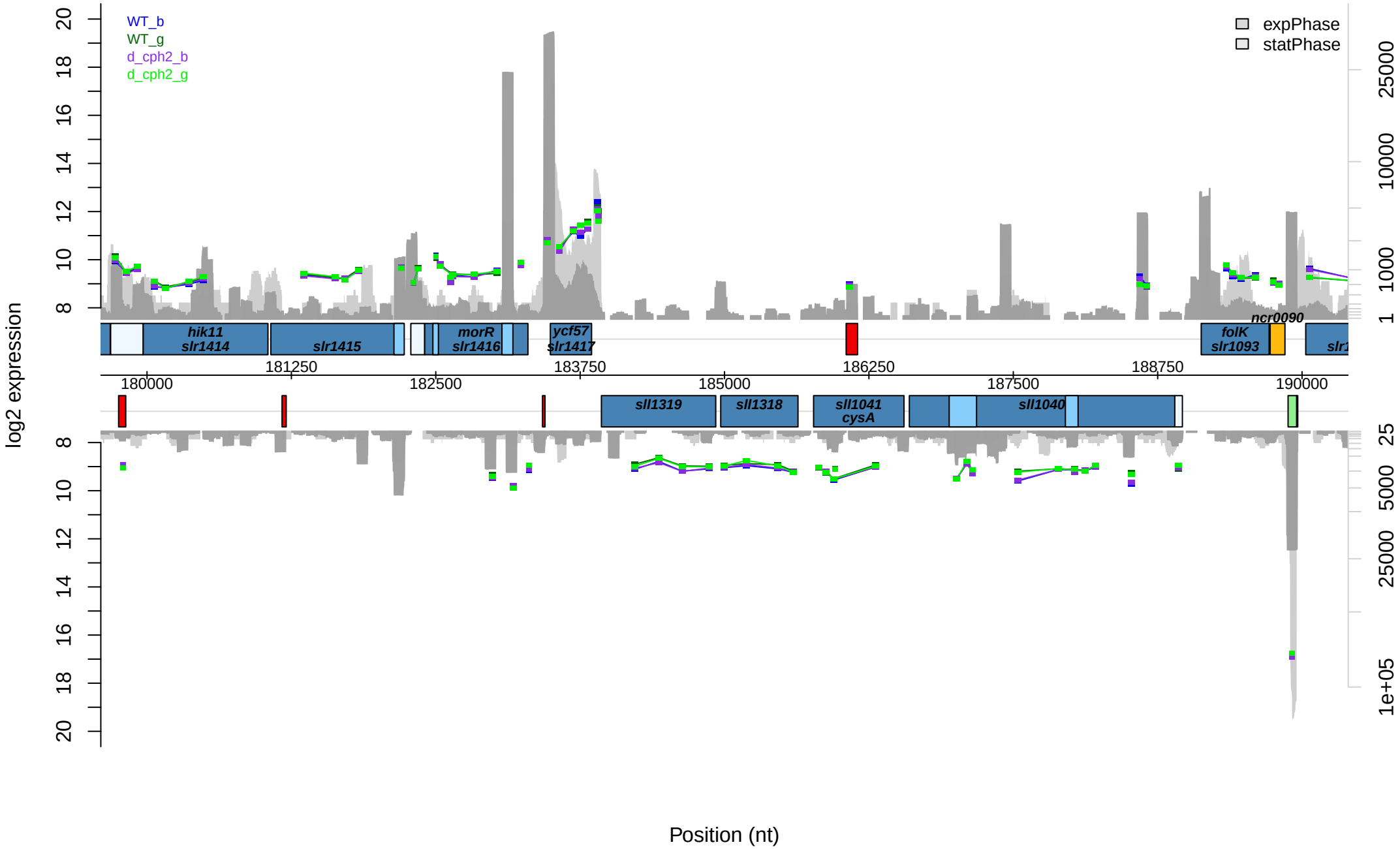

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0740
phoU
slr0741
slr0742
nusA
slr0743
infB
slr0744
slr0236
glgX
slr0237
sll0696
ssl0431
130000
131250
132500
133750
135000
136250
137500
138750
140000

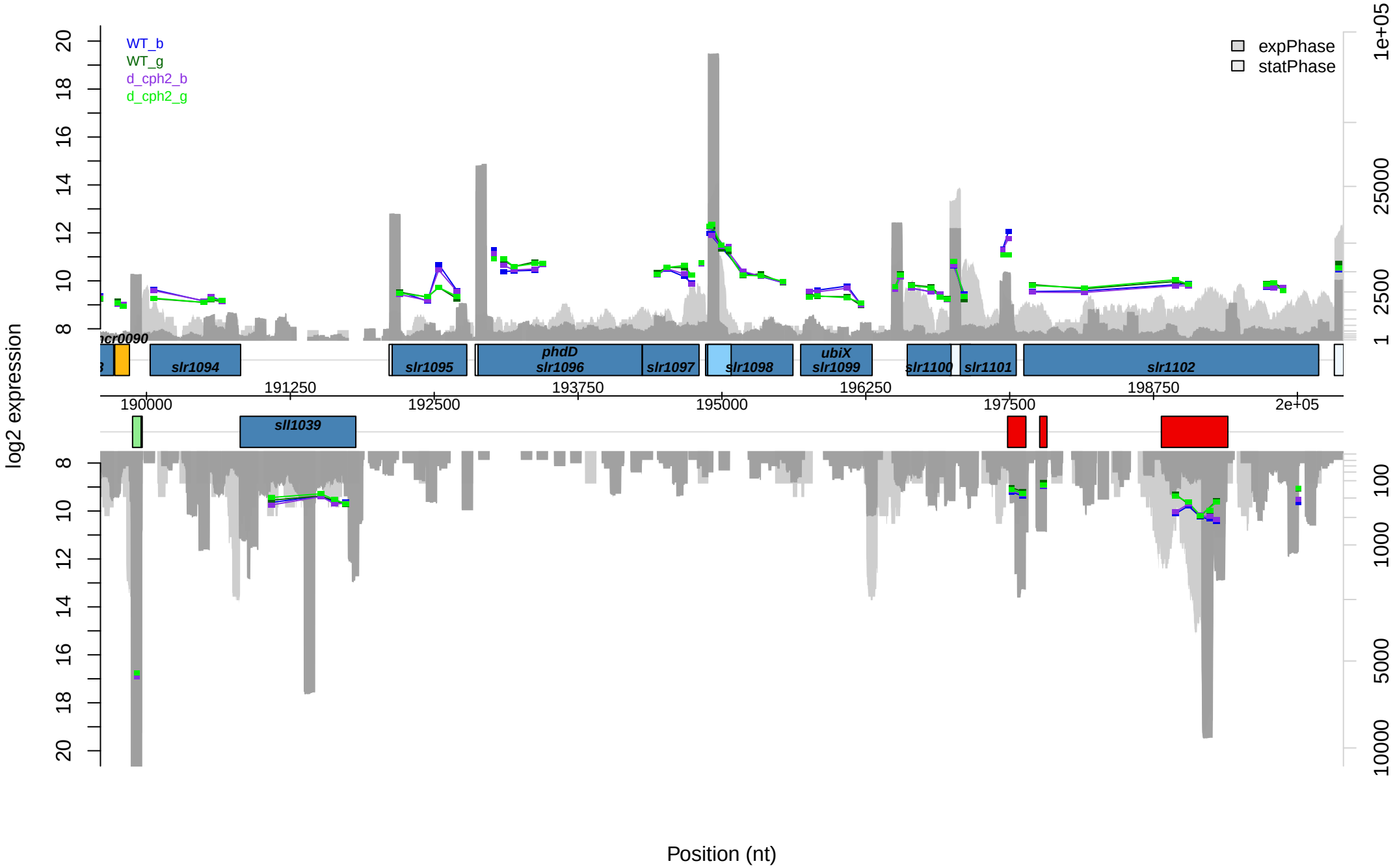

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0070
slr0238
cobM
slr0239
slr0240
slr0241
bcp
slr0242
slr0243
slr0244
slr0245
ssl0426
ncl0040
sll0230
smi0003
psbM
sll0228
speB1
sll0227
ppiB
sll0226
ycf4
140000
141250
142500
143750
145000
146250
147500
148750
150000

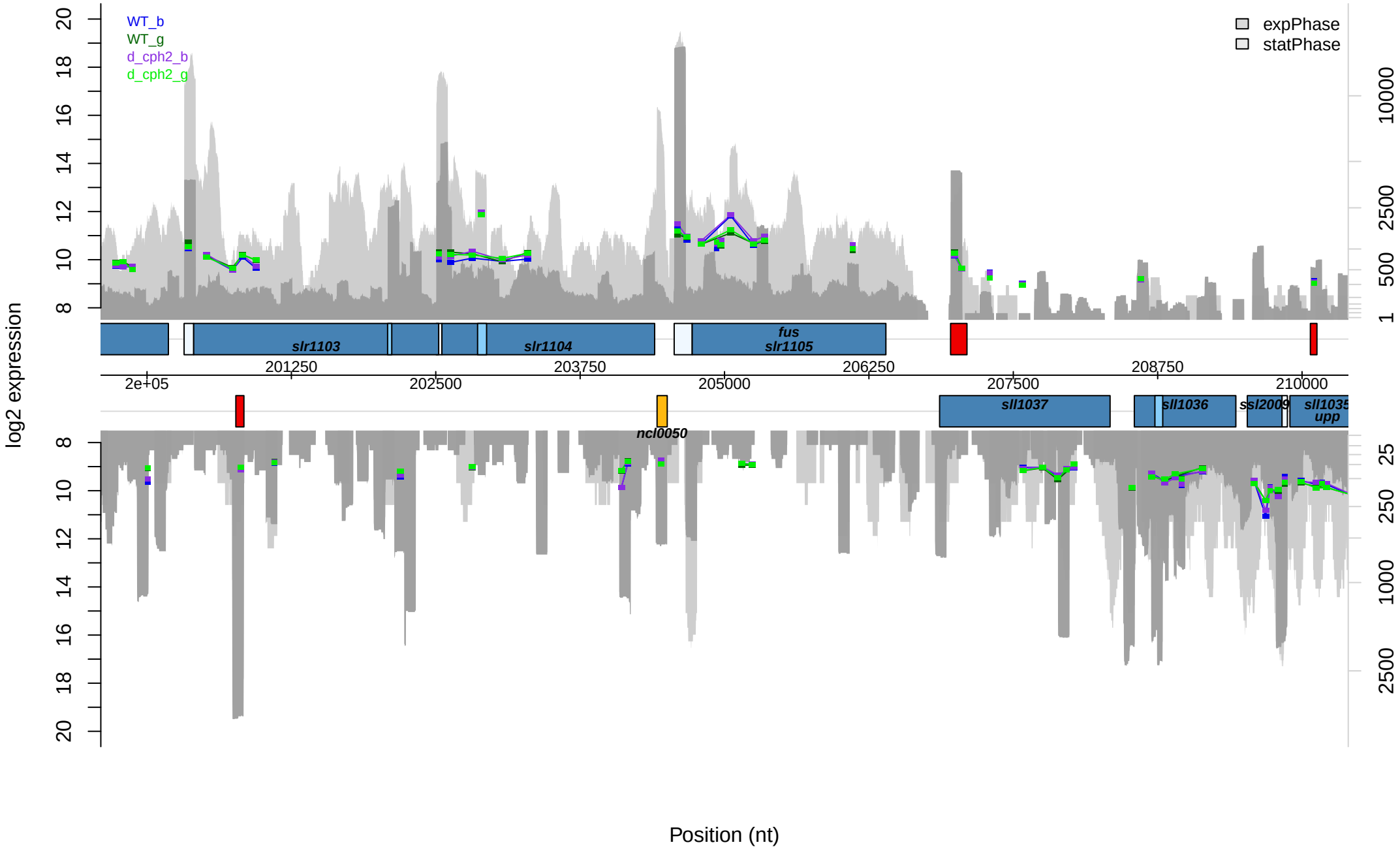

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0075
rnpB
slr0249
slr0250
ycf85
slr0251
slr0252
psaK1
ssr0390
sll0226
ycf4
sll0225
sll0224
ssl0410
sll0223
ndhB
sll0222
phoA
petN
150000
151250
152500
153750
155000
156250
157500
158750
160000

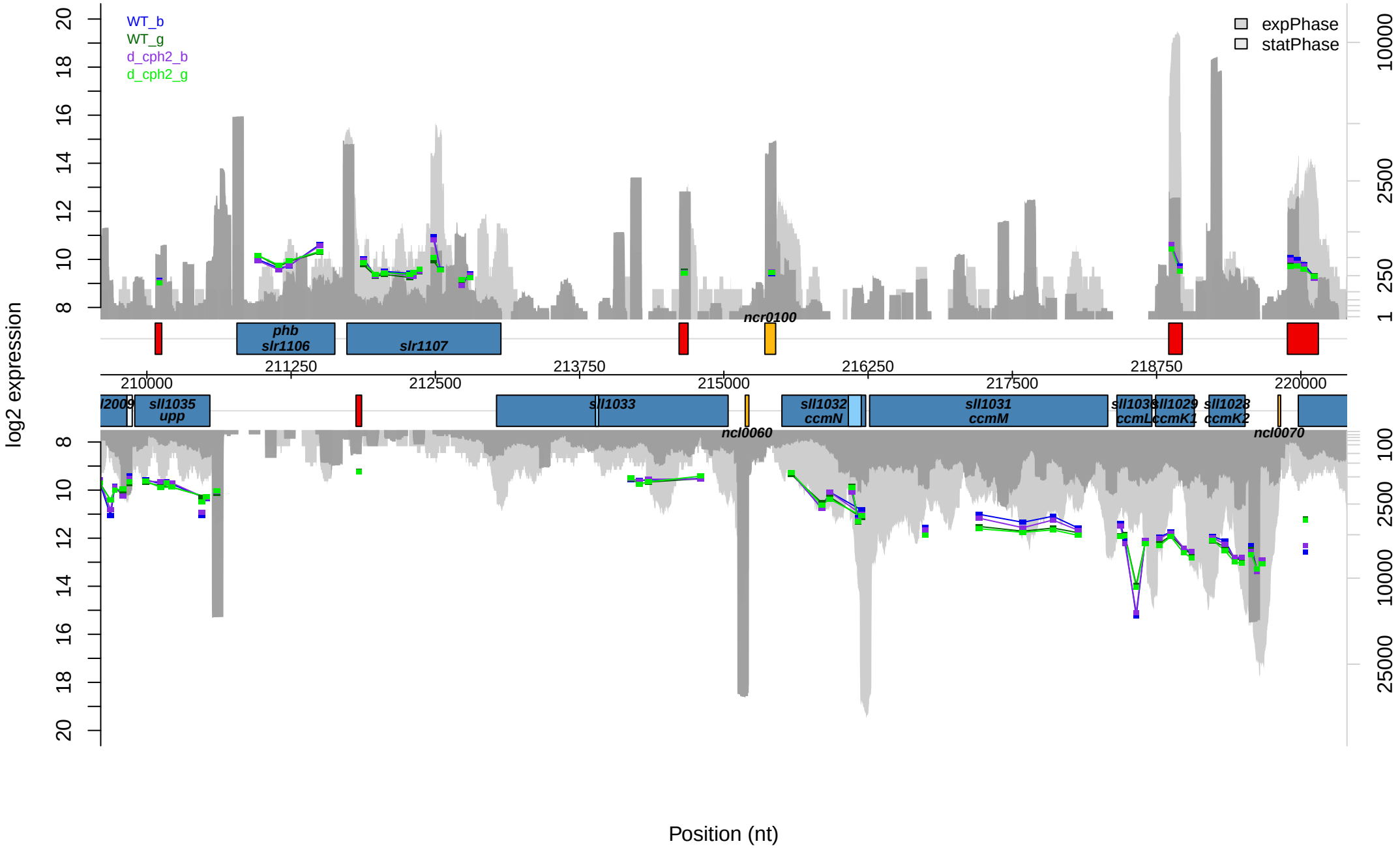

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0254
ncr0080
ctpB
slr0257
petN
sll0221
bcp
sll0220
glmS
sll0219
sll0218
sll0217
160000
161250
162500
163750
165000
166250
167500
168750
170000

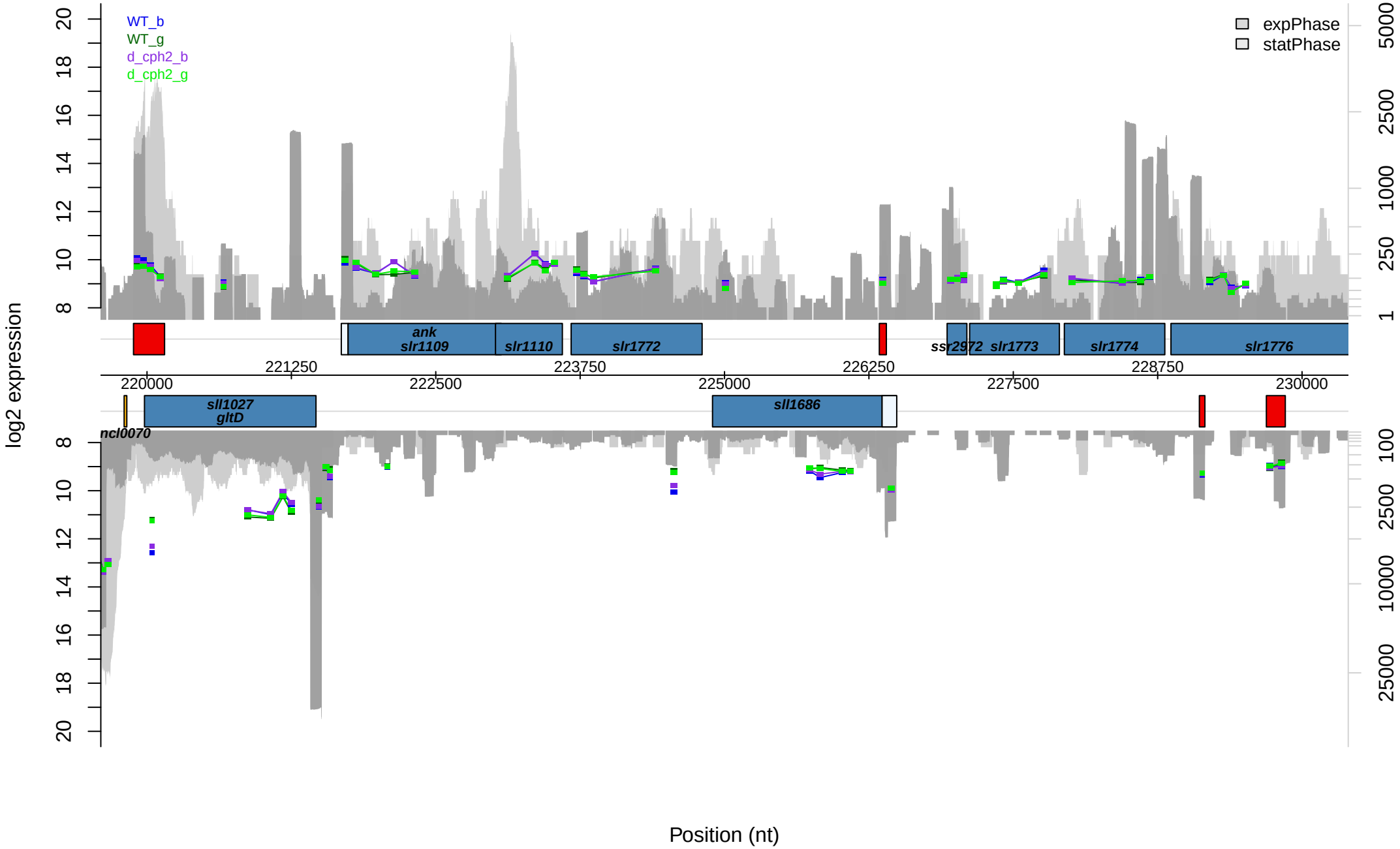

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1411
slr1413
sll0216
sll1327 atpC
sll1326 atpA
sll1325 atpD
sll1324 atpF
sll1323 atpG
ssl2615 atpH
sll1322 atpI
sll1321 atp1
170000
171250
172500
173750
175000
176250
177500
178750
180000

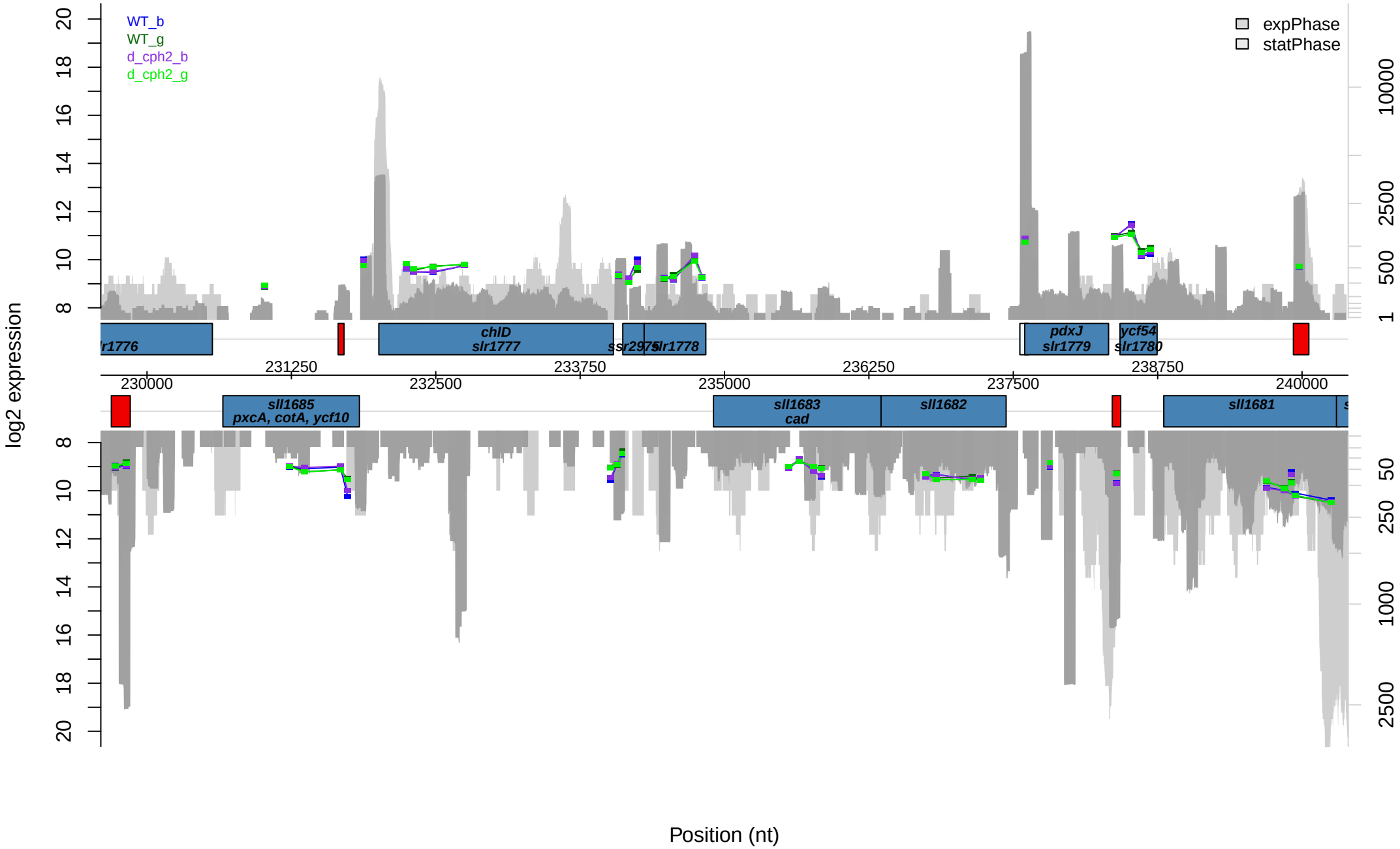

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hik11
slr1414
slr1415
morR
slr1416
ycf57
slr1417
folK
slr1093
ncr0090
sll1319
sll1318
sll1041
cysA
sll1040
180000
181250
182500
183750
185000
186250
187500
188750
190000

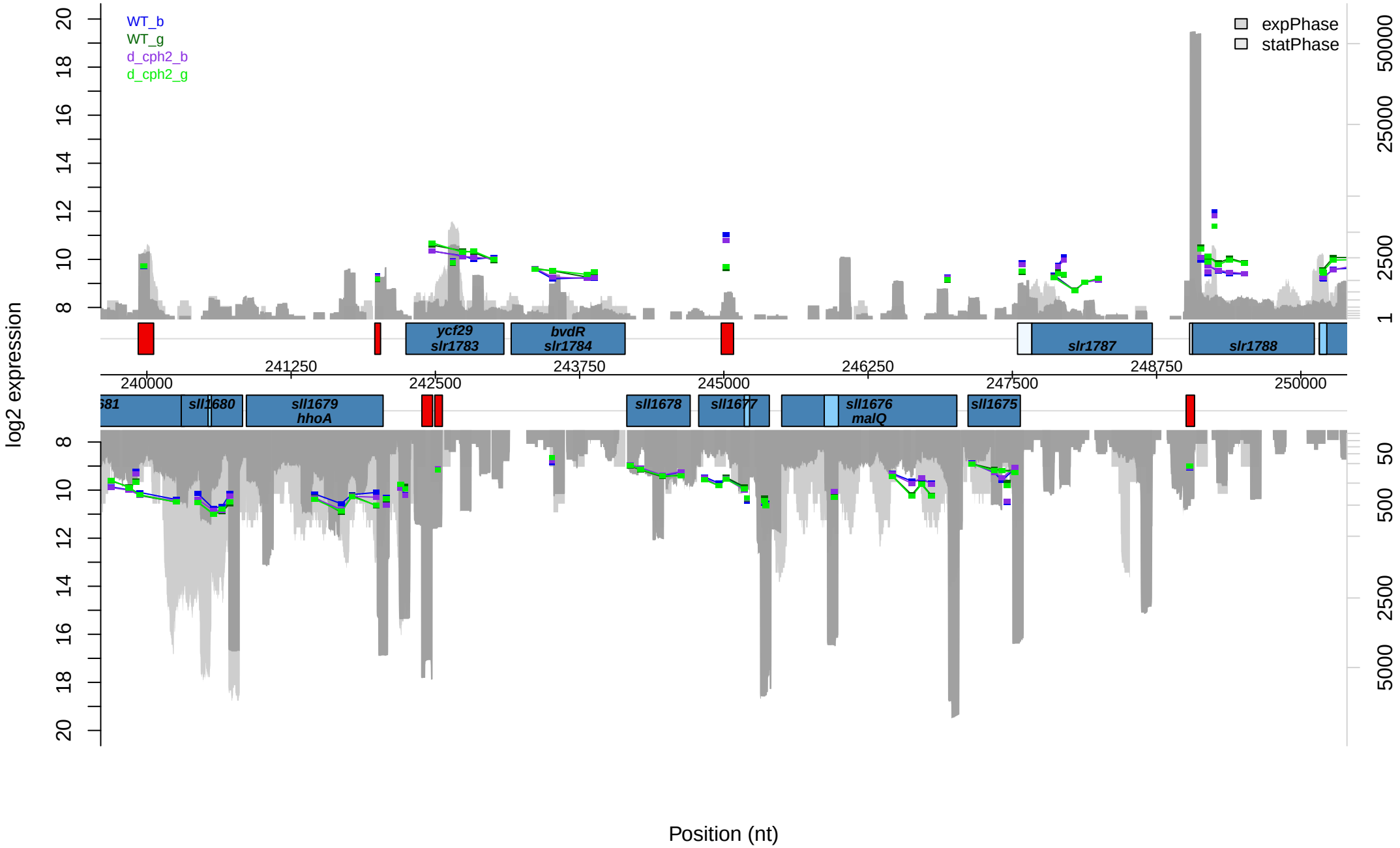

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1094
slr1095
phdD
slr1096
slr1097
slr1098
ubiX
slr1099
slr1100
slr1101
slr1102
sll1039
190000
191250
192500
193750
195000
196250
197500
198750
2e+05

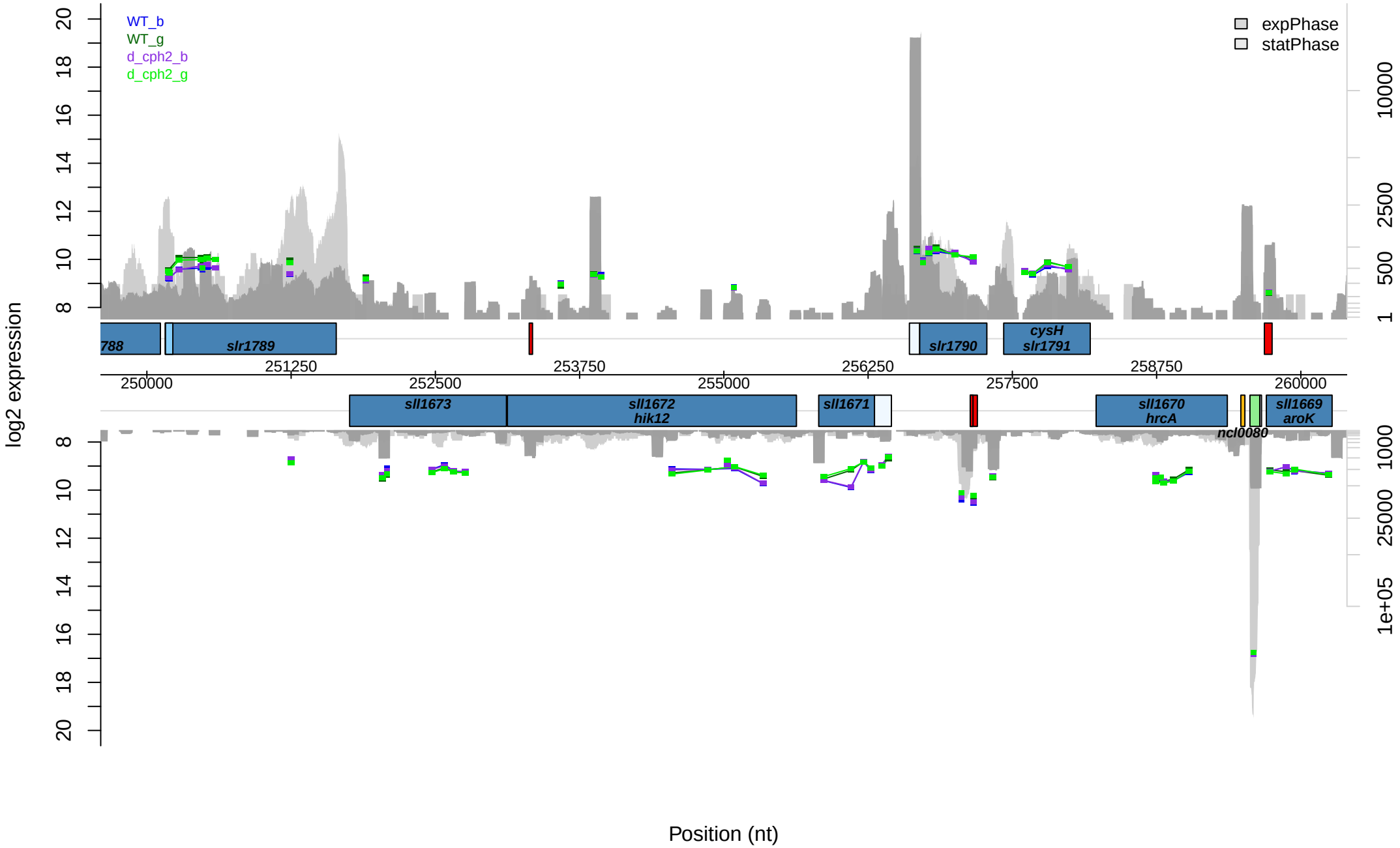

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1103
slr1104
fus
slr1105
ncl0050
sll1037
sll1036
ssl2009
sll1035
upp
2e+05
201250
202500
203750
205000
206250
207500
208750
210000

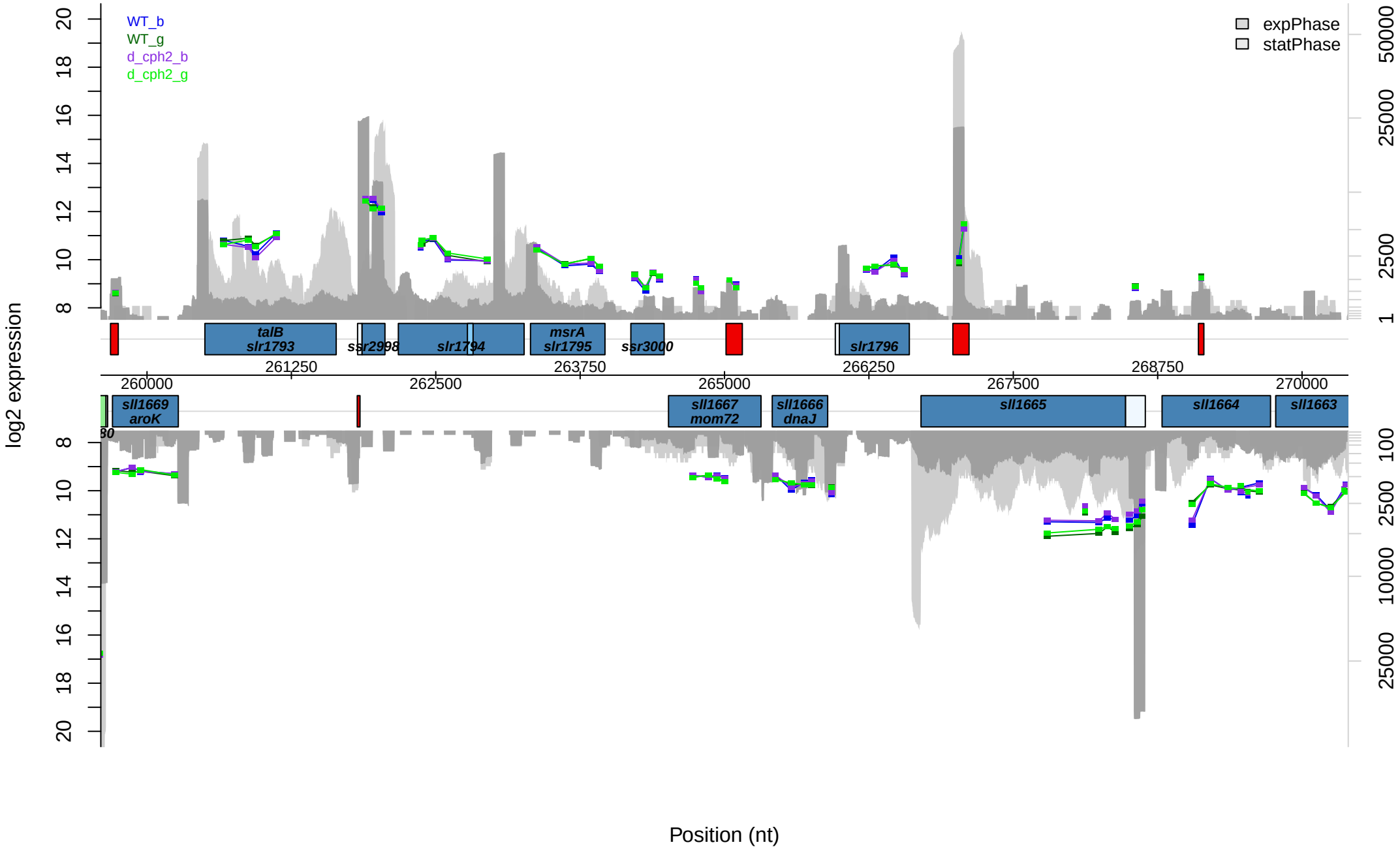

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
phb
slr1106
slr1107
ncr0100
sll1035
upp
sll1033
sll1032
ccmN
sll1031
ccmM
sll1030
ccmL
sll1029
ccmK1
sll1028
ccmK2
ncl0060
ncl0070
210000
211250
212500
213750
215000
216250
217500
218750
220000

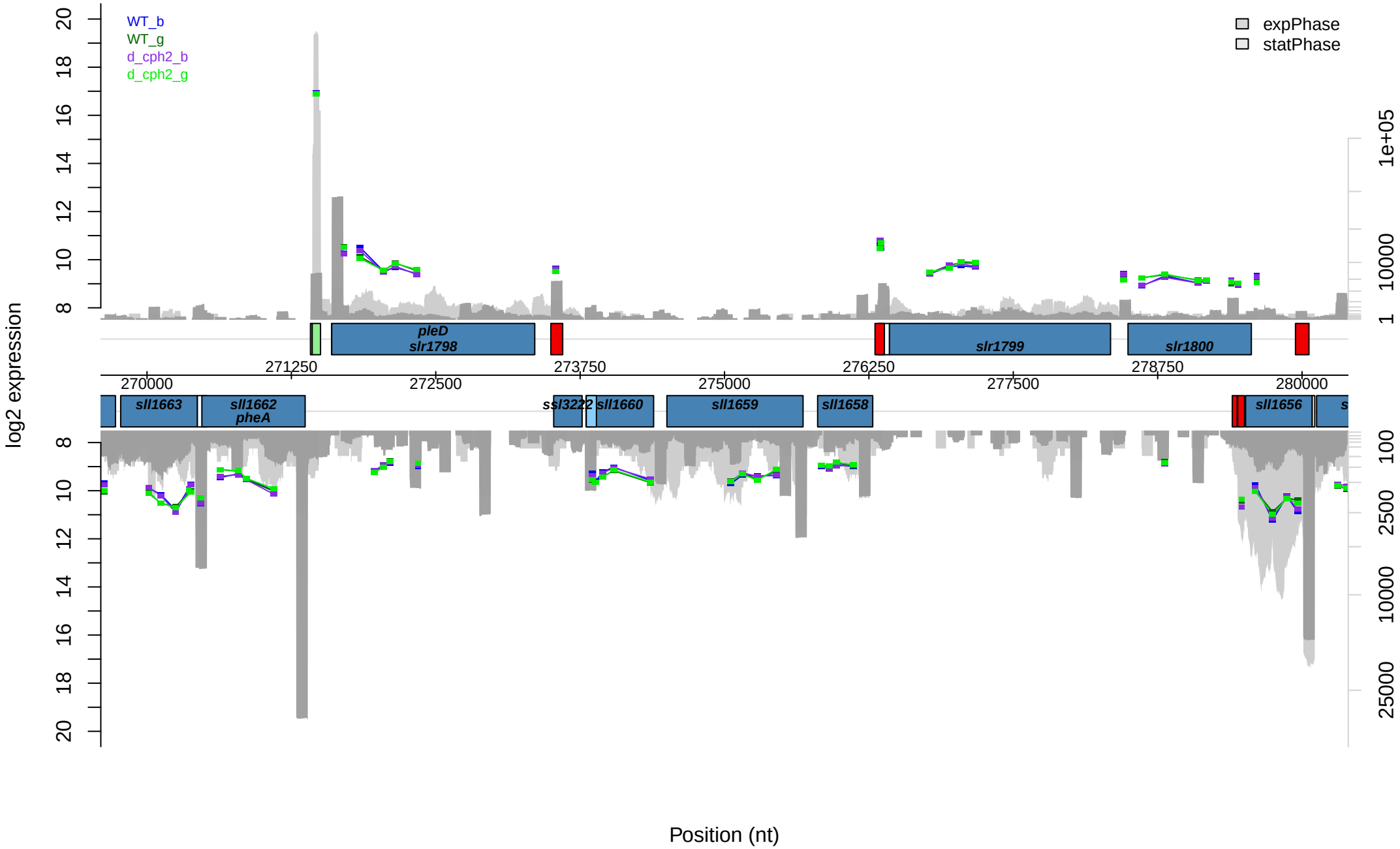

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ank
slr1109
slr1110
slr1772
ssr2972
slr1773
slr1774
slr1776
sll1027
gltD
sll1686
ncl0070
220000
221250
222500
223750
225000
226250
227500
228750
230000

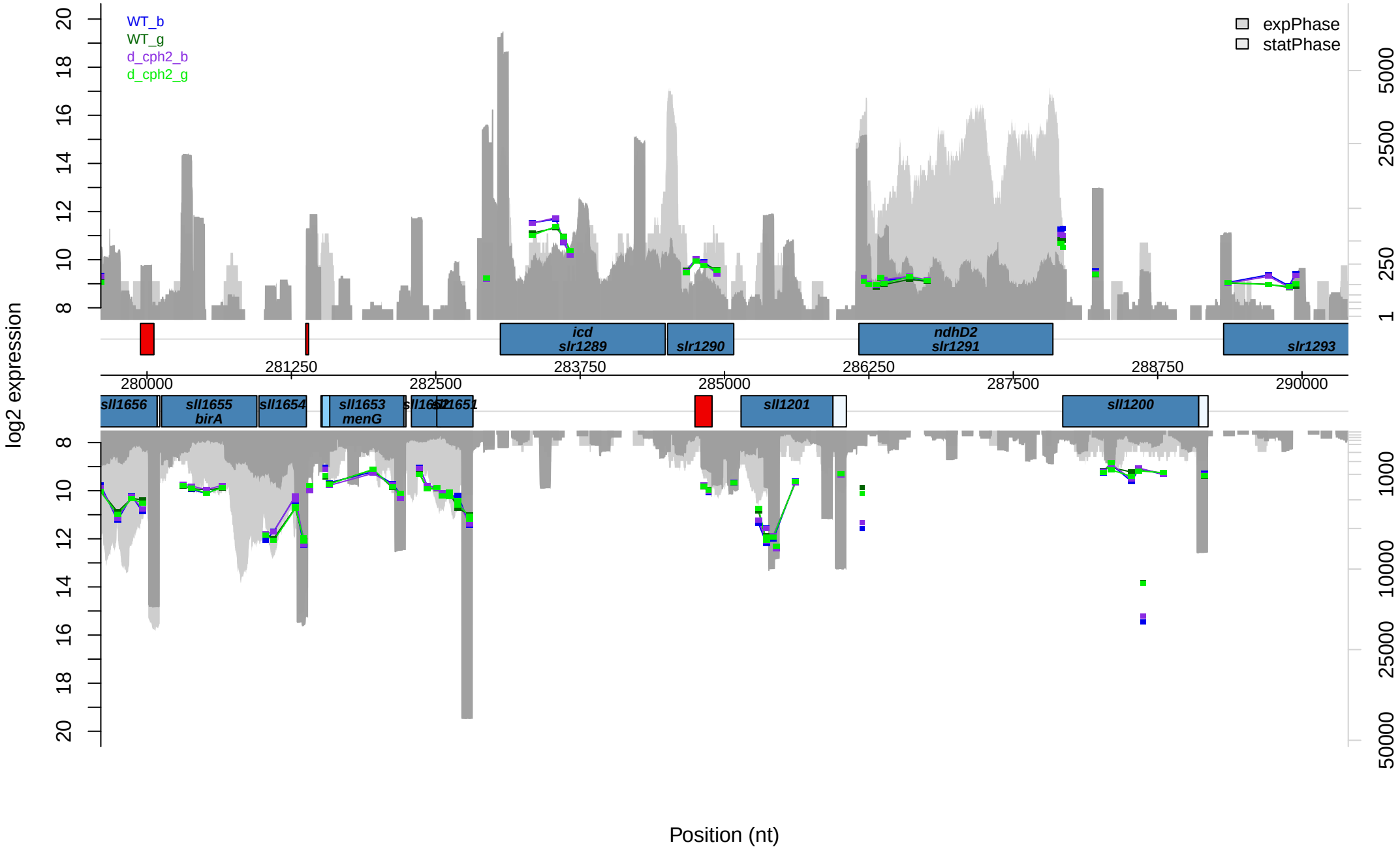

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
chlD
slr1777
ssr2975
slr1778
pdxJ
slr1779
ycf54
slr1780
sll1685
pxcA, cotA, ycf10
sll1683
cad
sll1682
sll1681
230000
231250
232500
233750
235000
236250
237500
238750
240000

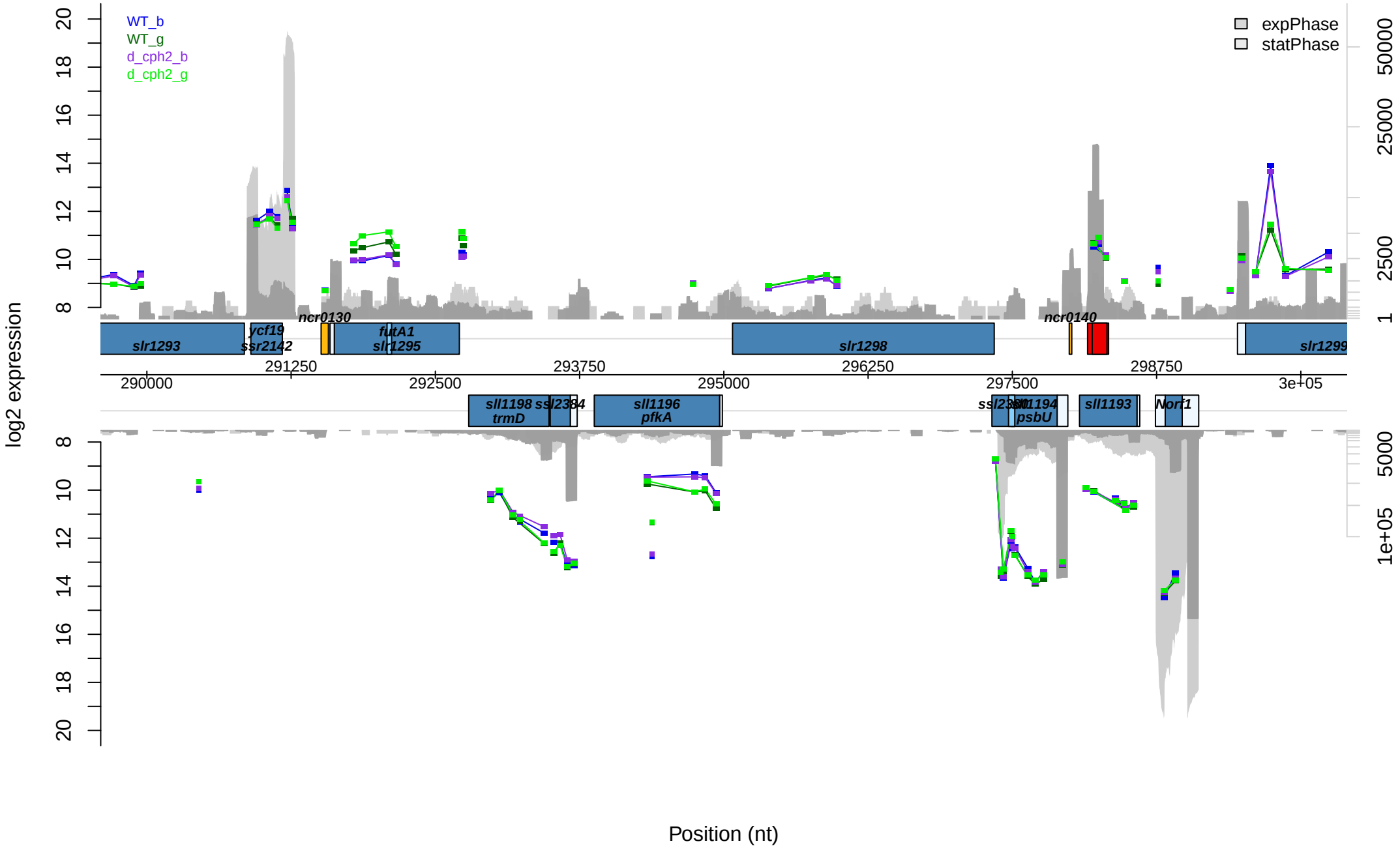

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ycf29
slr1783
bvdR
slr1784
slr1787
slr1788
sll1680
sll1679
hhoA
sll1678
sll1677
sll1676
malQ
sll1675
240000
241250
242500
243750
245000
246250
247500
248750
250000

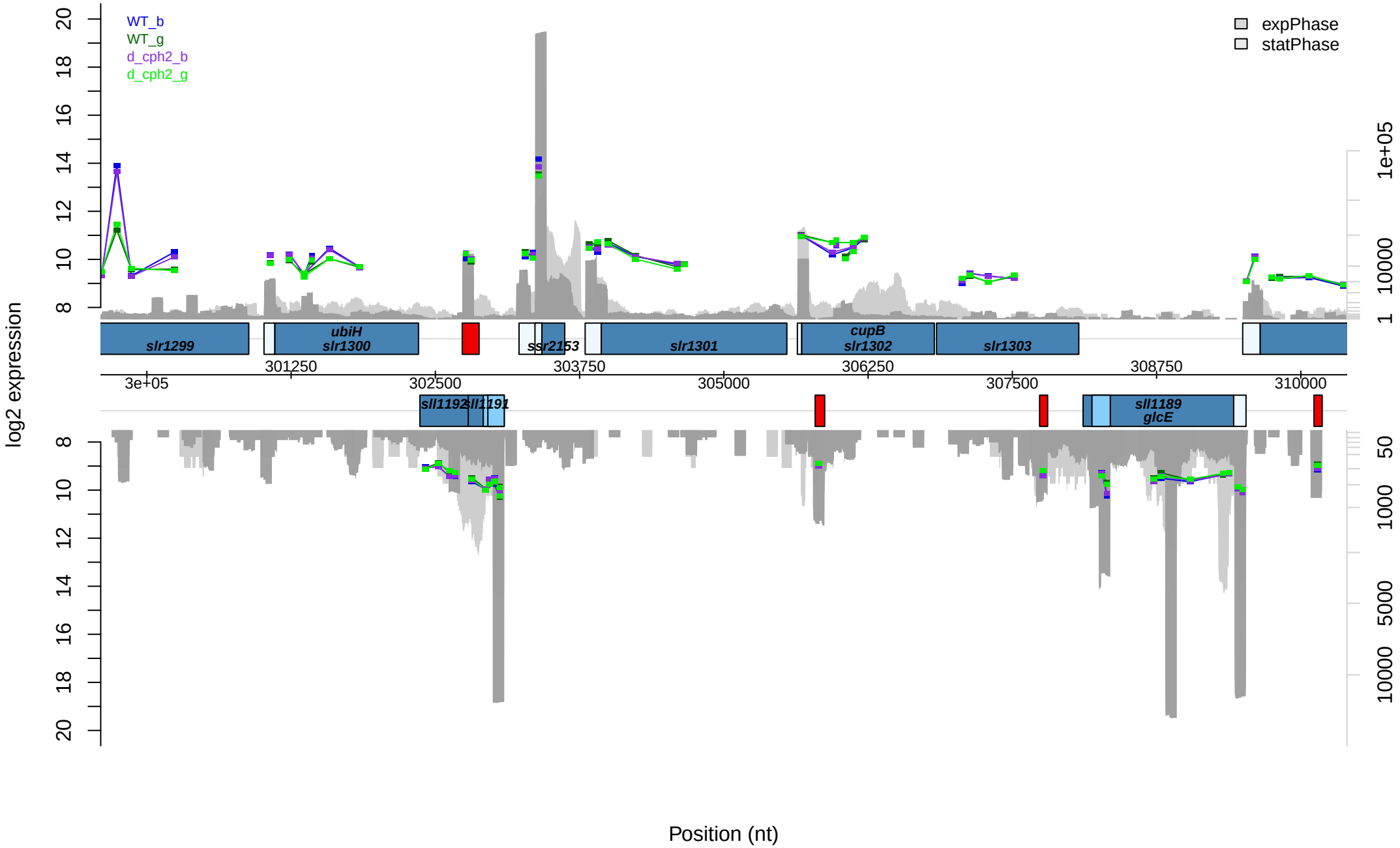

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1789
slr1790
cysH
slr1791
sll1673
sll1672
hik12
sll1671
sll1670
hrcA
sll1669
aroK
ncl0080
250000
251250
252500
253750
255000
256250
257500
258750
260000

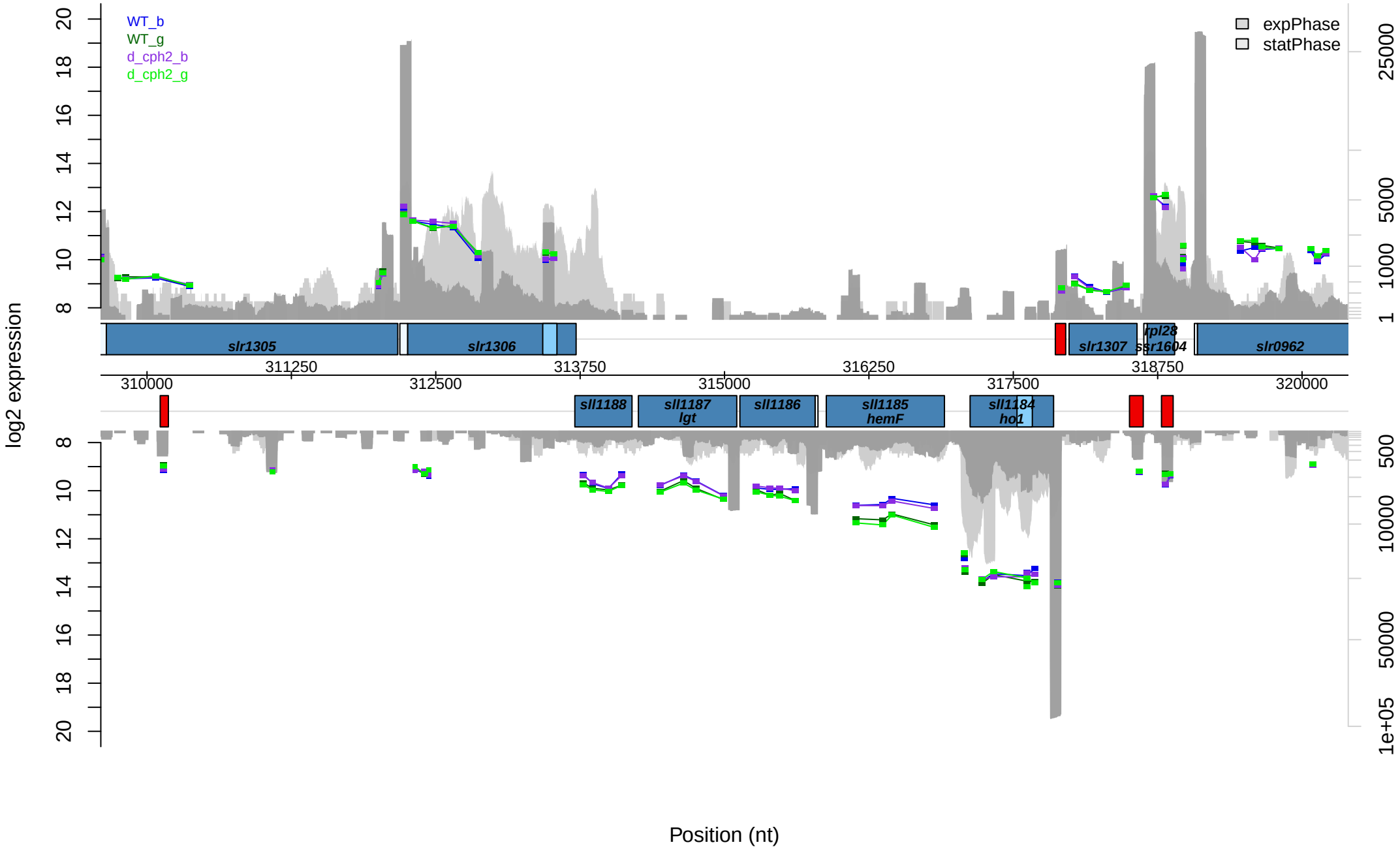

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
talB
slr1793
ssr2998
slr1794
msrA
slr1795
ssr3000
slr1796
sll1669
aroK
sll1667
mom72
sll1666
dnaJ
sll1665
sll1664
sll1663
260000
261250
262500
263750
265000
266250
267500
268750
270000

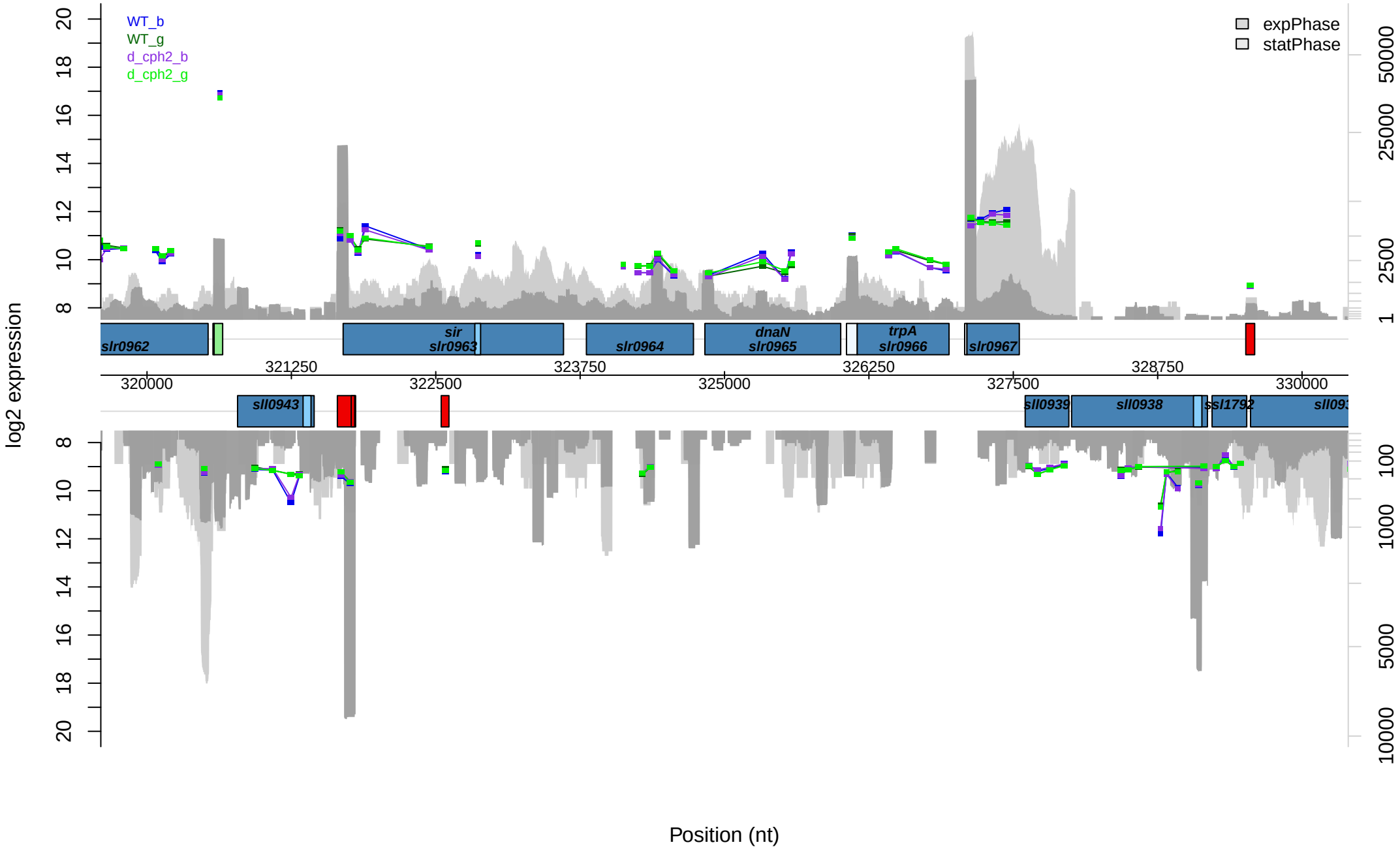

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pleD
slr1798
slr1799
slr1800
sll1663
sll1662
pheA
ssl3222
sll1660
sll1659
sll1658
sll1656
271250
273750
276250
278750
270000
272500
275000
277500
280000

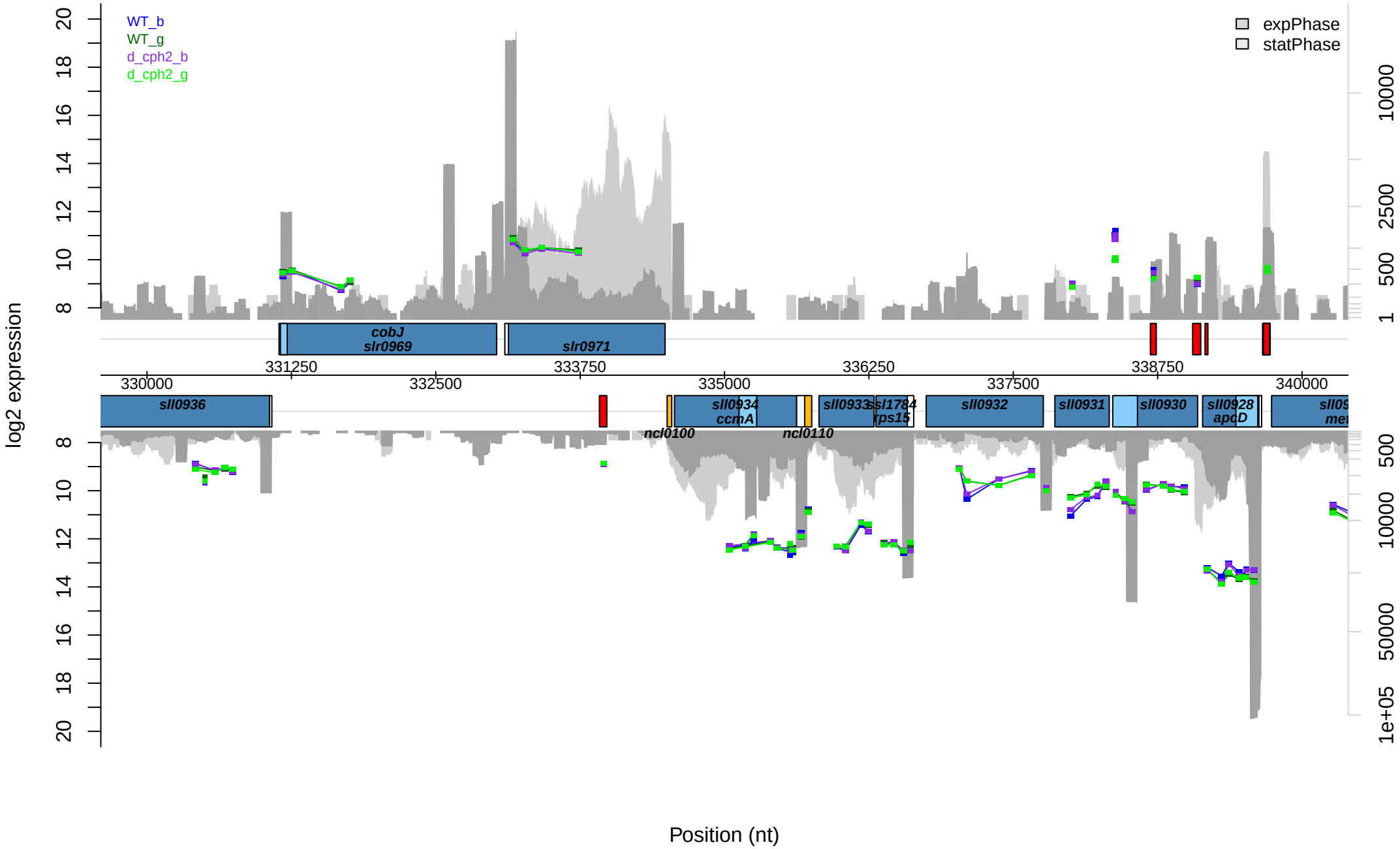

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
icd
slr1289
slr1290
ndhD2
slr1291
slr1293
sll1656
sll1655
birA
sll1654
sll1653
menG
sll1651
sll1201
sll1200
280000
281250
282500
283750
285000
286250
287500
288750
290000

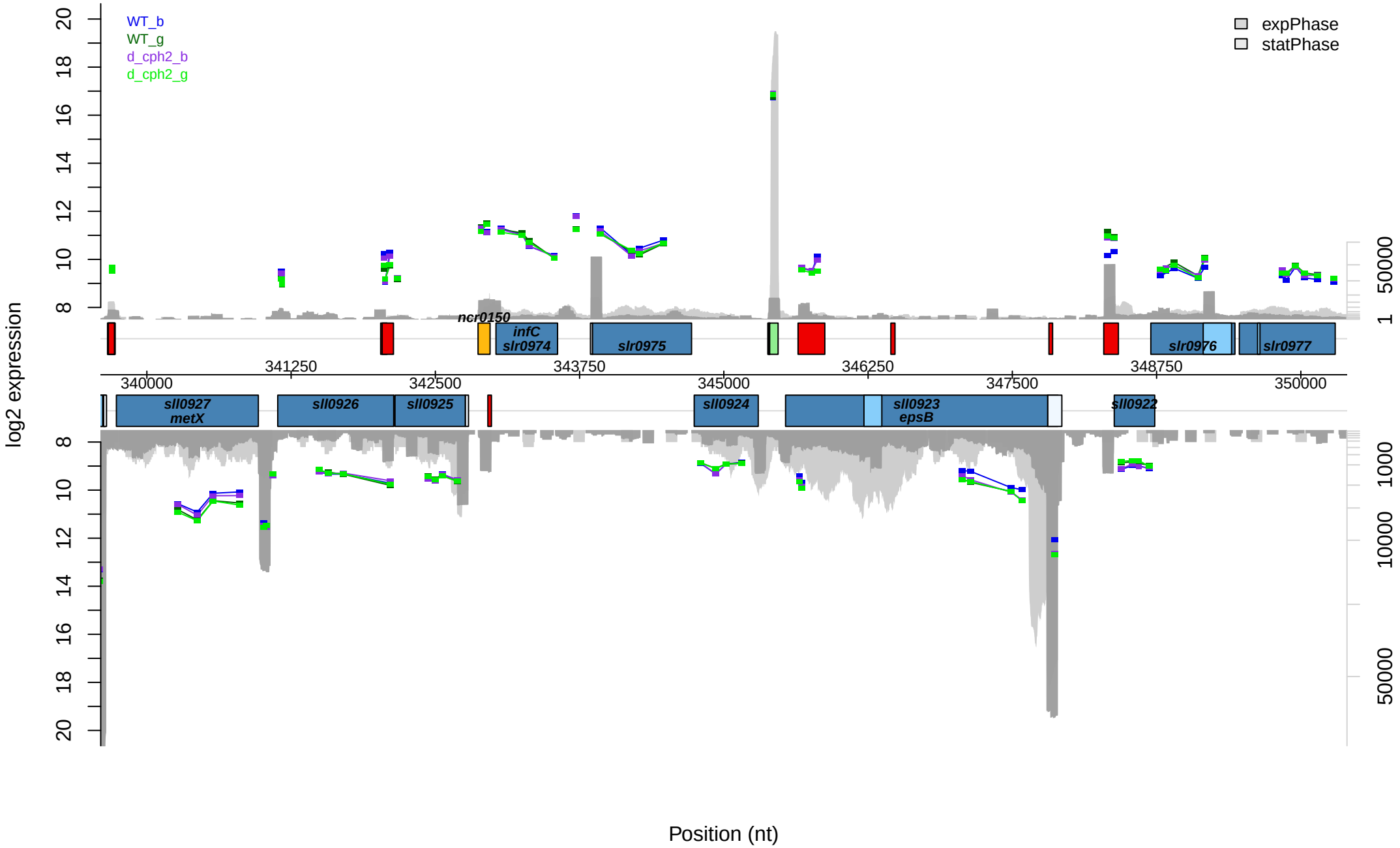

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1293
ycf19
ssr2142
ncr0130
futA1
slr1295
slr1298
ncr0140
slr1299
sll1198
trmD
ssl2384
sll1196
pfkA
psbU
sll1193
Nori1
290000
291250
292500
293750
295000
296250
297500
298750
3e+05

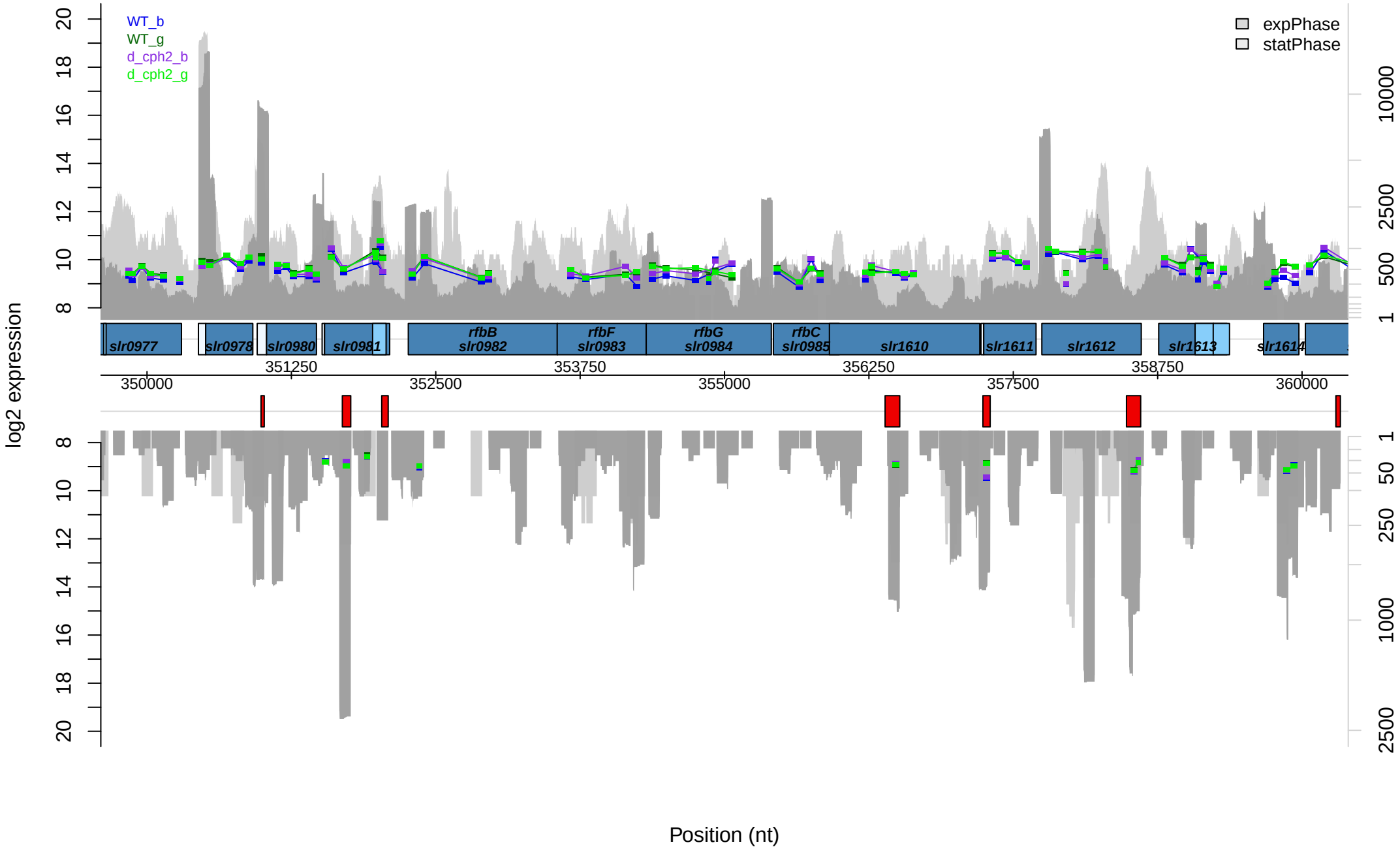

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1299
ubiH
slr1300
ssr2153
slr1301
cupB
slr1302
slr1303
sll1192
sll1191
sll1189
glcE
301250
302500
303750
305000
306250
307500
308750
310000
3e+05

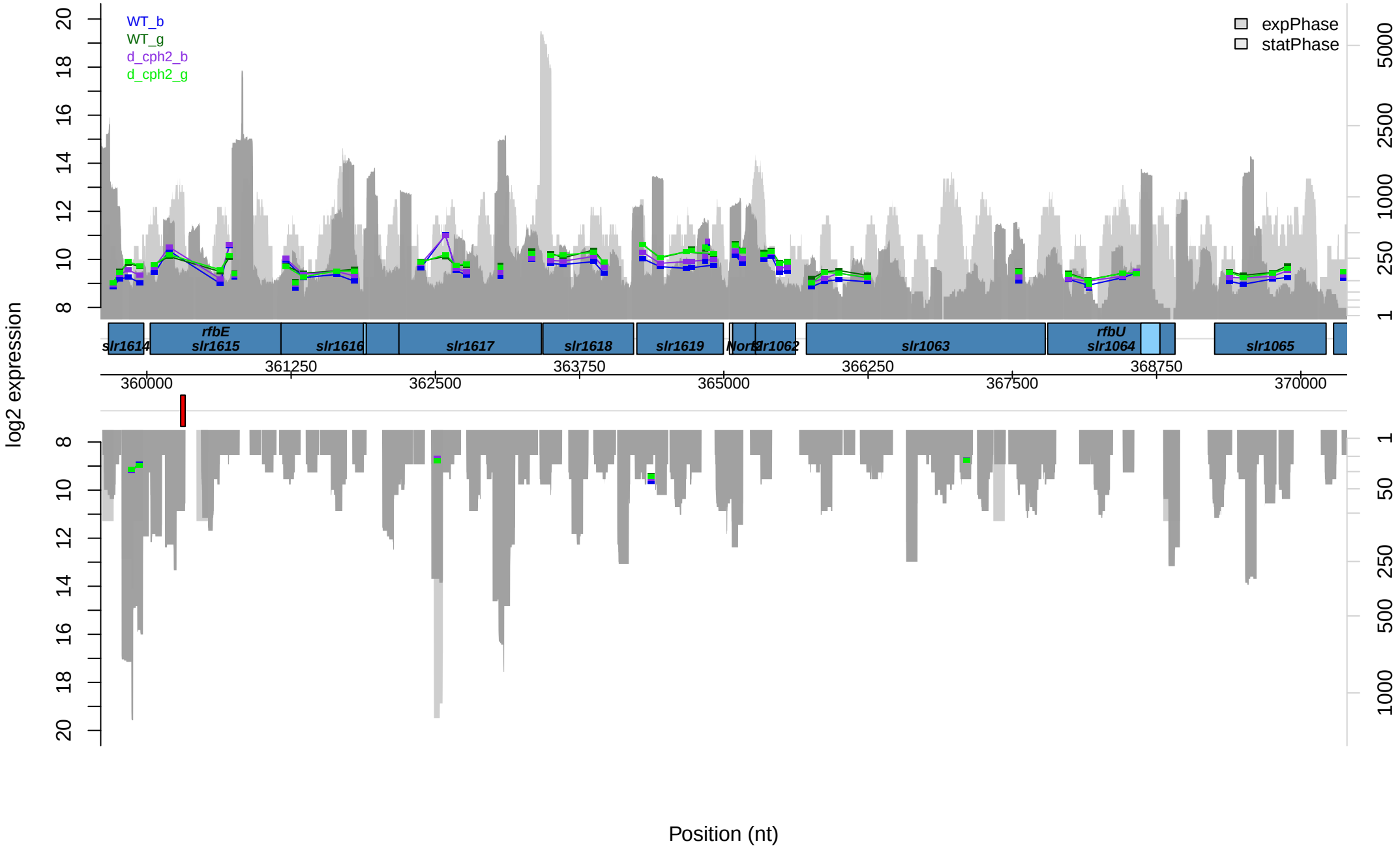

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1305
slr1306
slr1307
rpl28
ssr1604
slr0962
sll1188
sll1187
lgt
sll1186
sll1185
hemF
sll1184
ho1
310000
311250
312500
313750
315000
316250
317500
318750
320000

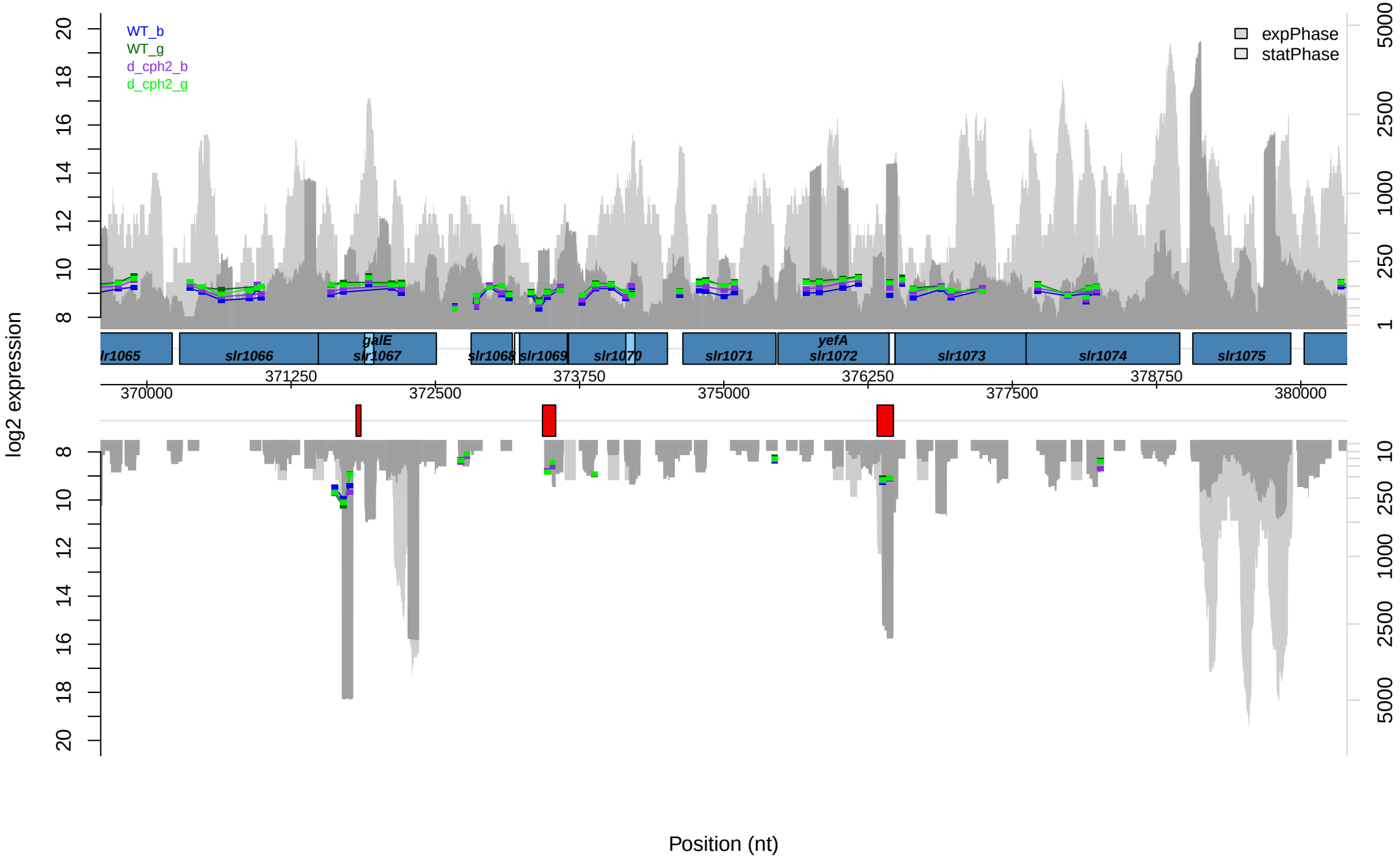

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0962
sir
slr0963
slr0964
dnaN
slr0965
trpA
slr0966
slr0967
sll0943
sll0939
sll0938
ssl1792
320000
321250
322500
323750
325000
326250
327500
328750
330000

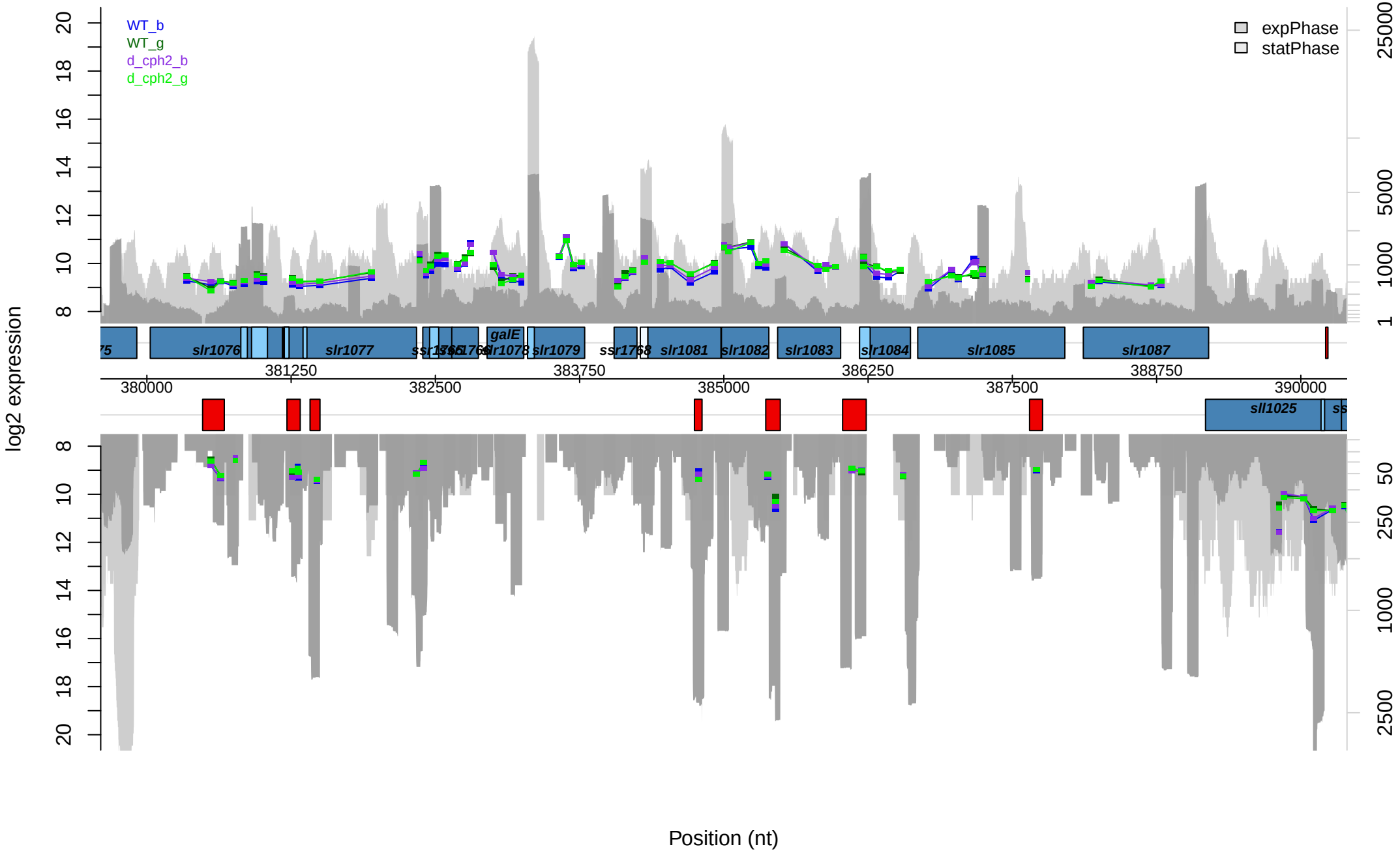

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cobJ
slr0969
slr0971
sll0936
sll0934
ccmA
ncl0100
ncl0110
sll0933
ssl1784
rps15
sll0932
sll0931
sll0930
sll0928
apcD
331250
333750
336250
338750
330000
332500
335000
337500
340000

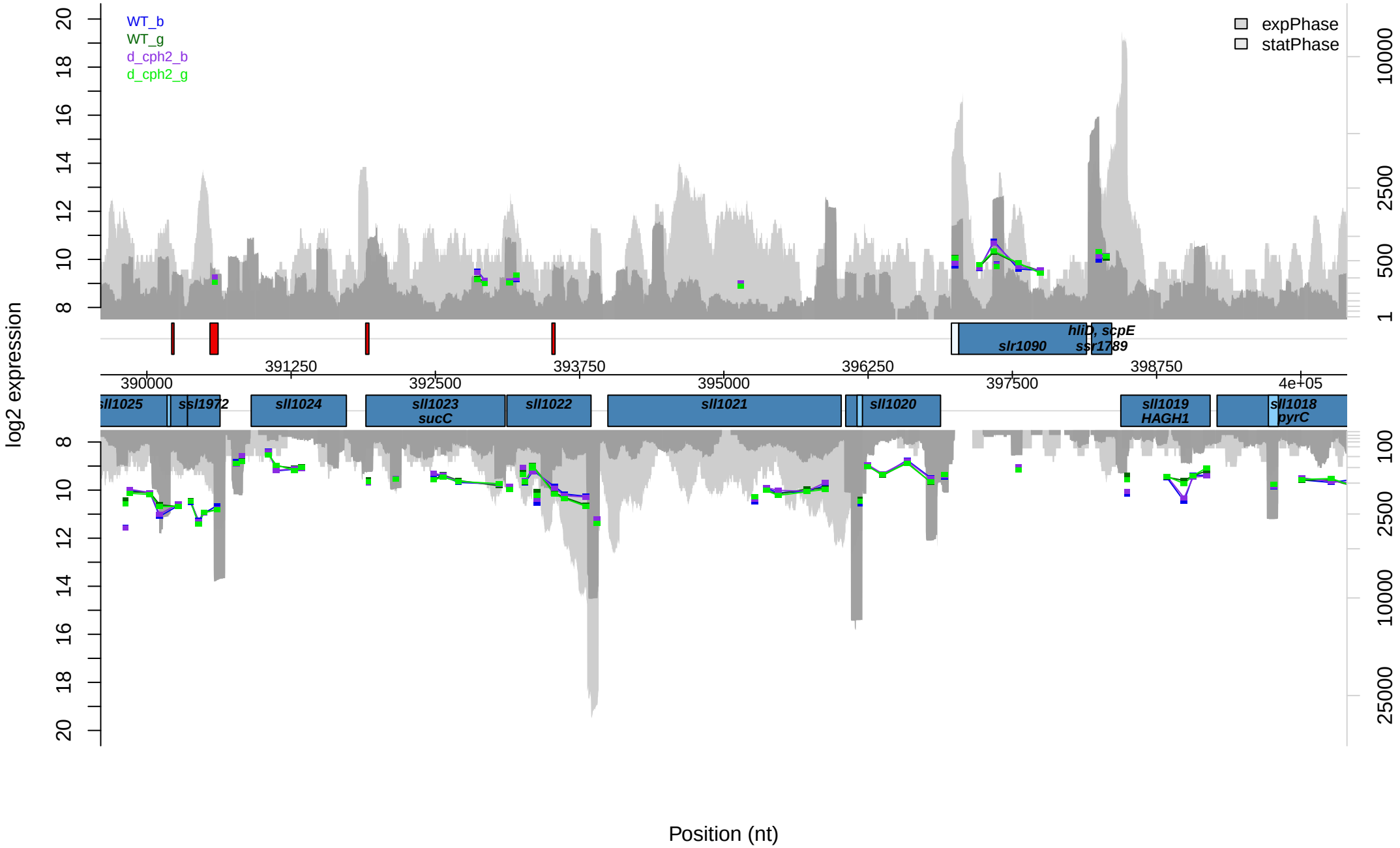

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0150
infC
slr0974
slr0975
slr0976
slr0977
sll0927
metX
sll0926
sll0925
sll0924
sll0923
epsB
sll0922
340000
341250
342500
343750
345000
346250
347500
348750
350000

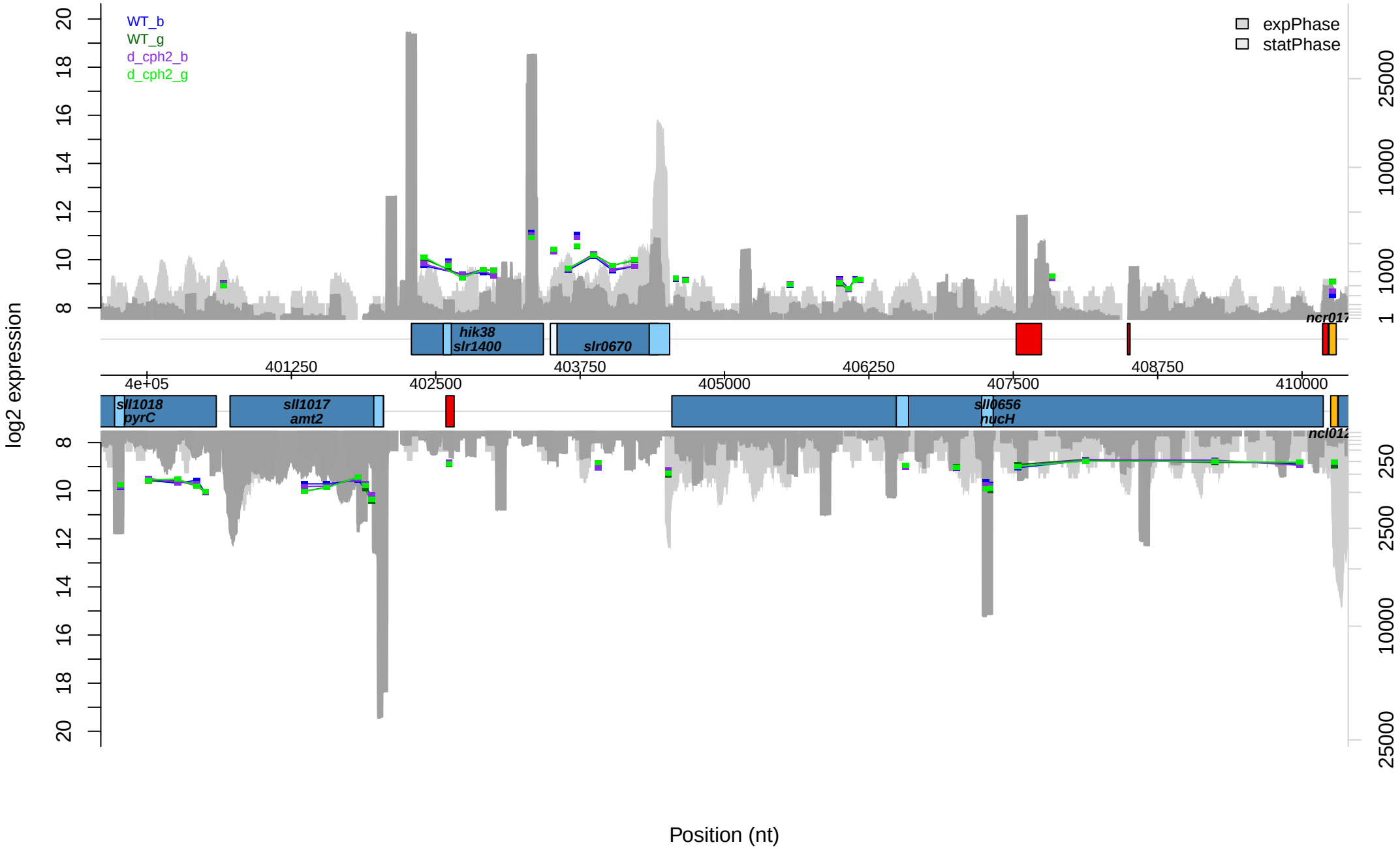

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0977
slr0978
slr0980
slr0981
rfbB
slr0982
rfbF
slr0983
rfbG
slr0984
rfbC
slr0985
slr1610
slr1611
slr1612
slr1613
slr1614
350000
351250
352500
353750
355000
356250
357500
358750
360000

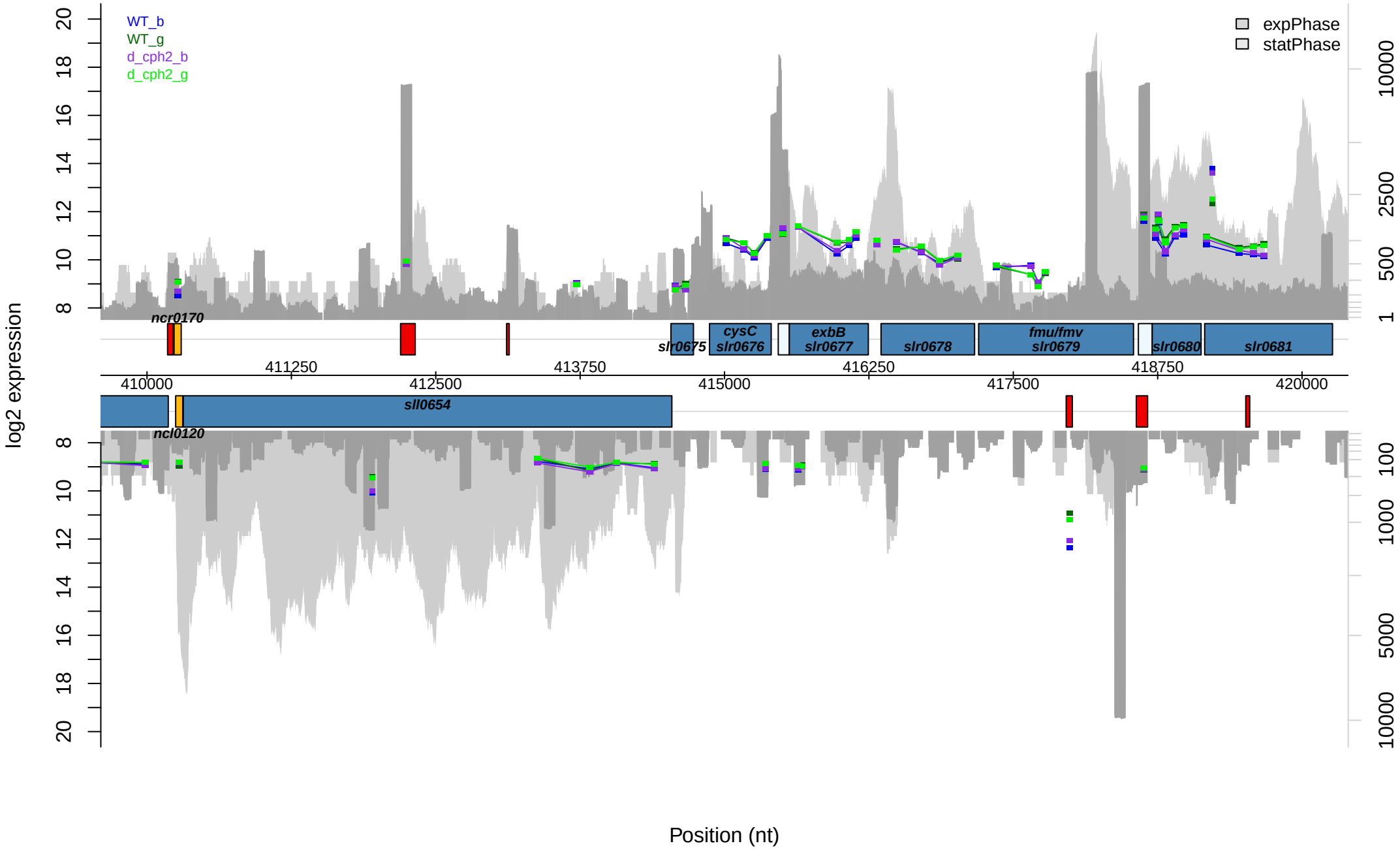

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1614
rfbE
slr1615
slr1616
slr1617
slr1618
slr1619
slr1062
slr1063
rfbU
slr1064
slr1065
360000
361250
362500
363750
365000
366250
367500
368750
370000

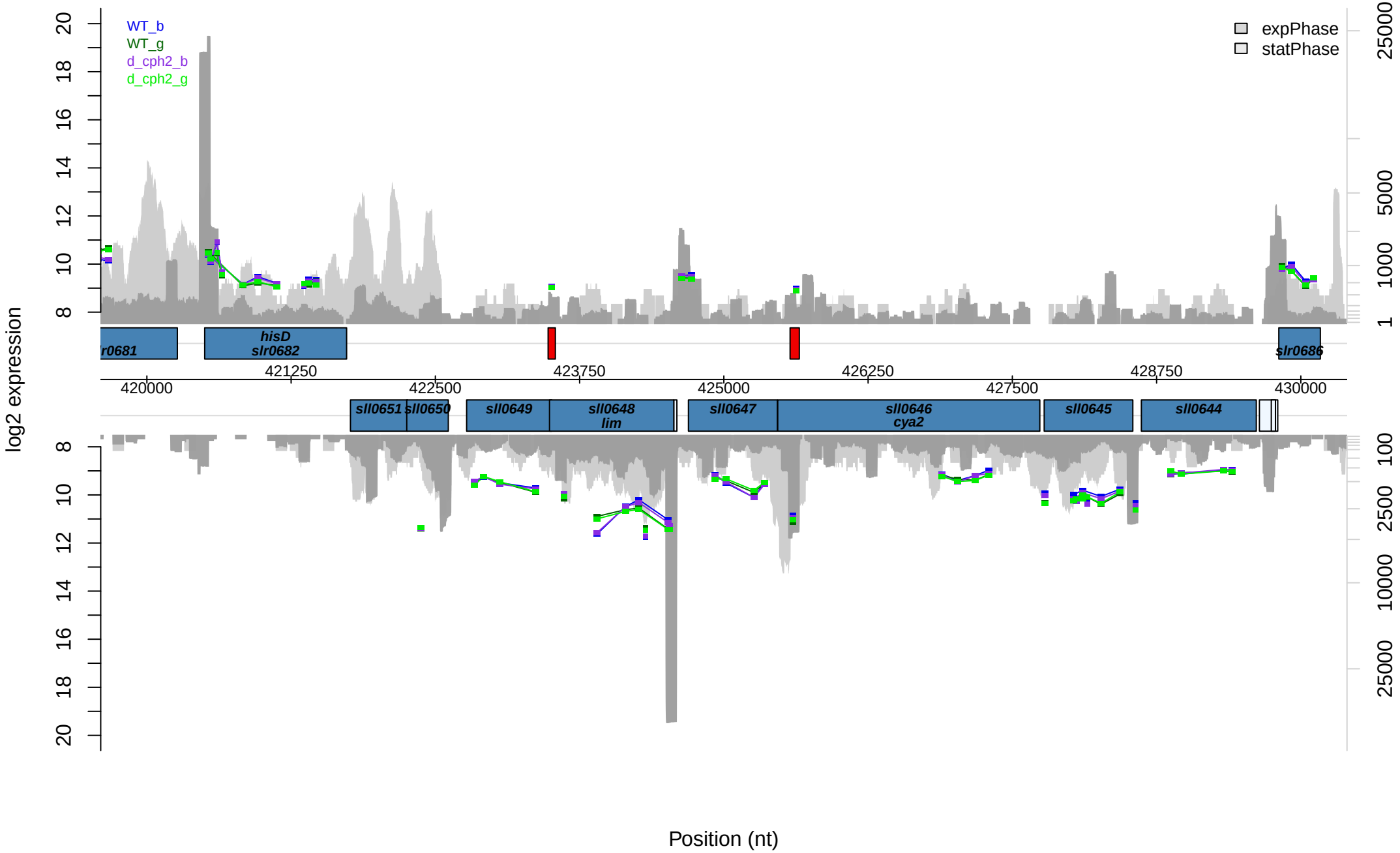

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
lr1065
slr1066
galE
slr1067
slr1068
slr1069
slr1070
slr1071
yefA
slr1072
slr1073
slr1074
slr1075
370000
371250
372500
373750
375000
376250
377500
378750
380000

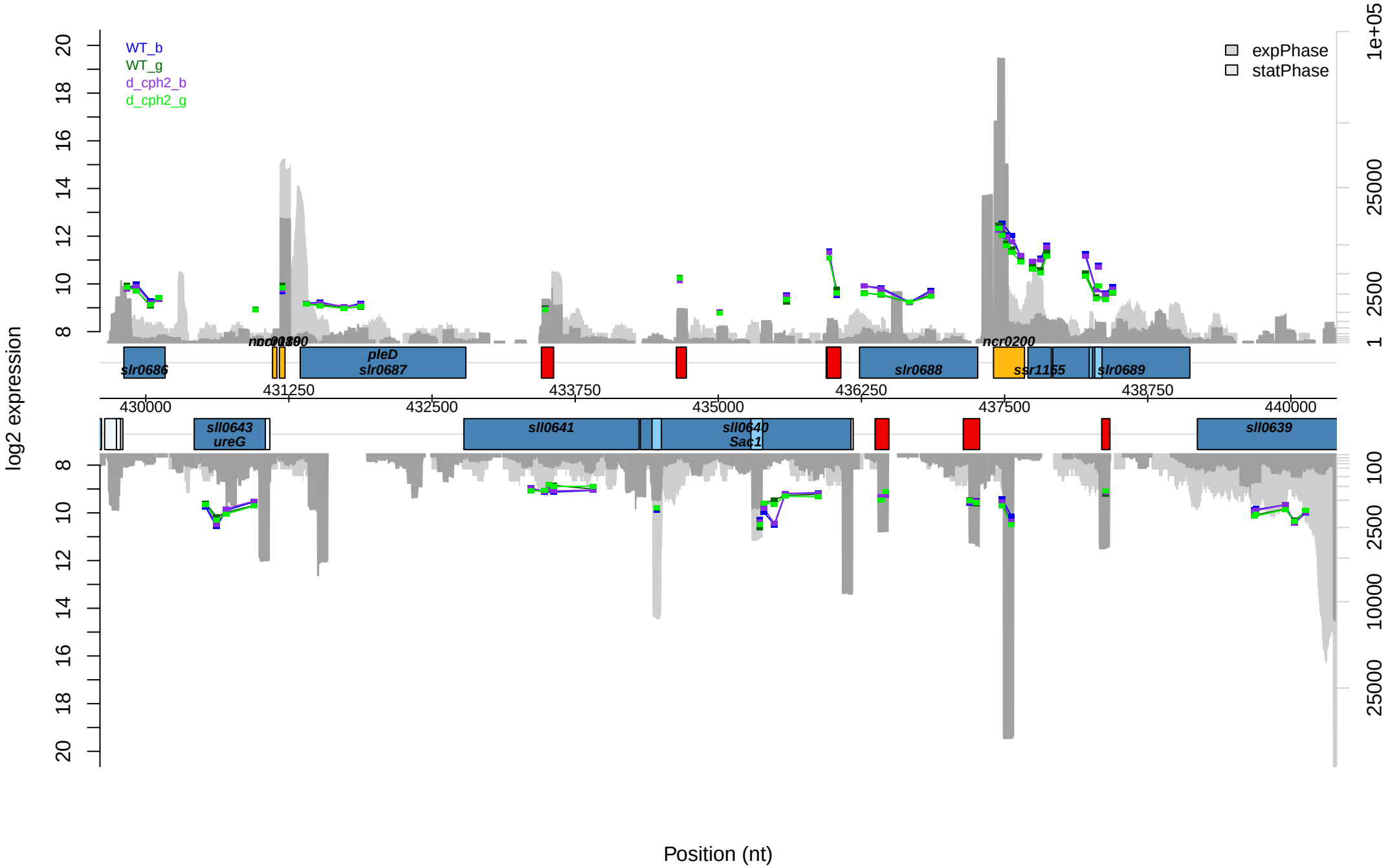

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1076
slr1077
galE
slr1078
slr1079
slr1081
slr1082
slr1083
slr1084
slr1085
slr1087
sll1025
380000
381250
382500
383750
385000
386250
387500
388750
390000

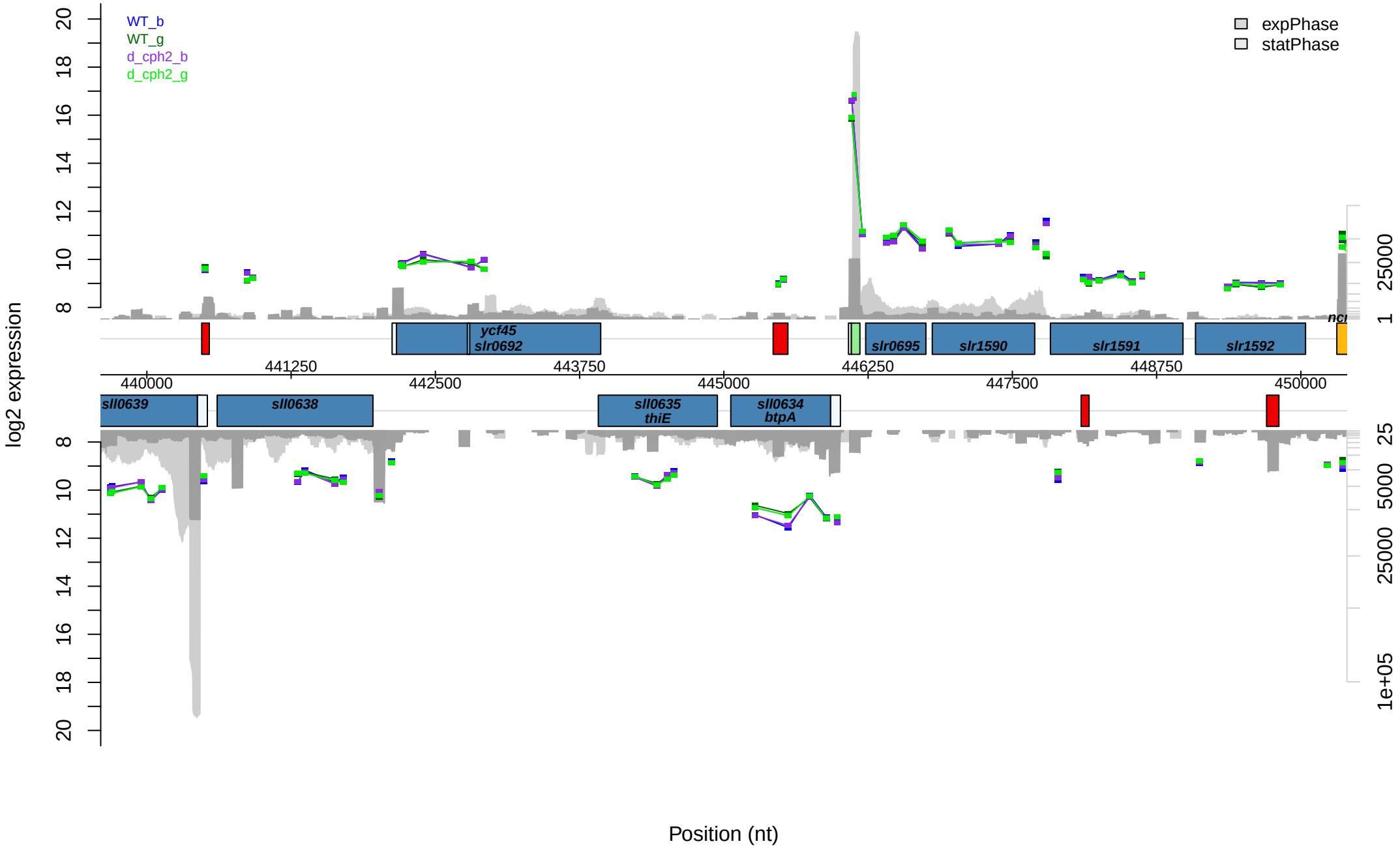

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1090
hliD, scpE
ssr1789
sll1025
ssl1972
sll1024
sll1023
sucC
sll1022
sll1021
sll1020
sll1019
HAGH1
sll1018
pyrC

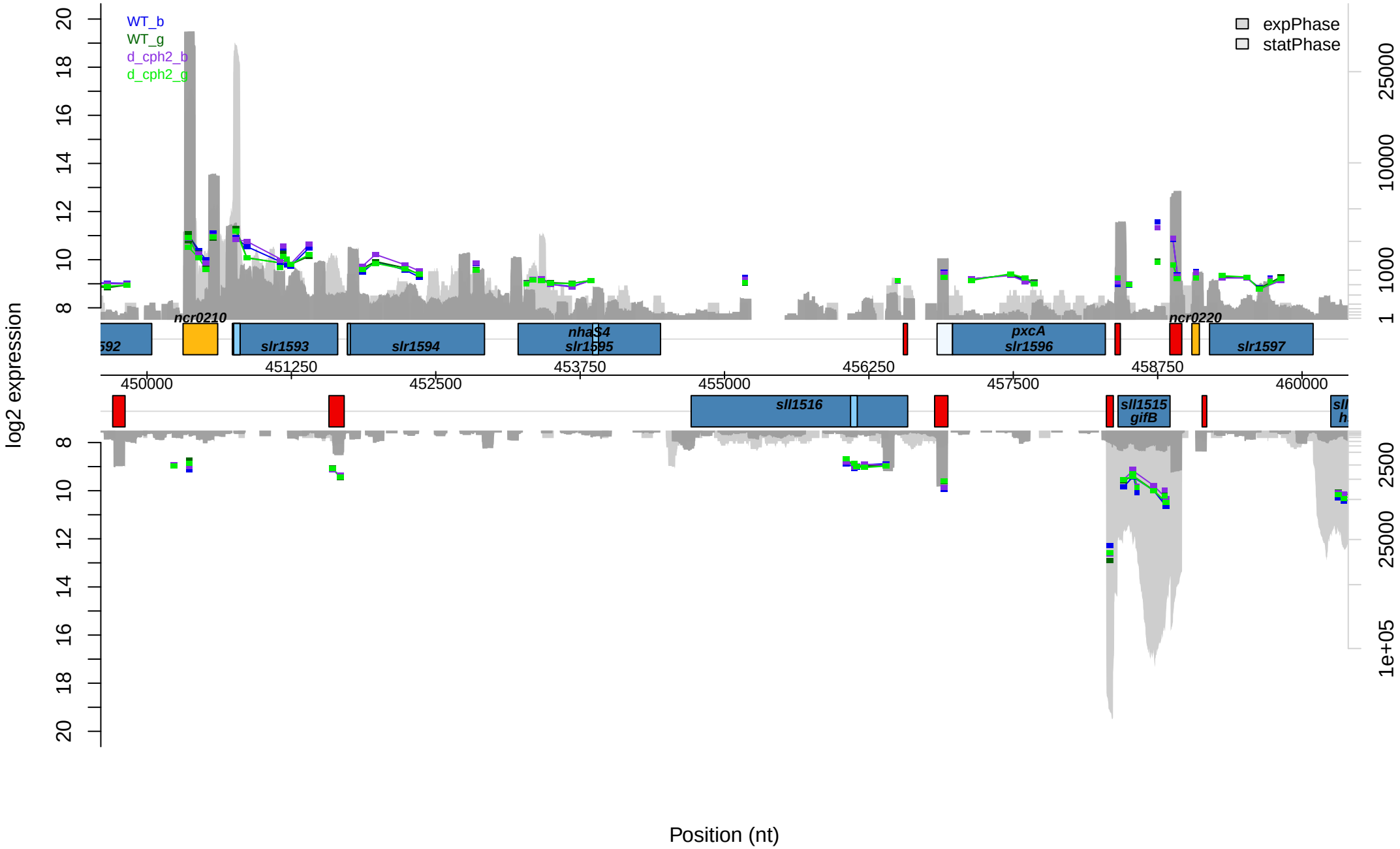

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hik38
slr1400
slr0670
sll1018
pyrC
sll1017
amt2
sll0656
nucH
401250
403750
406250
408750
4e+05
402500
405000
407500
410000

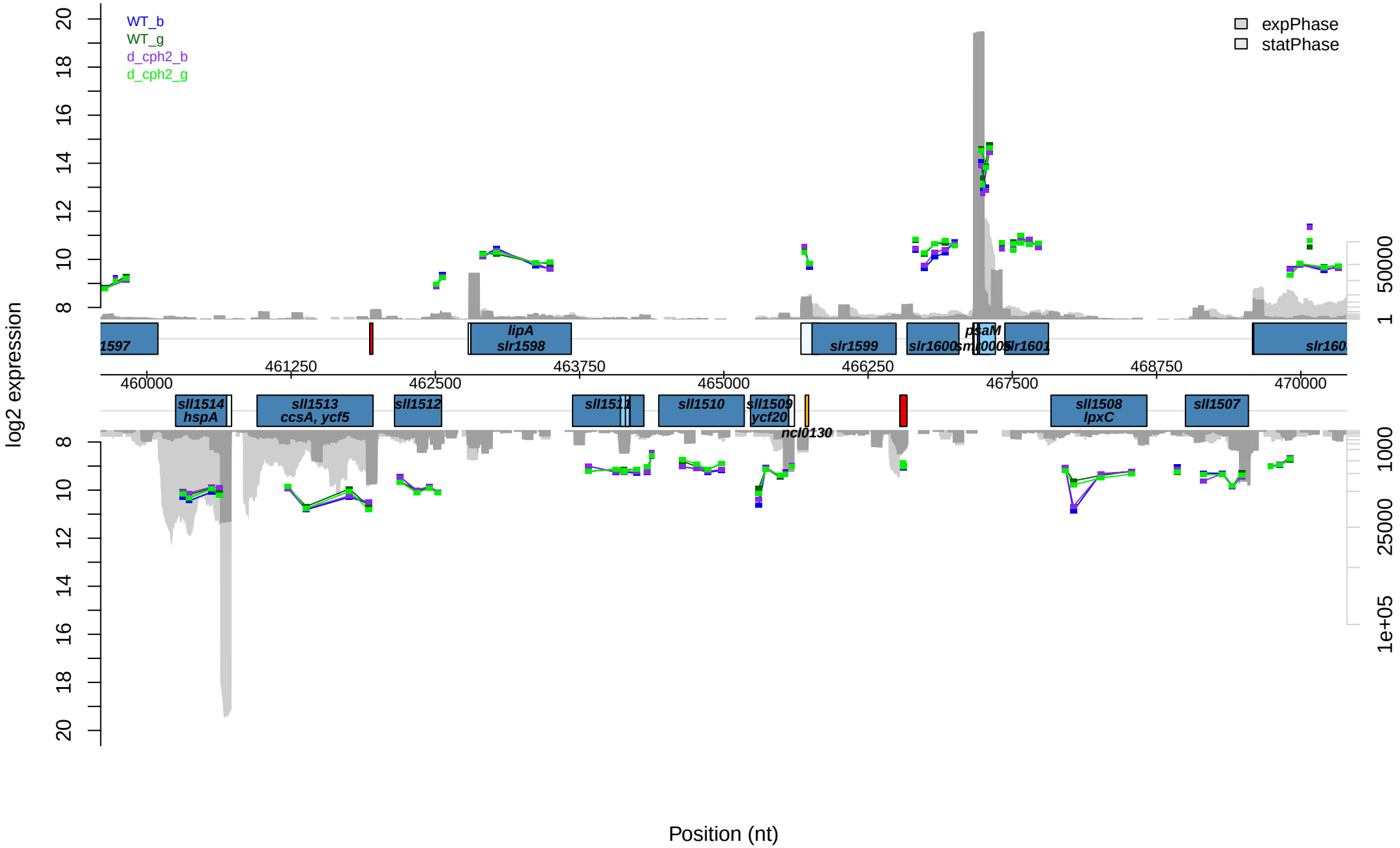

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0170
slr0675
cysC
slr0676
exbB
slr0677
slr0678
fmu/fmv
slr0679
slr0680
slr0681
sll0654
ncl0120
410000
411250
412500
413750
415000
416250
417500
418750
420000

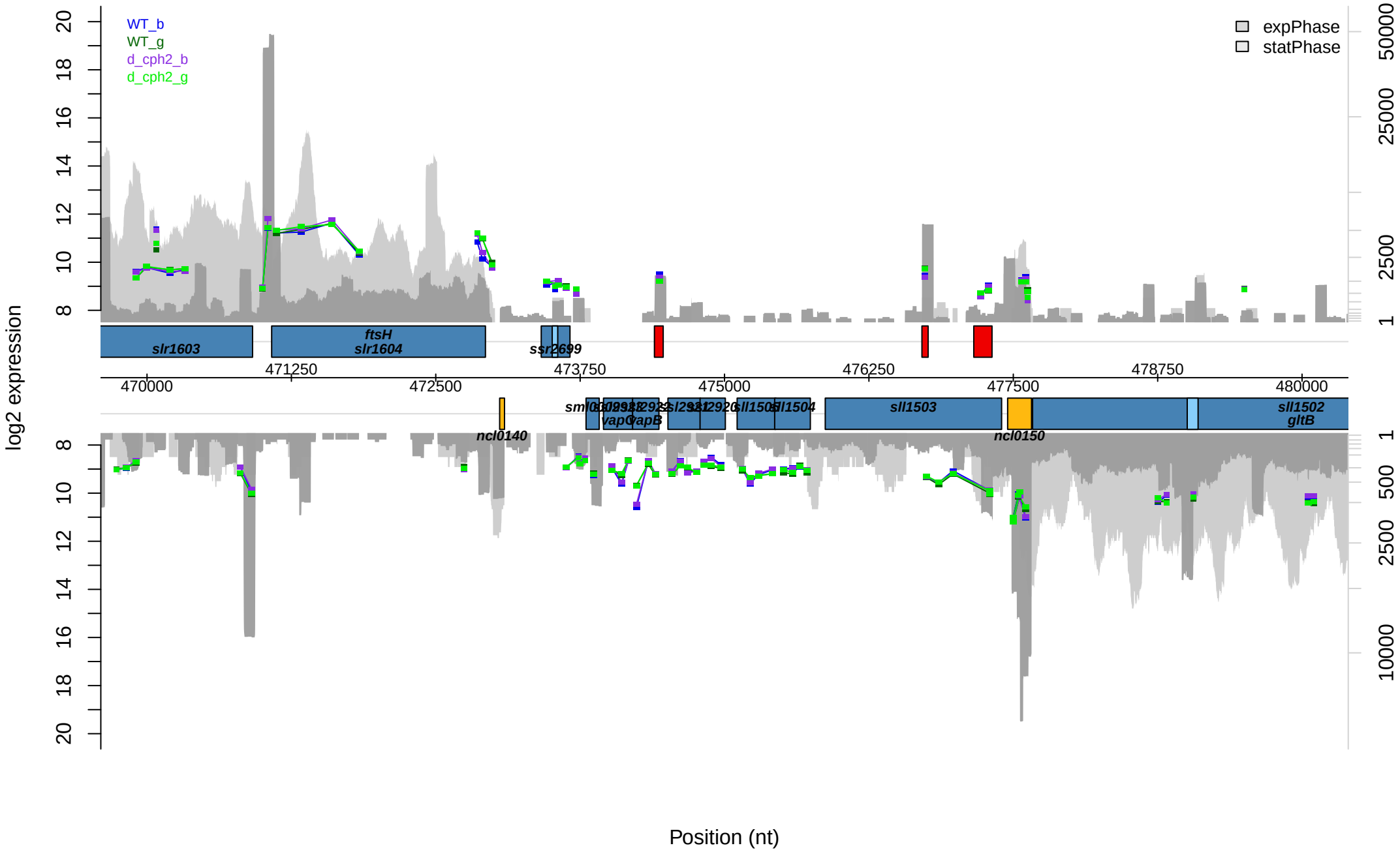

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hisD
slr0682
slr0686
sll0651
sll0650
sll0649
sll0648
lim
sll0647
sll0646
cya2
sll0645
sll0644
420000
421250
422500
423750
425000
426250
427500
428750
430000

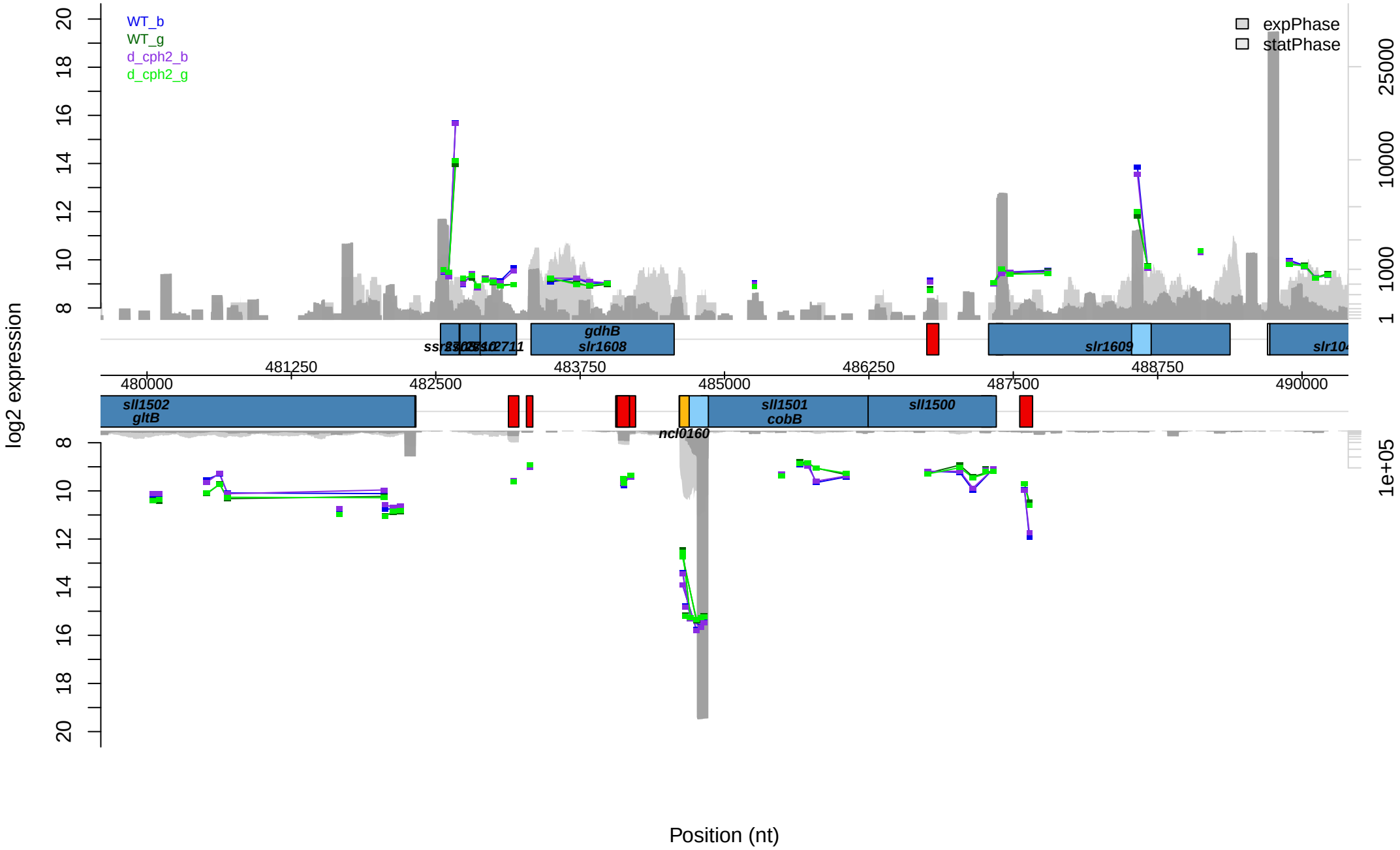

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0686
pleD
slr0687
slr0688
ncr0200
ssr1155
slr0689
sll0643
ureG
sll0641
sll0640
Sac1
sll0639
430000
431250
432500
433750
435000
436250
437500
438750
440000

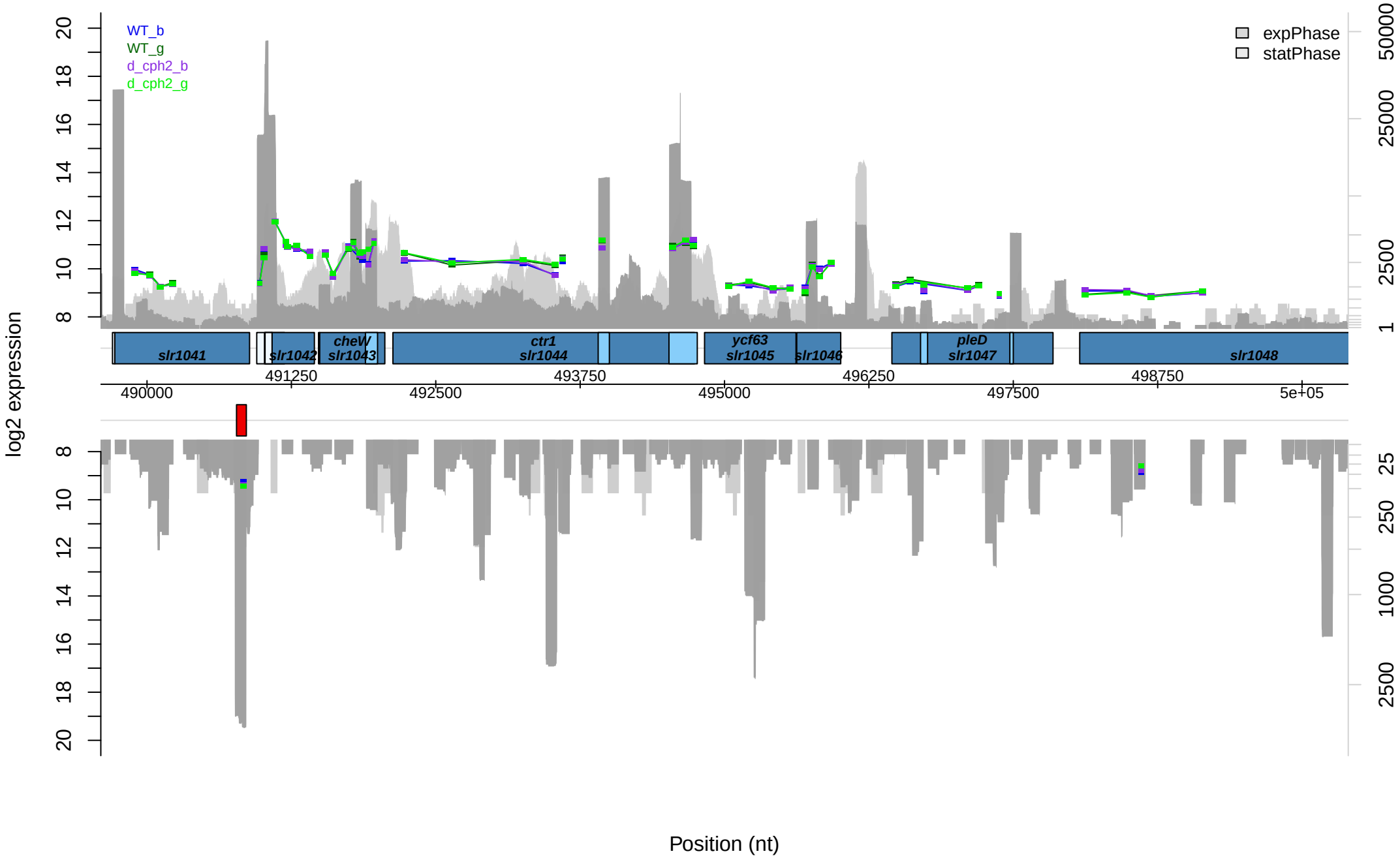

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
25000
25
5000
25000
1e+05
ycf45
slr0692
slr0695
slr1590
slr1591
slr1592
sll0639
sll0638
sll0635
thiE
sll0634
btpA
440000
441250
442500
443750
445000
446250
447500
448750
450000
Position (nt)

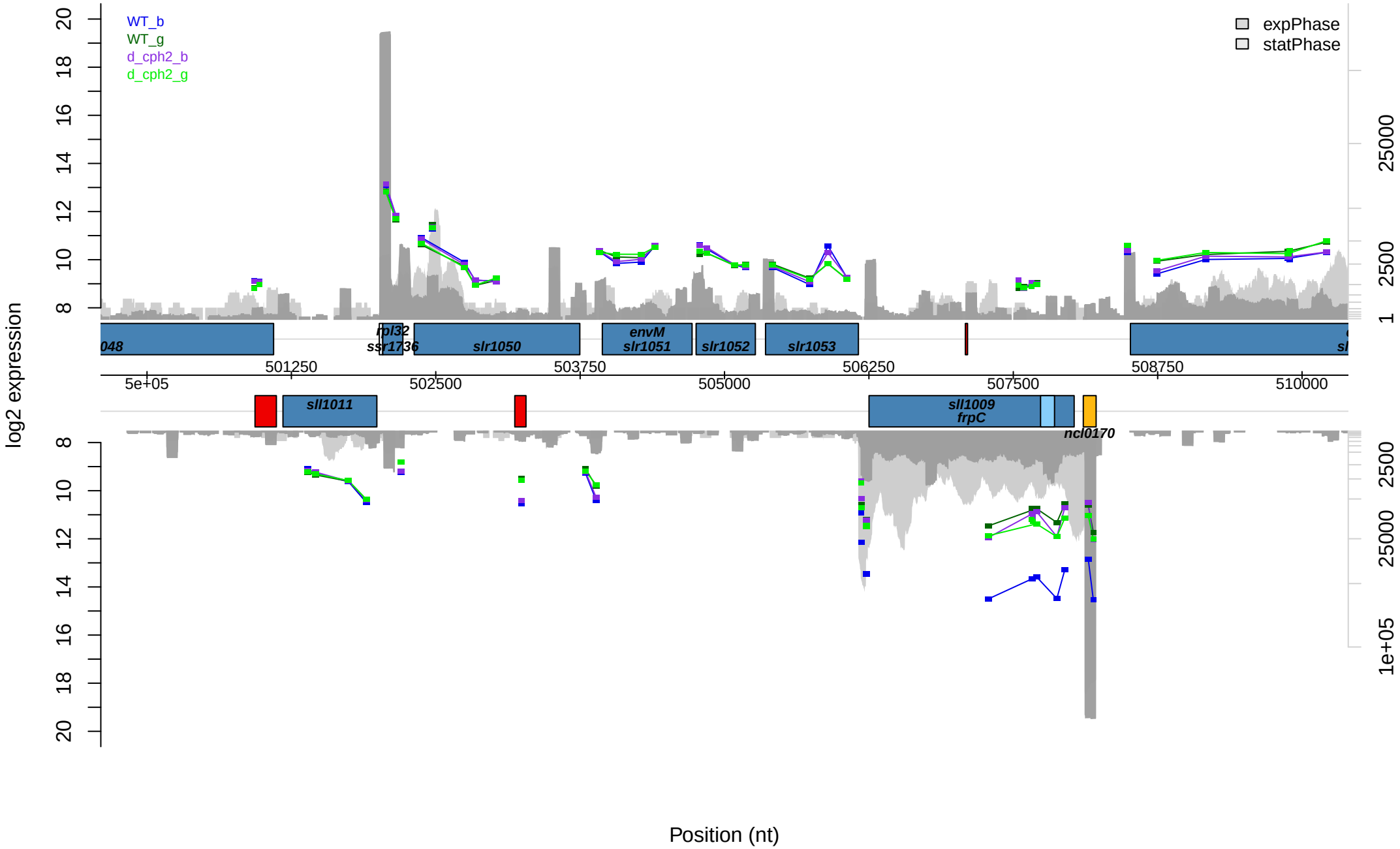

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0210
slr1593
slr1594
nhaS4
slr1595
pxcA
slr1596
ncr0220
slr1597
sll1516
sll1515
gifB
450000
451250
452500
453750
455000
456250
457500
458750
460000

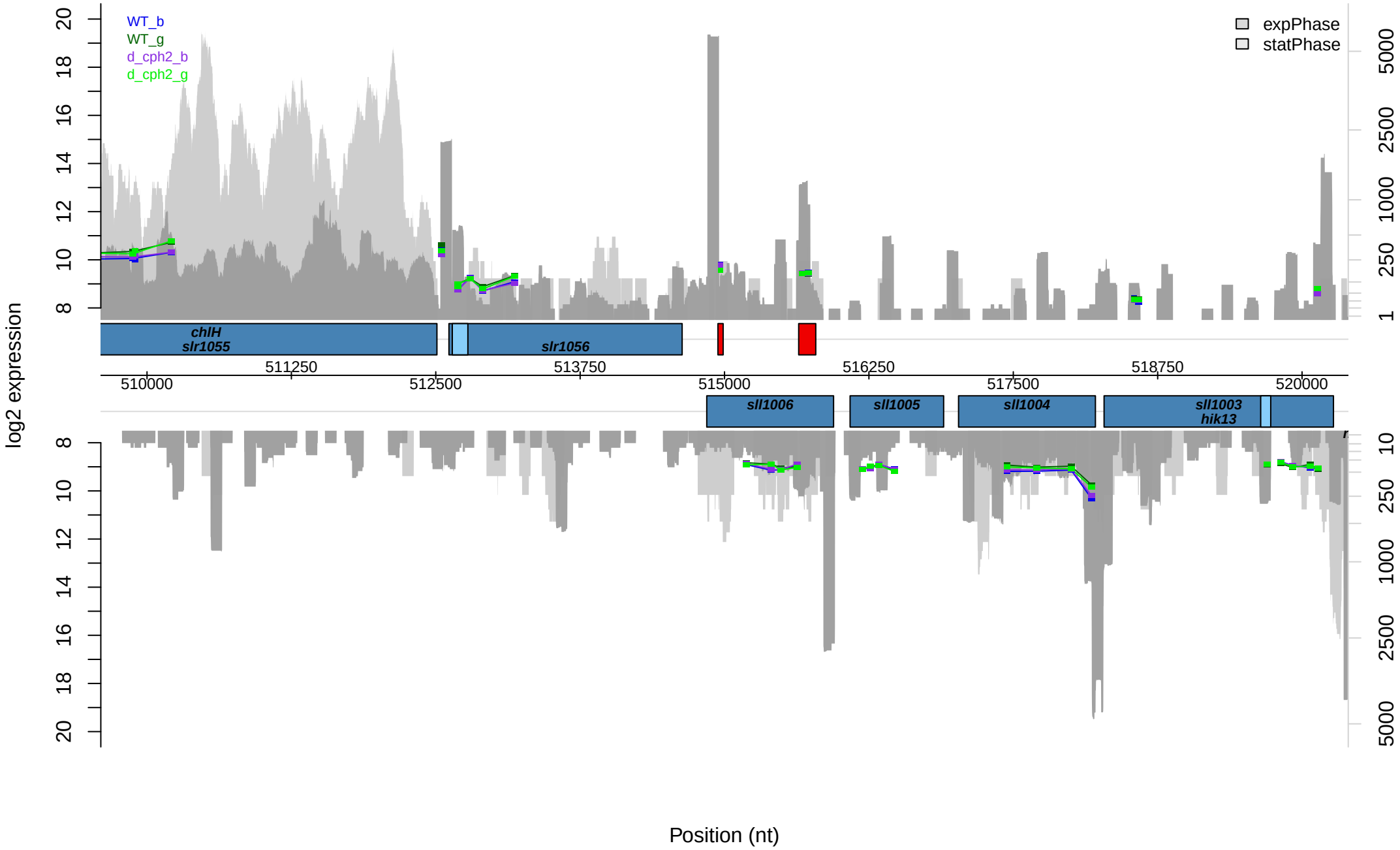

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
lipA
slr1598
slr1599
slr1600
psaM
slr1601
sll1514
hspA
sll1513
ccsA, ycf5
sll1512
sll1511
sll1510
sll1509
ycf20
ncl0130
sll1508
lpxC
sll1507
460000
461250
462500
463750
465000
466250
467500
468750
470000

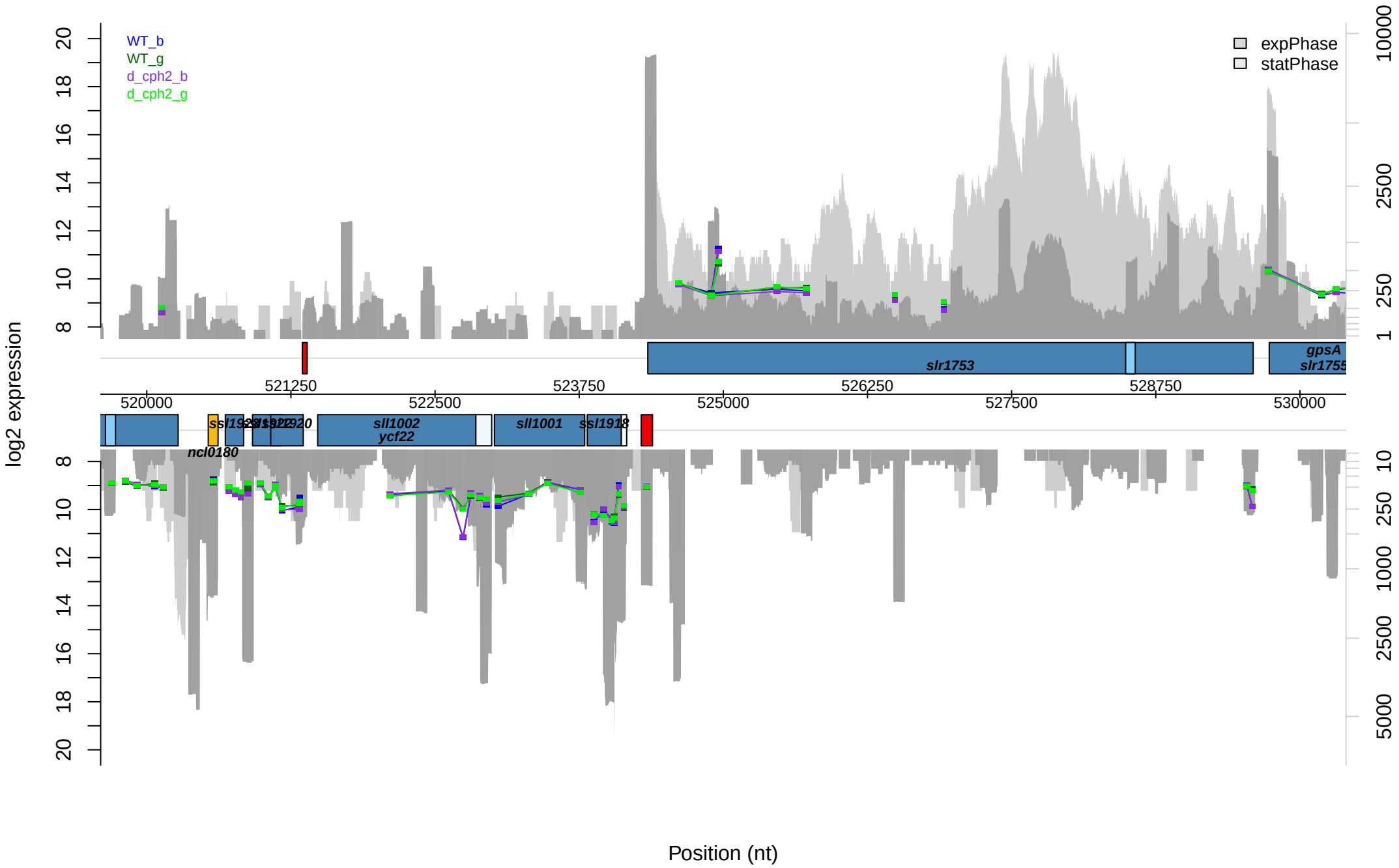

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1603
ftsH
slr1604
ssr2699
ncl0140
vapC
vapB
sll1503
ncl0150
sll1502
gltB
470000
471250
472500
473750
475000
476250
477500
478750
480000

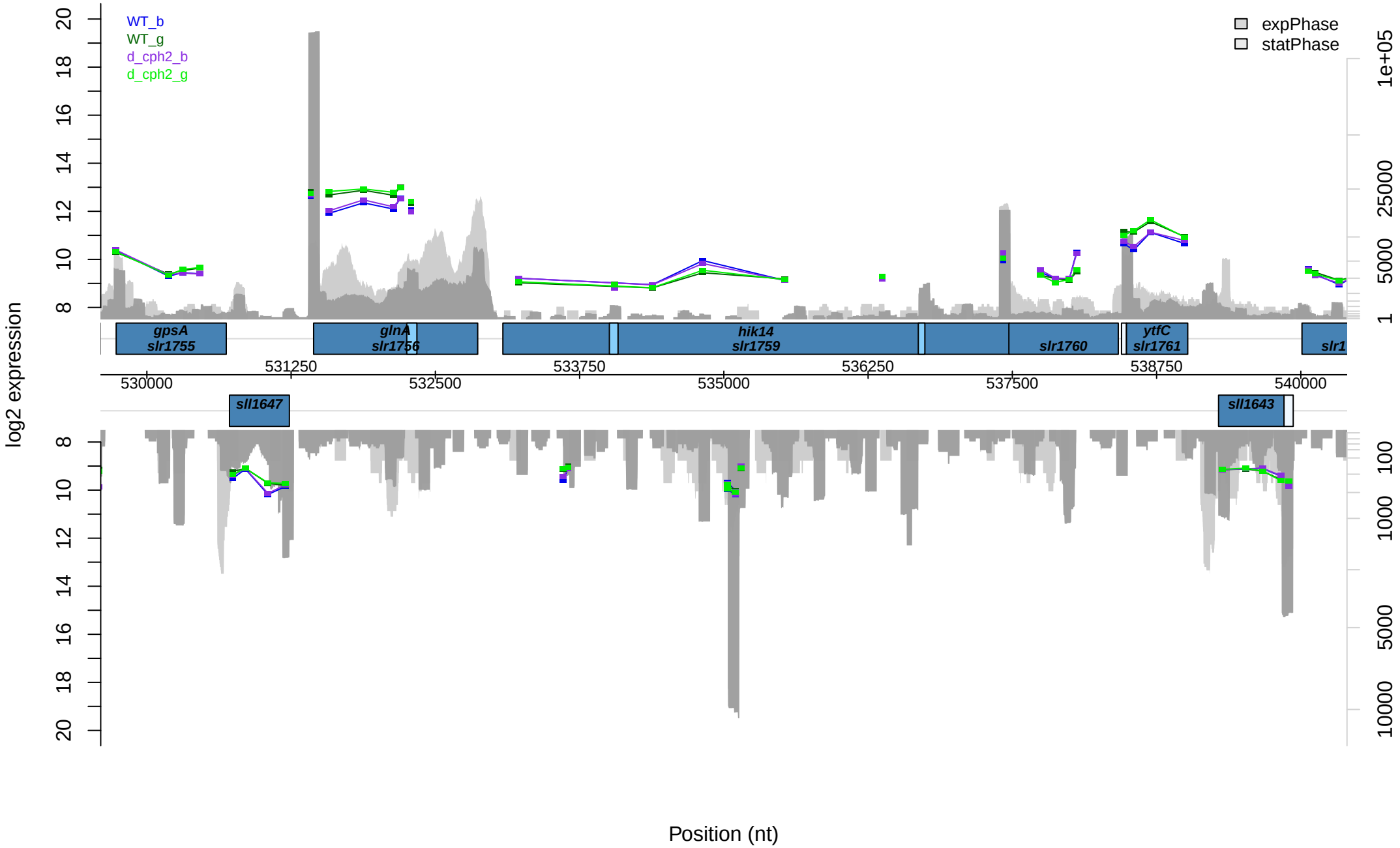

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
gdhB
slr1608
slr1609
sll1502
gltB
sll1501
cobB
sll1500
ncl0160
480000
481250
482500
483750
485000
486250
487500
488750
490000

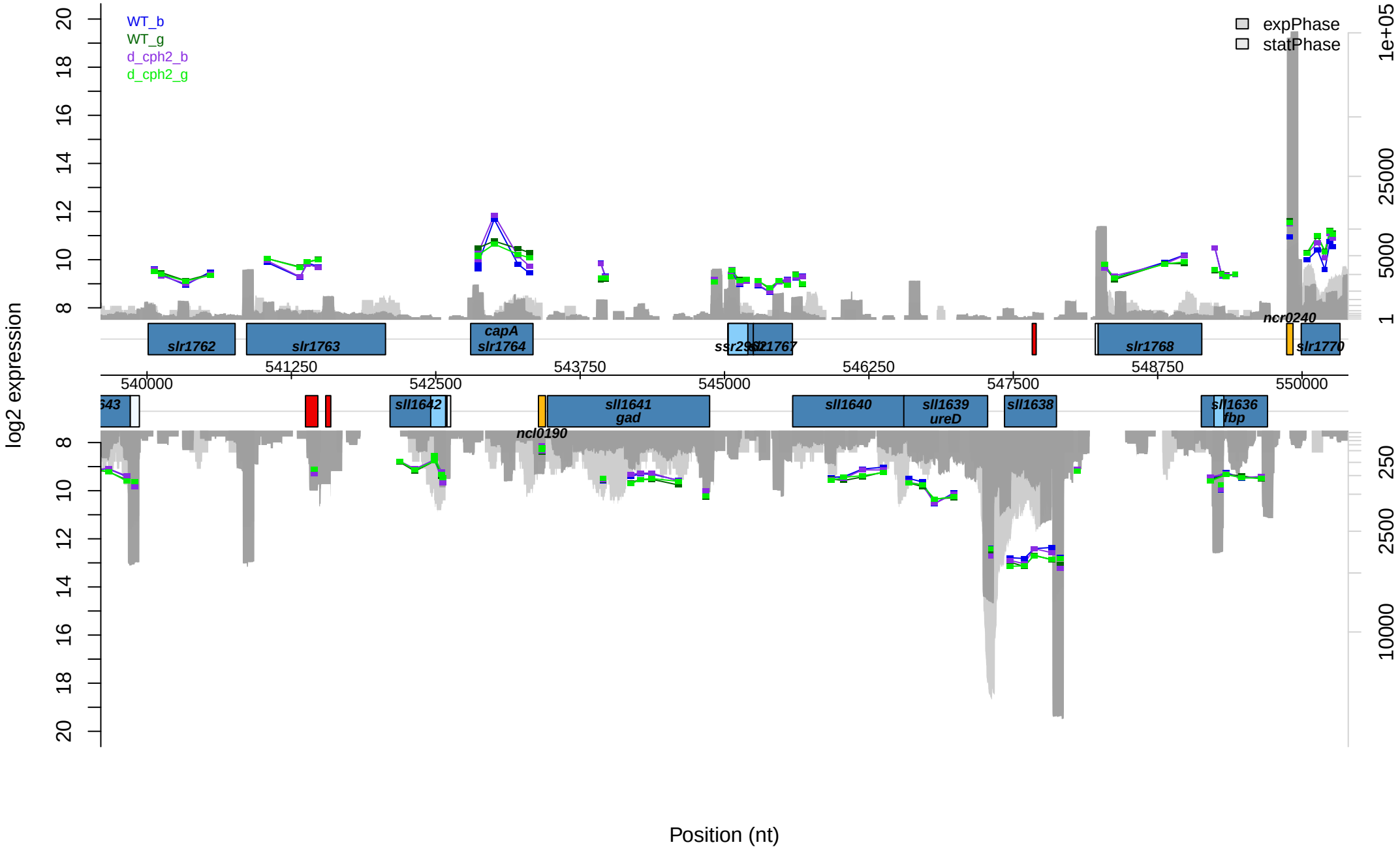

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1041
slr1042
cheW
slr1043
ctr1
slr1044
ycf63
slr1045
slr1046
pleD
slr1047
slr1048
490000
491250
492500
493750
495000
496250
497500
498750
5e+05

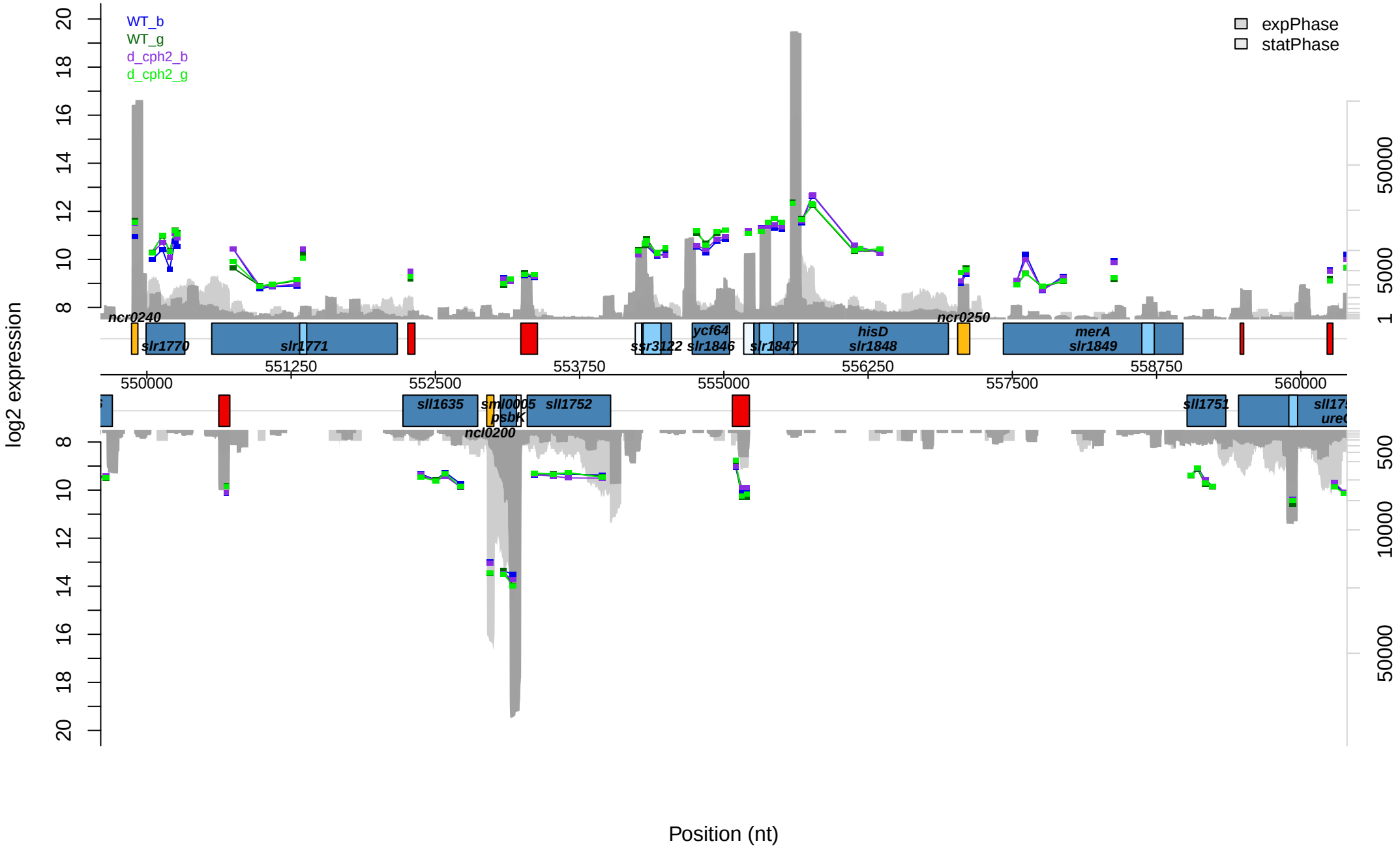

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rpl32
ssr1736
slr1050
envM
slr1051
slr1052
slr1053
sll1011
sll1009
frpC
ncl0170
501250
503750
506250
508750
5e+05
502500
505000
507500
510000
25000
2500
1
1e+05

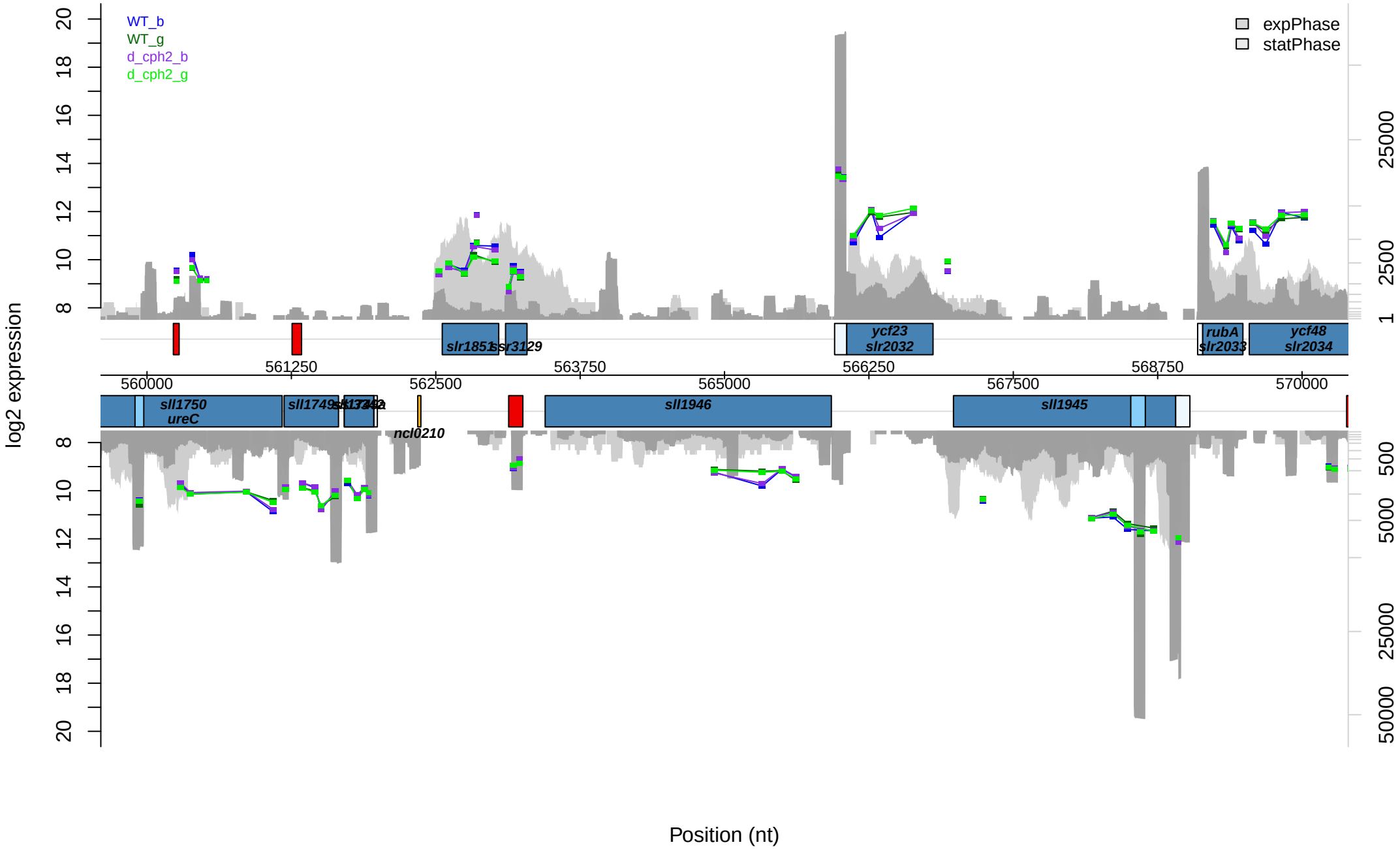

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
chlH
slr1055
slr1056
sll1006
sll1005
sll1004
sll1003
hik13
510000
511250
512500
513750
515000
516250
517500
518750
520000
Position (nt)

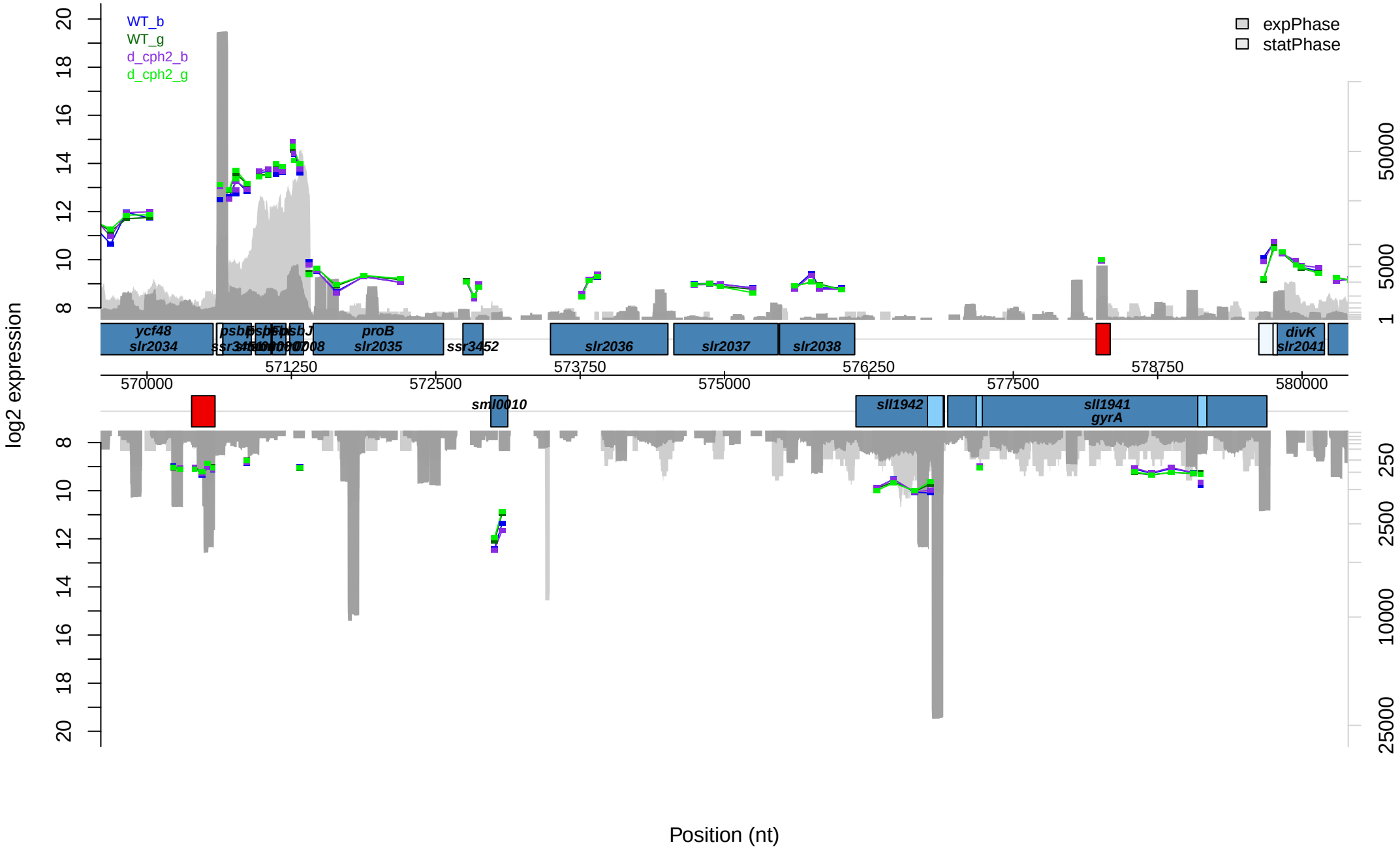

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1753
gpsA
sll1002
ycf22
sll1001
ssl1918
ncl0180
520000
521250
522500
523750
525000
526250
527500
528750
530000

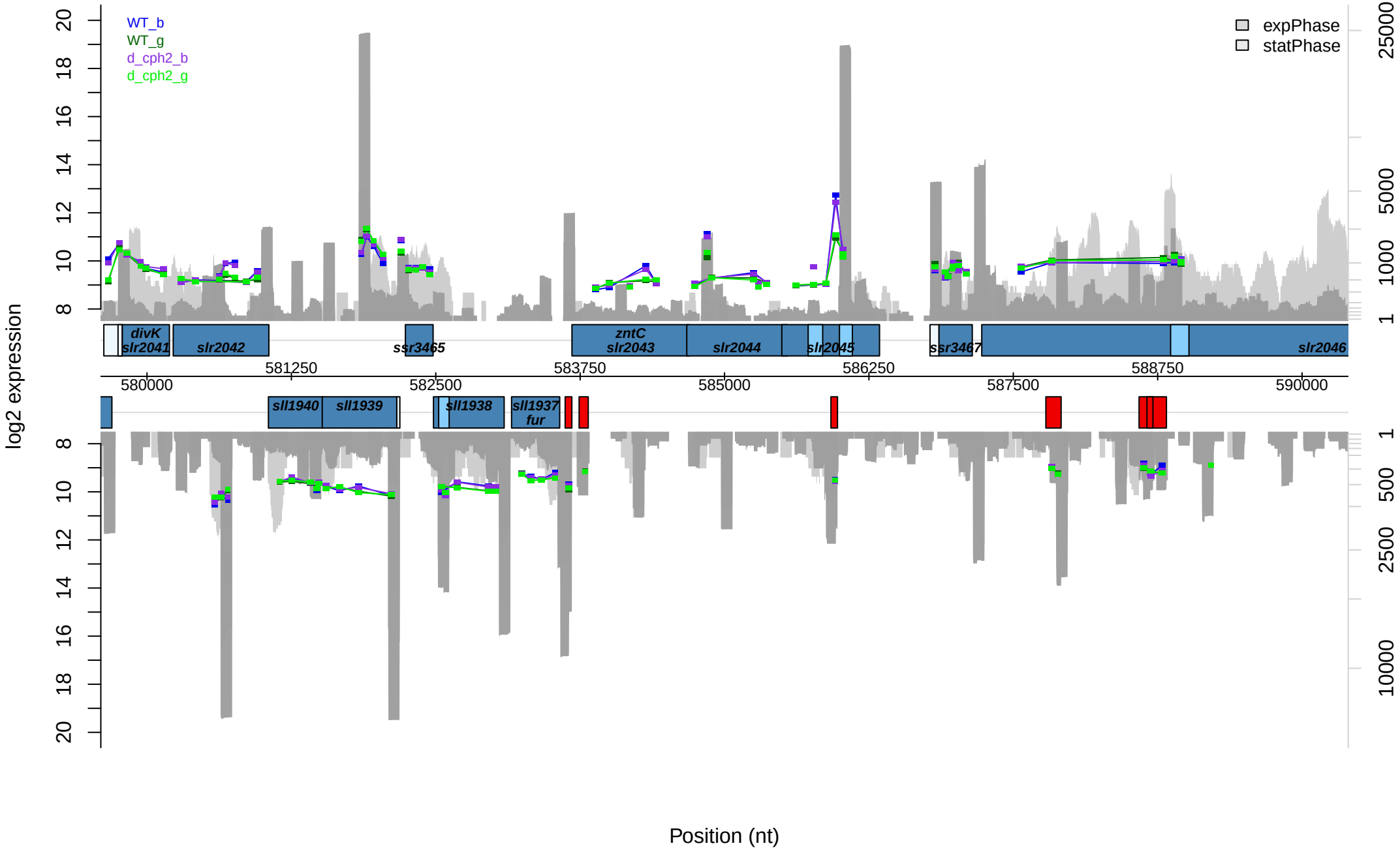

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
gpsA
slr1755
glnA
slr1756
hik14
slr1759
slr1760
ytfC
slr1761
slr1
sll1647
sll1643
530000
531250
532500
533750
535000
536250
537500
538750
540000

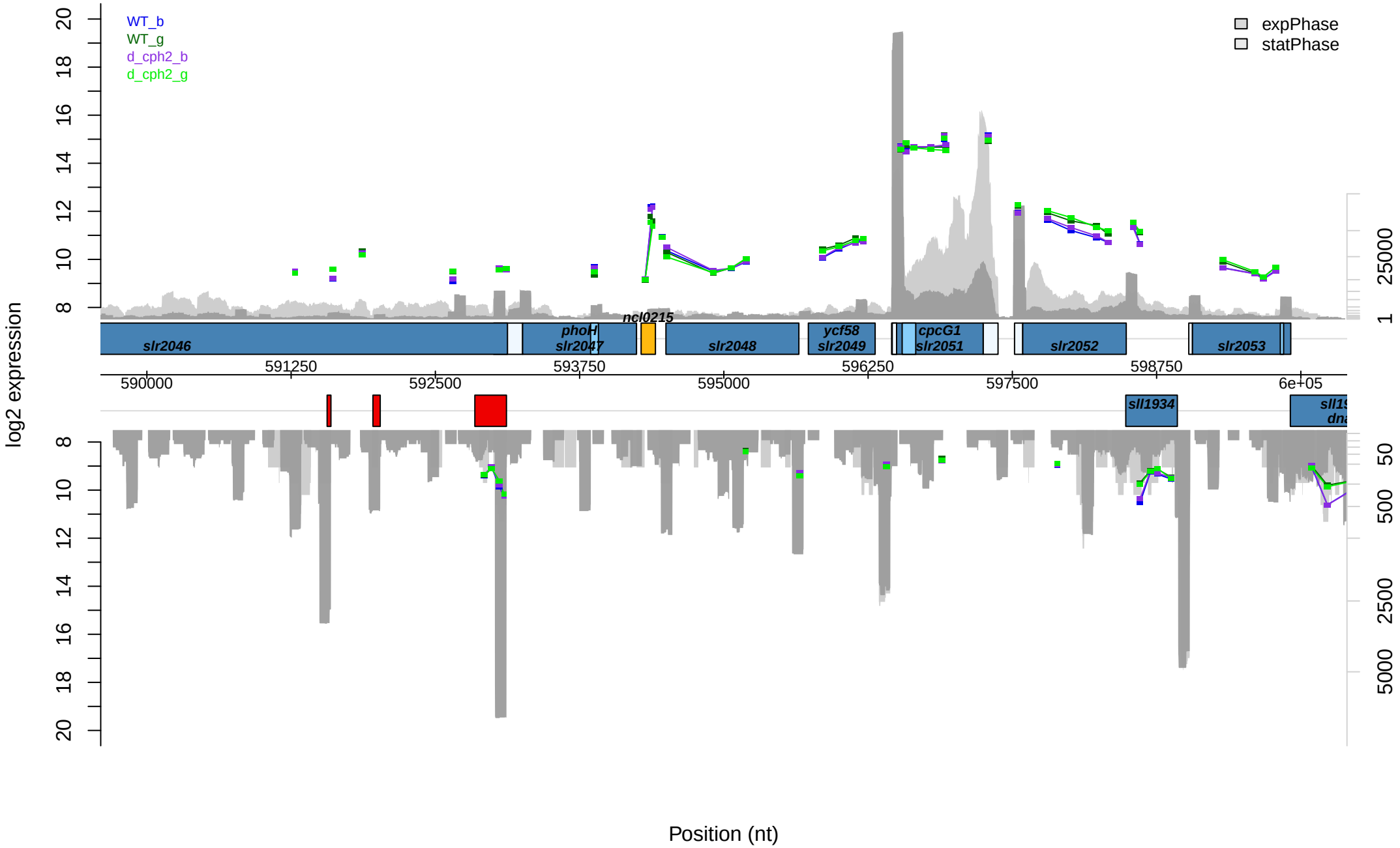

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1762
slr1763
capA
slr1764
ssr2982
slr1767
slr1768
ncr0240
slr1770
sll1642
sll1641
gad
ncl0190
sll1640
sll1639
ureD
sll1638
sll1636
fbp
540000
541250
542500
543750
545000
546250
547500
548750
550000

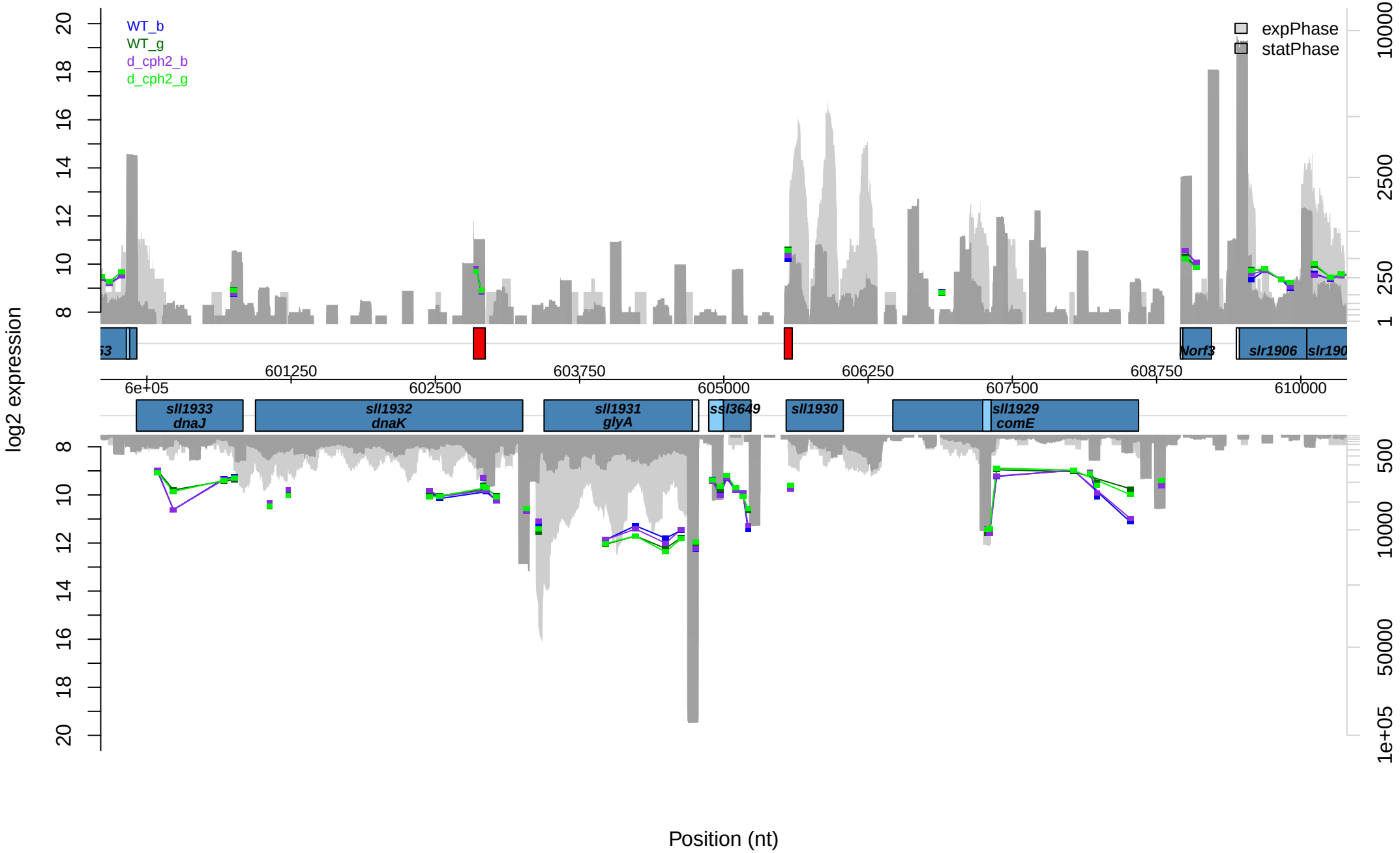

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0240
slr1770
slr1771
ssr3122
ycf64
slr1846
slr1847
hisD
slr1848
ncr0250
merA
slr1849
sll1635
sml0005
psbK
ncl0200
sll1752
sll1751
550000
551250
552500
553750
555000
556250
557500
558750
560000

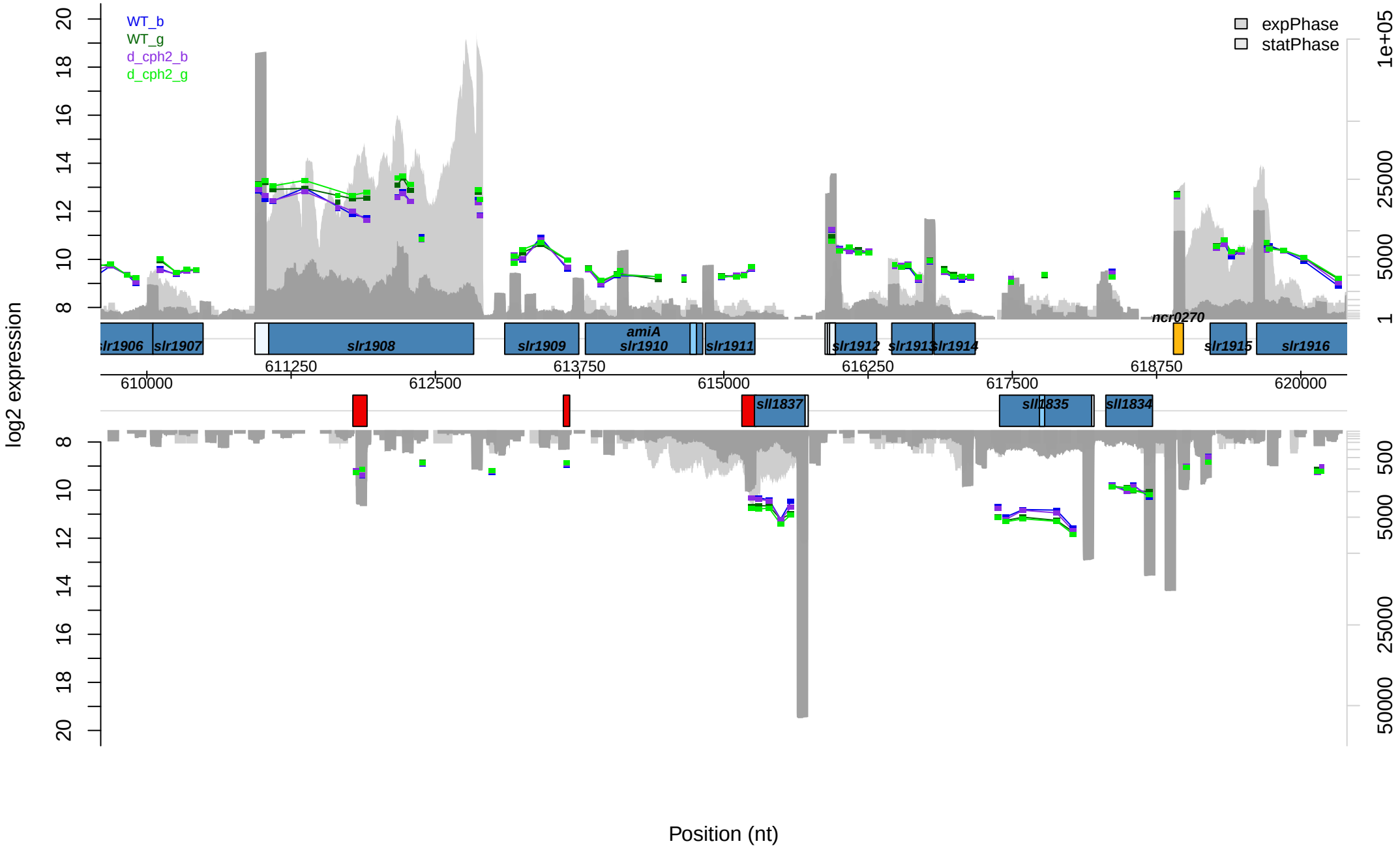

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1851
ssr3129
ycf23
slr2032
rubA
slr2033
ycf48
slr2034
sll1750
ureC
sll1946
sll1945
ncl0210
560000
561250
562500
563750
565000
566250
567500
568750
570000

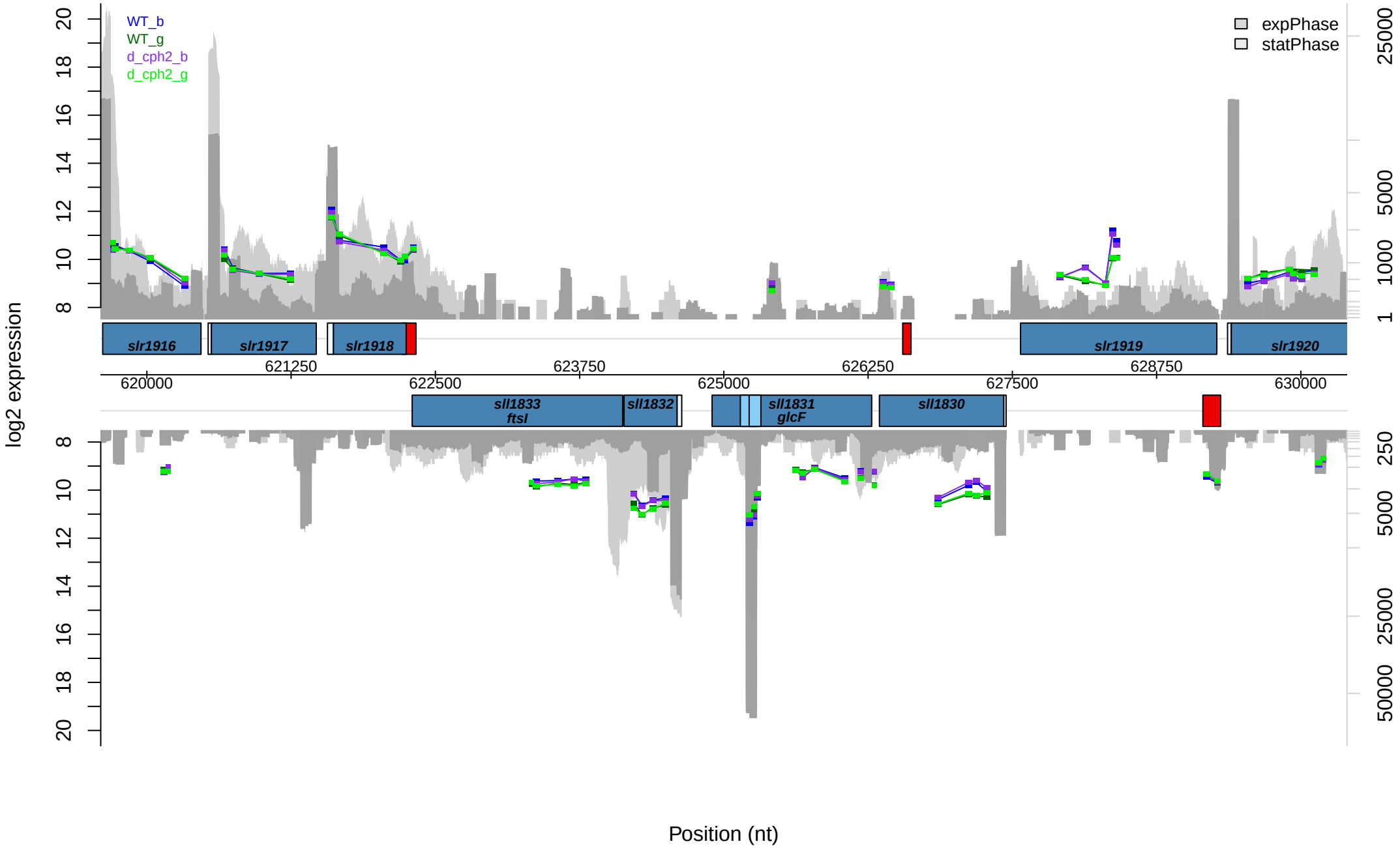

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ycf48
slr2034
proB
slr2035
ssr3452
slr2036
slr2037
slr2038
divK
slr2041
smi0010
sll1942
sll1941
gyrA
570000
571250
572500
573750
575000
576250
577500
578750
580000

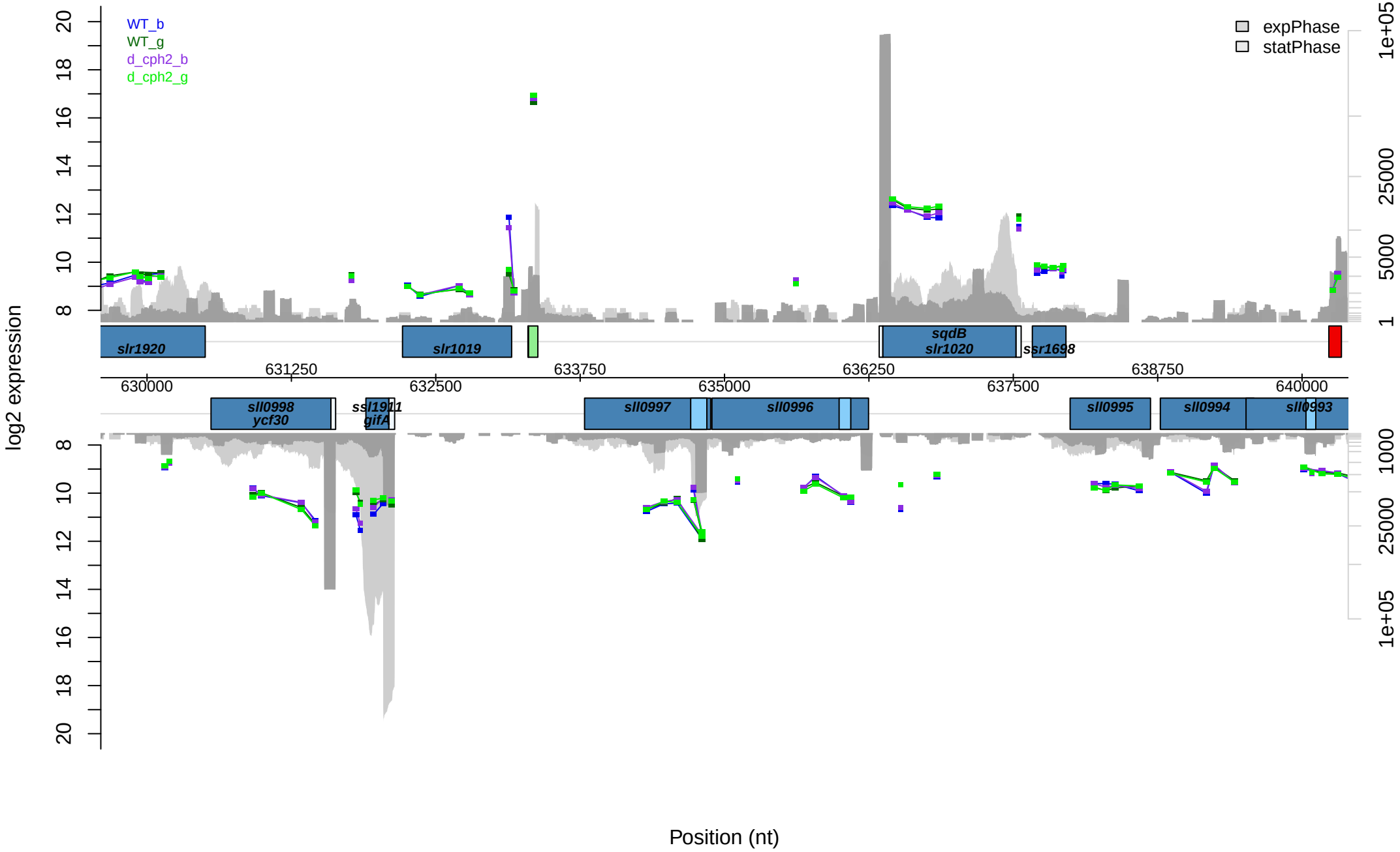

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
divK
slr2041
slr2042
ssr3465
zntC
slr2043
slr2044
slr2045
ssr3467
slr2046
sll1940
sll1939
sll1938
sll1937
fur
580000
581250
582500
583750
585000
586250
587500
588750
590000

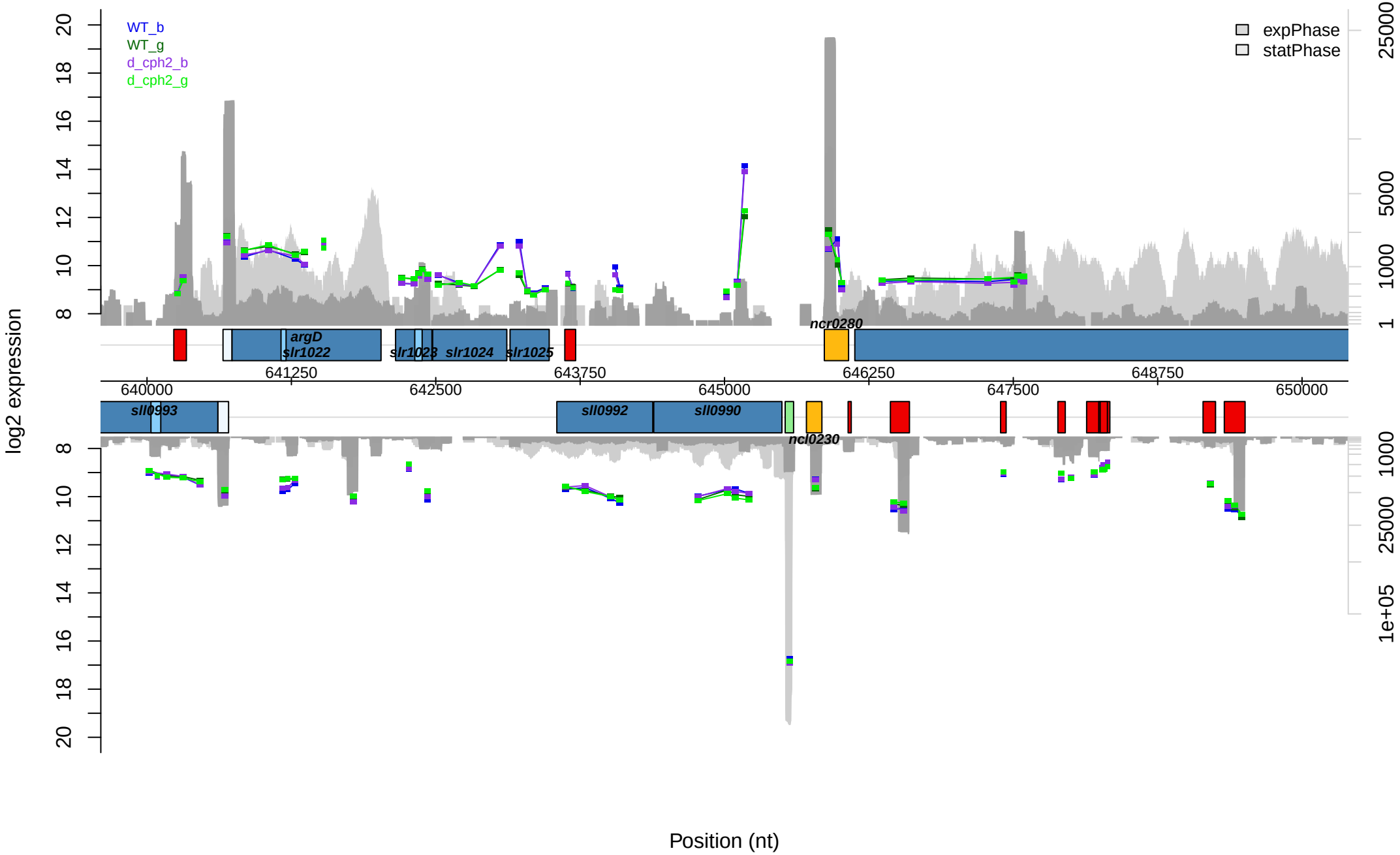

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2046
phoH
slr2047
ncl0215
slr2048
ycf58
slr2049
cpcG1
slr2051
slr2052
slr2053
sll1934
590000
591250
592500
593750
595000
596250
597500
598750
6e+05

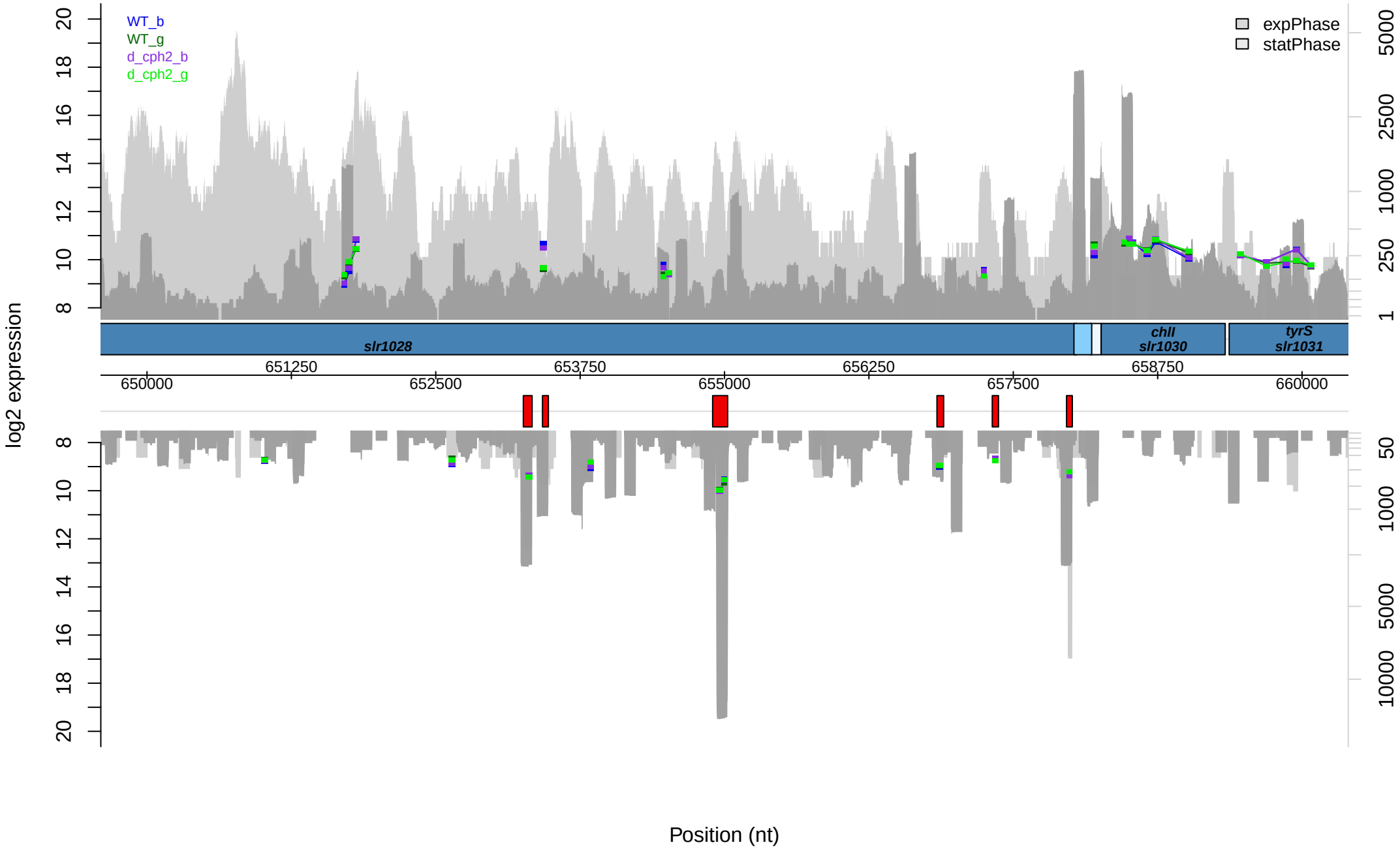

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
601250
603750
606250
608750
6e+05
602500
605000
607500
610000
sll1933
dnaJ
sll1932
dnaK
sll1931
glyA
ssl3649
sll1930
sll1929
comE
Norf3
slr1906
slr190

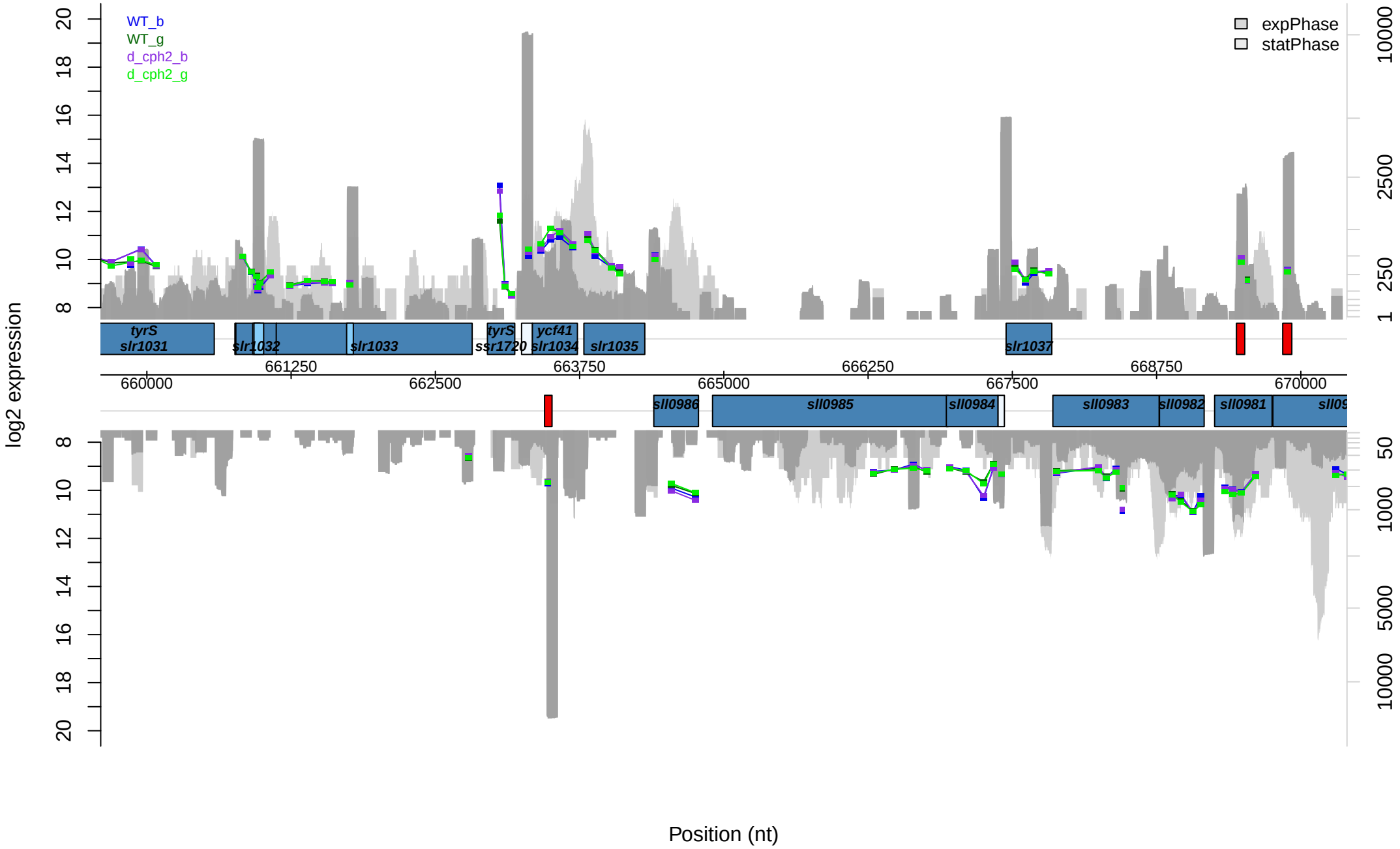

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1906
slr1907
slr1908
slr1909
amiA
slr1910
slr1911
slr1912
slr1913
slr1914
ncr0270
slr1915
slr1916
sll1837
sll1835
sll1834
610000
611250
612500
613750
615000
616250
617500
618750
620000

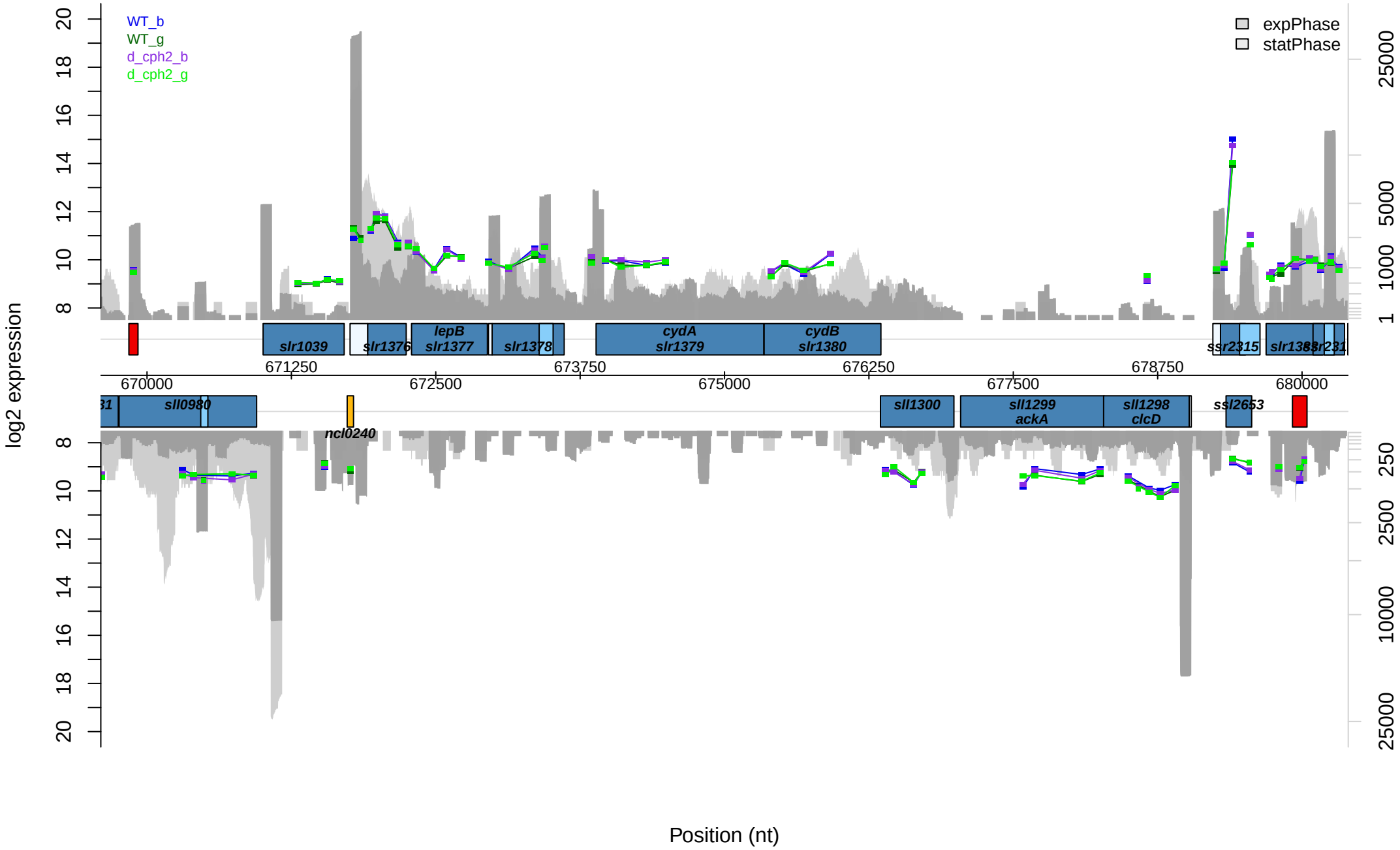

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1916
slr1917
slr1918
slr1919
slr1920
sll1833 ftsI
sll1832
sll1831 glcF
sll1830
620000
621250
622500
623750
625000
626250
627500
628750
630000

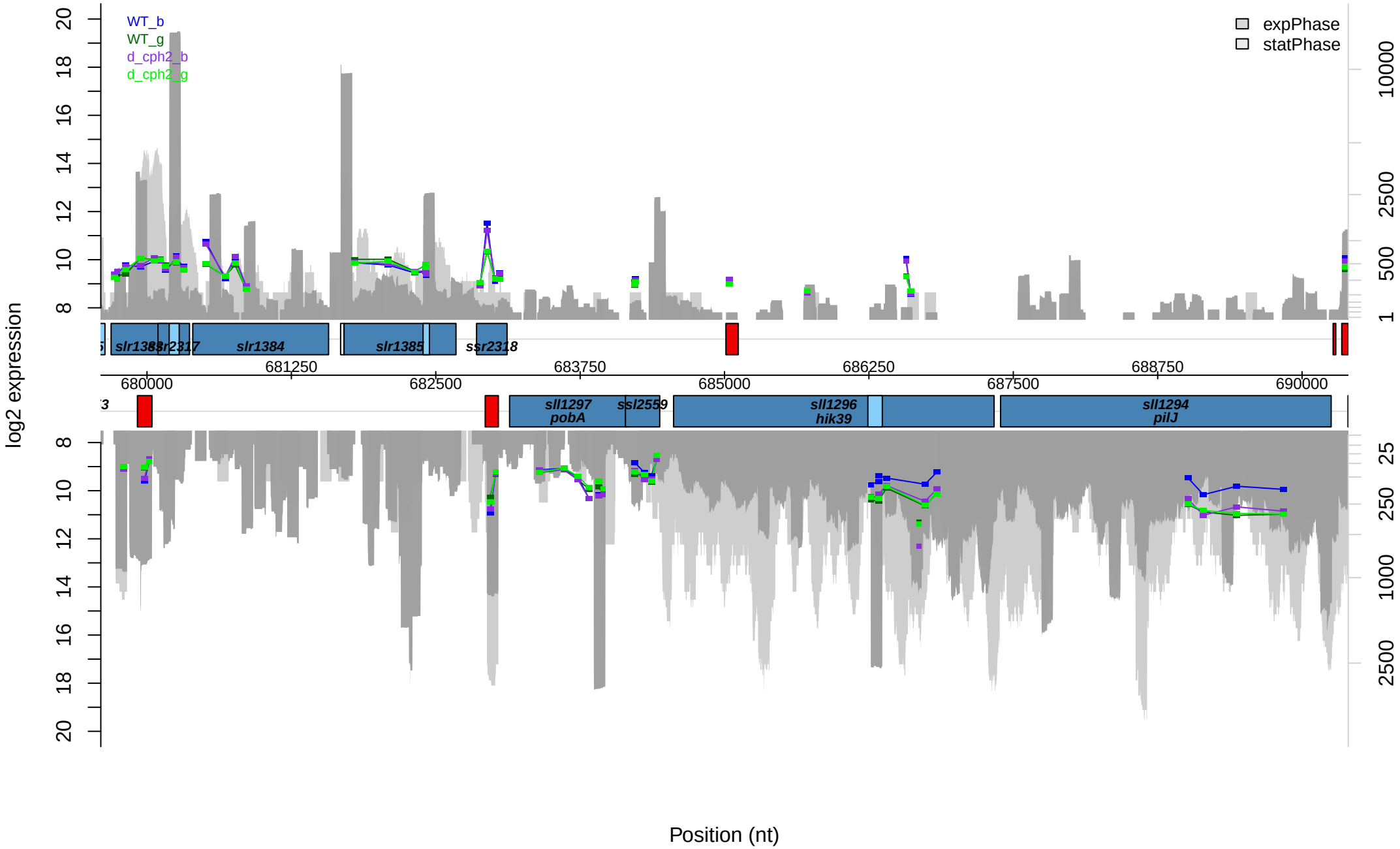

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1920
slr1019
sqdB
slr1020
ssr1698
sll0998
ycf30
ssl1911
gifA
sll0997
sll0996
sll0995
sll0994
sll0993
630000
631250
632500
633750
635000
636250
637500
638750
640000

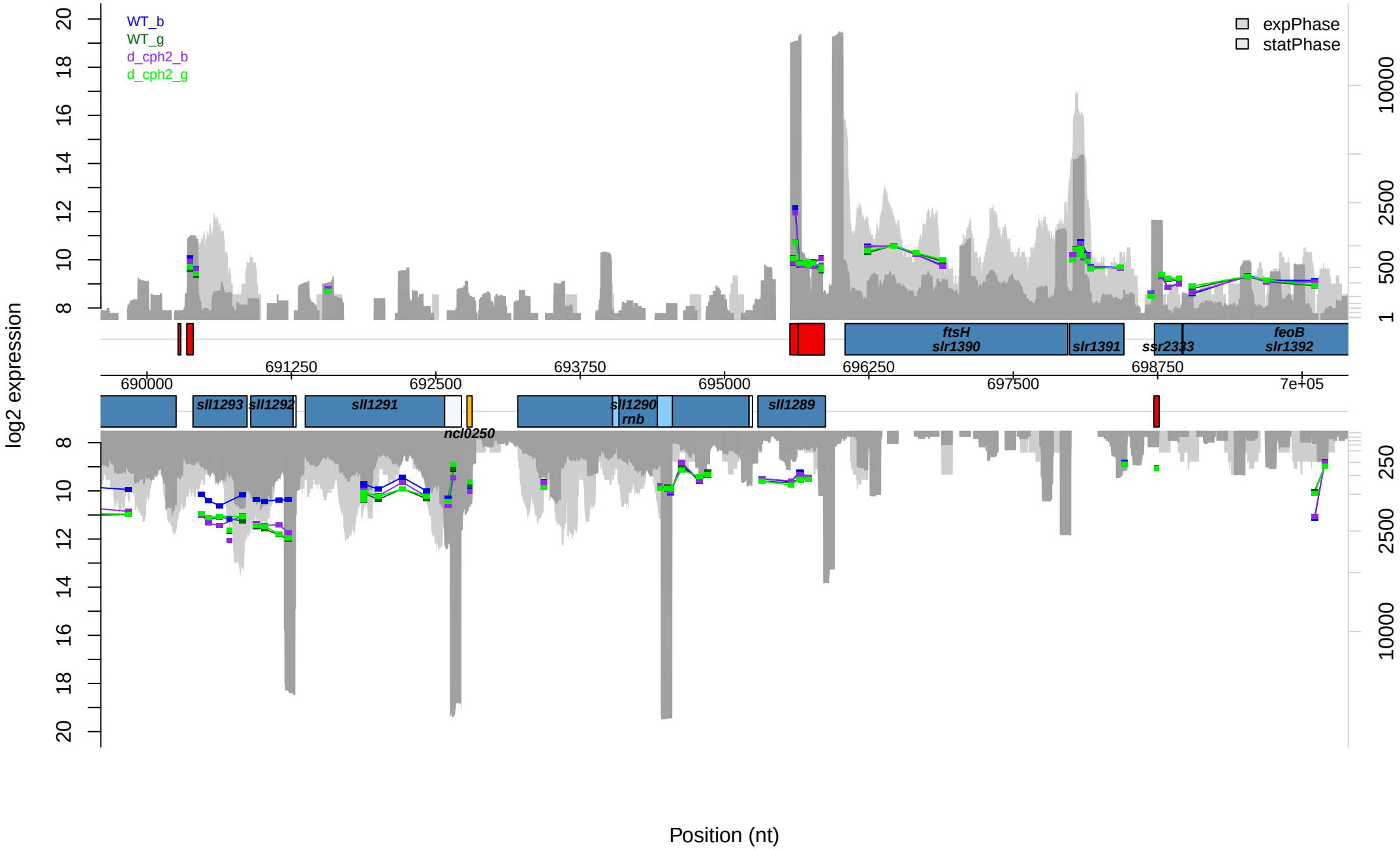

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
argD
slr1022
slr1023
slr1024
slr1025
ncr0280
sll0993
sll0992
sll0990
ncl0230
640000
641250
642500
643750
645000
646250
647500
648750
650000

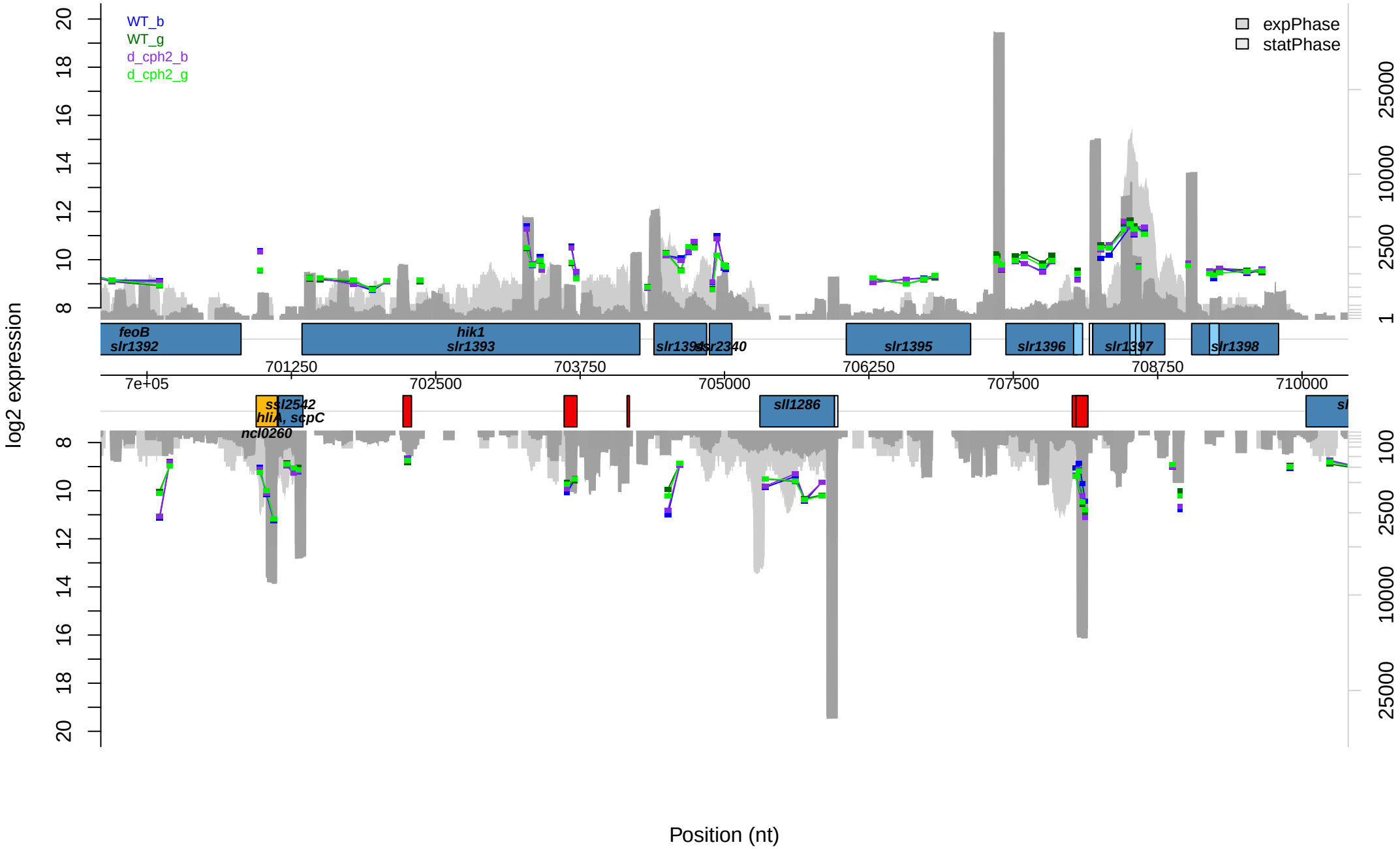

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
slr1028
chlI
slr1030
tyrS
slr1031
650000
651250
652500
653750
655000
656250
657500
658750
660000
Position (nt)

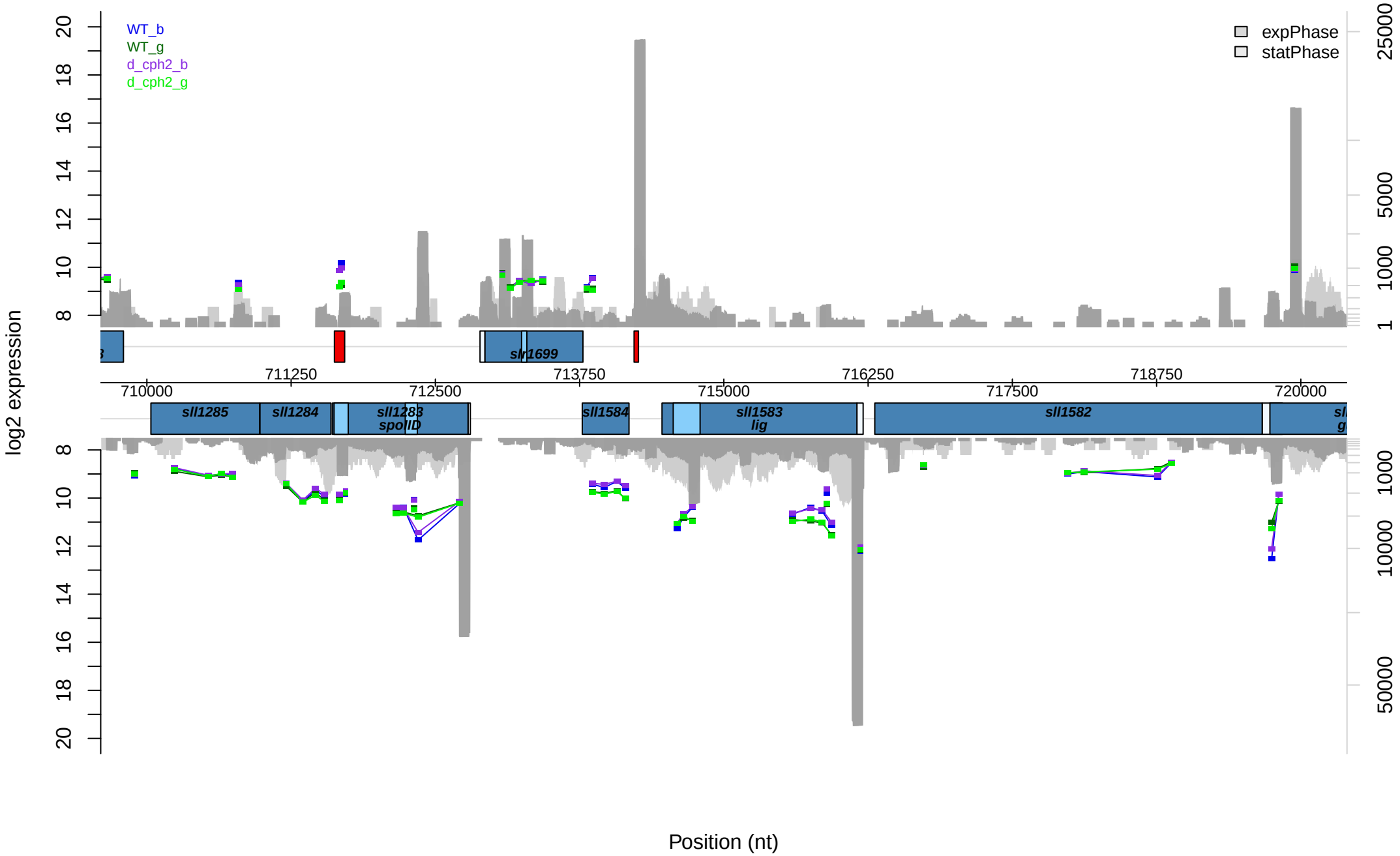

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
tyrS
slr1031
slr1032
slr1033
tyrS
ssr1720
ycf41
slr1034
slr1035
slr1037
sll0986
sll0985
sll0984
sll0983
sll0982
sll0981
660000
661250
662500
663750
665000
666250
667500
668750
670000

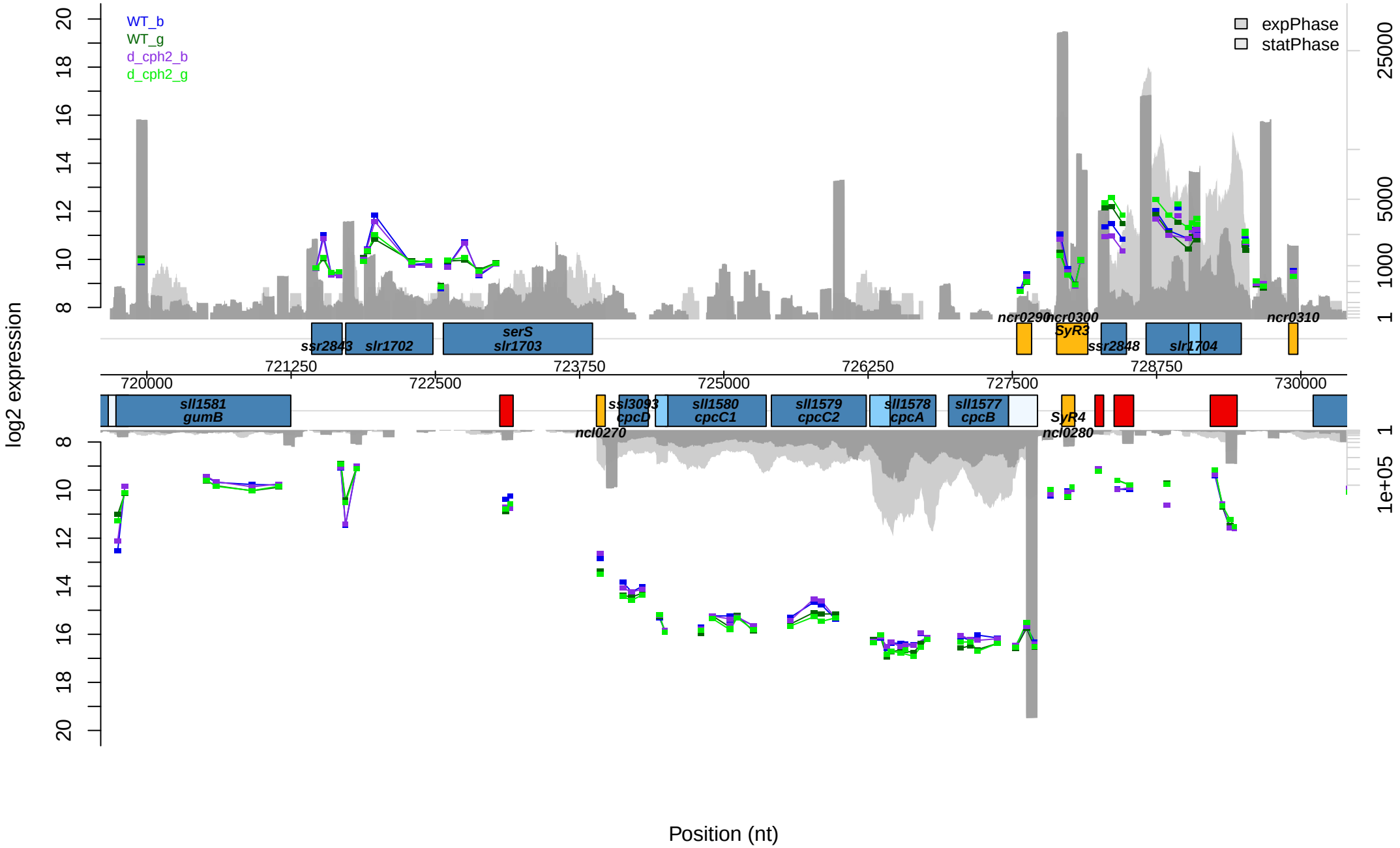

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1039
slr1376
lepB
slr1377
slr1378
cydA
slr1379
cydB
slr1380
ssr2315
slr1383
ssr231
671250
673750
676250
678750
670000
672500
675000
677500
680000
sll0980
ncl0240
sll1300
sll1299
ackA
sll1298
clcD
ssl2653

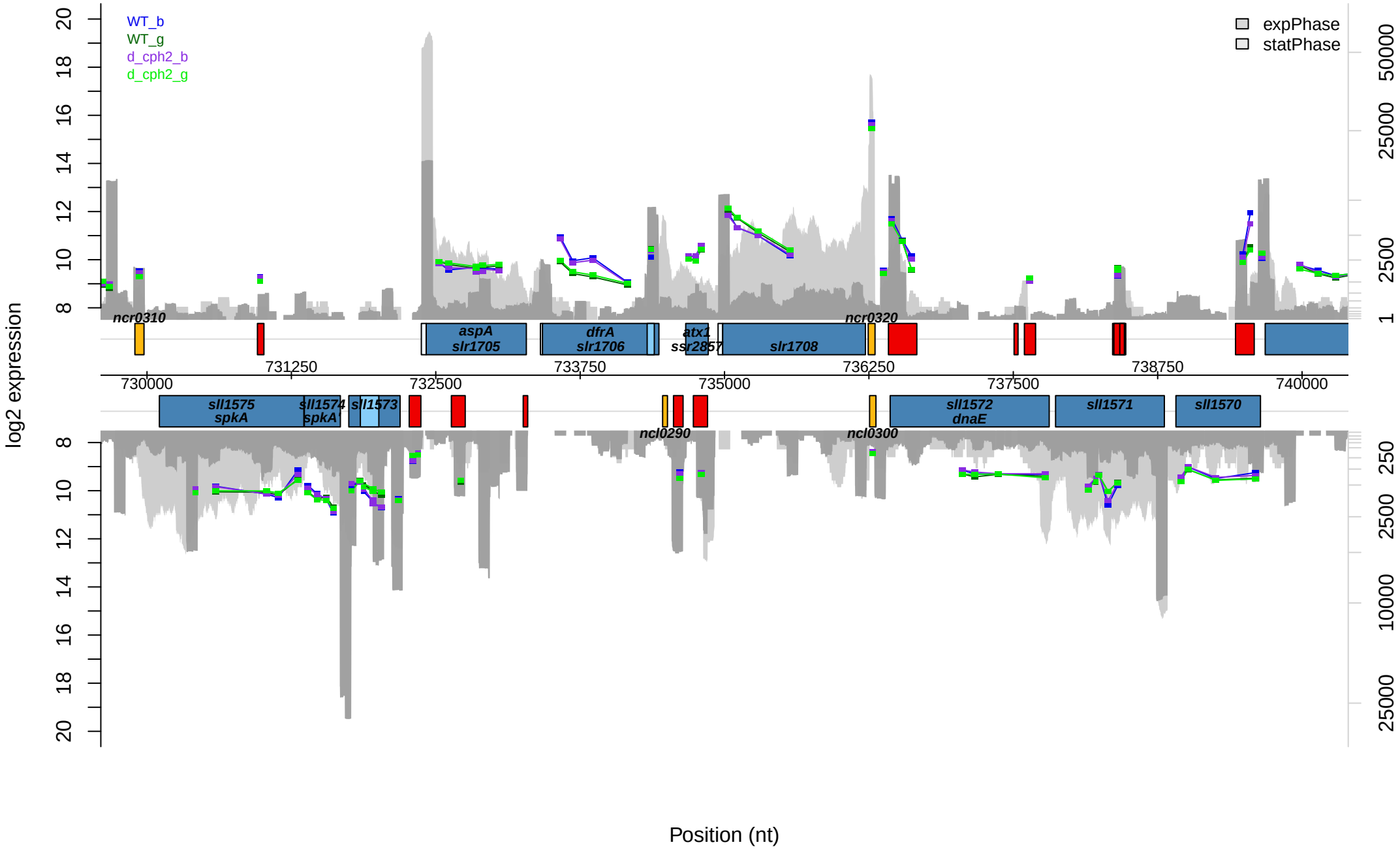

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1384
slr1385
ssr2318
sll1297
pobA
ssl2559
sll1296
hik39
sll1294
pilJ
680000
681250
682500
683750
685000
686250
687500
688750
690000

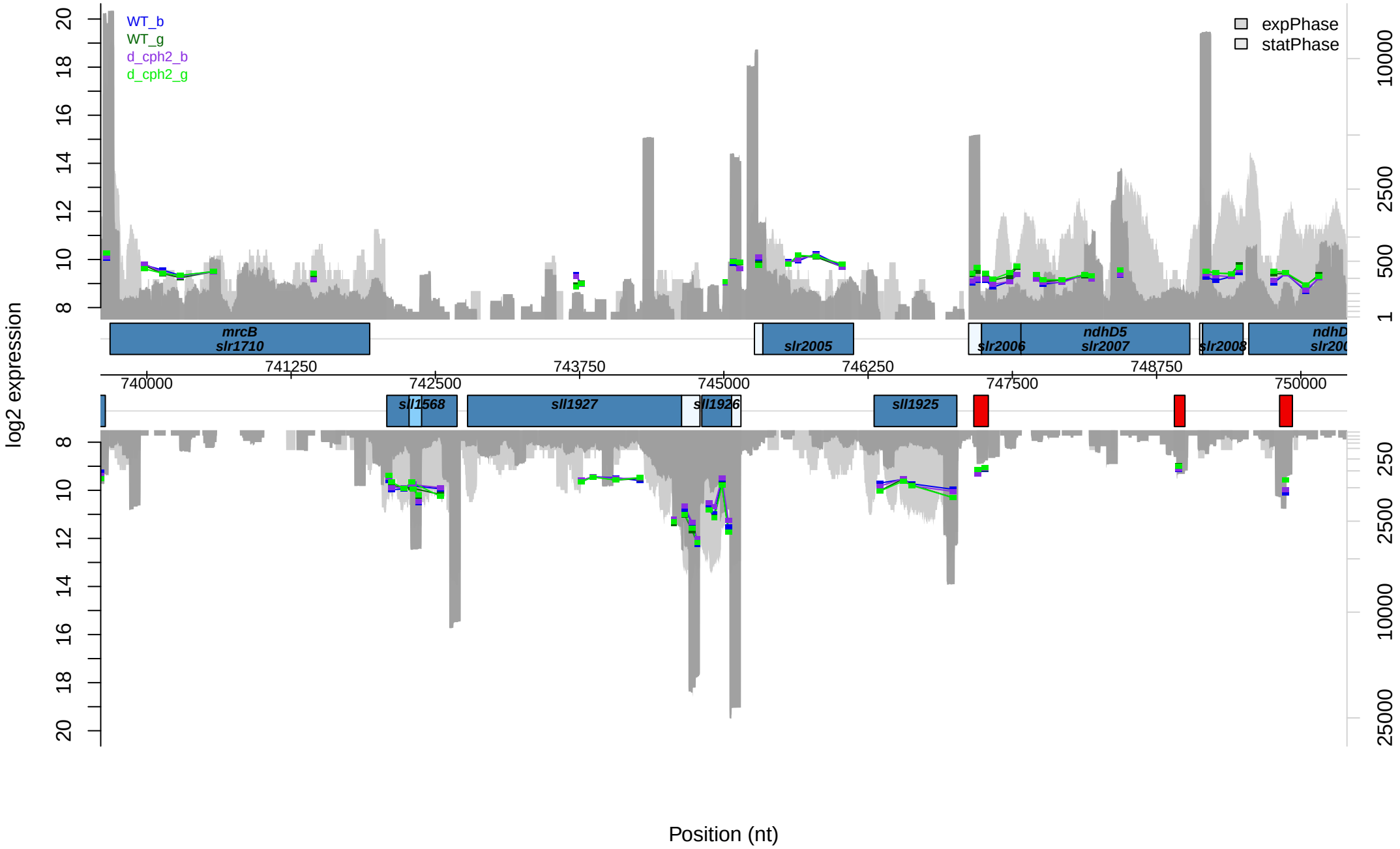

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ftsH
slr1390
slr1391
ssr2333
feoB
slr1392
sll1293
sll1292
sll1291
ncl0250
sll1290
rnb
sll1289
690000
691250
692500
693750
695000
696250
697500
698750
7e+05

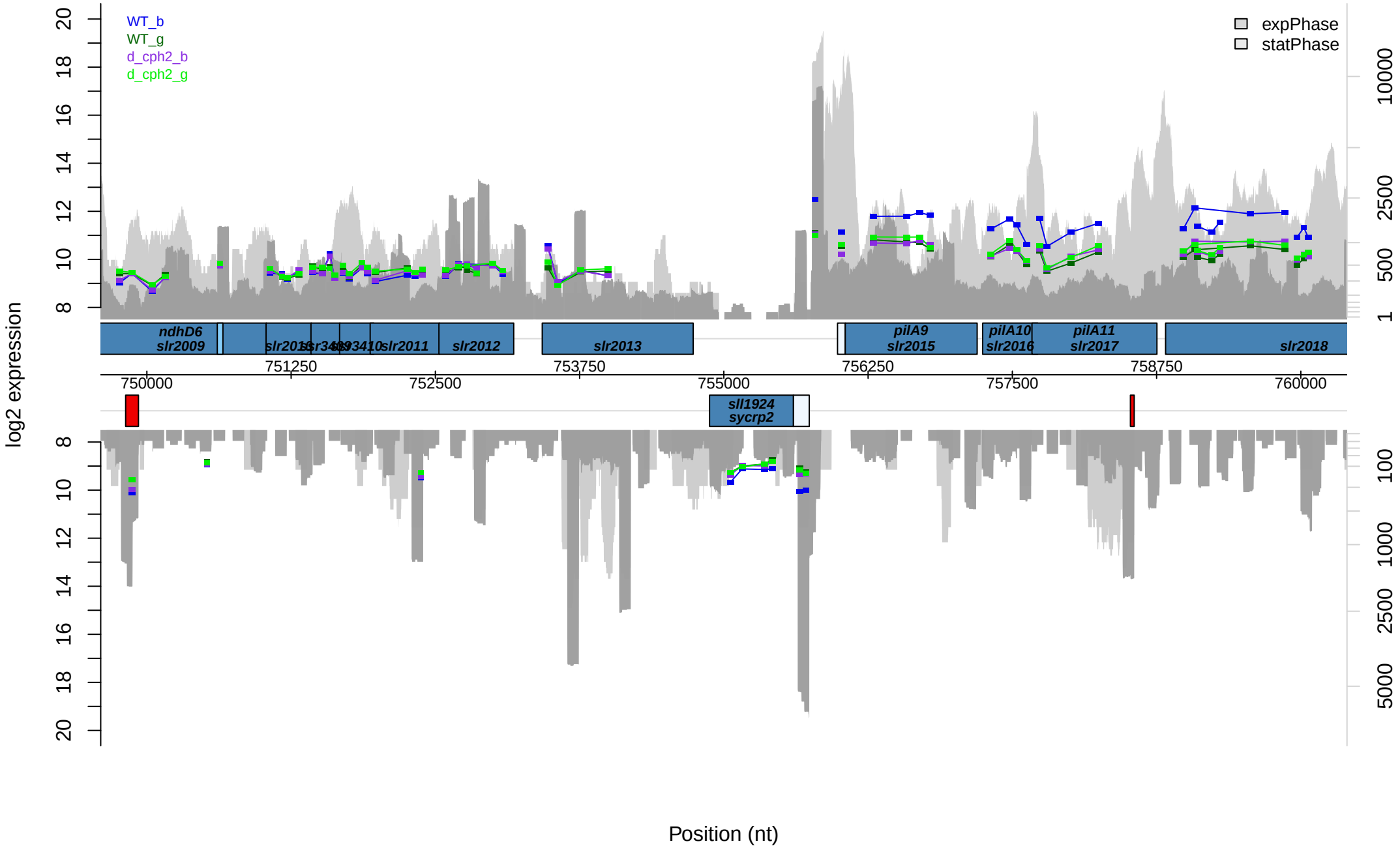

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
feoB
slr1392
hik1
slr1393
slr1394
slr2340
slr1395
slr1396
slr1397
slr1398
ssl2542
hliA, scpC
ncl0260
sll1286
701250
703750
706250
708750
7e+05
702500
705000
707500
710000

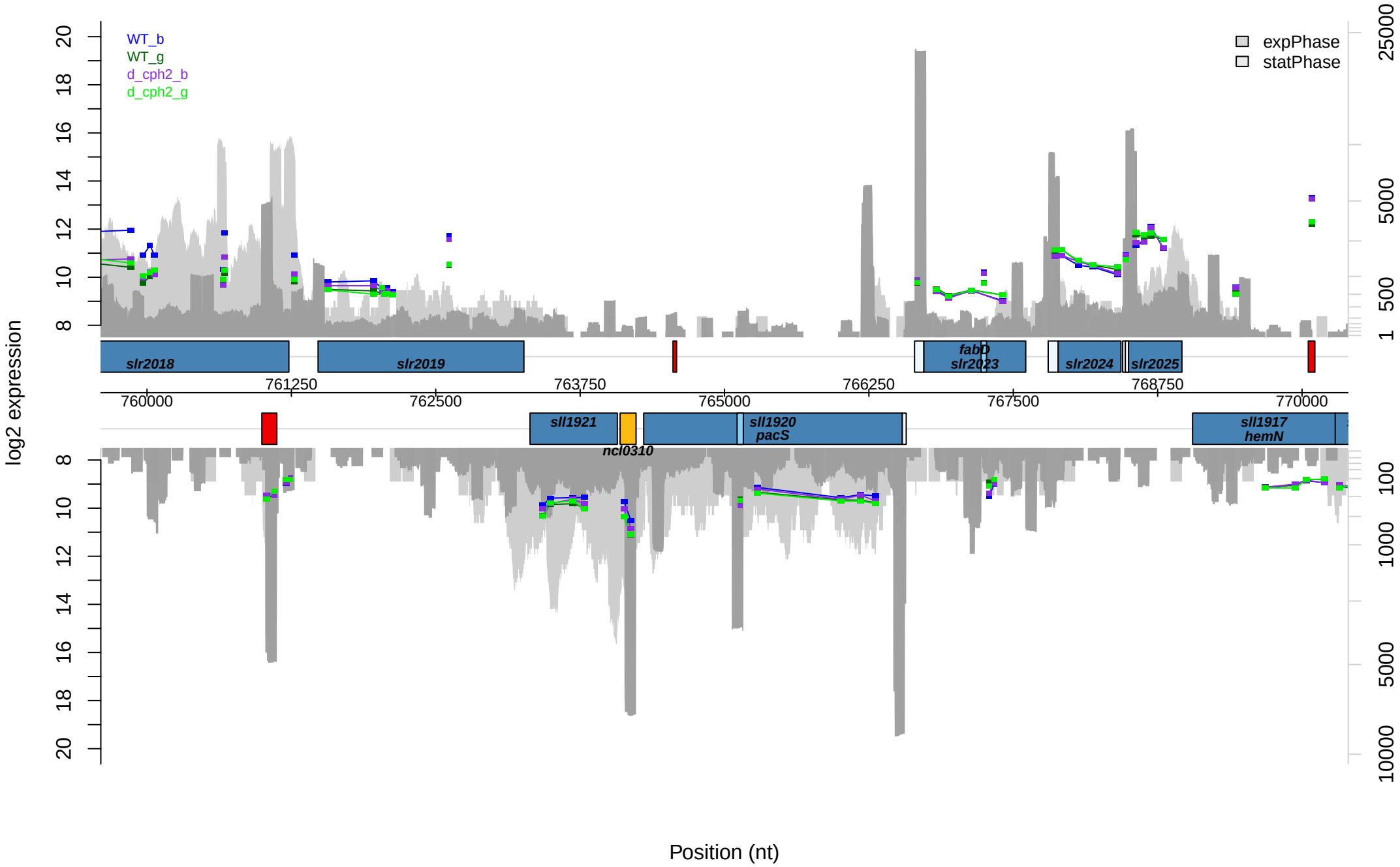

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sll1285
sll1284
sll1283
spoIID
sll1584
sll1583
lig
sll1582
slr1699
710000
711250
712500
713750
715000
716250
717500
718750
720000

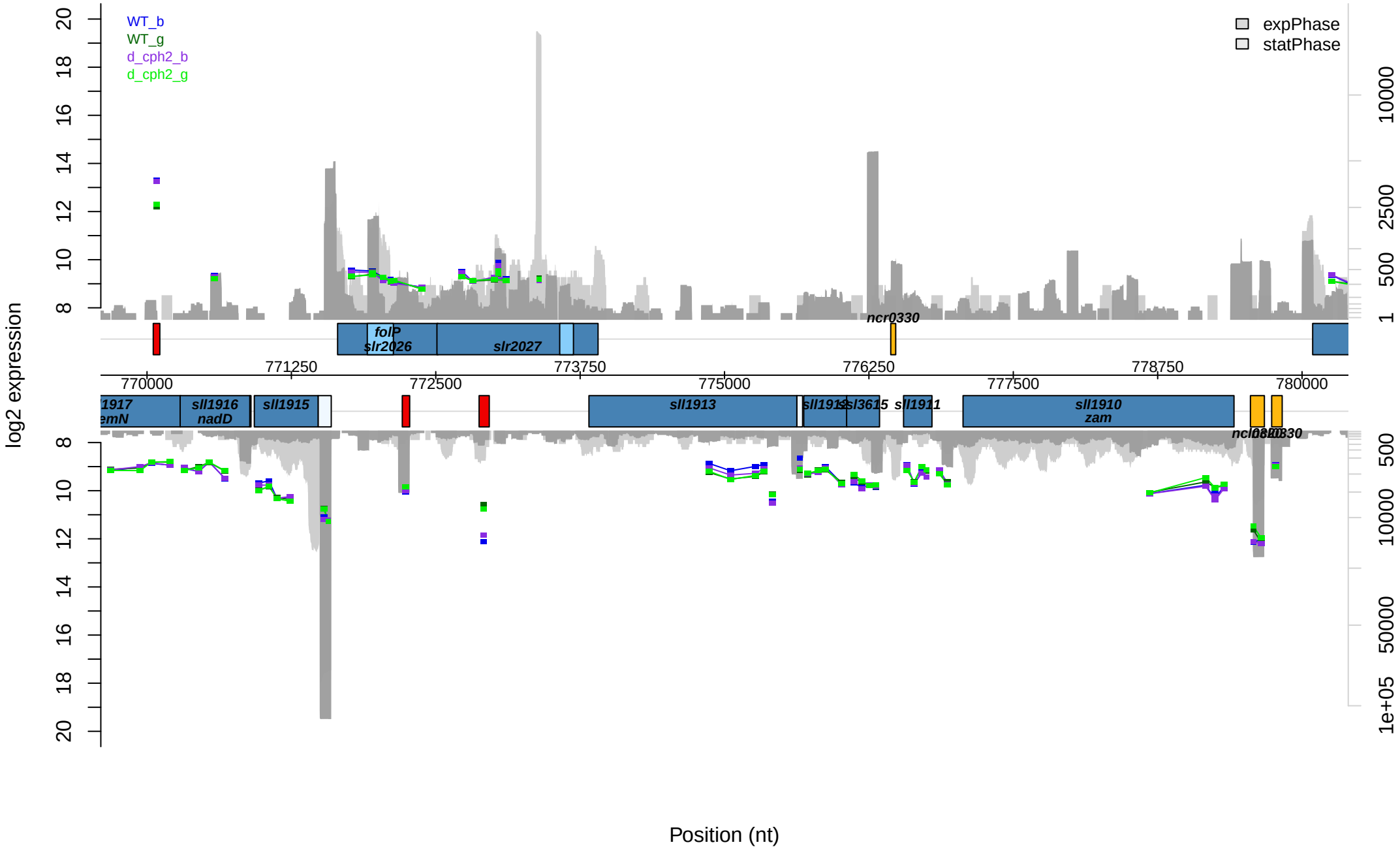

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr2843
slr1702
serS
slr1703
ncr0290
ncr0300
SyR3
ssr2848
slr1704
ncr0310
sll1581
gumB
ssl3093
cpcD
sll1580
cpcC1
sll1579
cpcC2
sll1578
cpcA
sll1577
cpcB
SyR4
ncl0270
ncl0280
720000
721250
722500
723750
725000
726250
727500
728750
730000

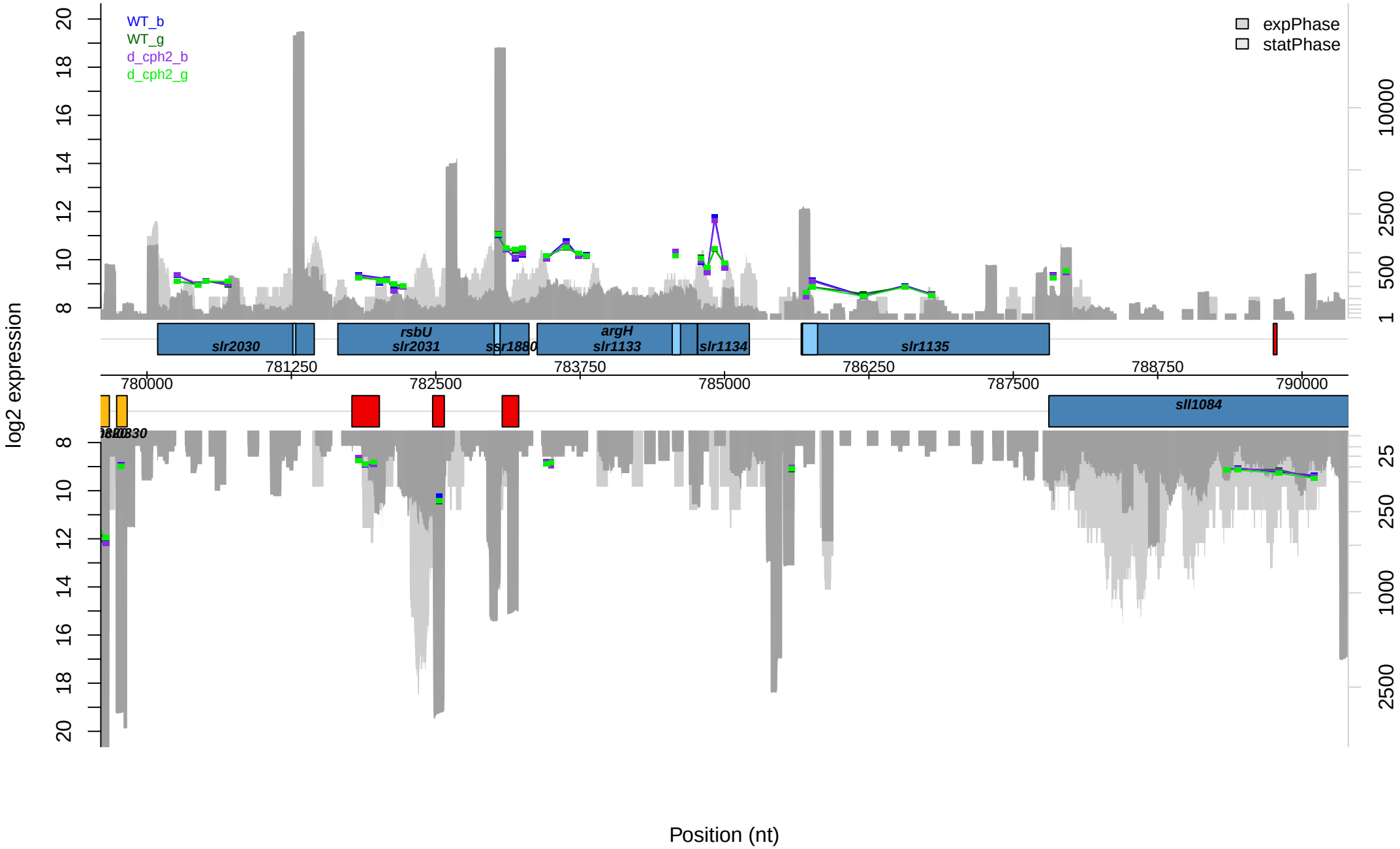

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0310
aspA
slr1705
dfrA
slr1706
atx1
ssr2857
slr1708
ncr0320
sll1575
spkA
sll1574
spkA
sll1573
ncl0290
ncl0300
sll1572
dnaE
sll1571
sll1570
730000
731250
732500
733750
735000
736250
737500
738750
740000

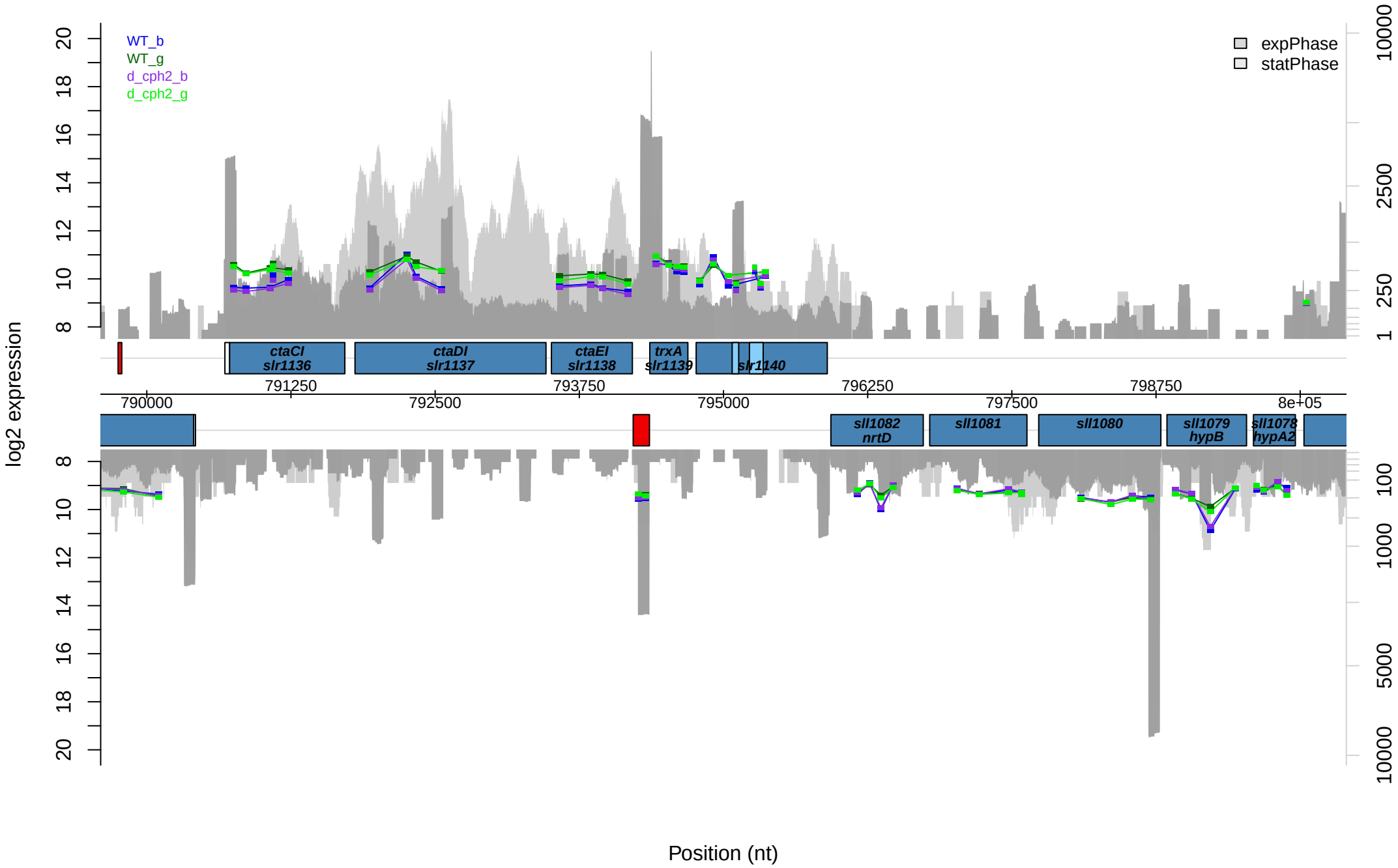

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
mrcB
slr1710
slr2005
slr2006
ndhD5
slr2007
slr2008
sll1568
sll1927
sll1926
sll1925
740000
741250
742500
743750
745000
746250
747500
748750
750000

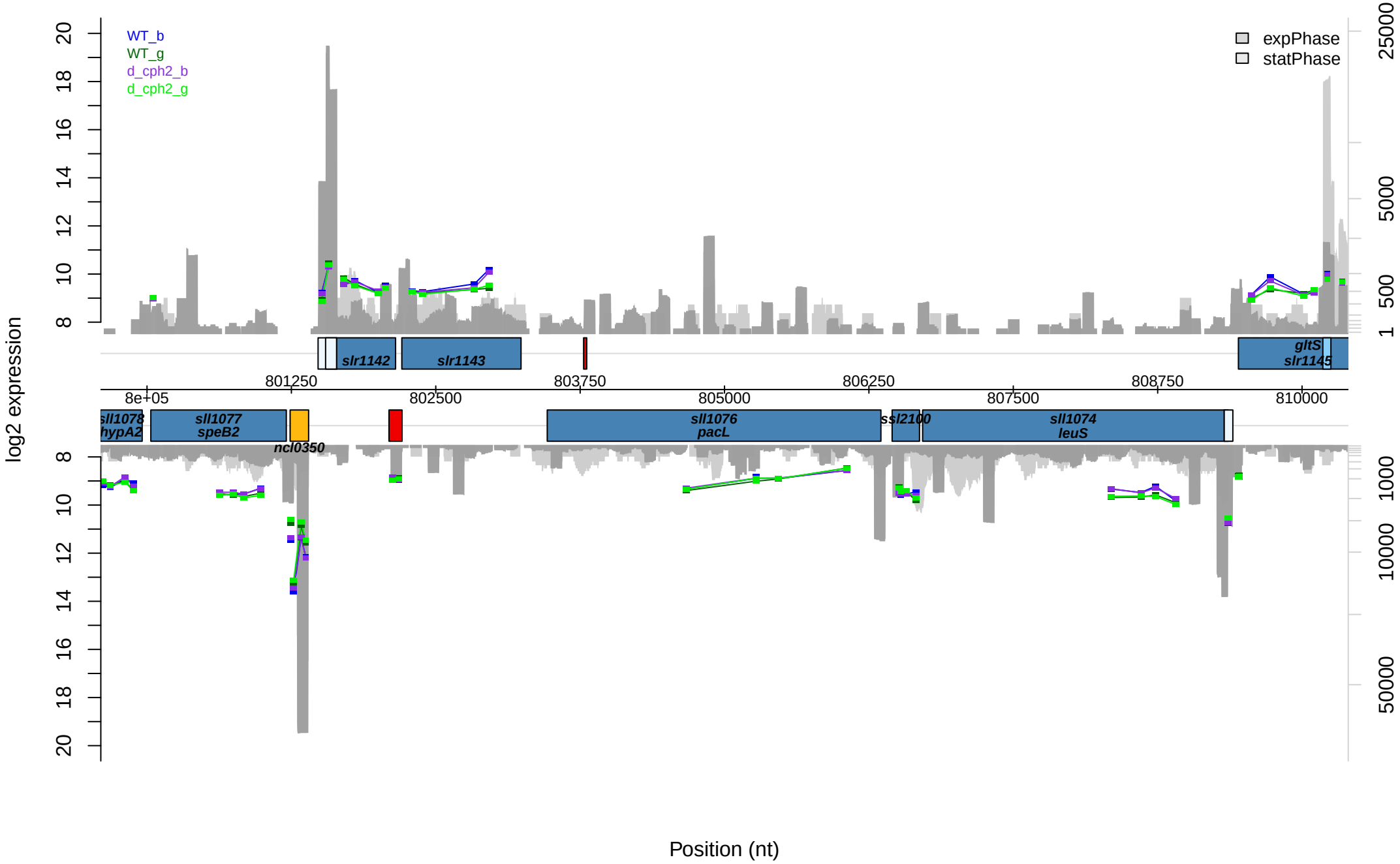

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
ndhD6
slr2009
slr2012
slr2013
pilA9
slr2015
pilA10
slr2016
pilA11
slr2017
slr2018
sll1924
sycrp2
750000
751250
752500
753750
755000
756250
757500
758750
760000
Position (nt)

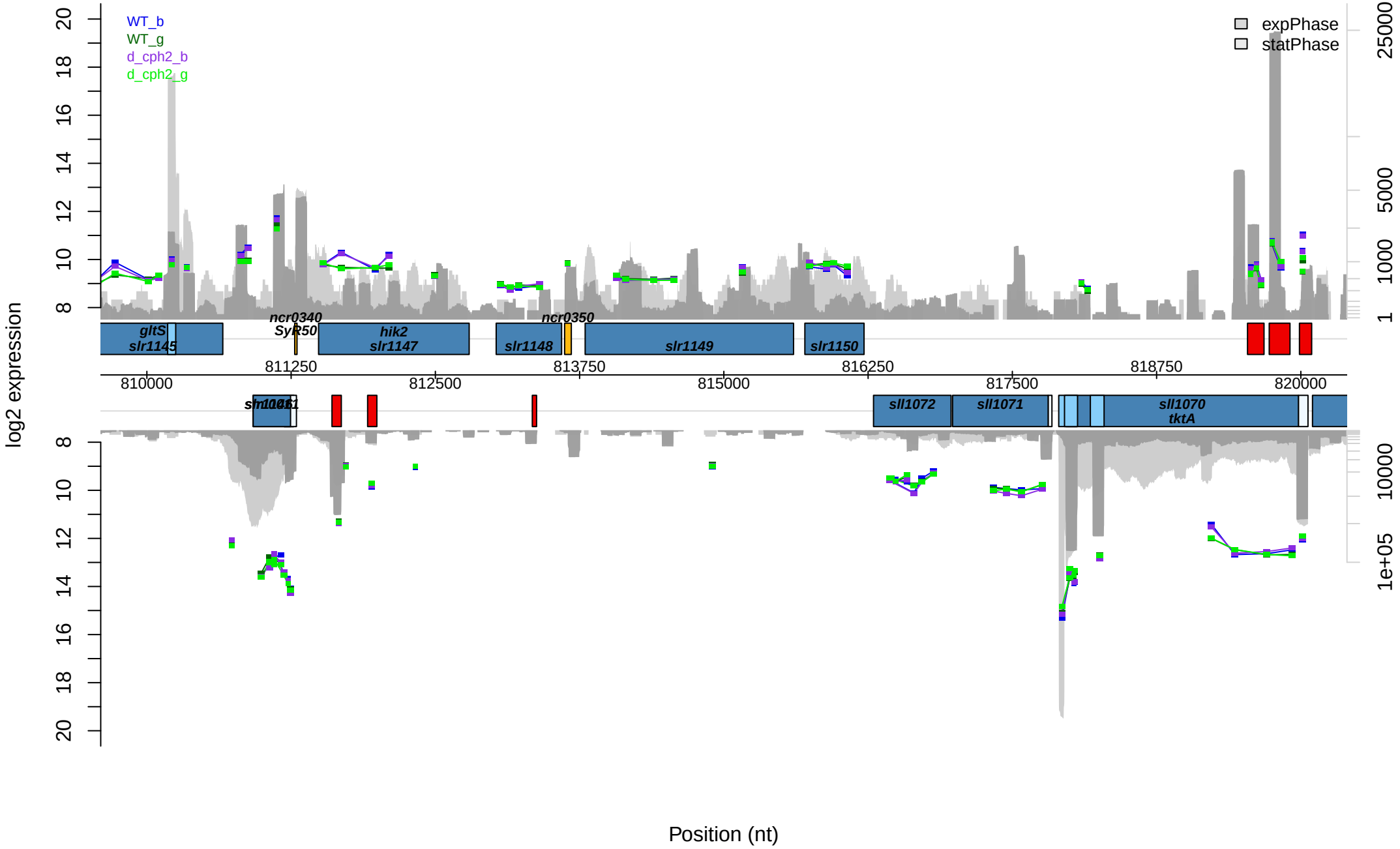

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2018
slr2019
fabD
slr2023
slr2024
slr2025
sll1921
ncl0310
sll1920
pacS
sll1917
hemN
760000
761250
762500
763750
765000
766250
767500
768750
770000

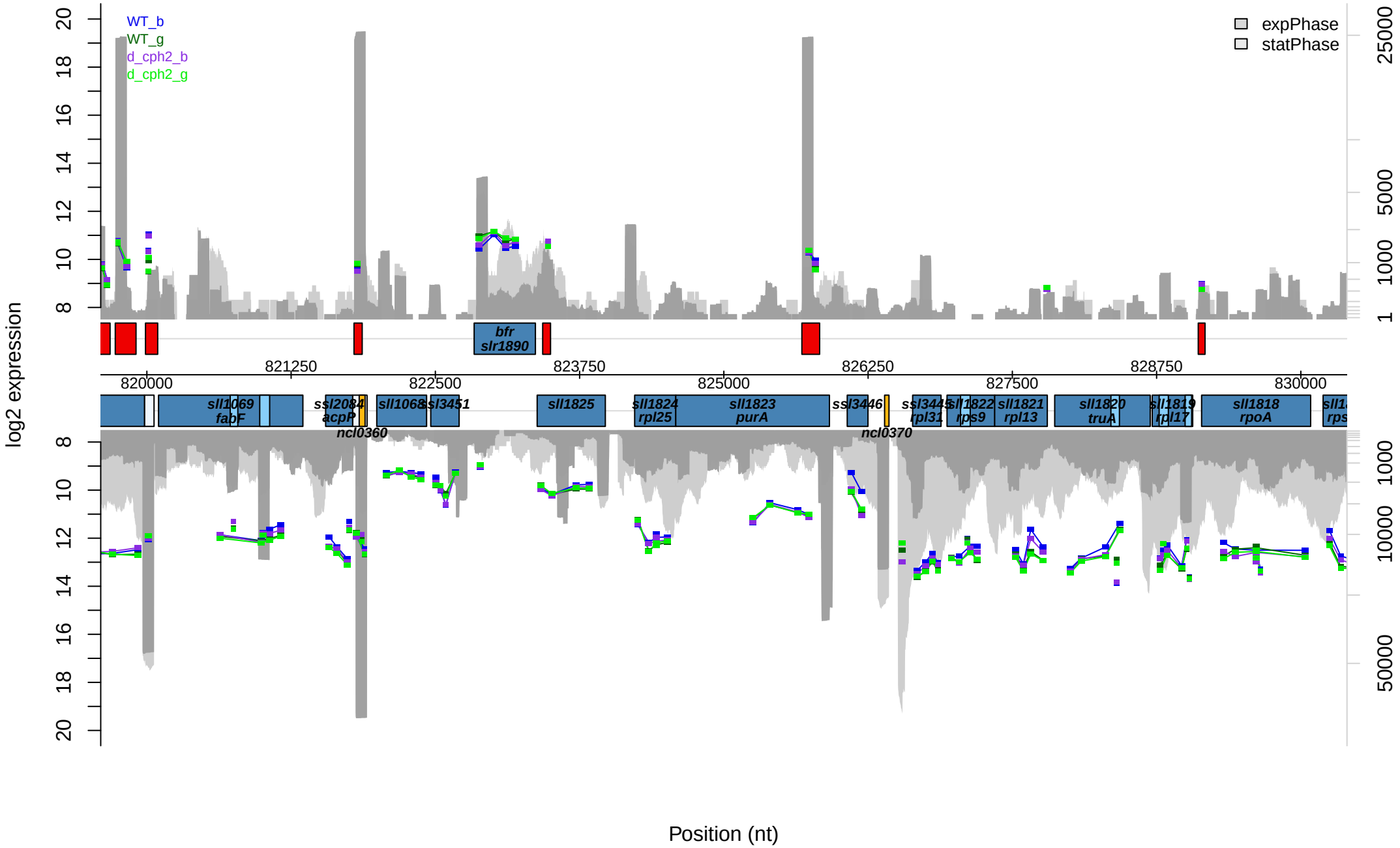

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
folP
slr2026
slr2027
ncr0330
sll1916
nadD
sll1915
sll1913
sll3615
sll1911
sll1910
zam
771250
773750
776250
778750
770000
772500
775000
777500
780000
8
10
12
14
16
18
20
1
500
2500
10000
50000
1e+05

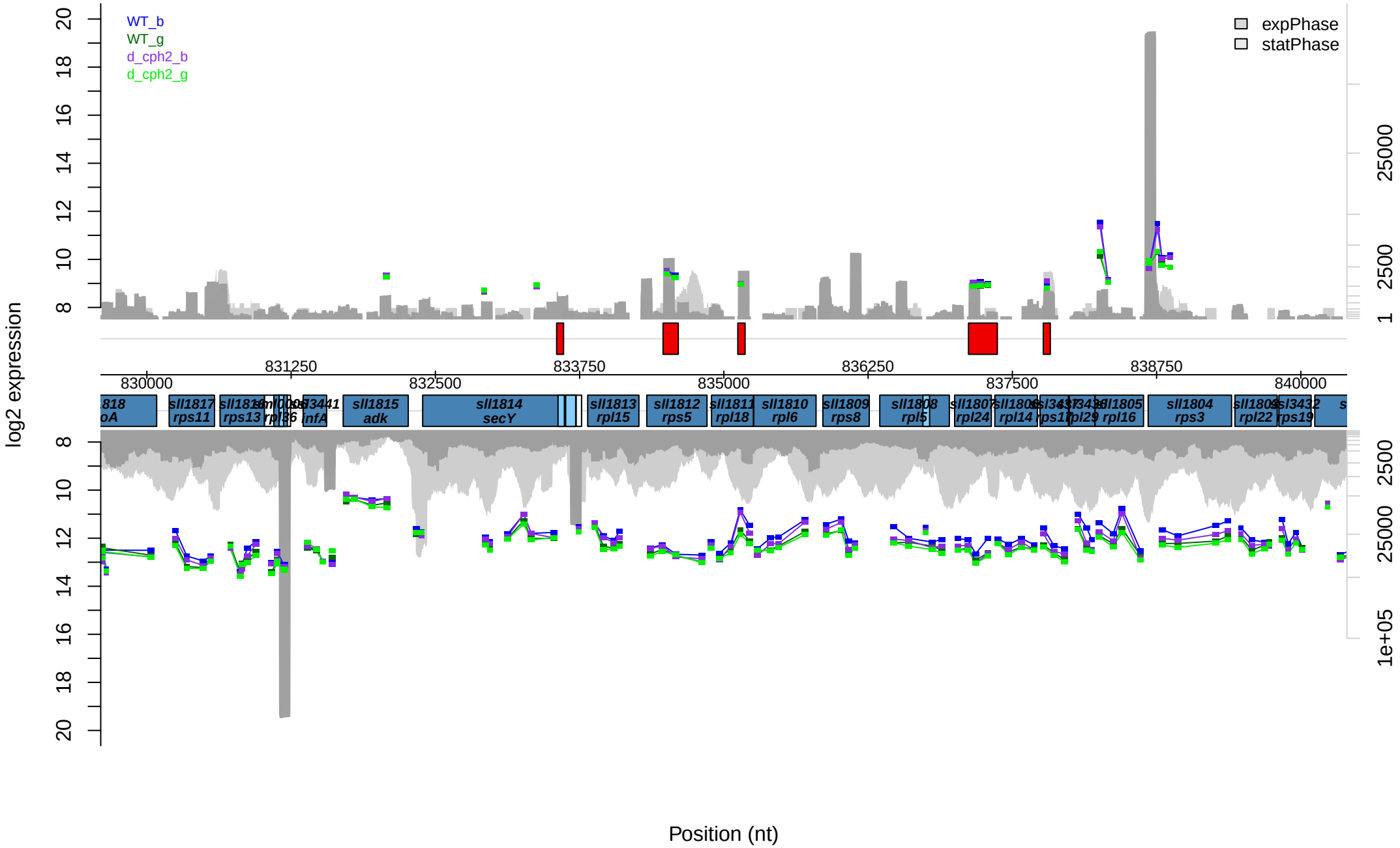

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2030
rsbU
slr2031
ssr1880
argH
slr1133
slr1134
slr1135
sll1084
781250
783750
786250
788750
780000
782500
785000
787500
790000

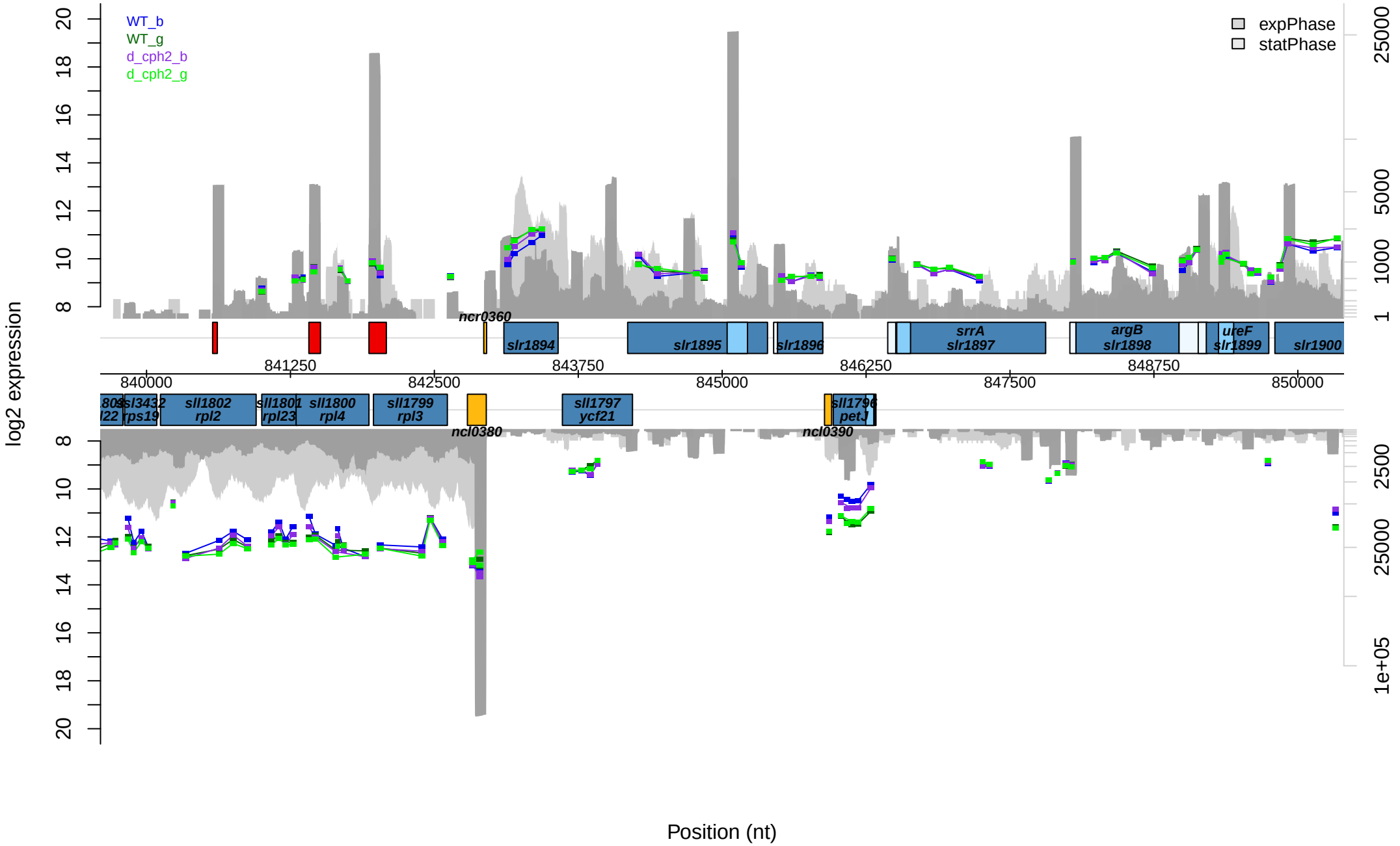

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ctaCI slr1136
ctaDI slr1137
ctaEI slr1138
trxA slr1139
slr1140
sll1082 nrtD
sll1081
sll1080
sll1079 hypB
sll1078 hypA2
790000
791250
792500
793750
795000
796250
797500
798750
8e+05

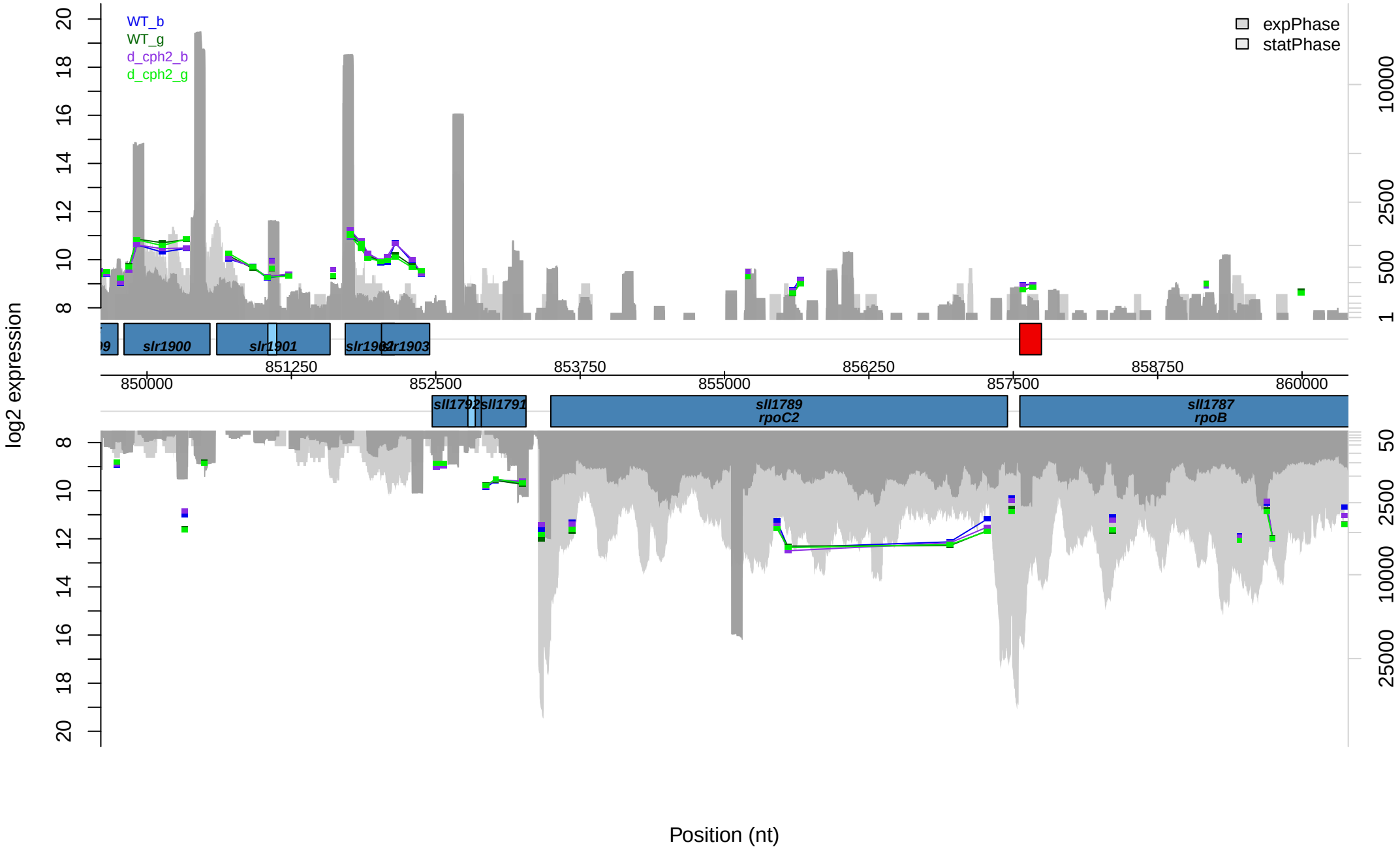

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1142
slr1143
gltS
slr1145
sll1078
hypA2
sll1077
speB2
ncl0350
sll1076
pacL
ssl2100
sll1074
leuS
801250
802500
803750
805000
806250
807500
808750
810000
8e+05

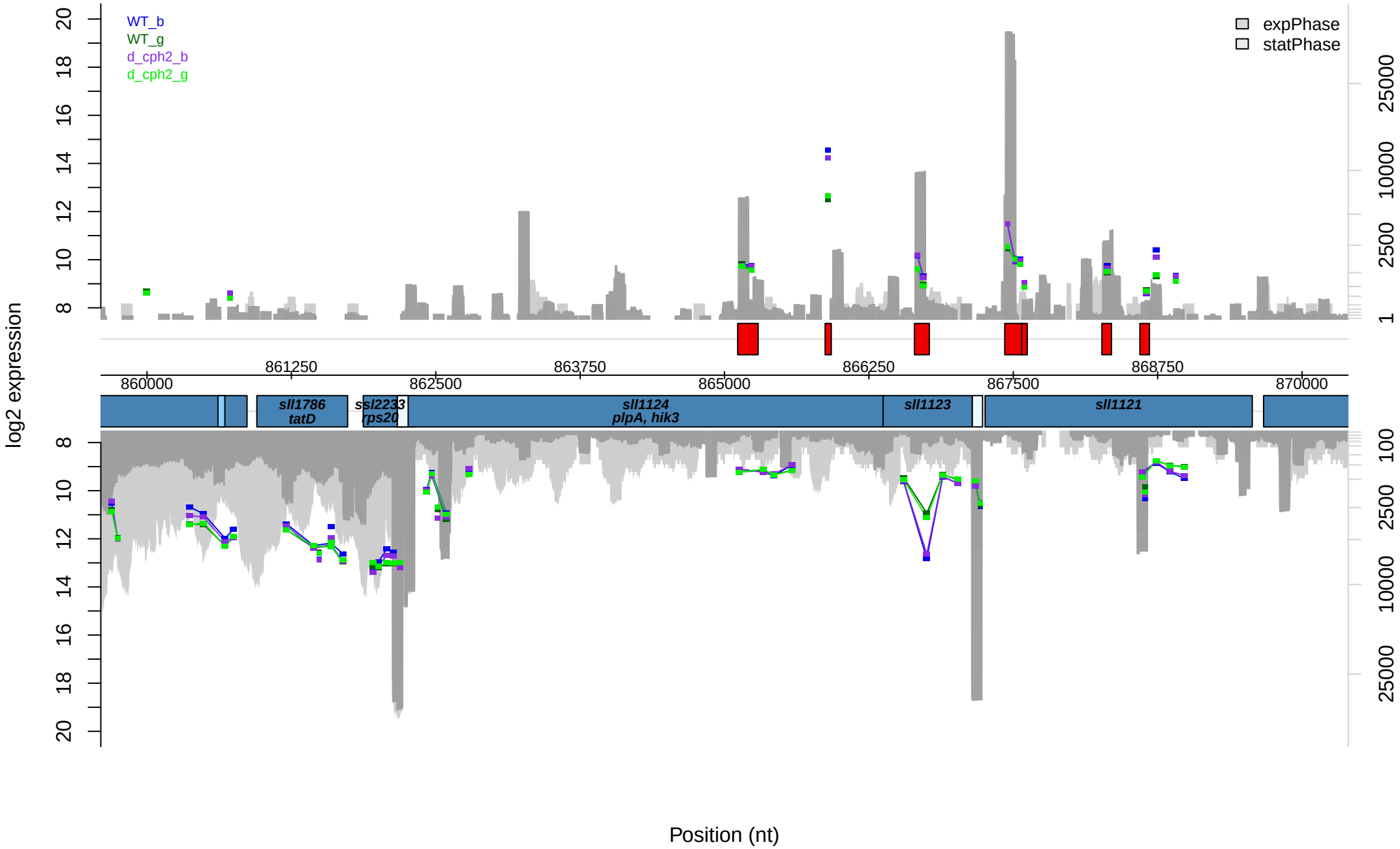

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
gltS
slr1145
ncr0340
SyR50
hik2
slr1147
slr1148
ncr0350
slr1149
slr1150
sll1072
sll1071
sll1070
tktA
810000
811250
812500
813750
815000
816250
817500
818750
820000

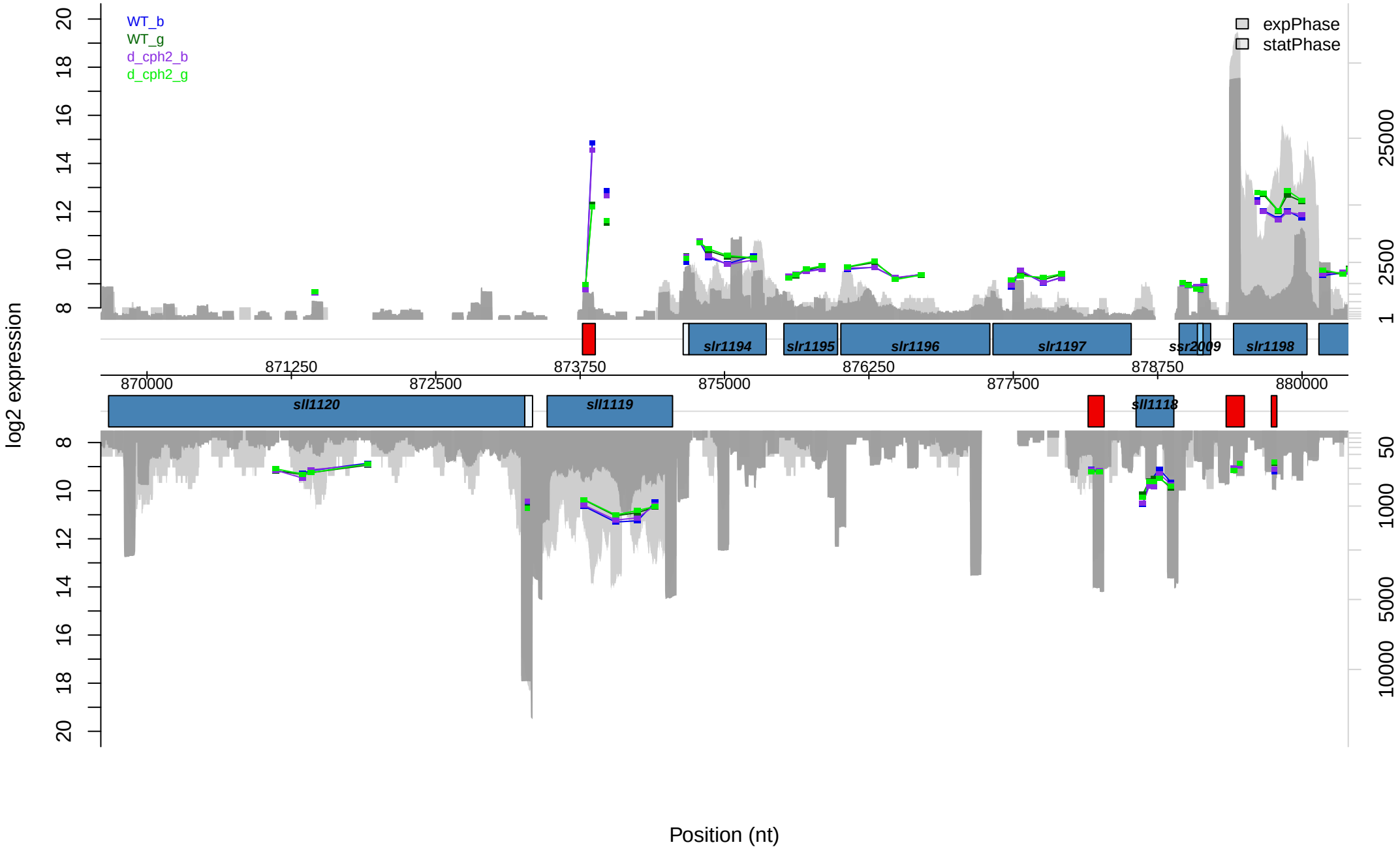

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
bfr
slr1890
sll1069
fabF
ssl2084
acpP
ncl0360
sll1068
ssl3451
sll1825
sll1824
rpl25
sll1823
purA
ssl3446
ncl0370
ssl3445
rpl31
sll1822
rps9
sll1821
rpl13
sll1820
truA
sll1819
rpl17
sll1818
rpoA

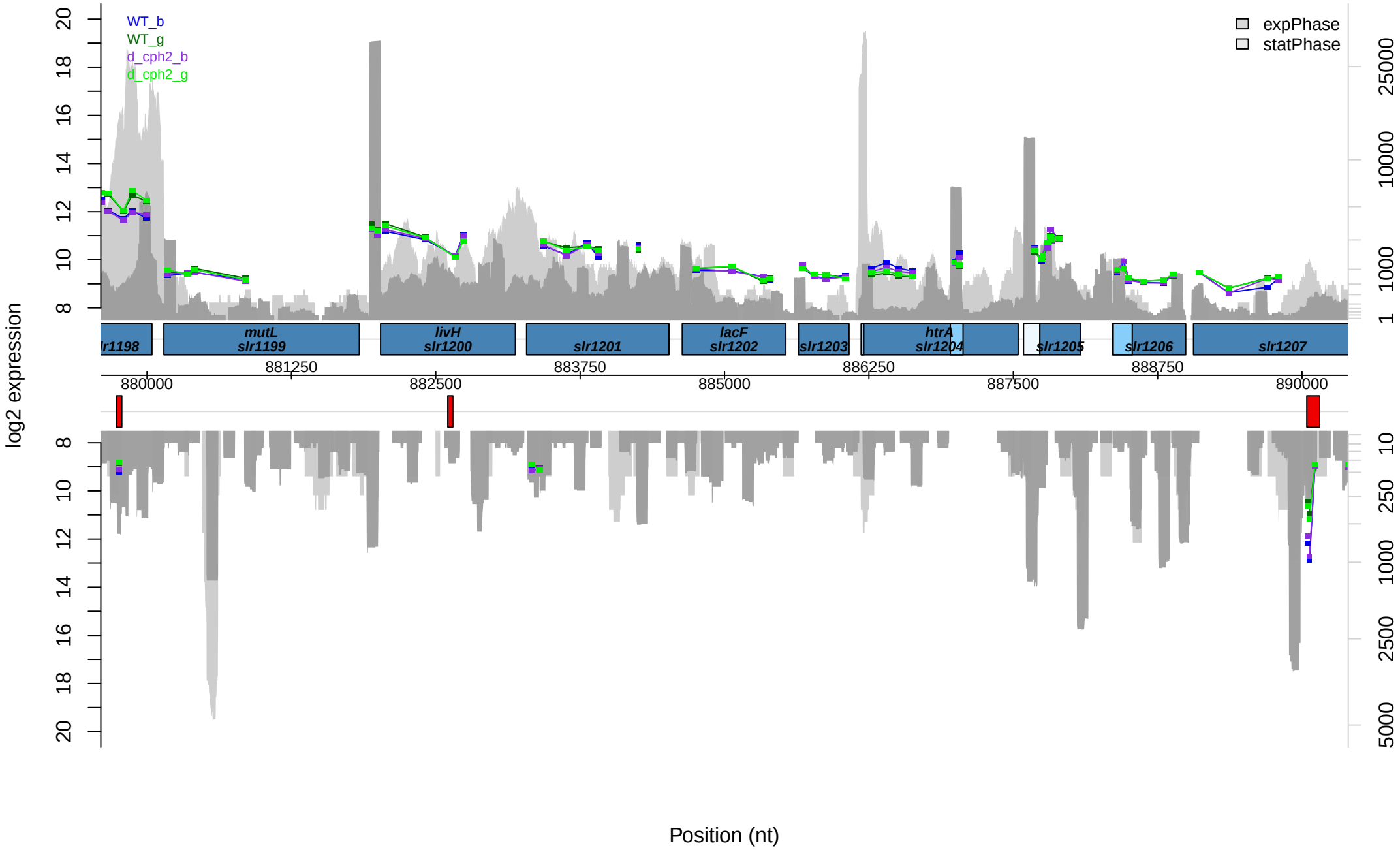

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
831250
833750
836250
838750
830000
832500
835000
837500
840000
sll1817 rps11
sll1815 adk
sll1814 secY
sll1813 rpl15
sll1812 rps5
sll1810 rpl6
sll1809 rps8
sll1804 rps3

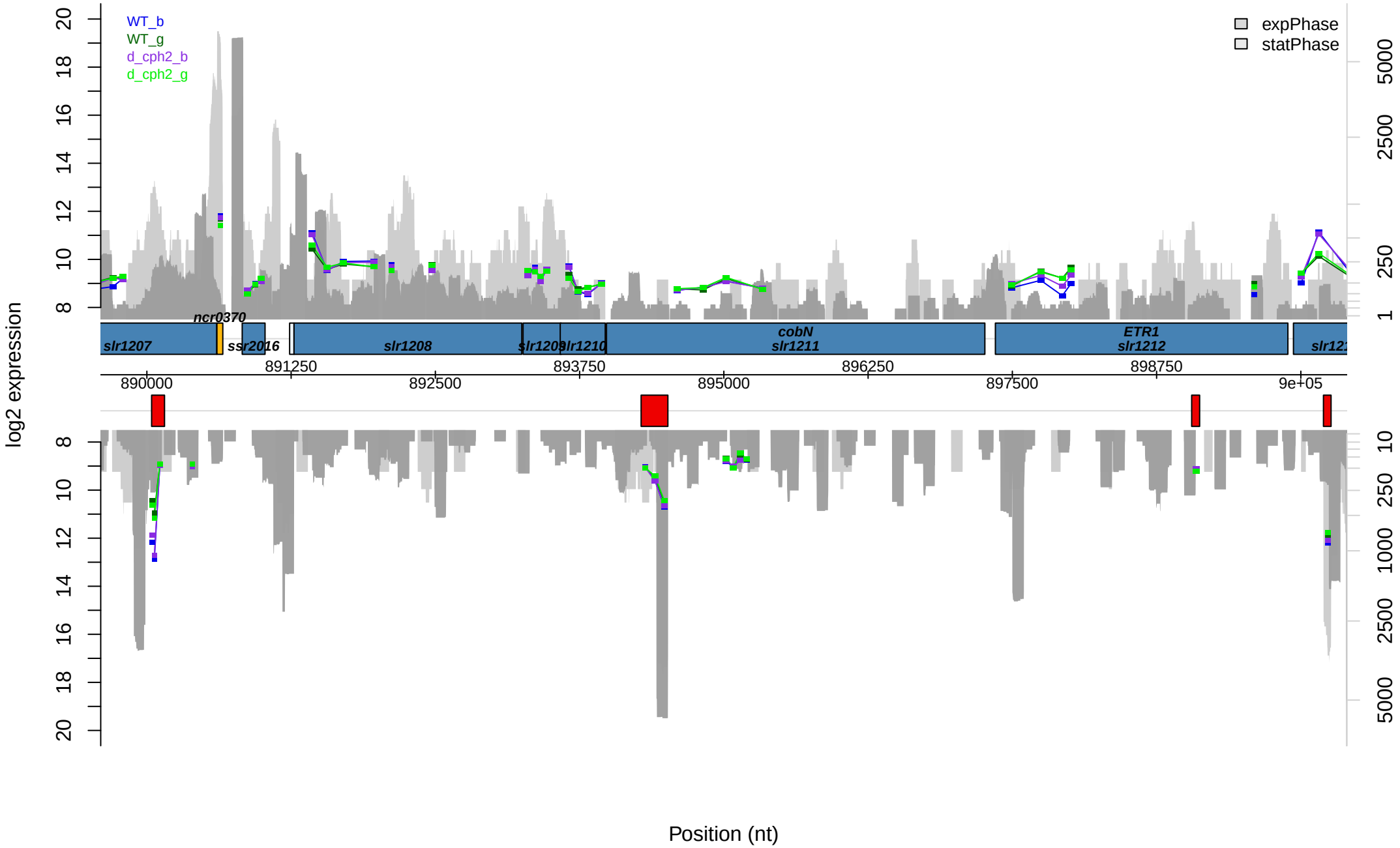

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0360
slr1894
slr1895
slr1896
srrA
slr1897
argB
slr1898
ureF
slr1899
slr1900
sll1802
rpl2
sll1801
rpl23
sll1800
rpl4
sll1799
rpl3
ncl0380
sll1797
ycf21
ncl0390
petJ
840000
841250
842500
843750
845000
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847500
848750
850000

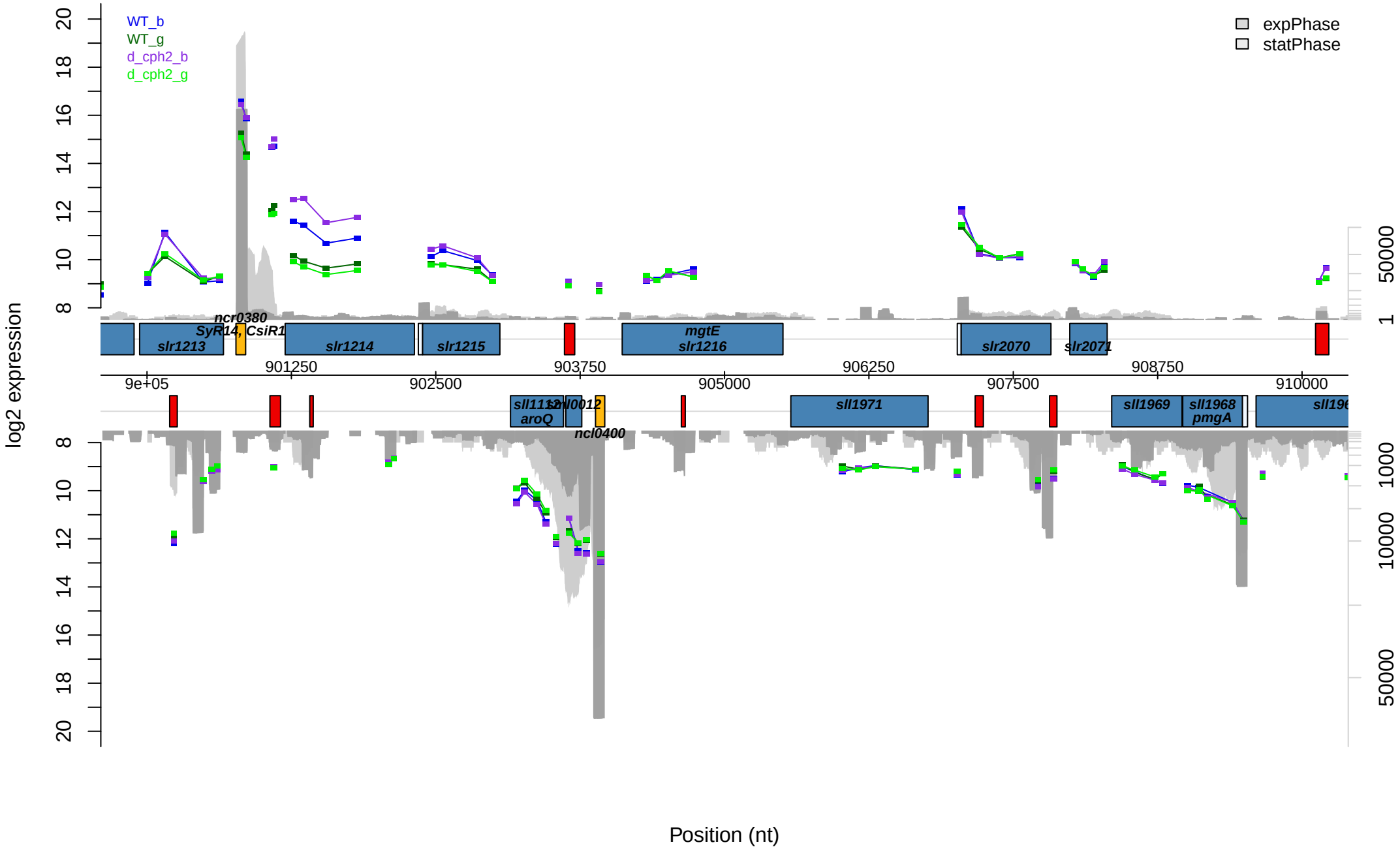

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1900
slr1901
slr1903
sll1792
sll1791
sll1789
rpoC2
sll1787
rpoB
850000
851250
852500
853750
855000
856250
857500
858750
860000

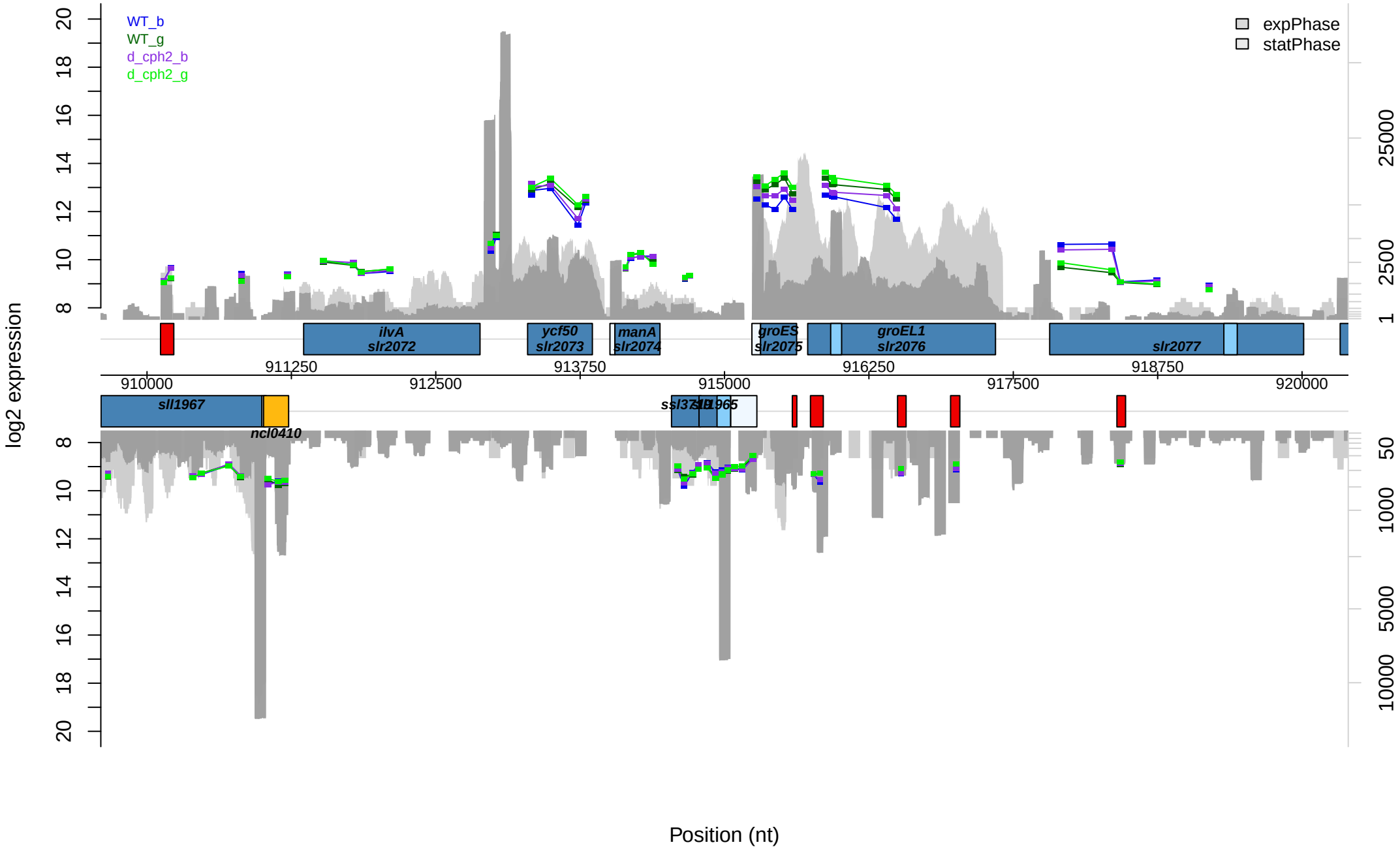

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
2500
10000
25000
100
860000
861250
862500
863750
865000
866250
867500
868750
870000
sll1786
tatD
ssl2233
rps20
sll1124
plpA, hik3
sll1123
sll1121
Position (nt)

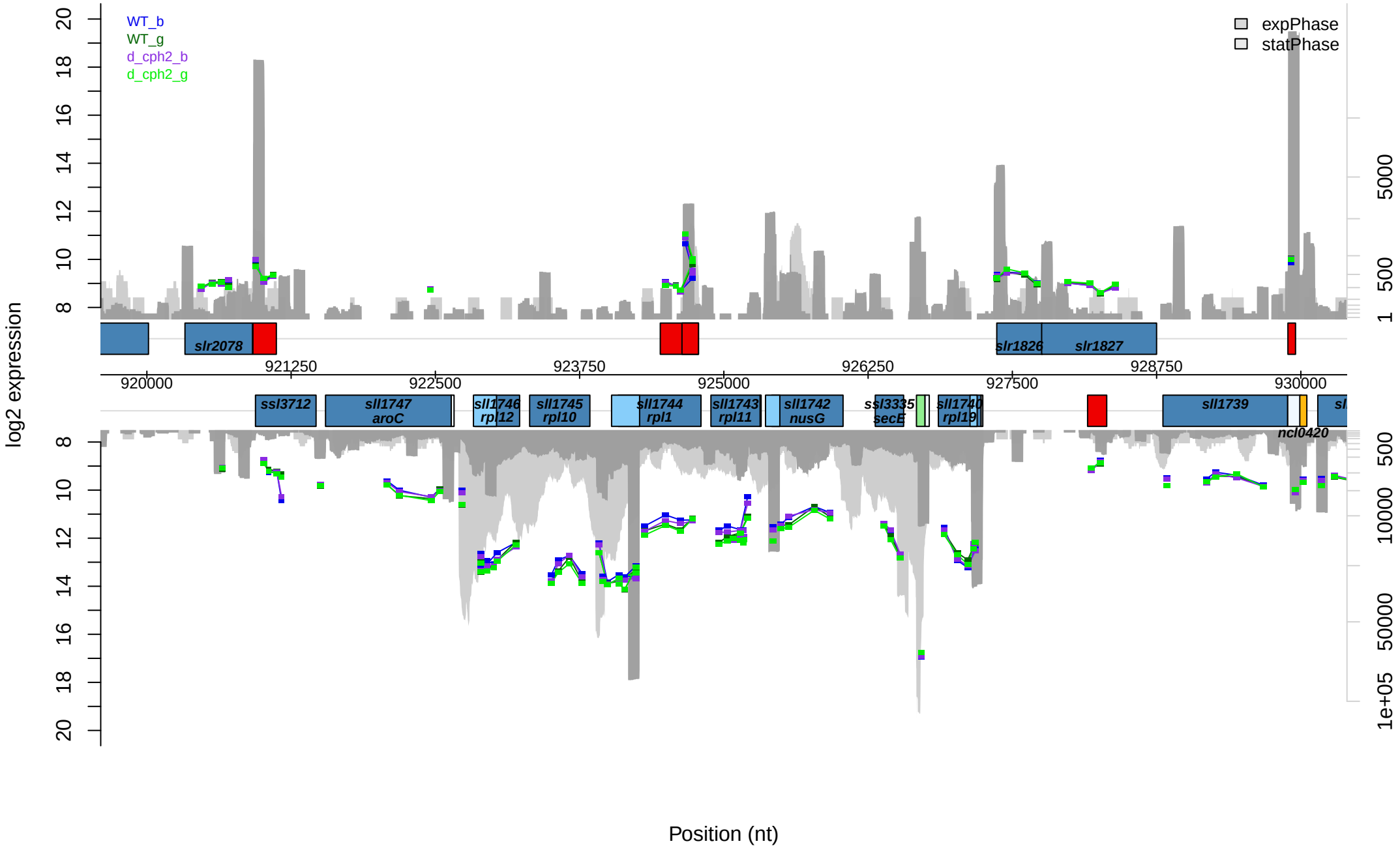

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1194
slr1195
slr1196
slr1197
ssr2009
slr1198
sll1120
sll1119
sll1118
870000
871250
872500
873750
875000
876250
877500
878750
880000

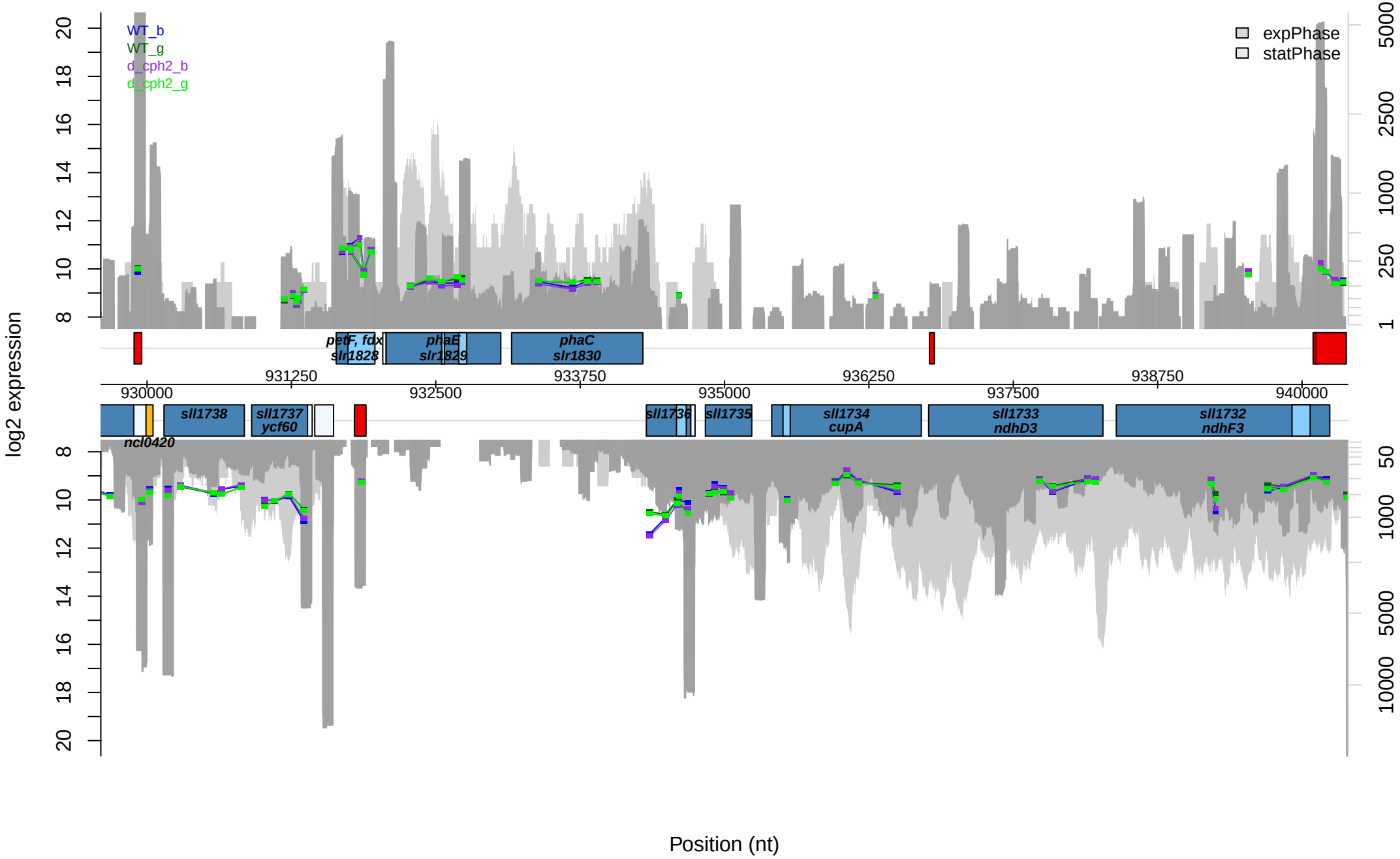

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
lr1198
mutL
slr1199
livH
slr1200
slr1201
lacF
slr1202
slr1203
htrA
slr1204
slr1205
slr1206
slr1207
880000
881250
882500
883750
885000
886250
887500
888750
890000

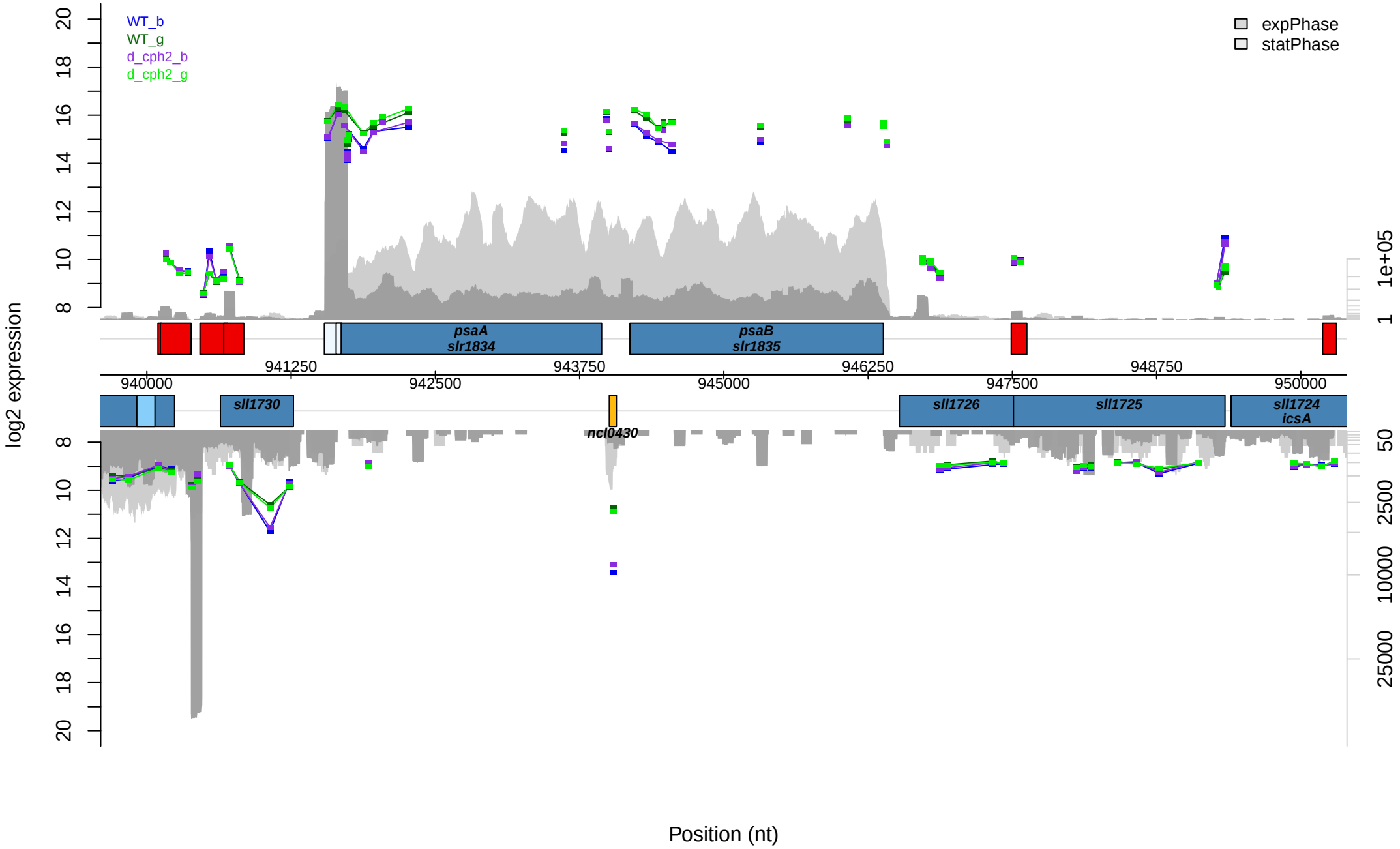

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0370
slr1207
ssr2016
slr1208
slr1209
slr1210
cobN
slr1211
ETR1
slr1212
890000
891250
892500
893750
895000
896250
897500
898750
9e+05

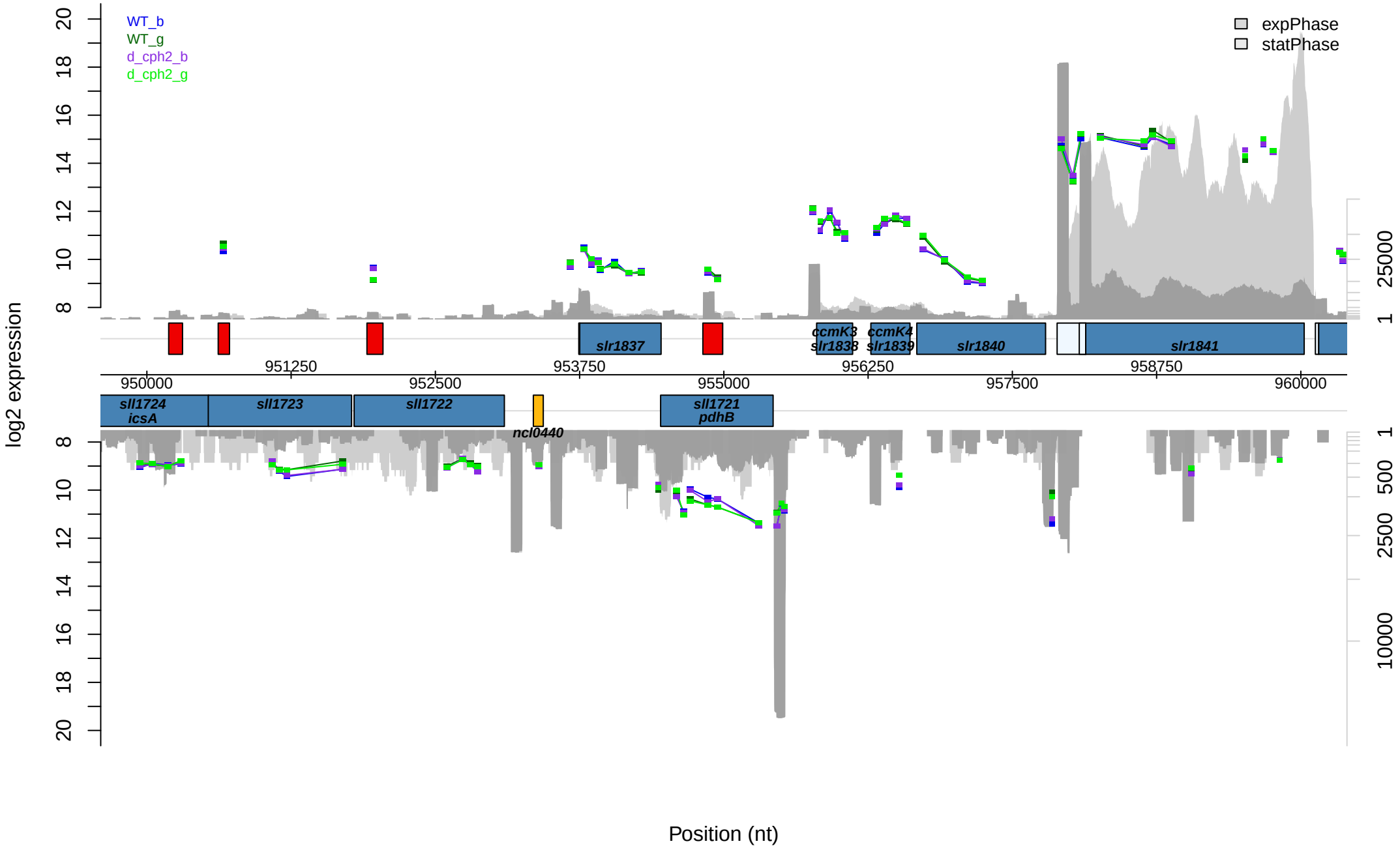

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0380
SyR14, CsiR1
slr1213
slr1214
slr1215
mgtE
slr1216
slr2070
slr2071
sll1971
sll1969
sll1968
pmgA
aroQ
ncl0400
901250
903750
906250
908750
9e+05
902500
905000
907500
910000

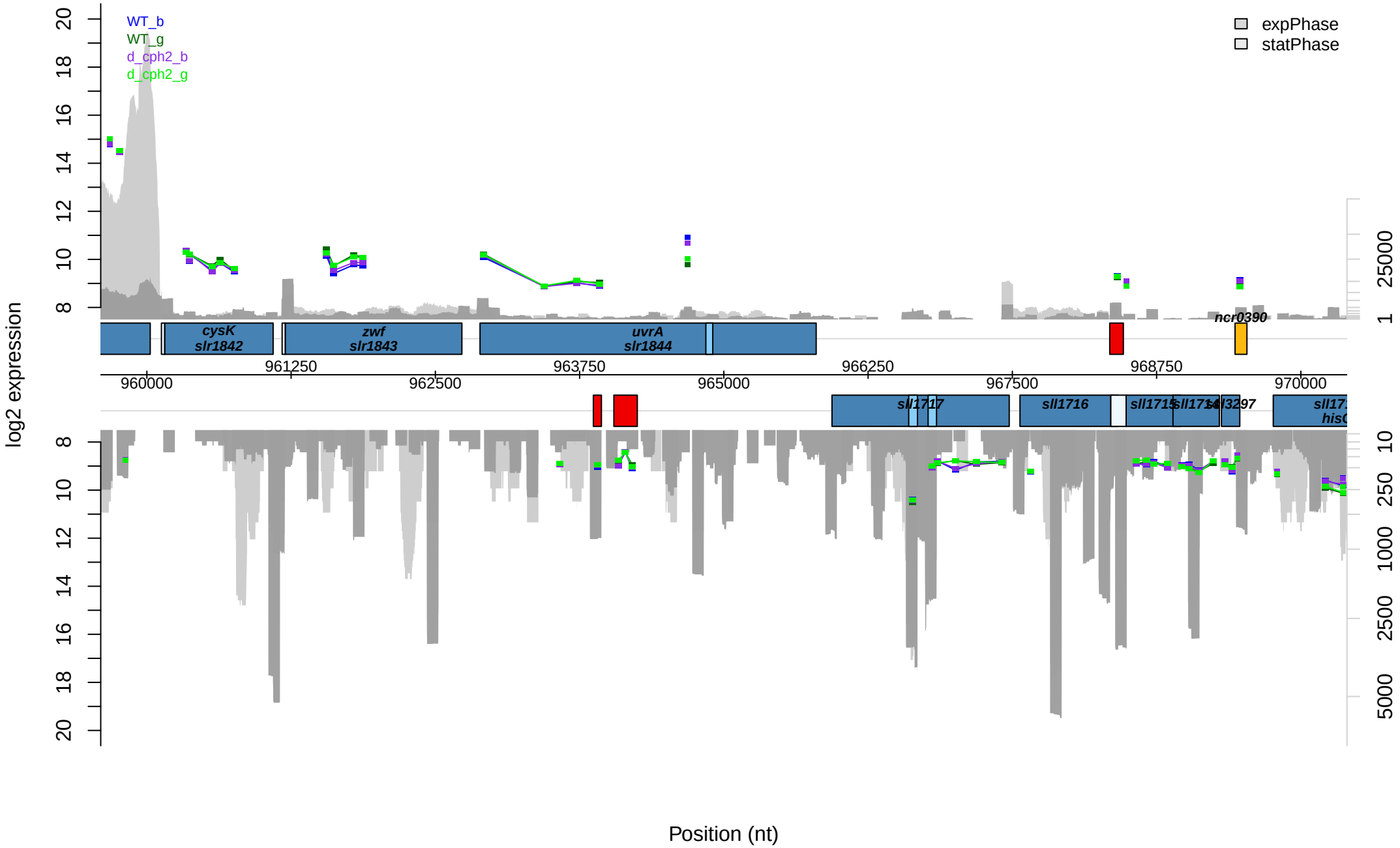

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ilvA
slr2072
ycf50
slr2073
manA
slr2074
groES
slr2075
groEL1
slr2076
slr2077
sll1967
ncl0410
910000
911250
912500
913750
915000
916250
917500
918750
920000

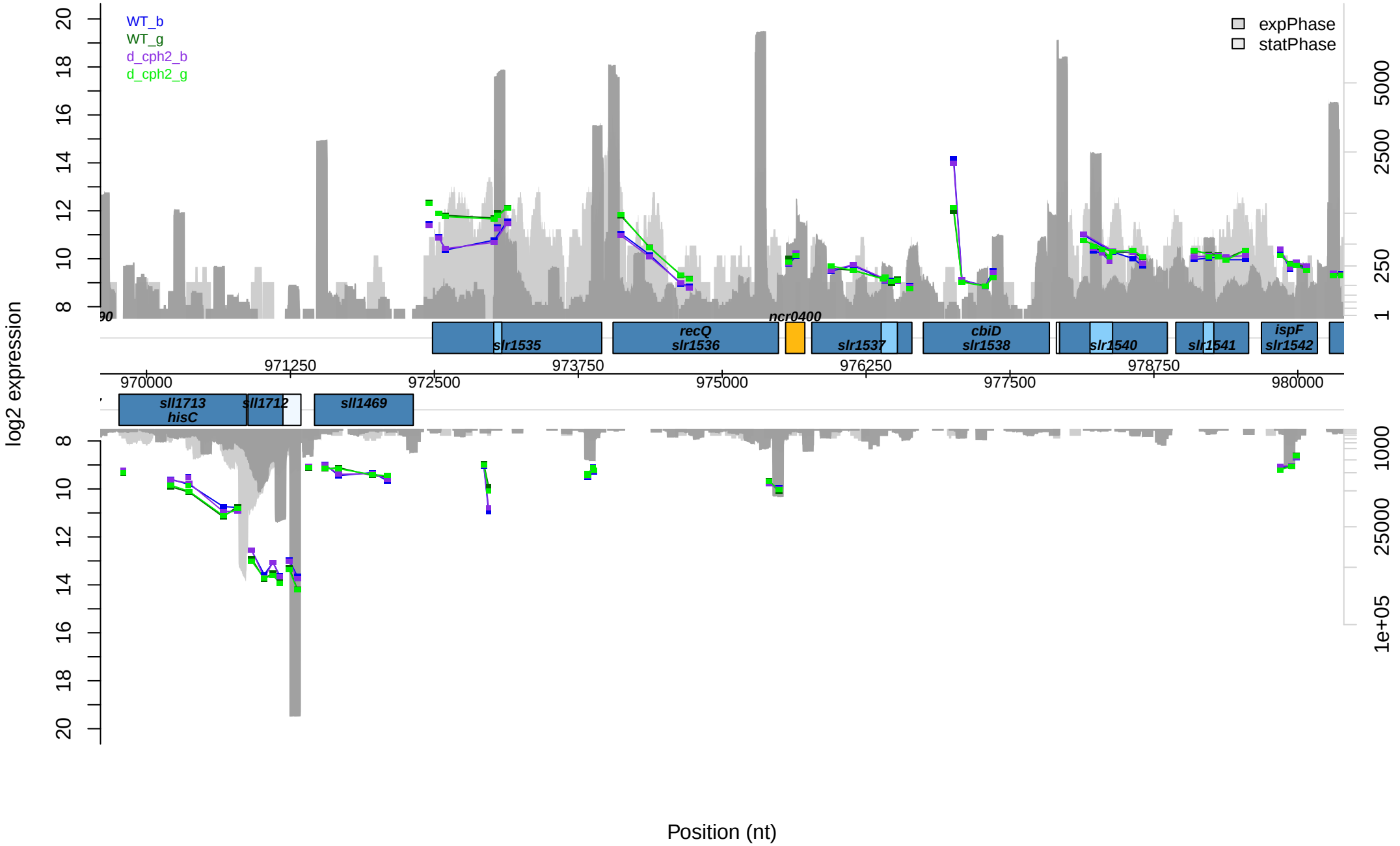

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2078
slr1826
slr1827
ssl3712
sll1747 aroC
sll1746 rpl12
sll1745 rpl10
sll1744 rpl1
sll1743 rpl11
sll1742 nusG
ssl3335 secE
sll1740 rpl19
sll1739
ncl0420
920000
921250
922500
923750
925000
926250
927500
928750
930000

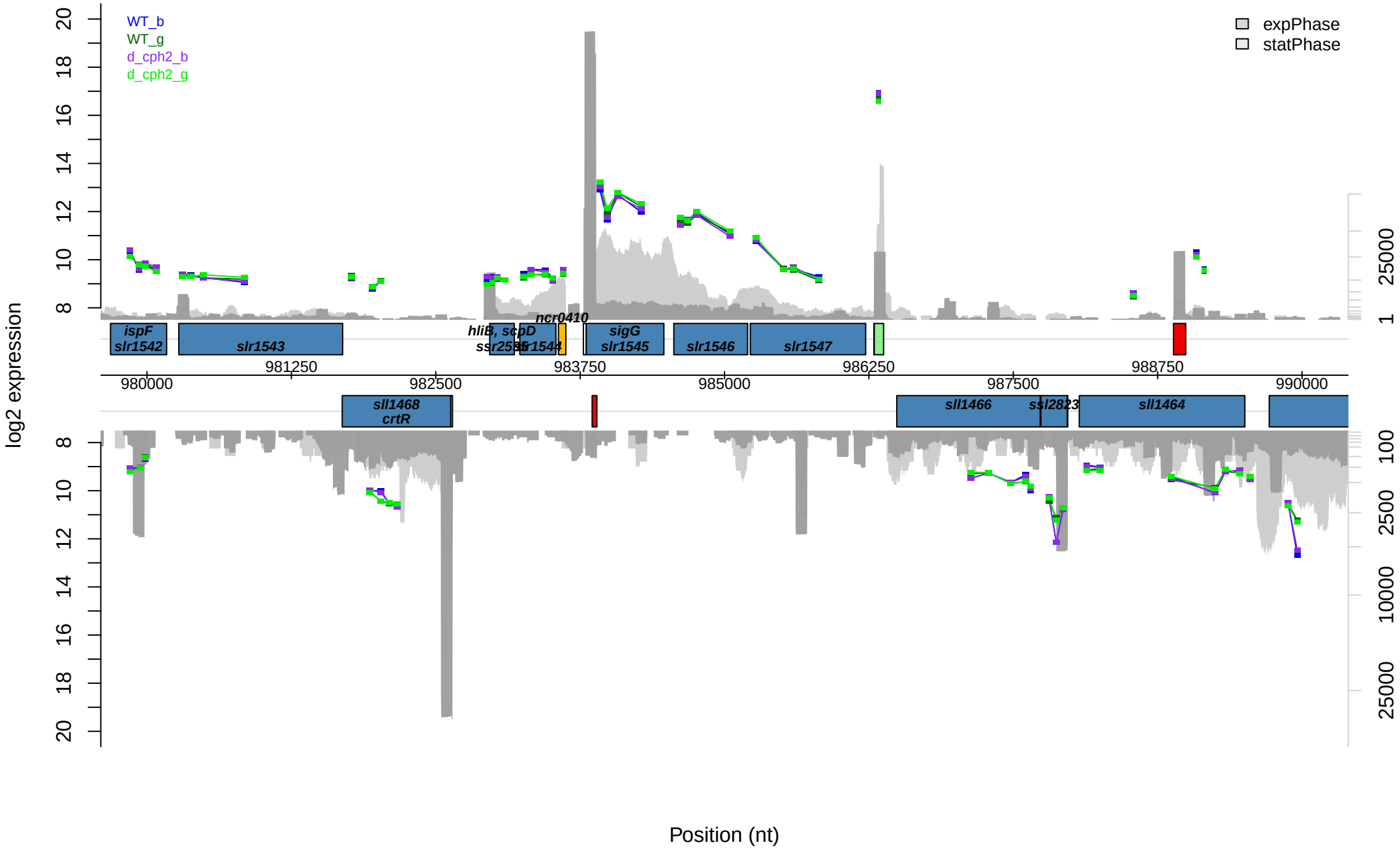

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
petF, fdx
slr1828
phaE
slr1829
phaC
slr1830
sll1738
sll1737
ycf60
ncl0420
sll1736
sll1735
sll1734
cupA
sll1733
ndhD3
sll1732
ndhF3
930000
931250
932500
933750
935000
936250
937500
938750
940000

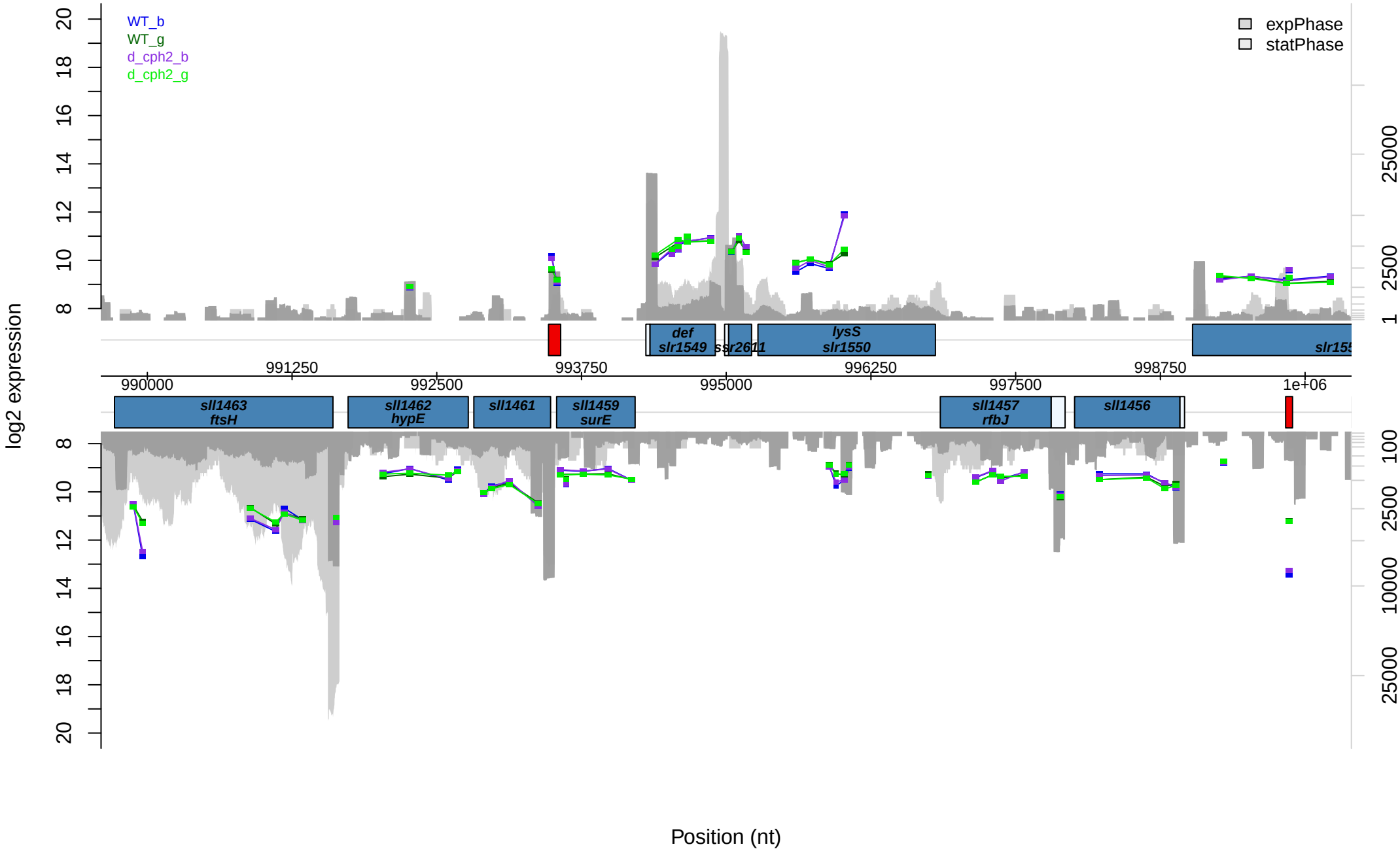

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
1e+05
psaA
slr1834
psaB
slr1835
940000
941250
942500
943750
945000
946250
947500
948750
950000
sll1730
ncl0430
sll1726
sll1725
sll1724
icsA
50
2500
10000
25000
Position (nt)

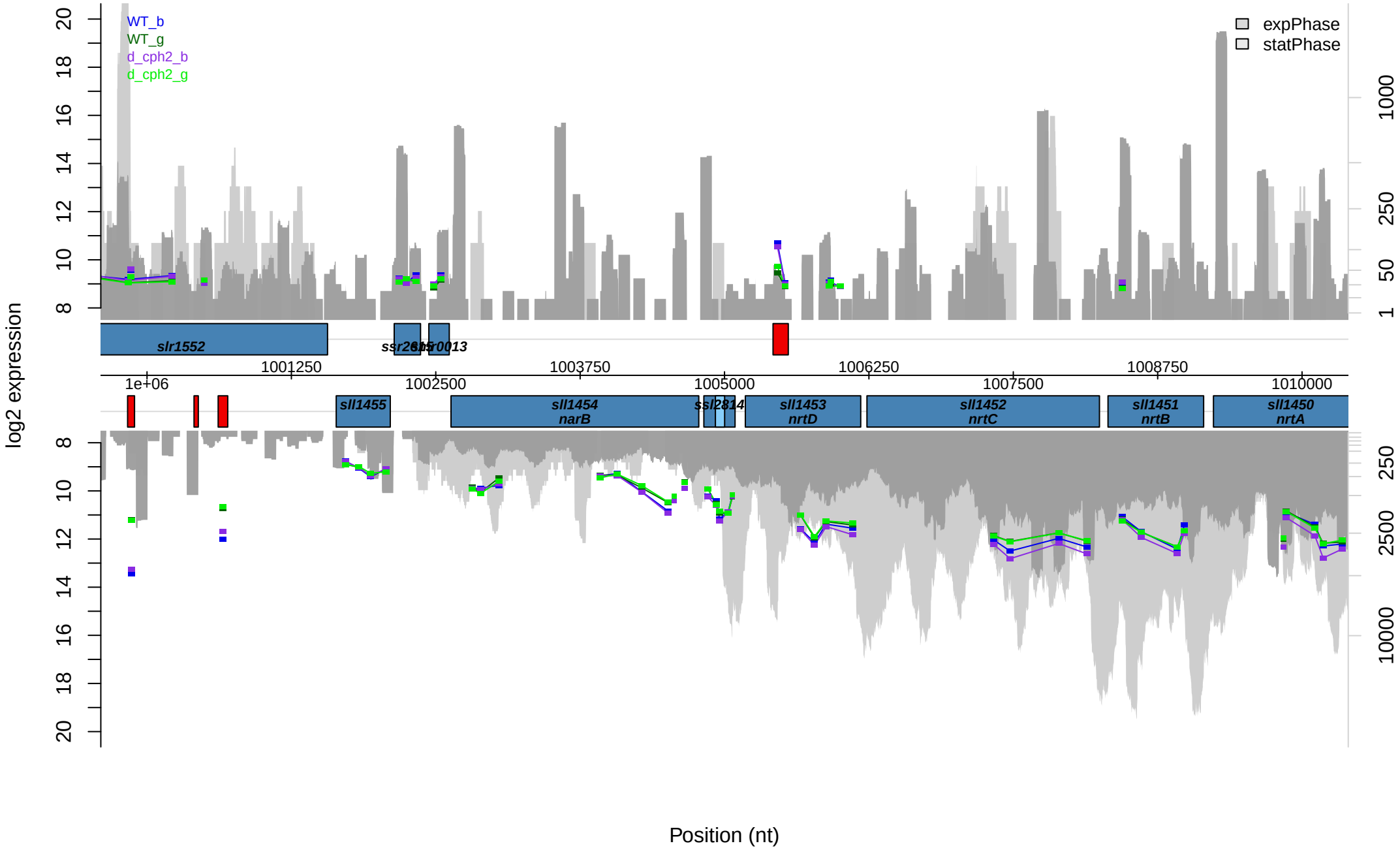

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sll1724
icsA
sll1723
sll1722
ncl0440
sll1721
pdhB
slr1837
ccmK3
slr1838
ccmK4
slr1839
slr1840
slr1841
950000
951250
952500
953750
955000
956250
957500
958750
960000

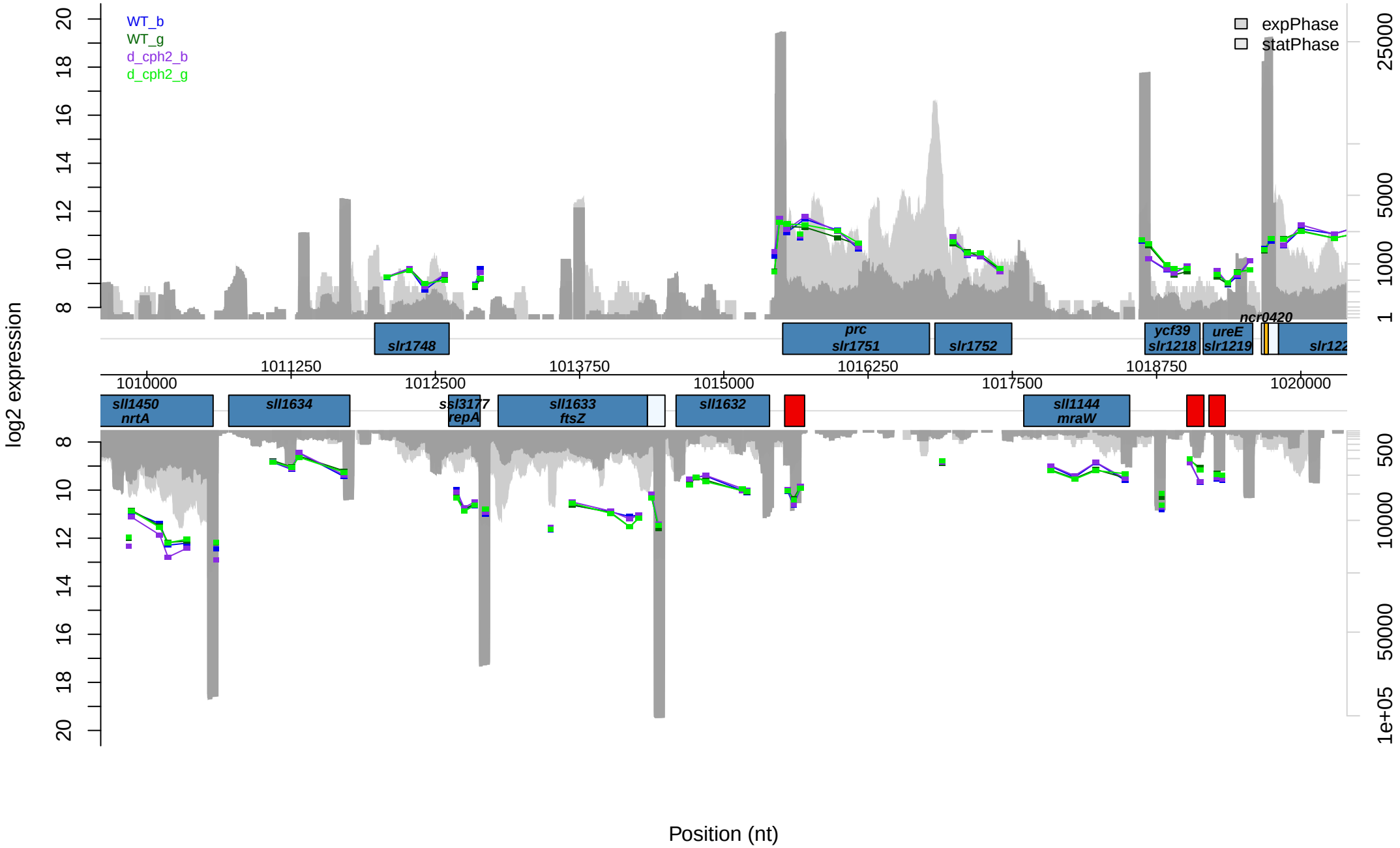

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cysK
slr1842
zwf
slr1843
uvrA
slr1844
ncr0390
sll1717
sll1716
sll1715
960000
961250
962500
963750
965000
966250
967500
968750
970000

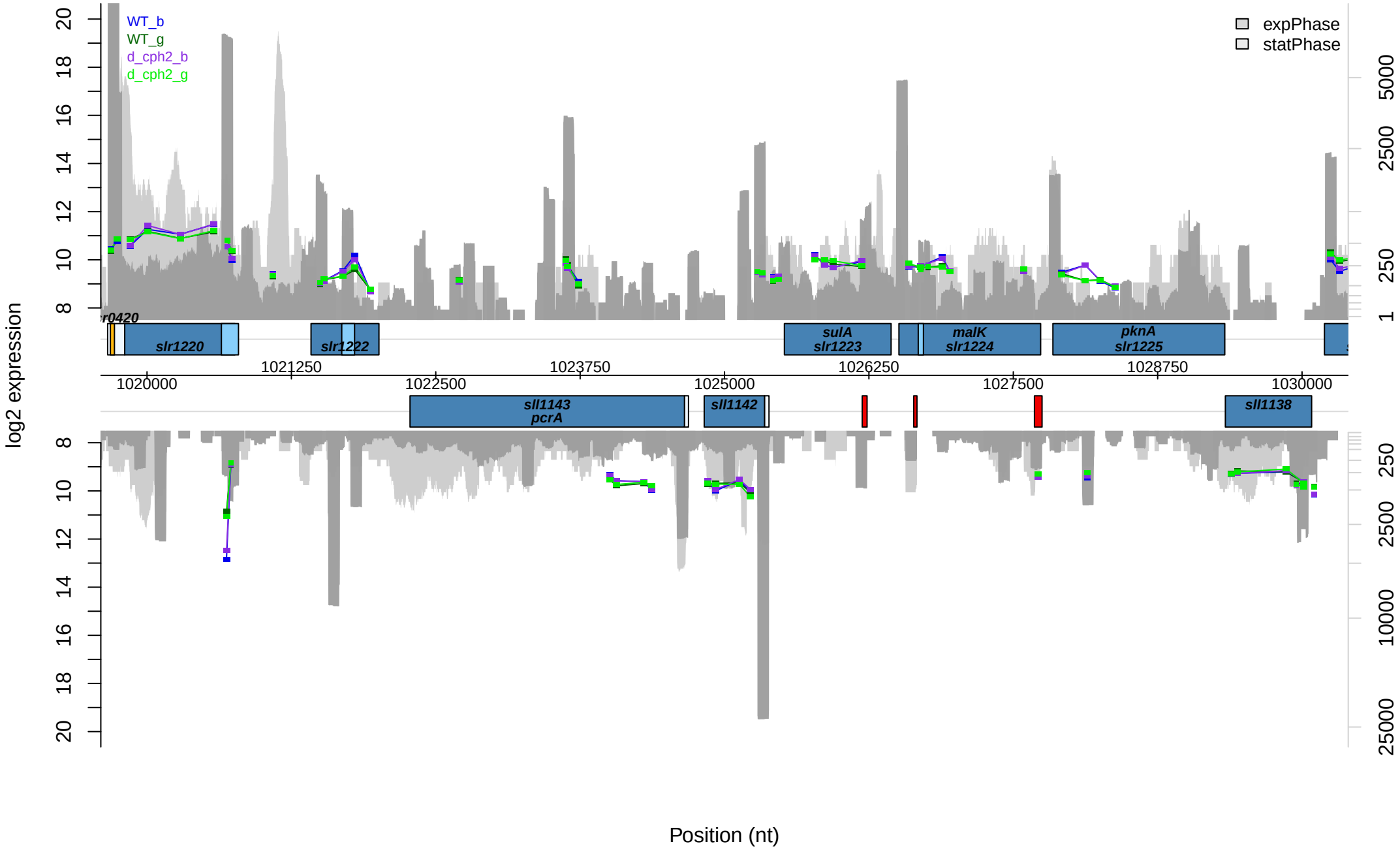

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0400
slr1535
recQ
slr1536
slr1537
cbiD
slr1538
slr1540
slr1541
ispF
slr1542
sll1713
hisC
sll1712
sll1469
970000
971250
972500
973750
975000
976250
977500
978750
980000

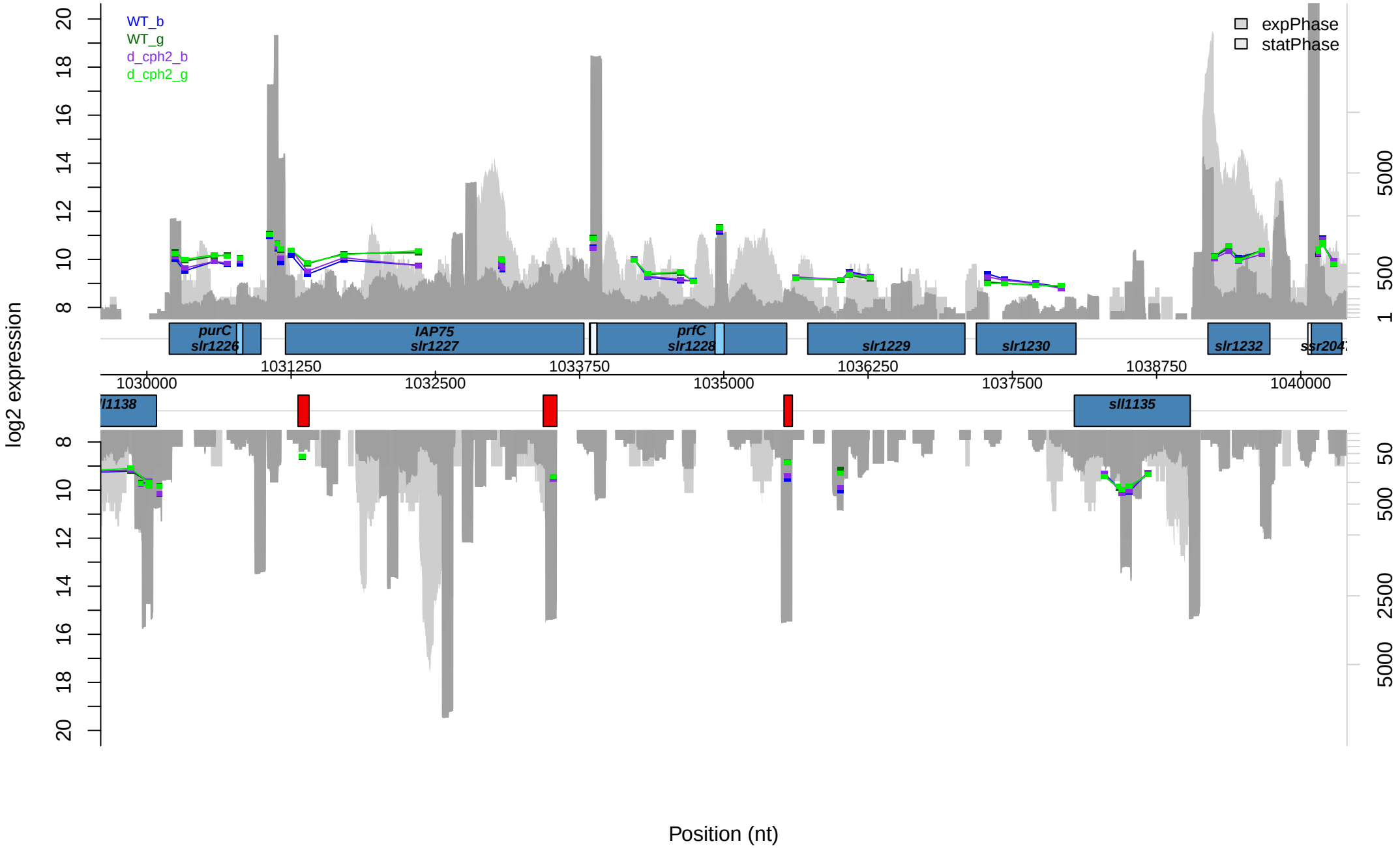

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ispF
slr1542
slr1543
hliB, scpD
ssr2586
slr1544
ncr0410
sigG
slr1545
slr1546
slr1547
sll1468
crtR
sll1466
ssl2823
sll1464
980000
981250
982500
983750
985000
986250
987500
988750
990000

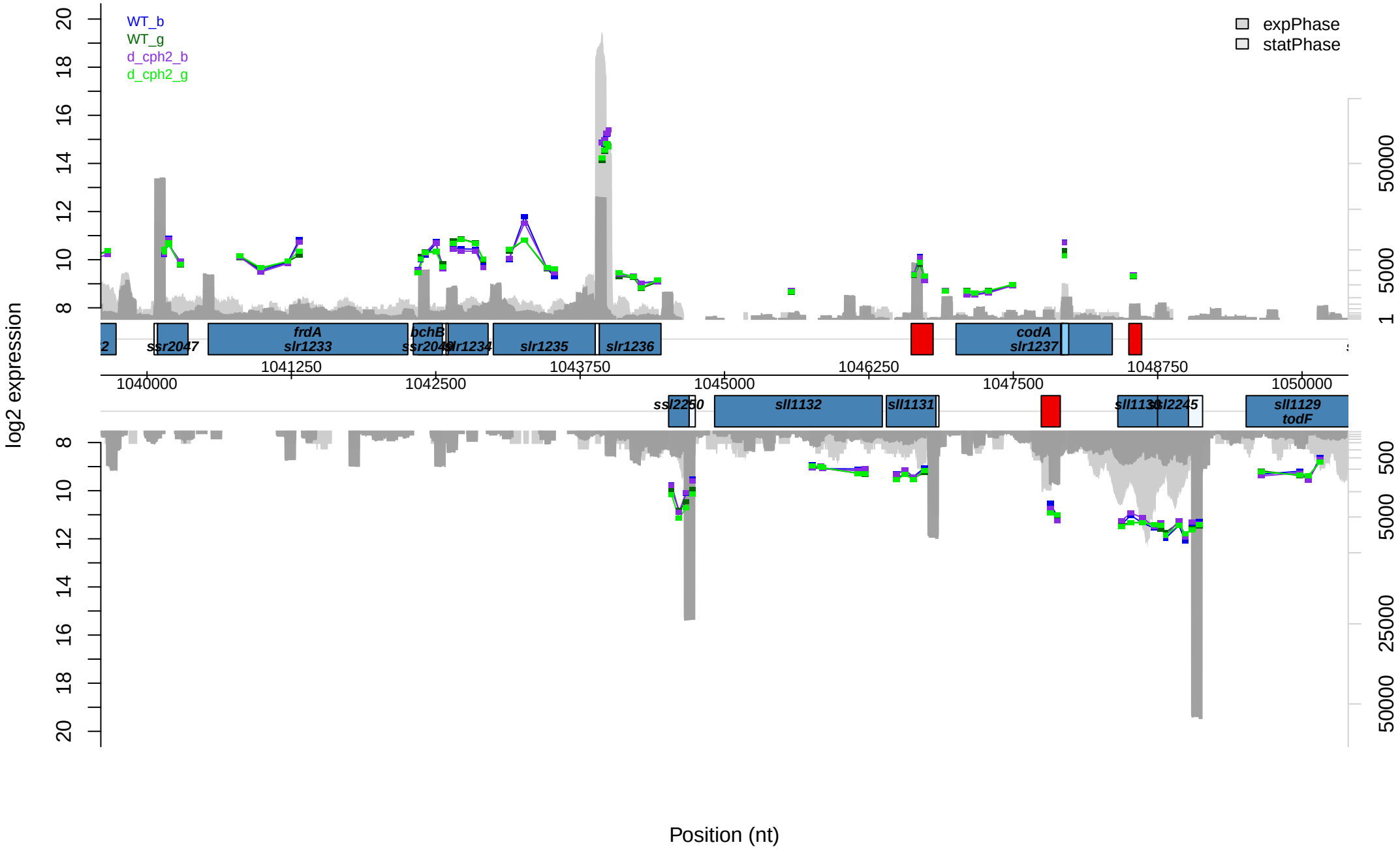

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
def
slr1549
ssr2611
lysS
slr1550
sll1463
ftsH
sll1462
hypE
sll1461
sll1459
surE
sll1457
rfbJ
sll1456
990000
991250
992500
993750
995000
996250
997500
998750
1e+06

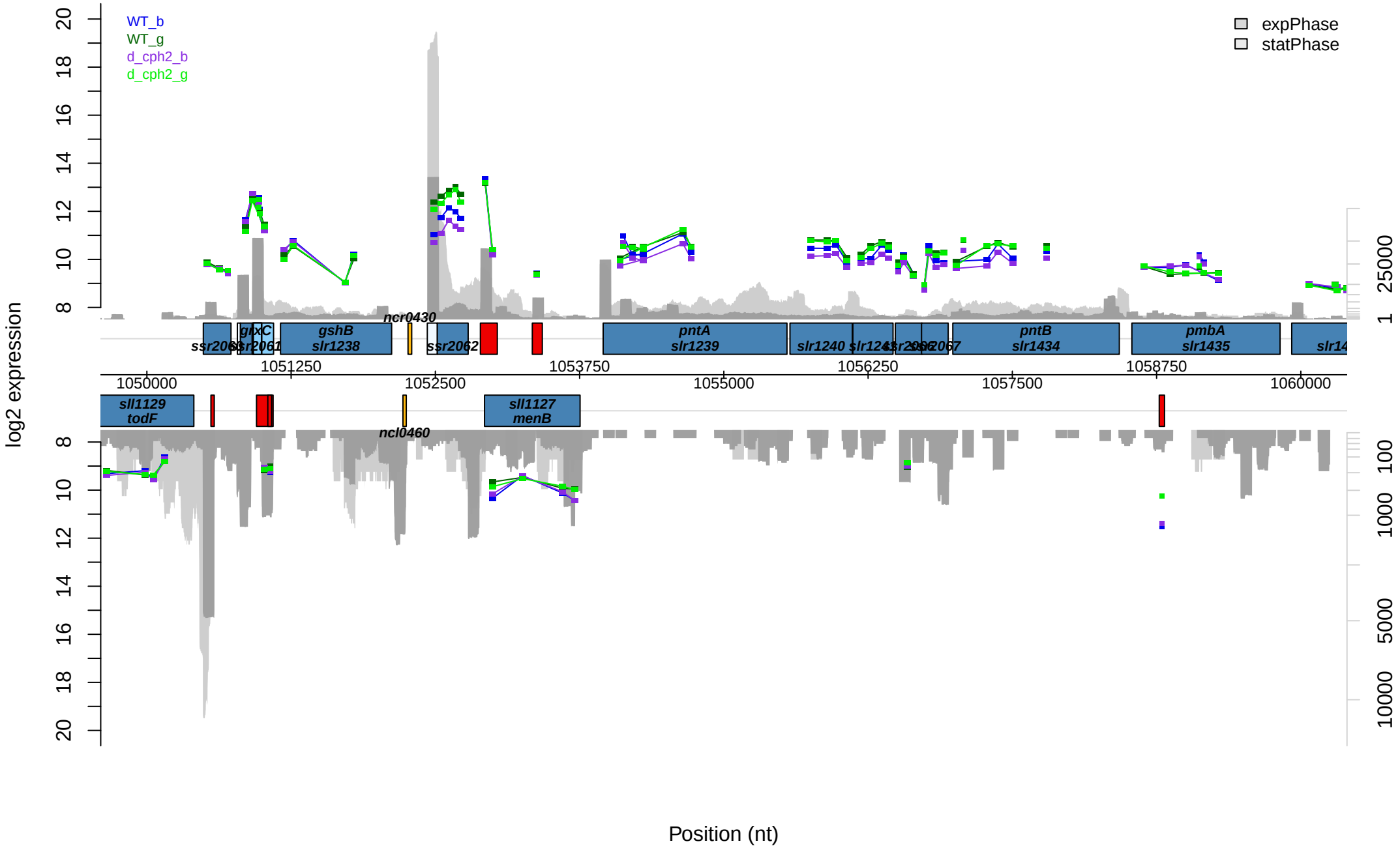

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1552
ssr2815
slr0013
sll1455
sll1454
narB
ssl2814
sll1453
nrtD
sll1452
nrtC
sll1451
nrtB
sll1450
nrtA
1e+06
1001250
1002500
1003750
1005000
1006250
1007500
1008750
1010000

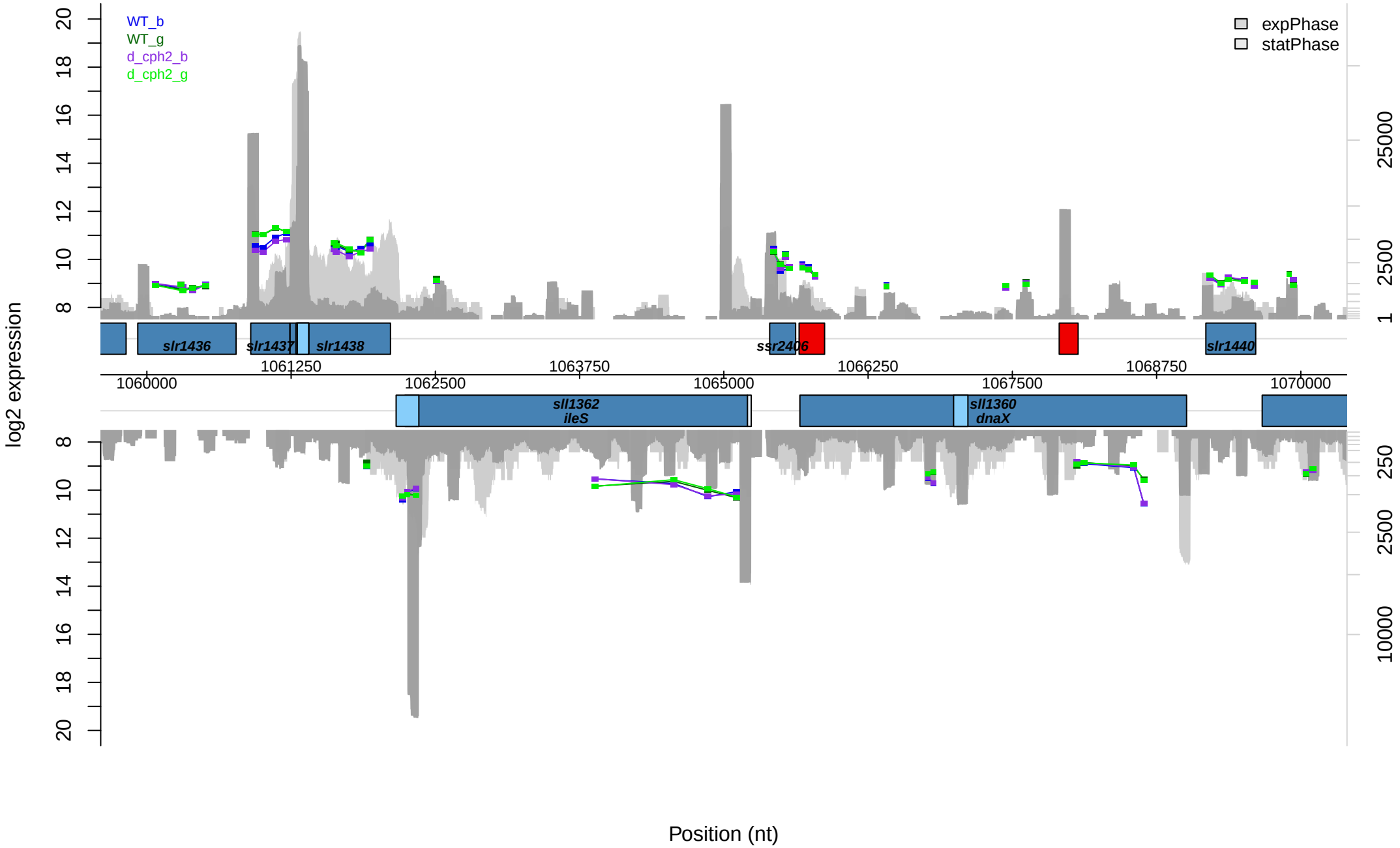

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1748
prc
slr1751
slr1752
ycf39
slr1218
ureE
slr1219
ncr0420
slr122
sll1450
nrtA
sll1634
ssl3177
repA
sll1633
ftsZ
sll1632
sll1144
mraW
1010000
1011250
1012500
1013750
1015000
1016250
1017500
1018750
1020000

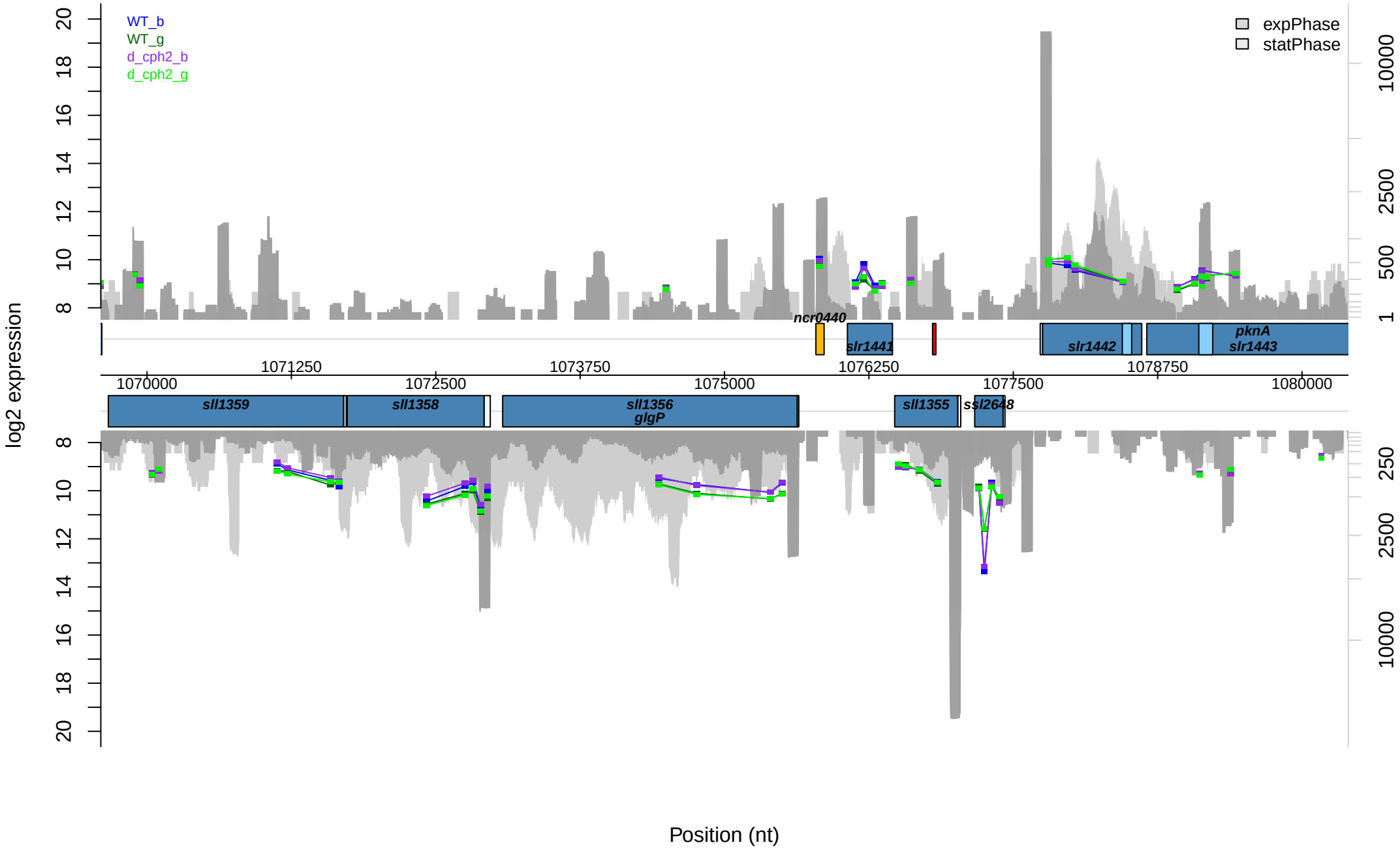

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1220
slr1222
sulA
slr1223
malK
slr1224
pknA
slr1225
sll1143
pcrA
sll1142
sll1138
1020000
1021250
1022500
1023750
1025000
1026250
1027500
1028750
1030000

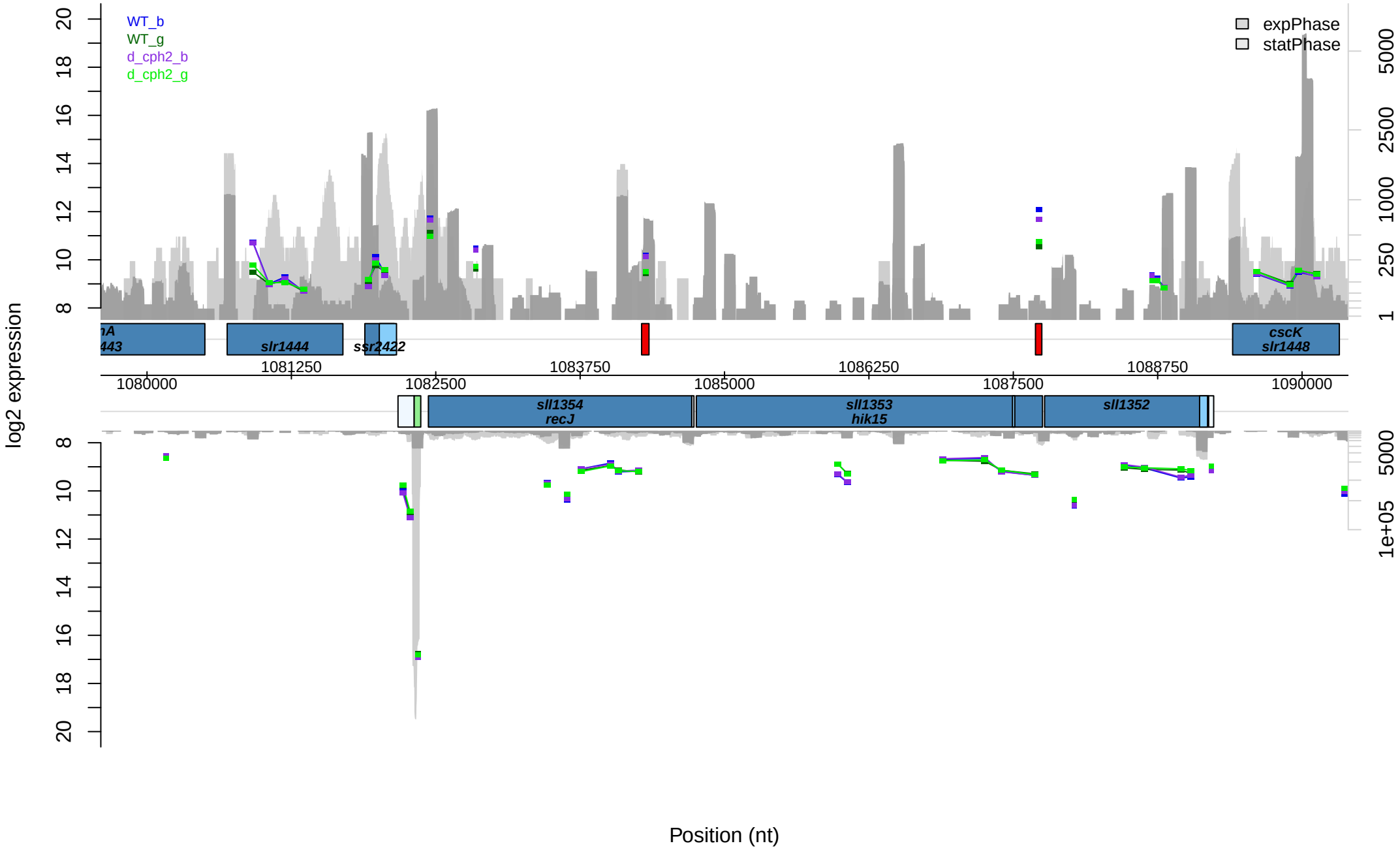

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
purC
slr1226
IAP75
slr1227
prfC
slr1228
slr1229
slr1230
slr1232
sll1135
1030000
1032500
1035000
1037500
1040000
1031250
1033750
1036250
1038750

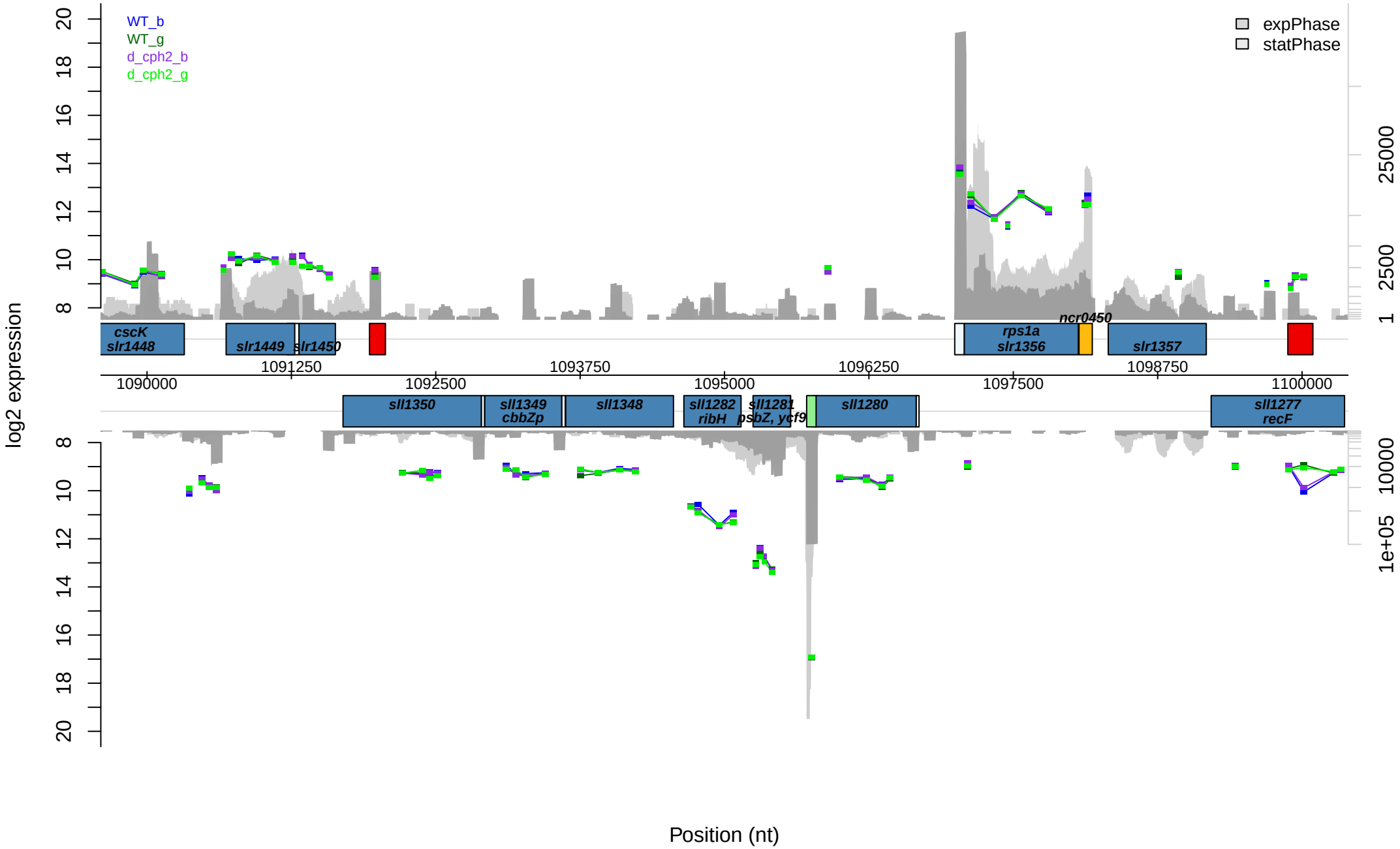

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
frdA
slr1233
bchB
ssr2048
slr1234
slr1235
slr1236
ssr2047
codA
slr1237
ssl2250
sll1132
sll1131
sll1133
sll2245
sll1129
todF
1040000
1041250
1042500
1043750
1045000
1046250
1047500
1048750
1050000

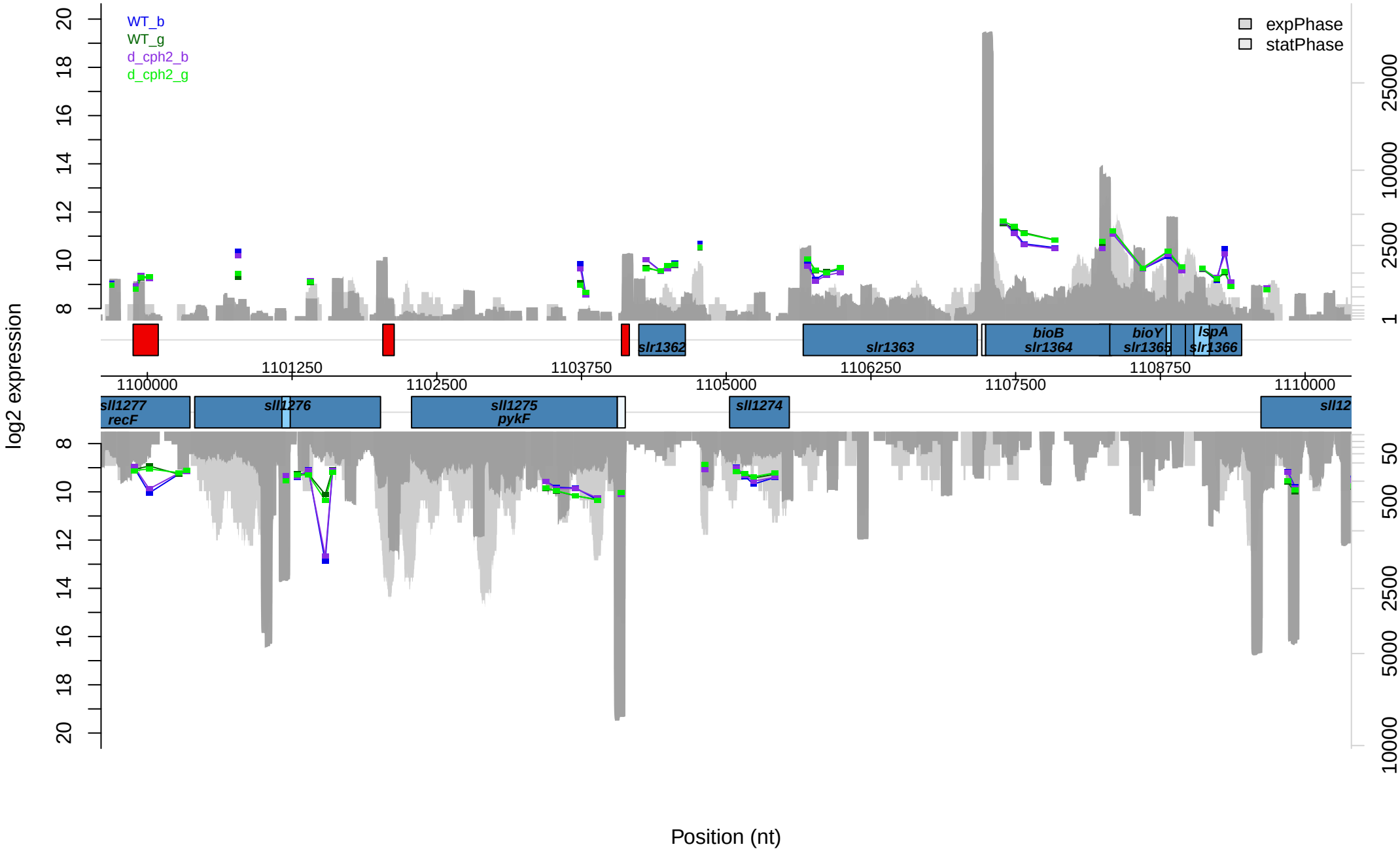

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0430
ncl0460
gshB
slr1238
ssr2062
pntA
slr1239
slr1240
pntB
slr1434
pmbA
slr1435
sll1129
todF
sll1127
menB
1050000
1051250
1052500
1053750
1055000
1056250
1057500
1058750
1060000

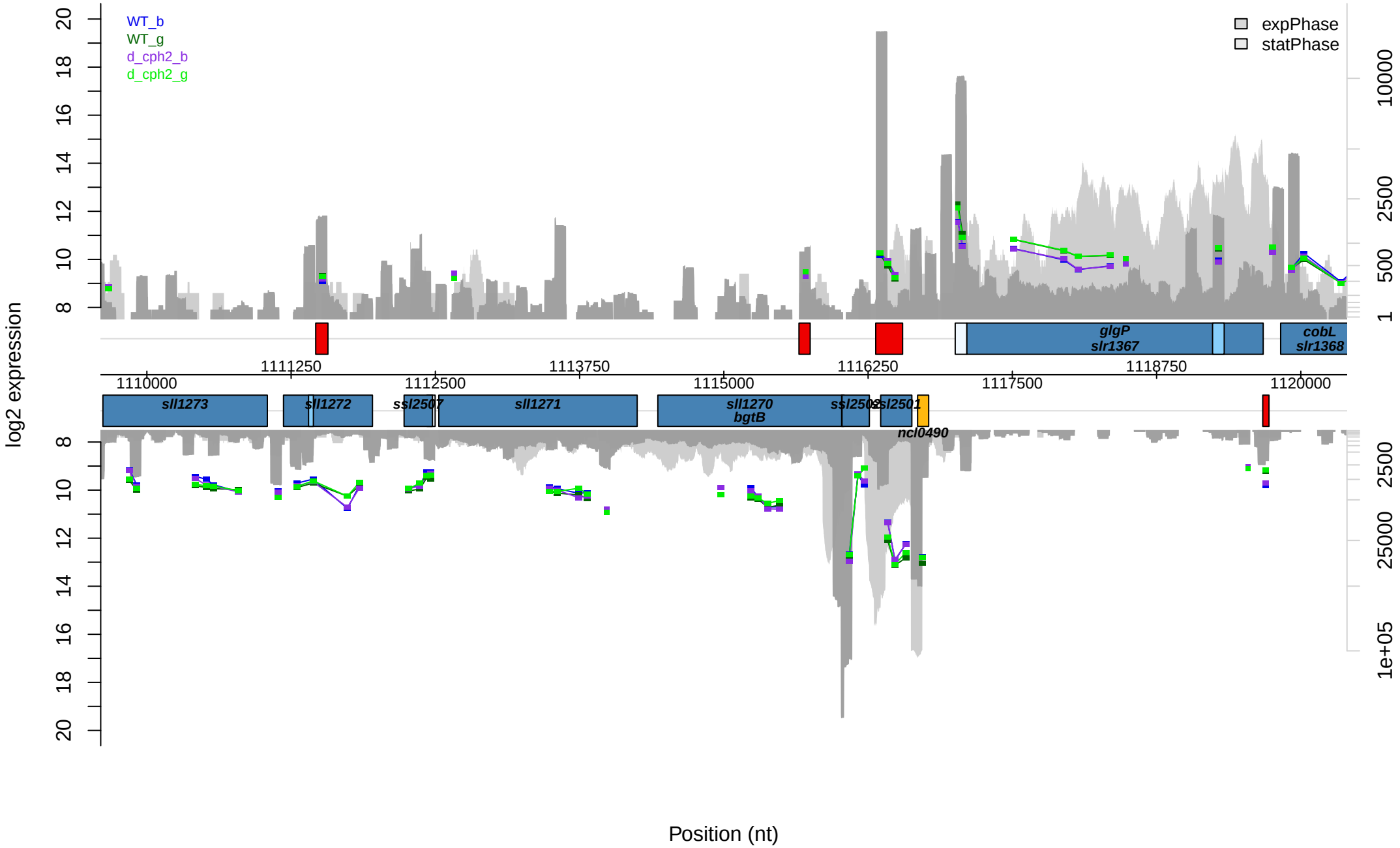

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1436
slr1437
slr1438
ssr2406
slr1440
sll1362
ileS
sll1360
dnaX
1060000
1061250
1062500
1063750
1065000
1066250
1067500
1068750
1070000

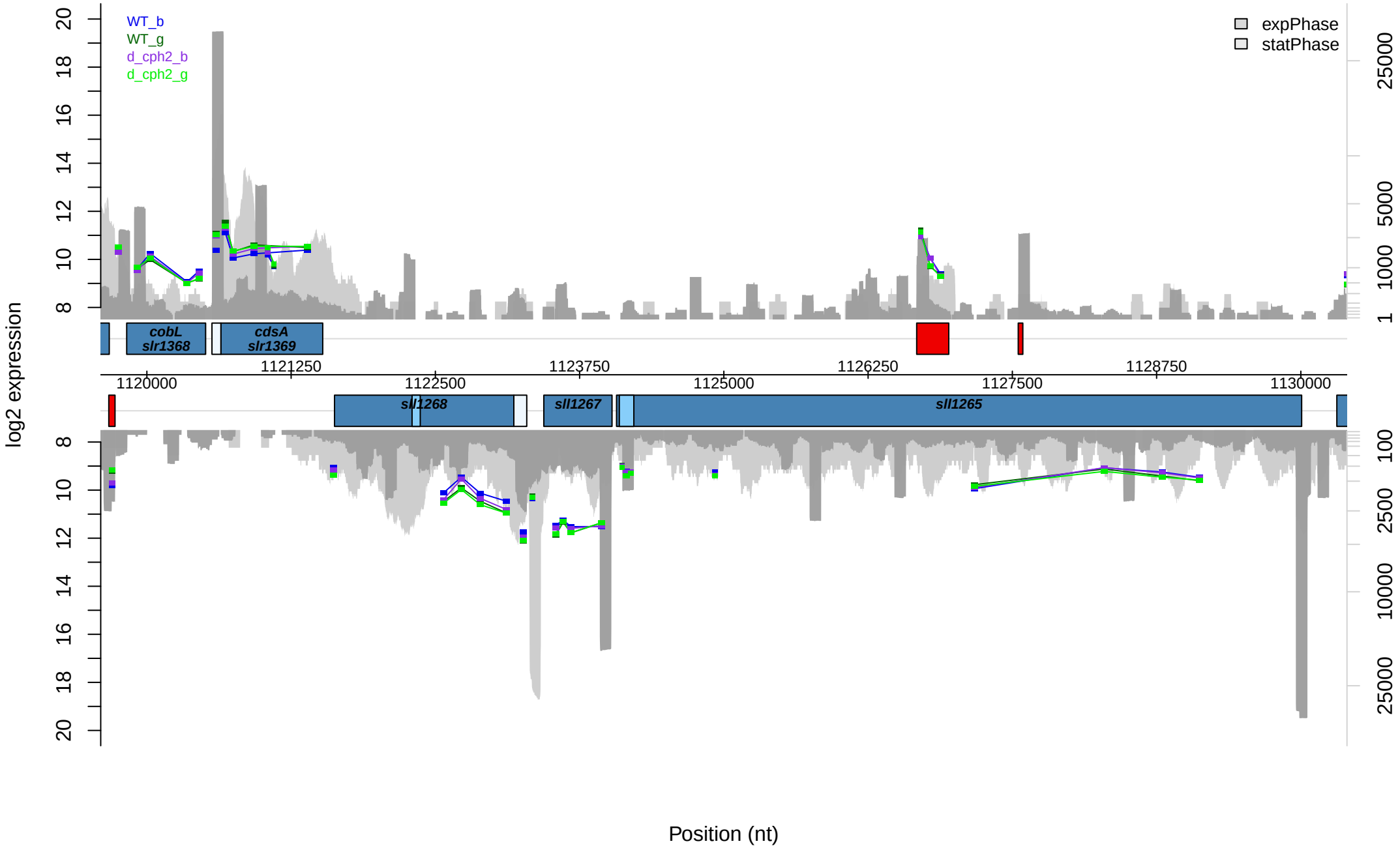

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0440
slr1441
slr1442
pknA
slr1443
sll1359
sll1358
sll1356
glgP
sll1355
ssl2648
1070000
1071250
1072500
1073750
1075000
1076250
1077500
1078750
1080000

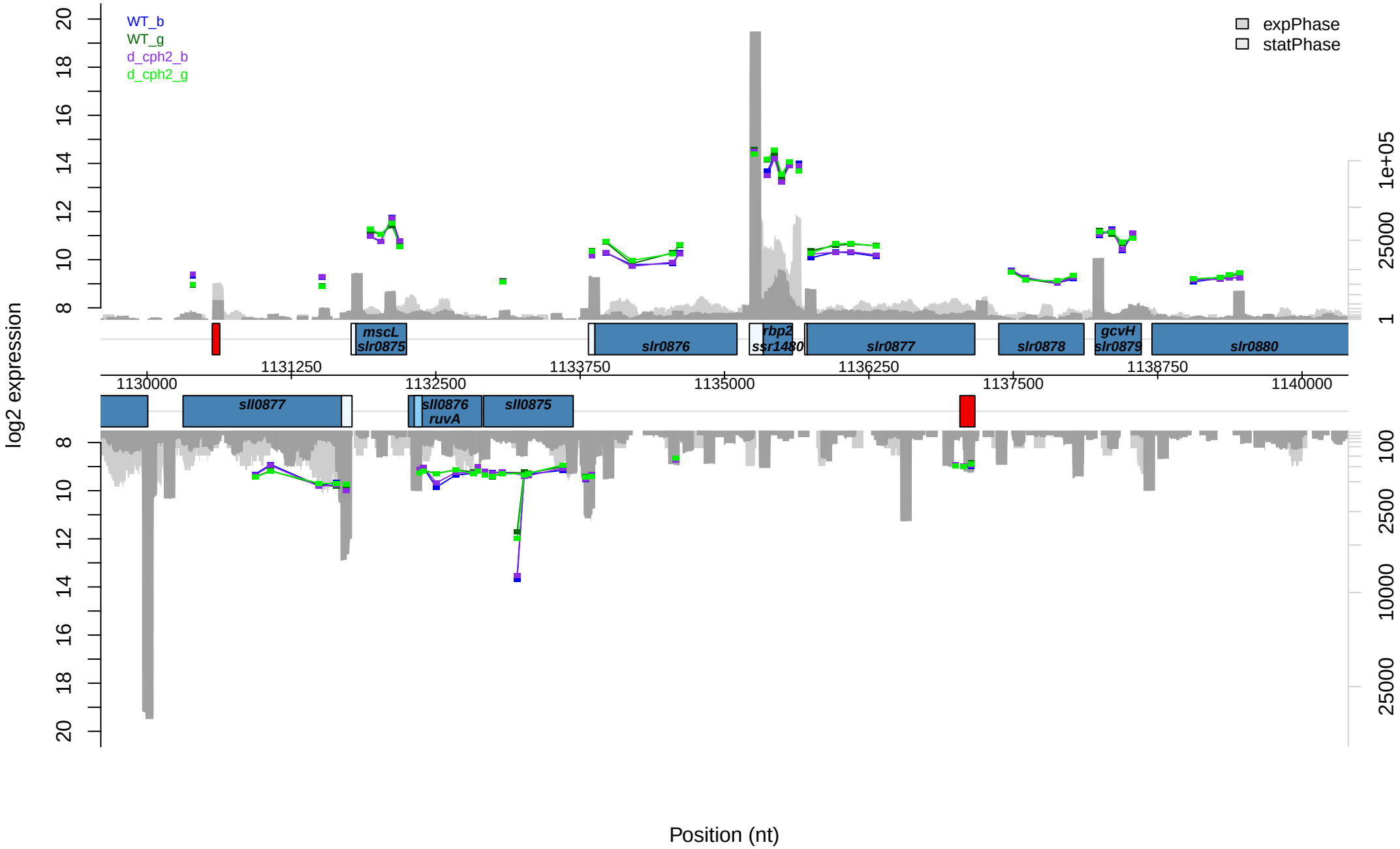

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1444
ssr2422
cscK
slr1448
sll1354
recJ
sll1353
hik15
sll1352
1080000
1081250
1082500
1083750
1085000
1086250
1087500
1088750
1090000

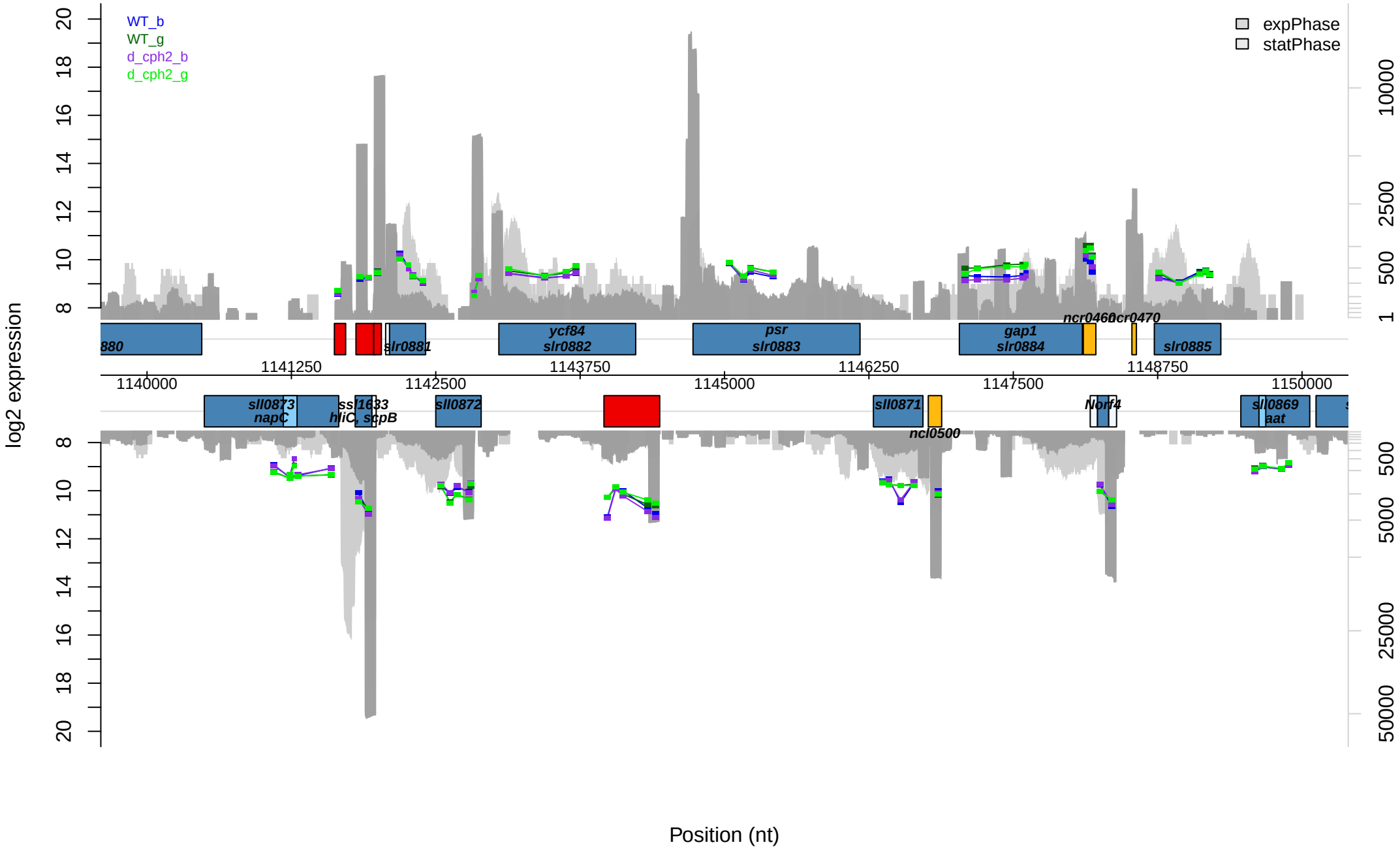

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cscK
slr1448
slr1449
slr1450
ncr0450
rps1a
slr1356
slr1357
sll1350
sll1349
cbbZp
sll1348
sll1282
ribH
sll1281
psbZ, ycf9
sll1280
sll1277
recF
1090000
1091250
1092500
1093750
1095000
1096250
1097500
1098750
1100000

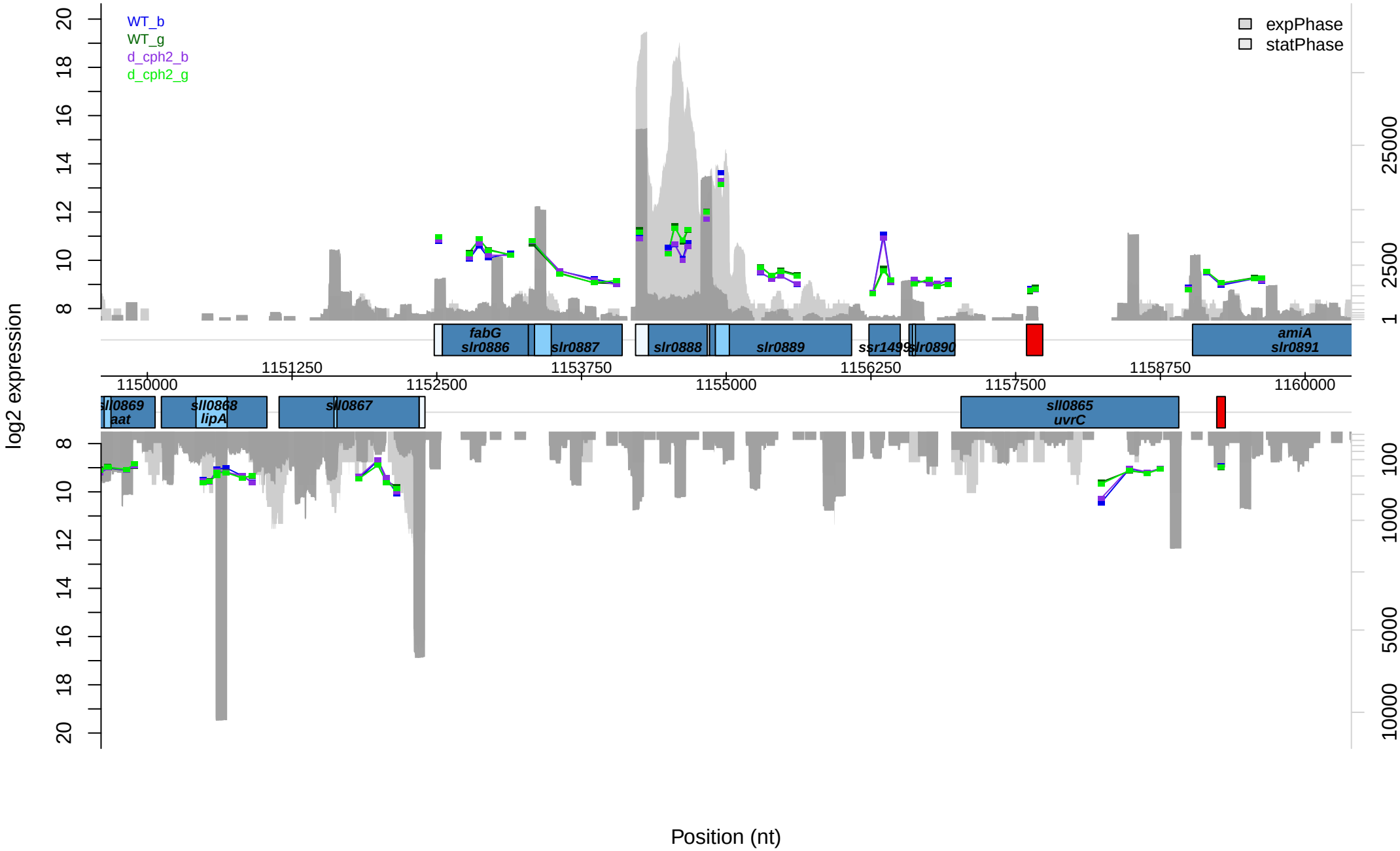

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1362
slr1363
bioB
slr1364
bioY
lspA
slr1366
sll1277
recF
sll1276
sll1275
pykF
sll1274
1100000
1101250
1102500
1103750
1105000
1106250
1107500
1108750
1110000

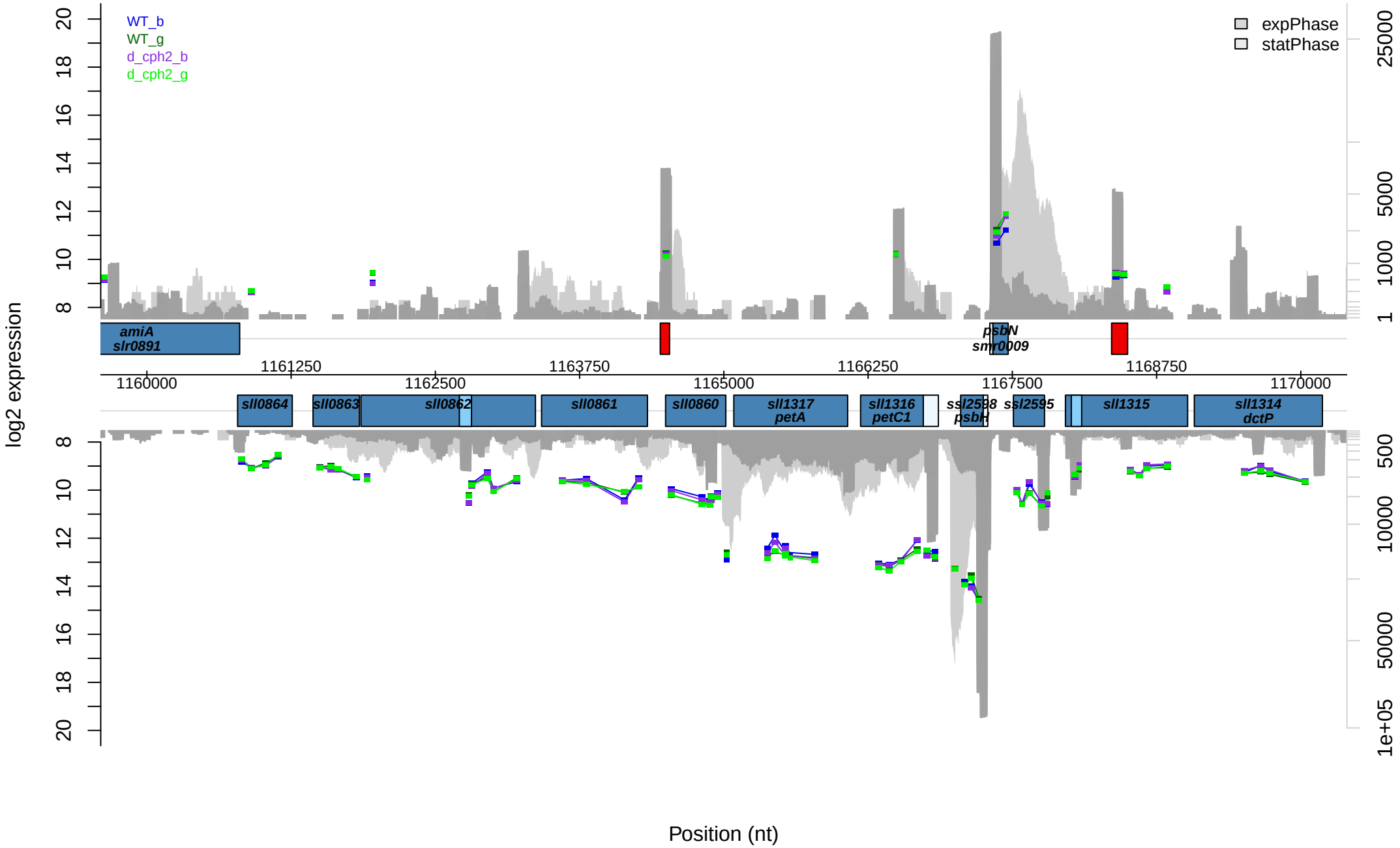

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
glgP
slr1367
cobL
slr1368
sll1273
sll1272
ssl2507
sll1271
sll1270
bgtB
ssl2502
ssl2501
ncl0490
1110000
1111250
1112500
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1115000
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1117500
1118750
1120000

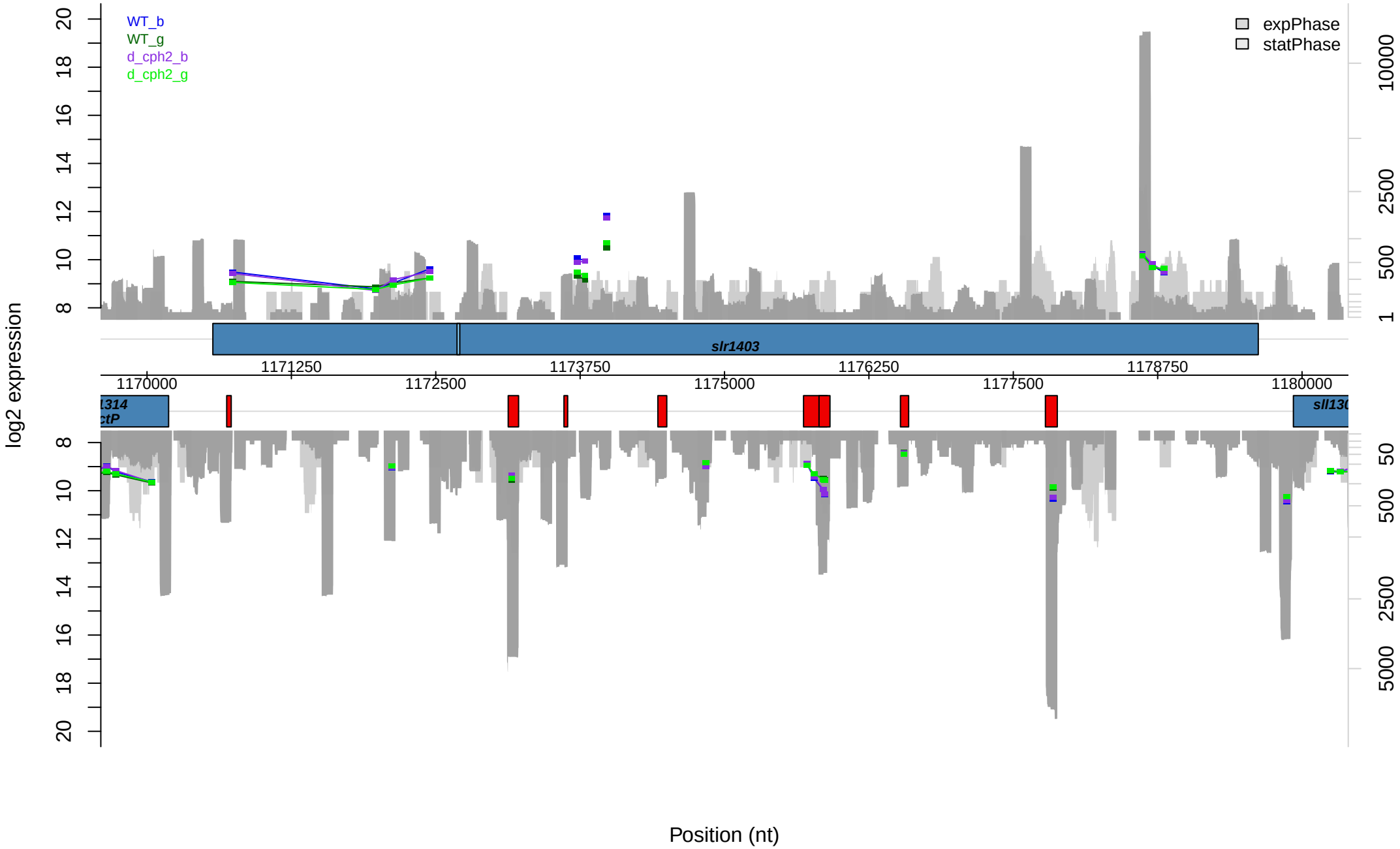

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cobL
slr1368
cdsA
slr1369
sll1268
sll1267
sll1265
1120000
1121250
1122500
1123750
1125000
1126250
1127500
1128750
1130000

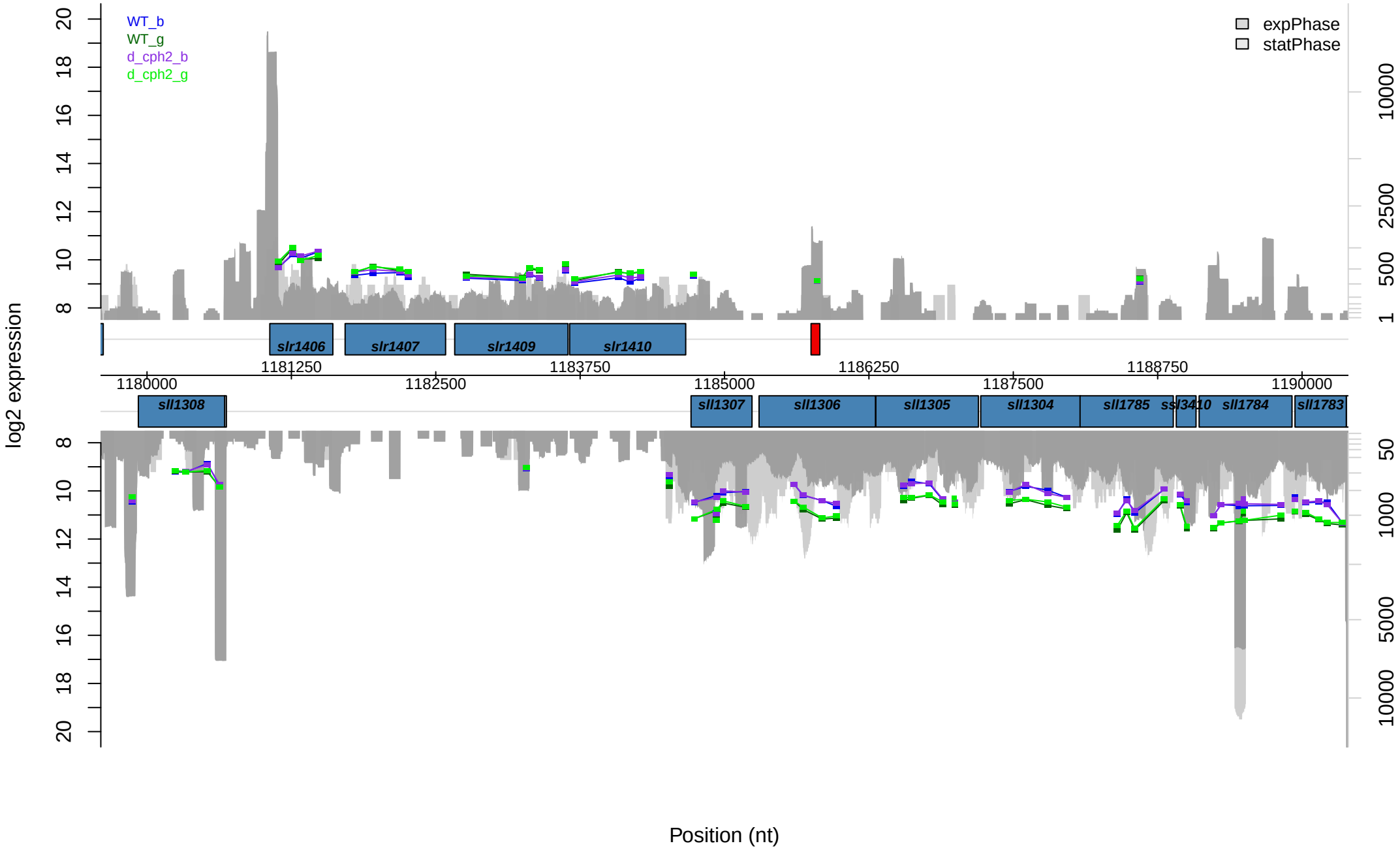

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
mscL
slr0875
slr0876
rbp2
ssr1480
slr0877
slr0878
gcvH
slr0879
slr0880
sll0877
sll0876
ruvA
sll0875
1130000
1131250
1132500
1133750
1135000
1136250
1137500
1138750
1140000

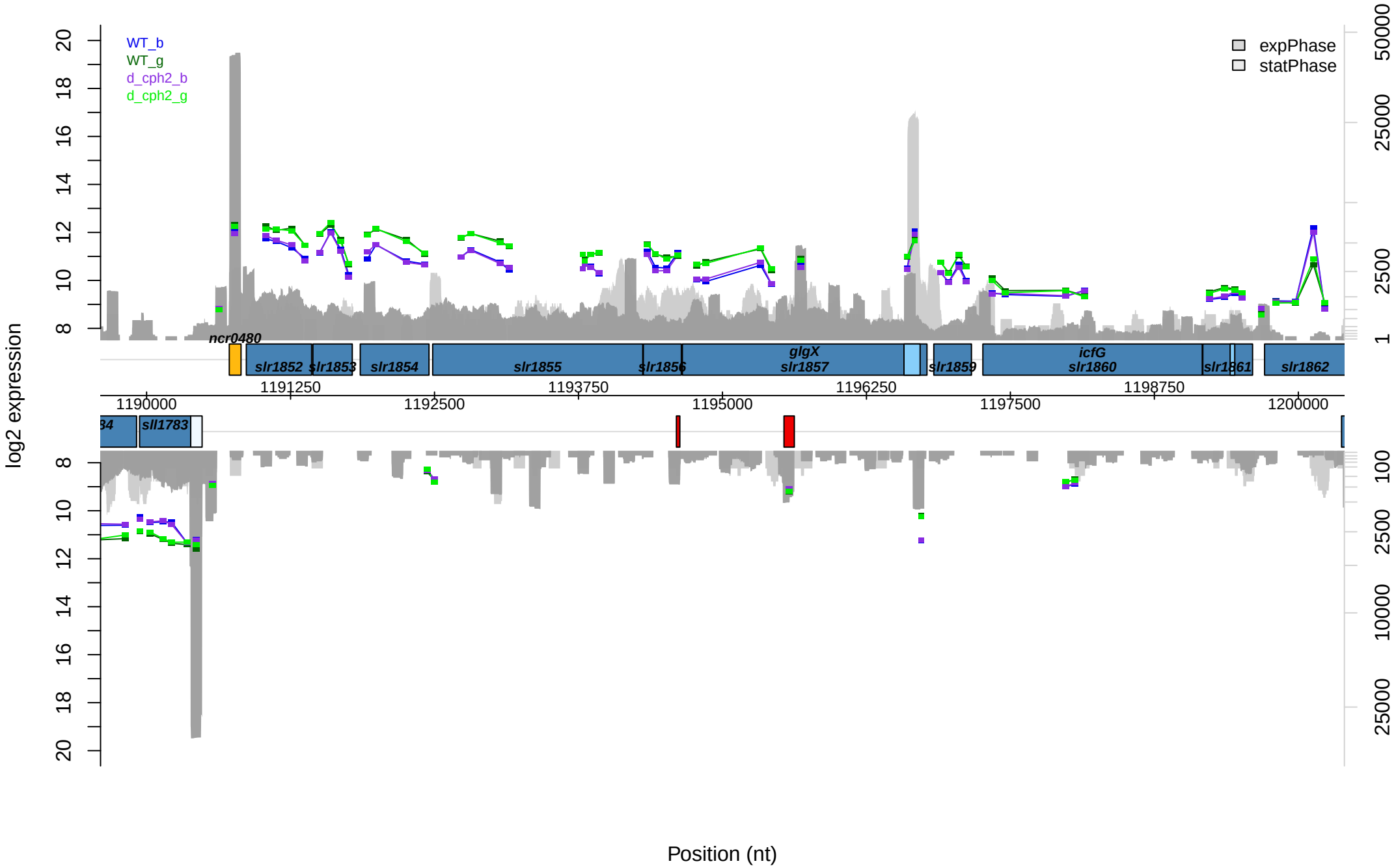

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ycf84
slr0882
psr
slr0883
gap1
slr0884
slr0885
slr0881
ncr0460
ncr0470
sll0873
napC
sll0872
sll0871
ncl0500
Norf4
sll0869
aat
1140000
1141250
1142500
1143750
1145000
1146250
1147500
1148750
1150000

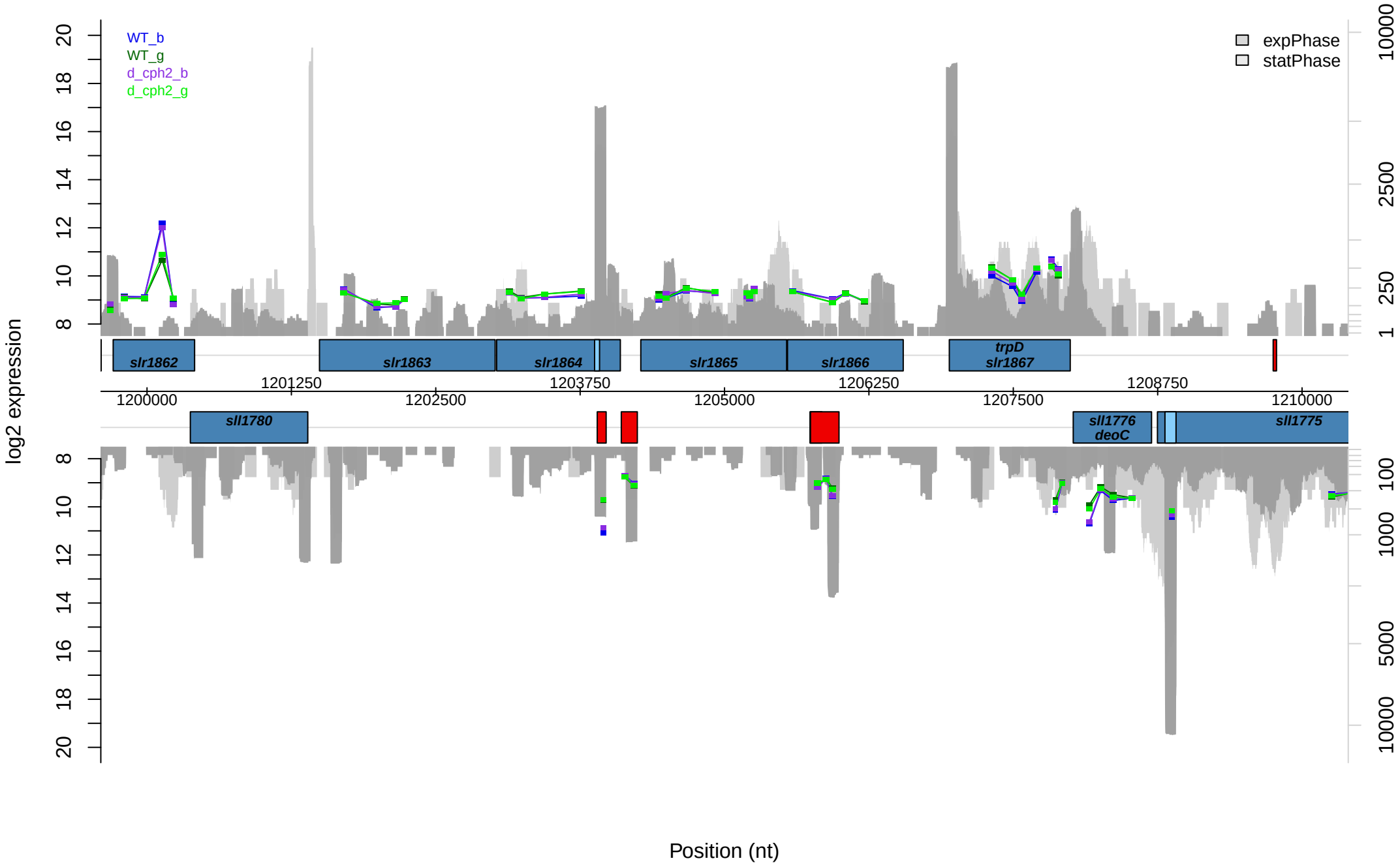

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
fabG
slr0886
slr0887
slr0888
slr0889
ssr1499
slr0890
amiA
slr0891
sll0869
aat
sll0868
lipA
sll0867
sll0865
uvrC
1150000
1151250
1152500
1153750
1155000
1156250
1157500
1158750
1160000

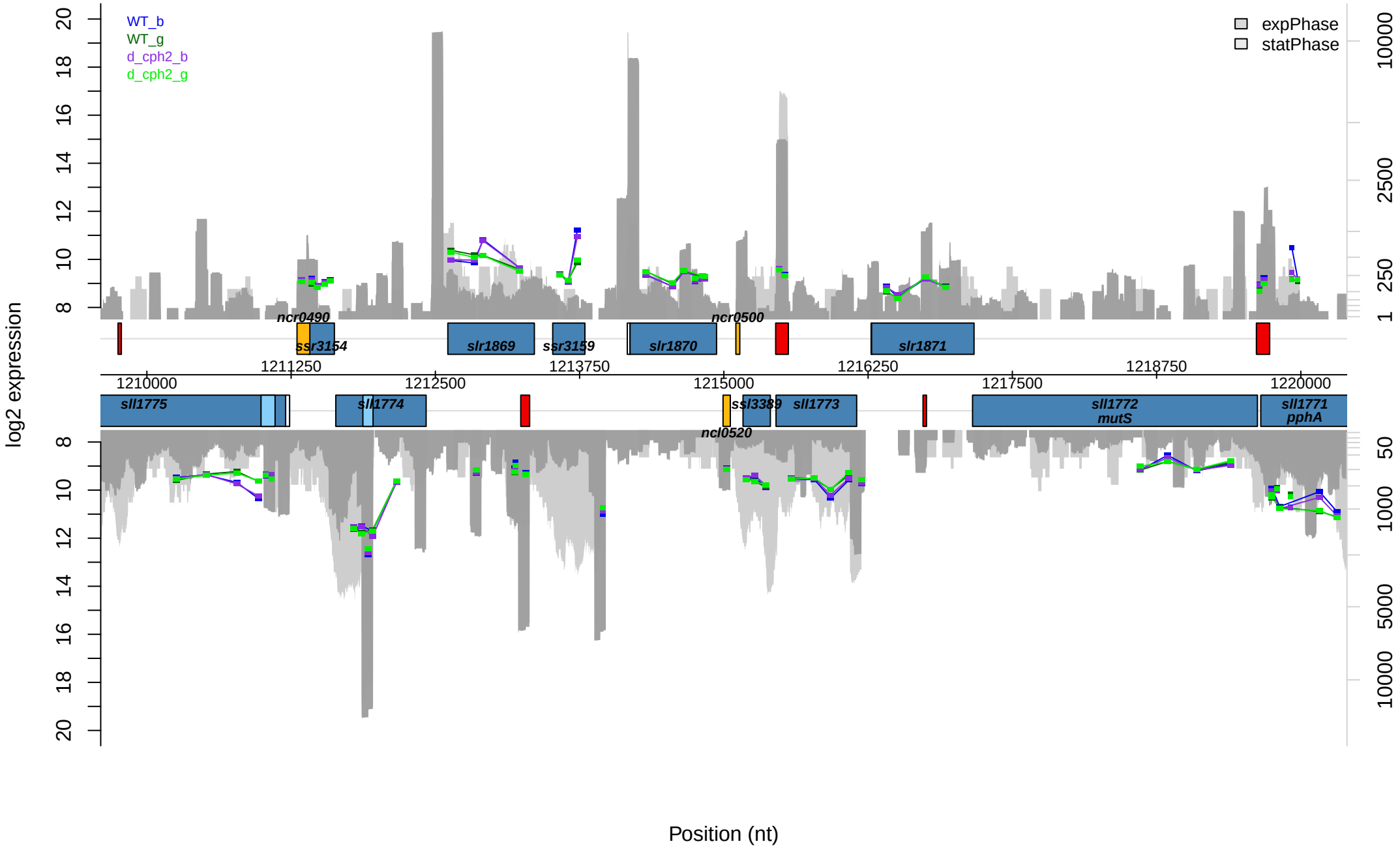

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
amiA
slr0891
psbN
smr0009
sll0864
sll0863
sll0862
sll0861
sll0860
sll1317
petA
sll1316
petC1
ssl2598
psbH
ssl2595
sll1315
sll1314
dctP
1160000
1161250
1162500
1163750
1165000
1166250
1167500
1168750
1170000

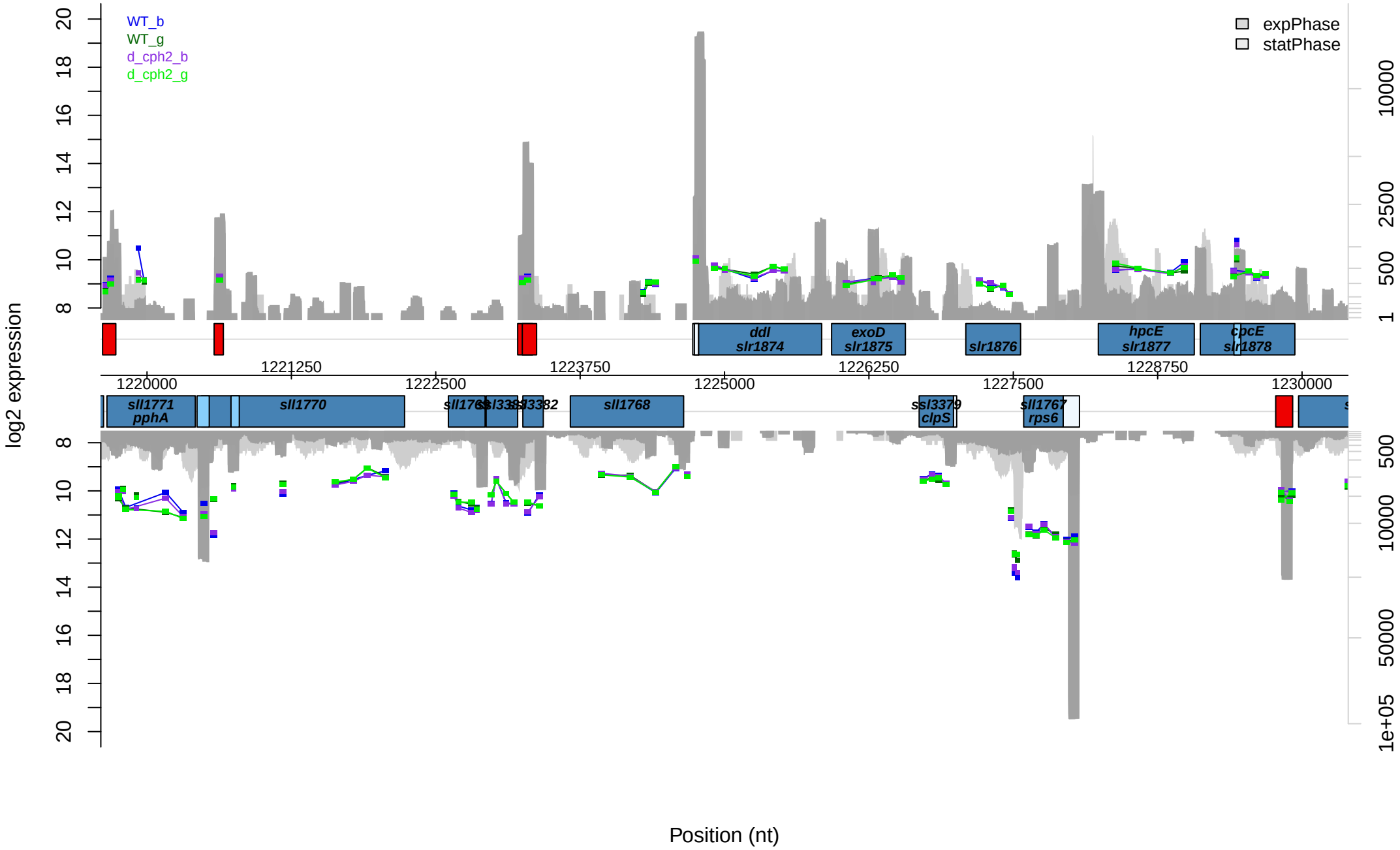

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1403
1170000
1171250
1172500
1173750
1175000
1176250
1177500
1178750
1180000

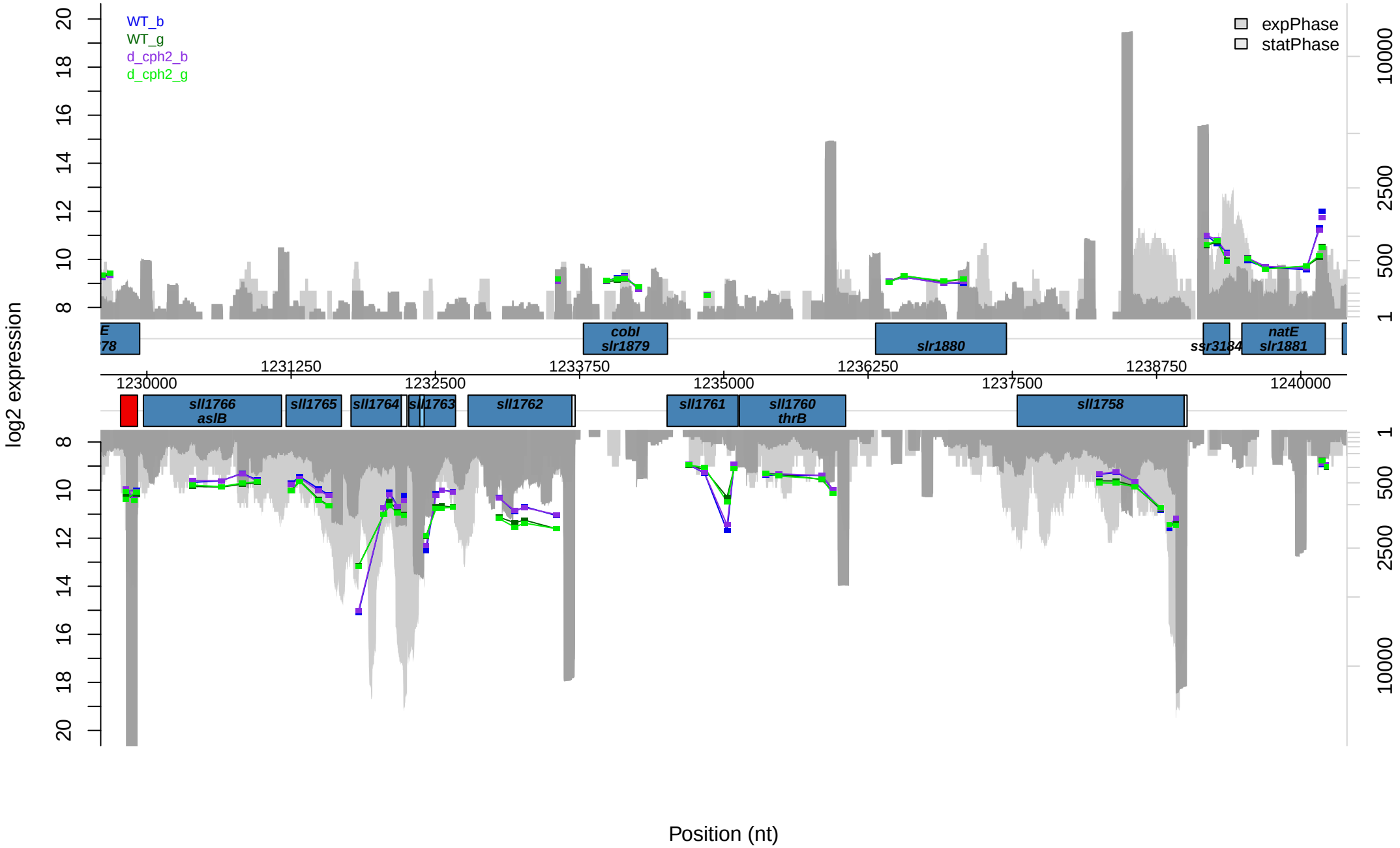

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1406
slr1407
slr1409
slr1410
sll1308
sll1307
sll1306
sll1305
sll1304
sll1785
sll1784
sll1783
1180000
1181250
1182500
1183750
1185000
1186250
1187500
1188750
1190000

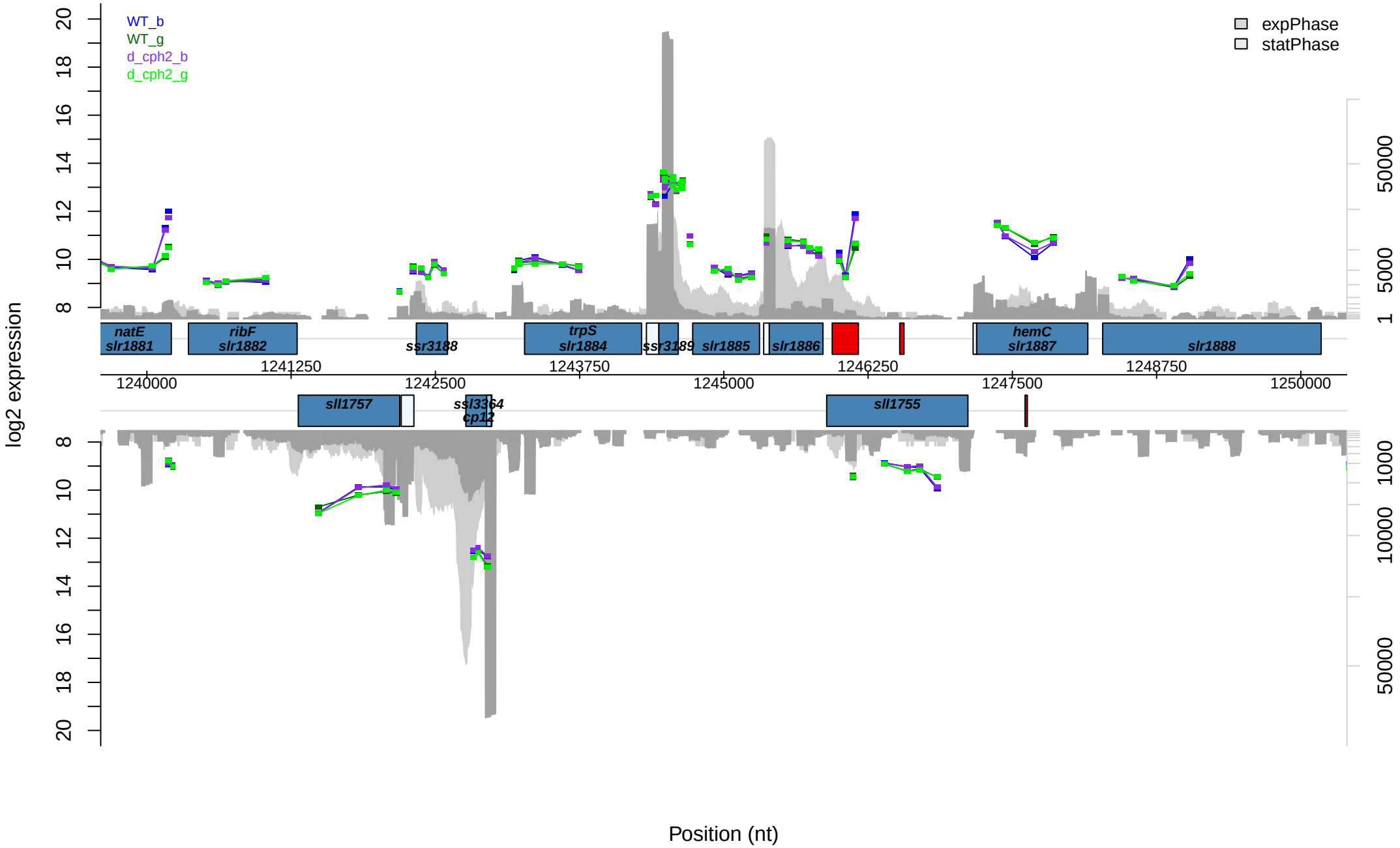

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
ncr0480
slr1852
slr1853
slr1854
slr1855
slr1856
glgX
slr1857
slr1859
icfG
slr1860
slr1861
slr1862
sll1783
1190000
1191250
1192500
1193750
1195000
1196250
1197500
1198750
1200000
Position (nt)

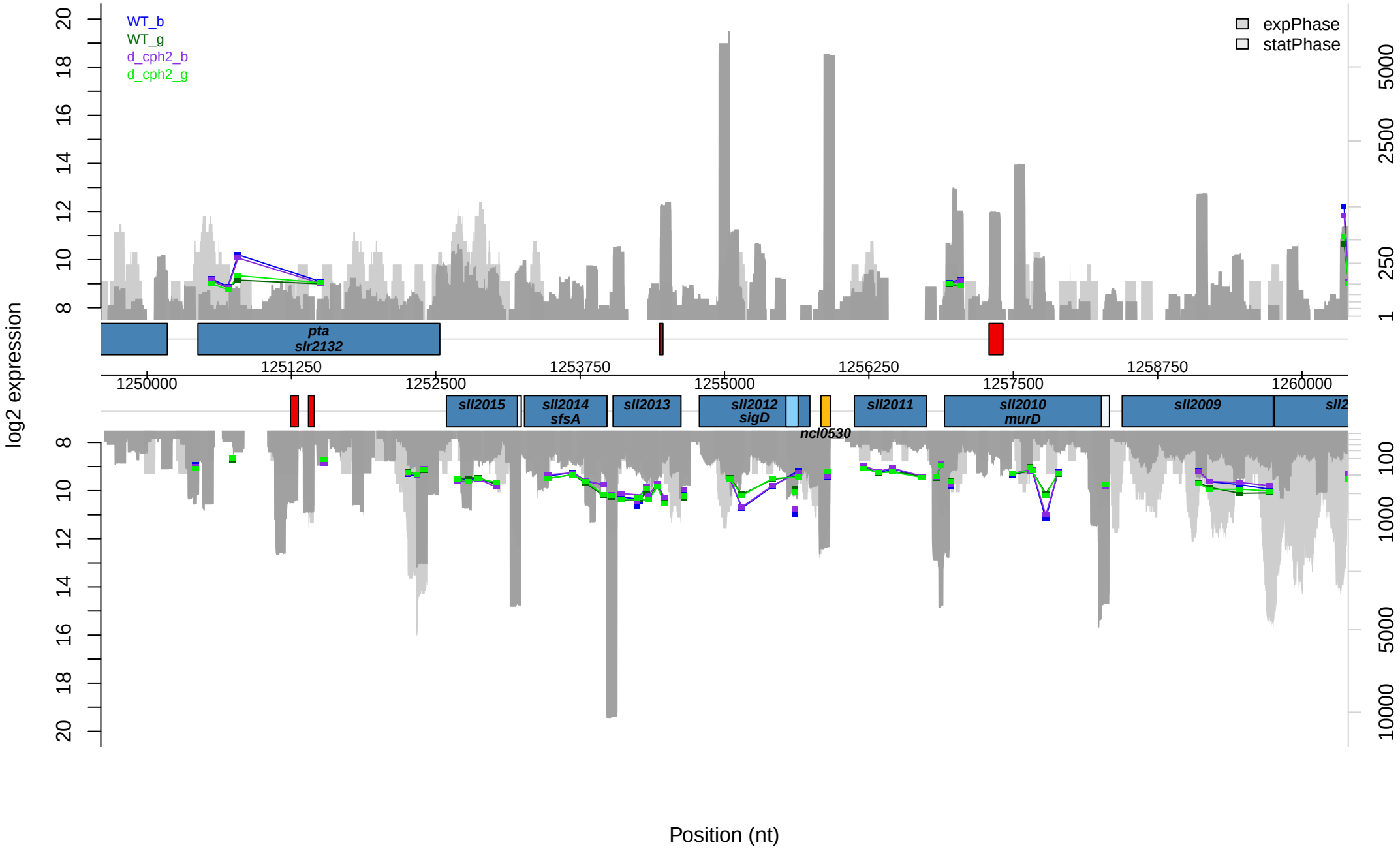

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1862
slr1863
slr1864
slr1865
slr1866
trpD
slr1867
sll1780
sll1776
deoC
sll1775
1200000
1201250
1202500
1203750
1205000
1206250
1207500
1208750
1210000

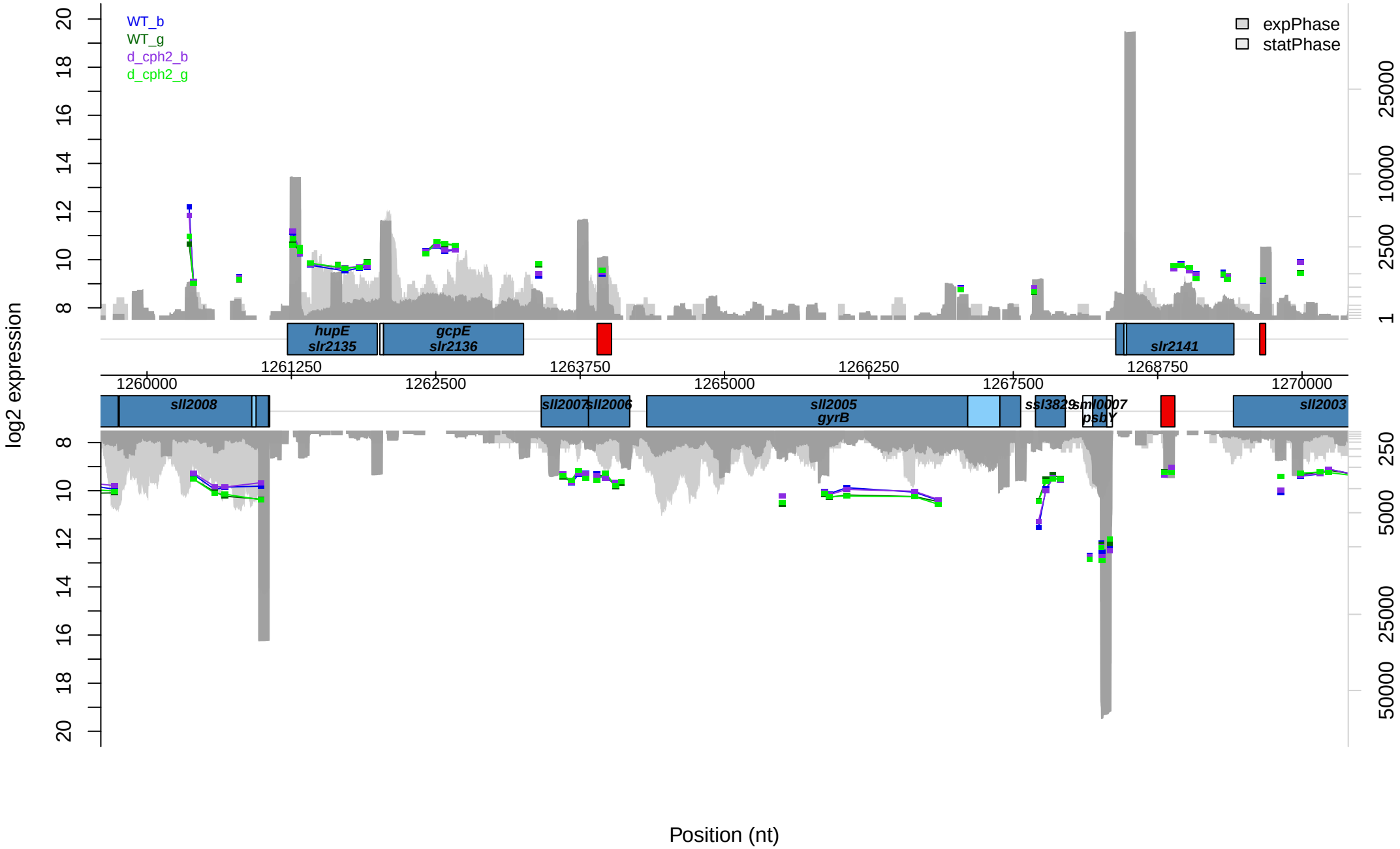

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0490
ssr3154
slr1869
ssr3159
slr1870
ncr0500
slr1871
sll1775
sll1774
ncl0520
ssl3389
sll1773
sll1772
mutS
sll1771
pphA
1210000
1211250
1212500
1213750
1215000
1216250
1217500
1218750
1220000

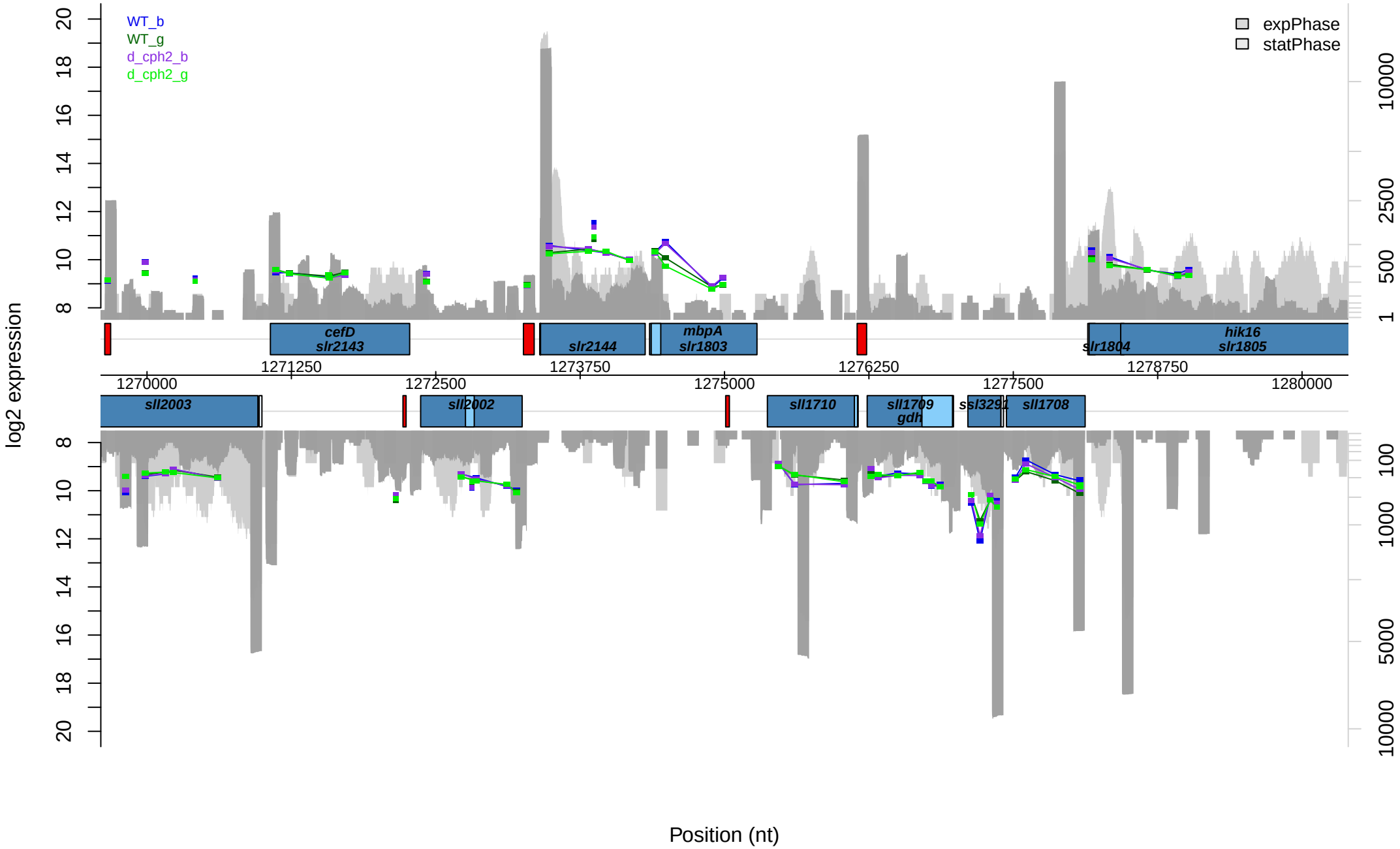

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ddl slr1874
exoD slr1875
slr1876
hpcE slr1877
cpcE slr1878
sll1771 pphA
sll1770
sll1768
ssl3379 clpS
sll1767 rps6
1220000
1221250
1222500
1223750
1225000
1226250
1227500
1228750
1230000

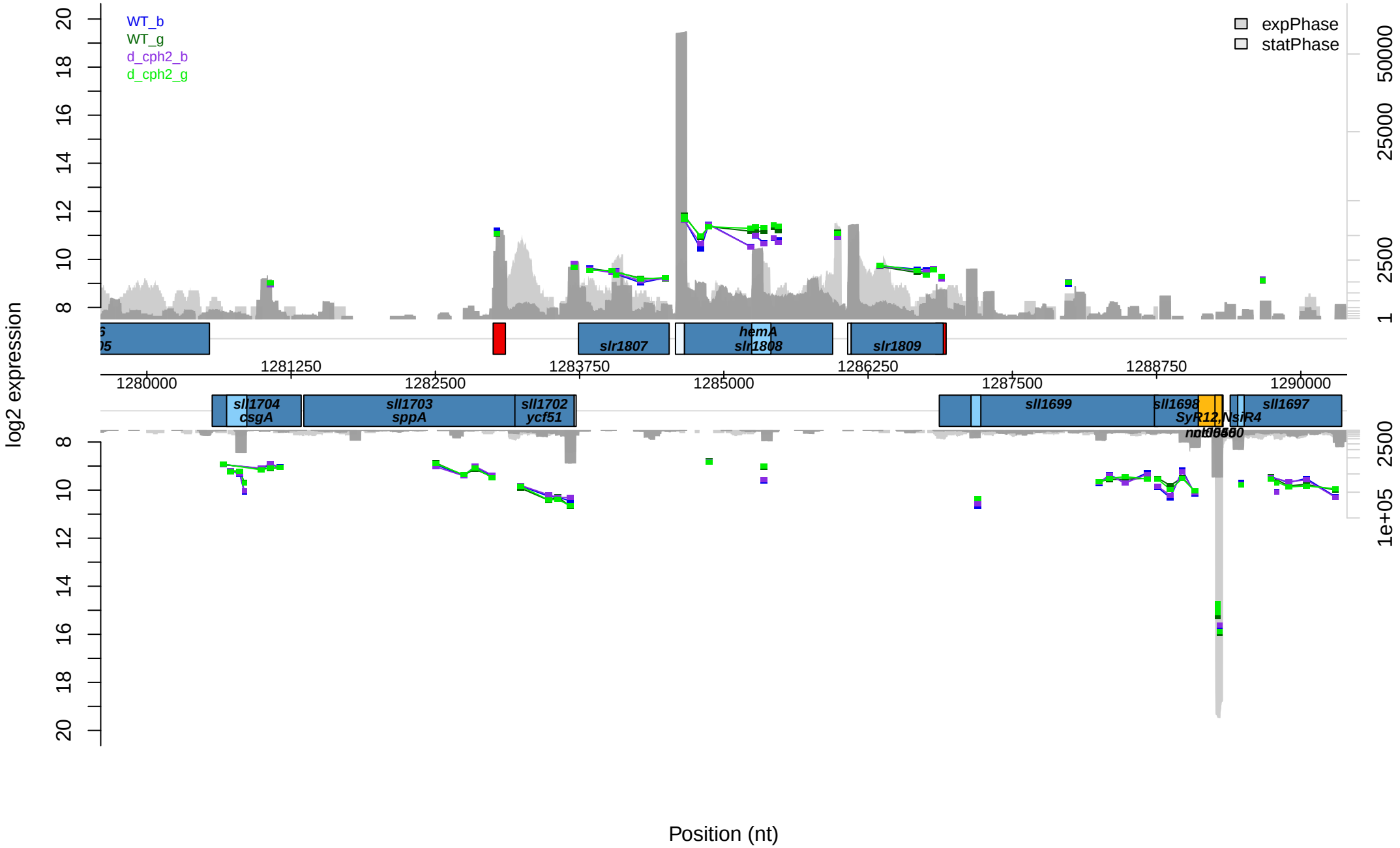

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cobI
slr1879
slr1880
ssr3184
natE
slr1881
sll1766
aslB
sll1765
sll1764
sll1763
sll1762
sll1761
sll1760
thrB
sll1758
1230000
1231250
1232500
1233750
1235000
1236250
1237500
1238750
1240000

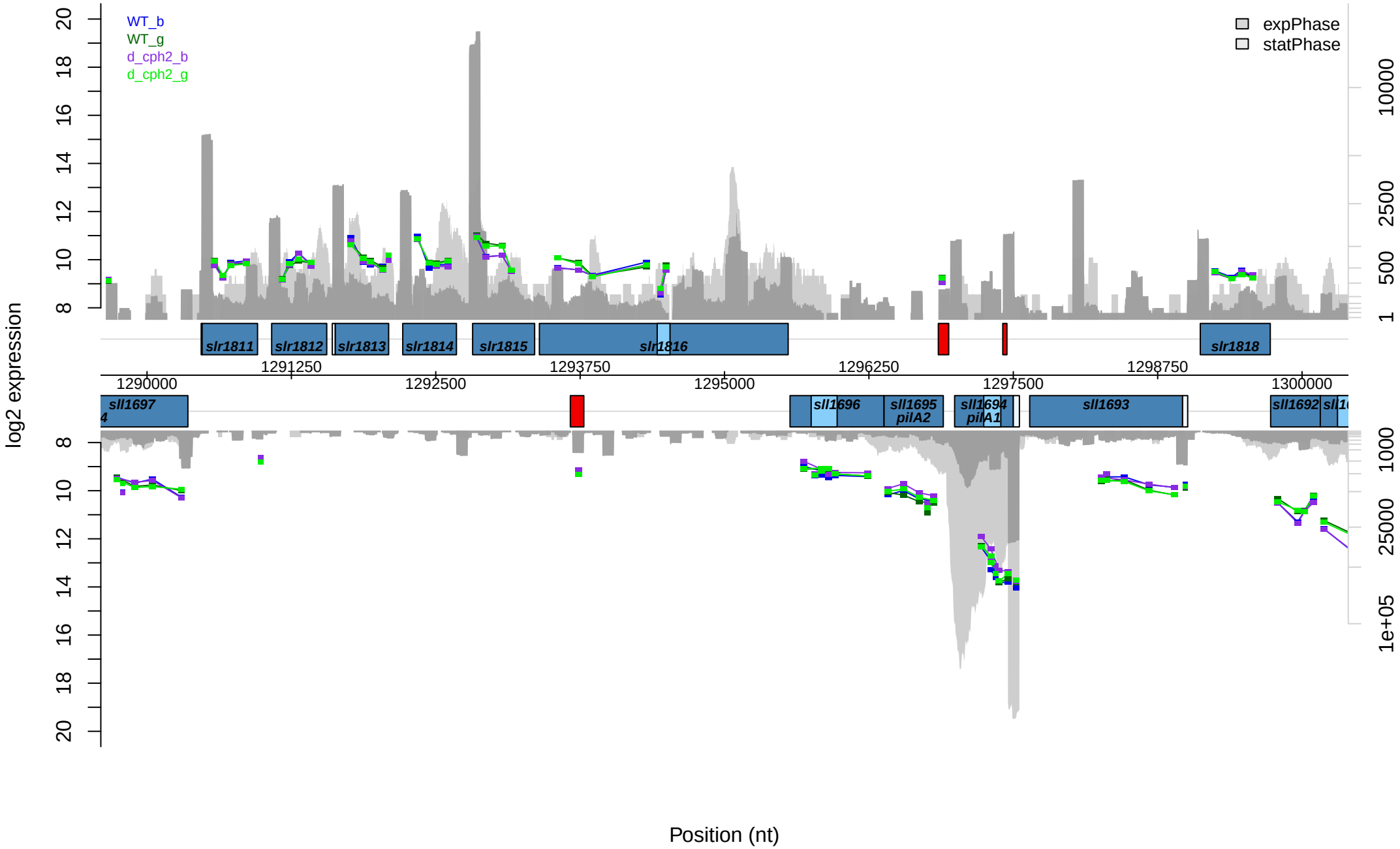

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
natE slr1881
ribF slr1882
ssr3188
trpS slr1884
ssr3189
slr1885
slr1886
hemC slr1887
slr1888
sll1757
ssl3364 cp12
sll1755
1240000
1241250
1242500
1243750
1245000
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1247500
1248750
1250000

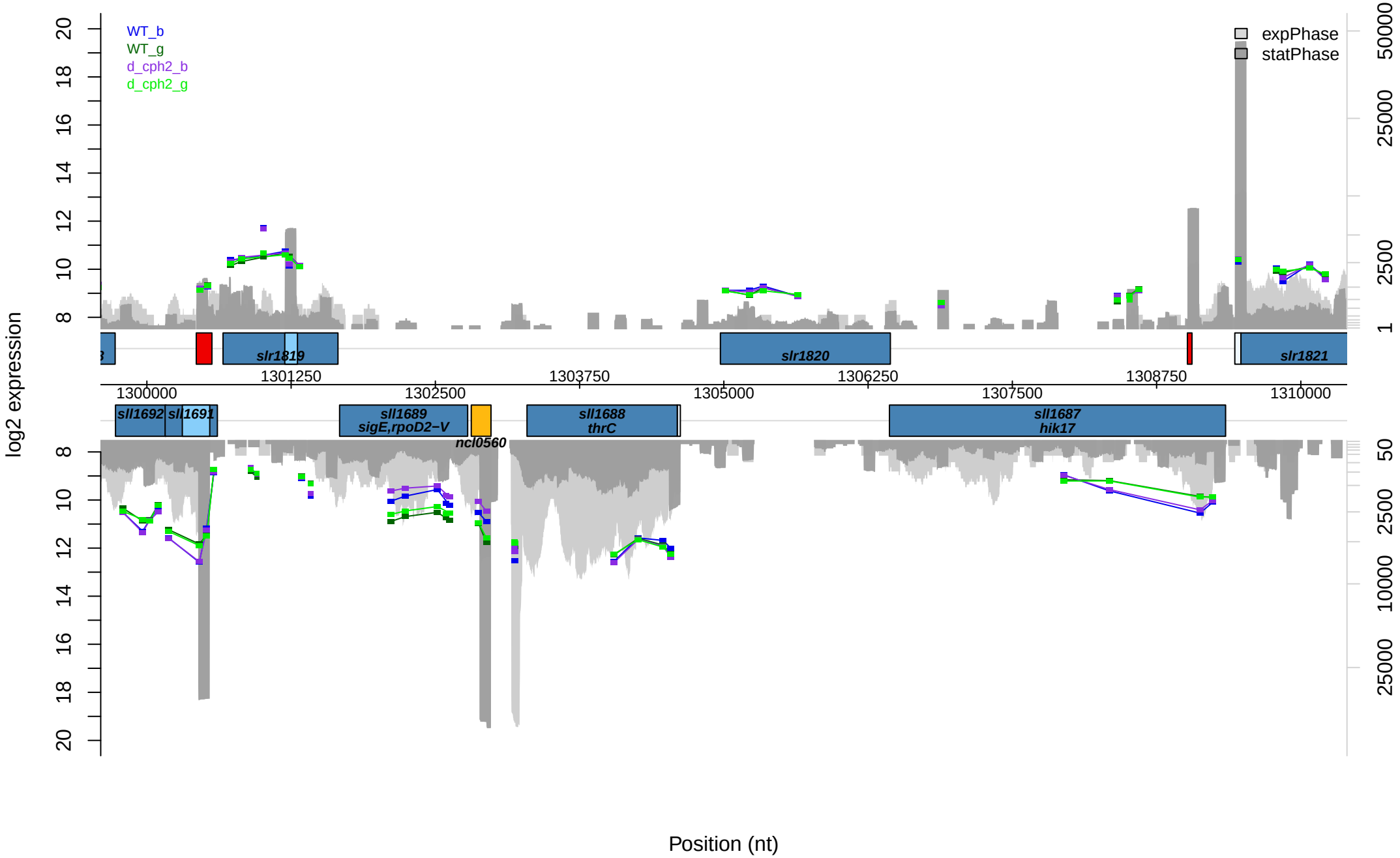

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pta
slr2132
sll2015
sll2014
sfsA
sll2013
sll2012
sigD
ncl0530
sll2011
sll2010
murD
sll2009
1250000
1251250
1252500
1253750
1255000
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1257500
1258750
1260000

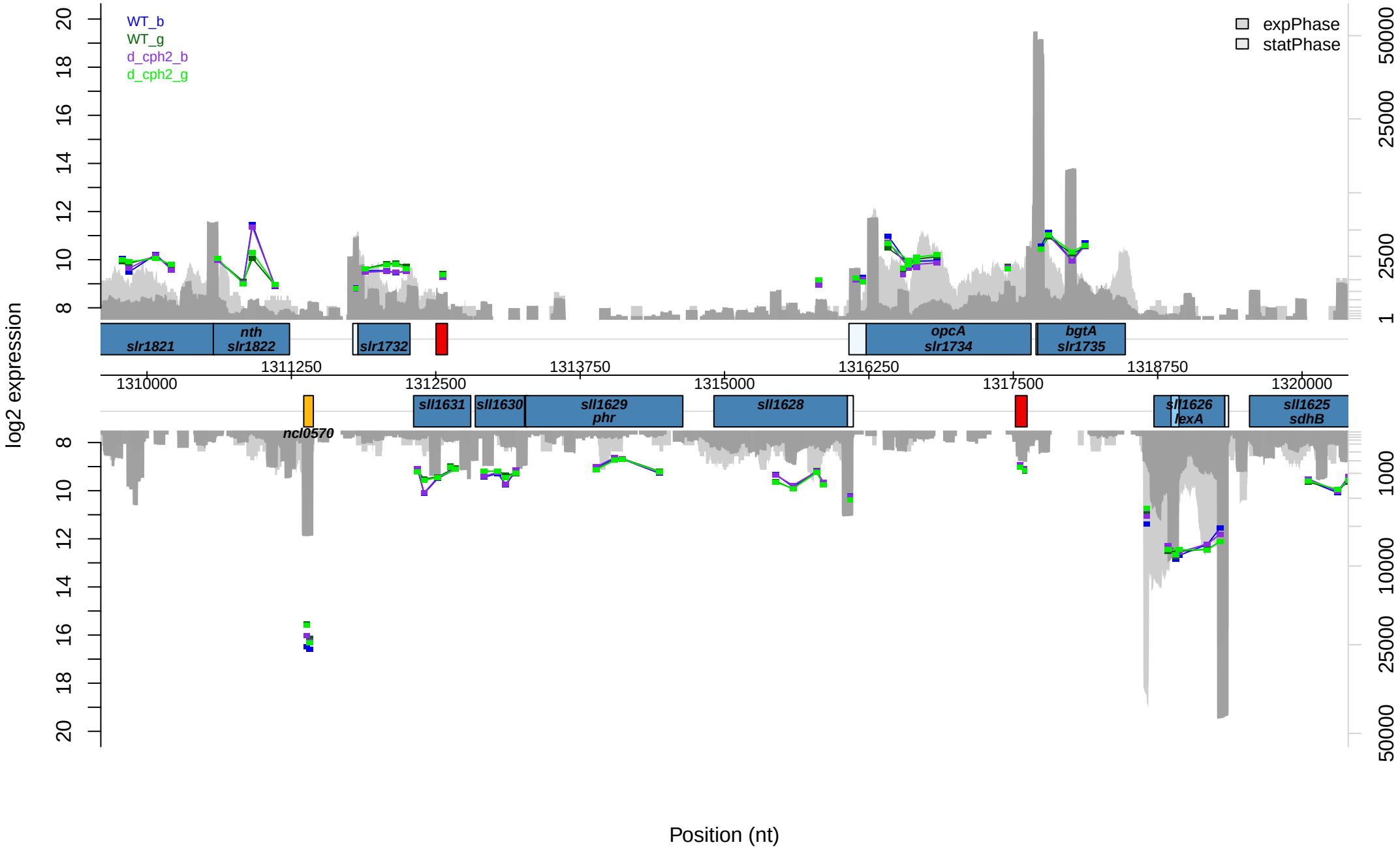

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hupE
slr2135
gcpE
slr2136
slr2141
sll2008
sll2007
sll2006
sll2005
gyrB
ssl3829
sml0007
psbY
sll2003
1260000
1261250
1262500
1263750
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1267500
1268750
1270000

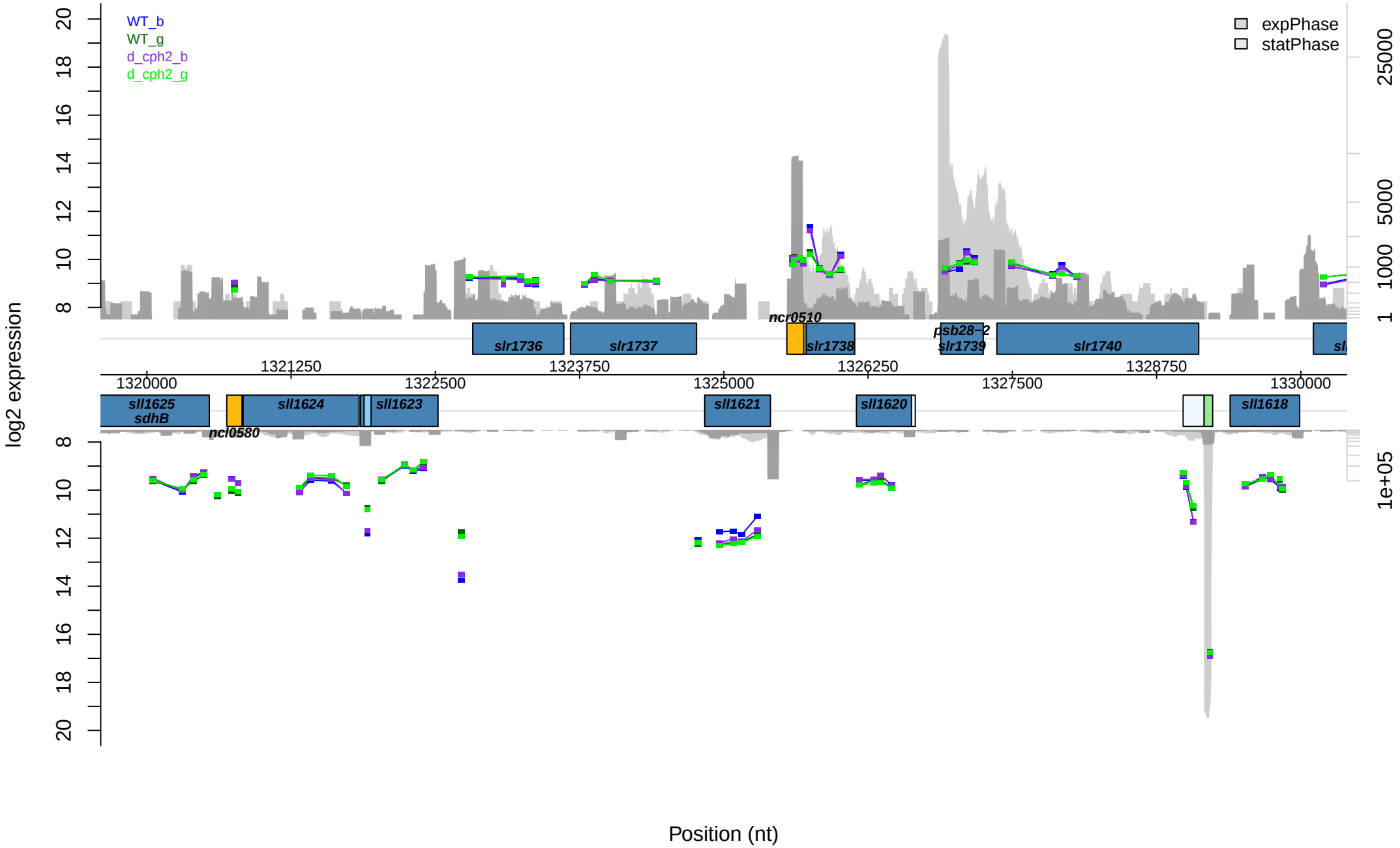

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cefD
slr2143
slr2144
mbpA
slr1803
slr1804
hik16
slr1805
sll2003
sll2002
sll1710
sll1709
gdh
ssl3291
sll1708
1270000
1271250
1272500
1273750
1275000
1276250
1277500
1278750
1280000

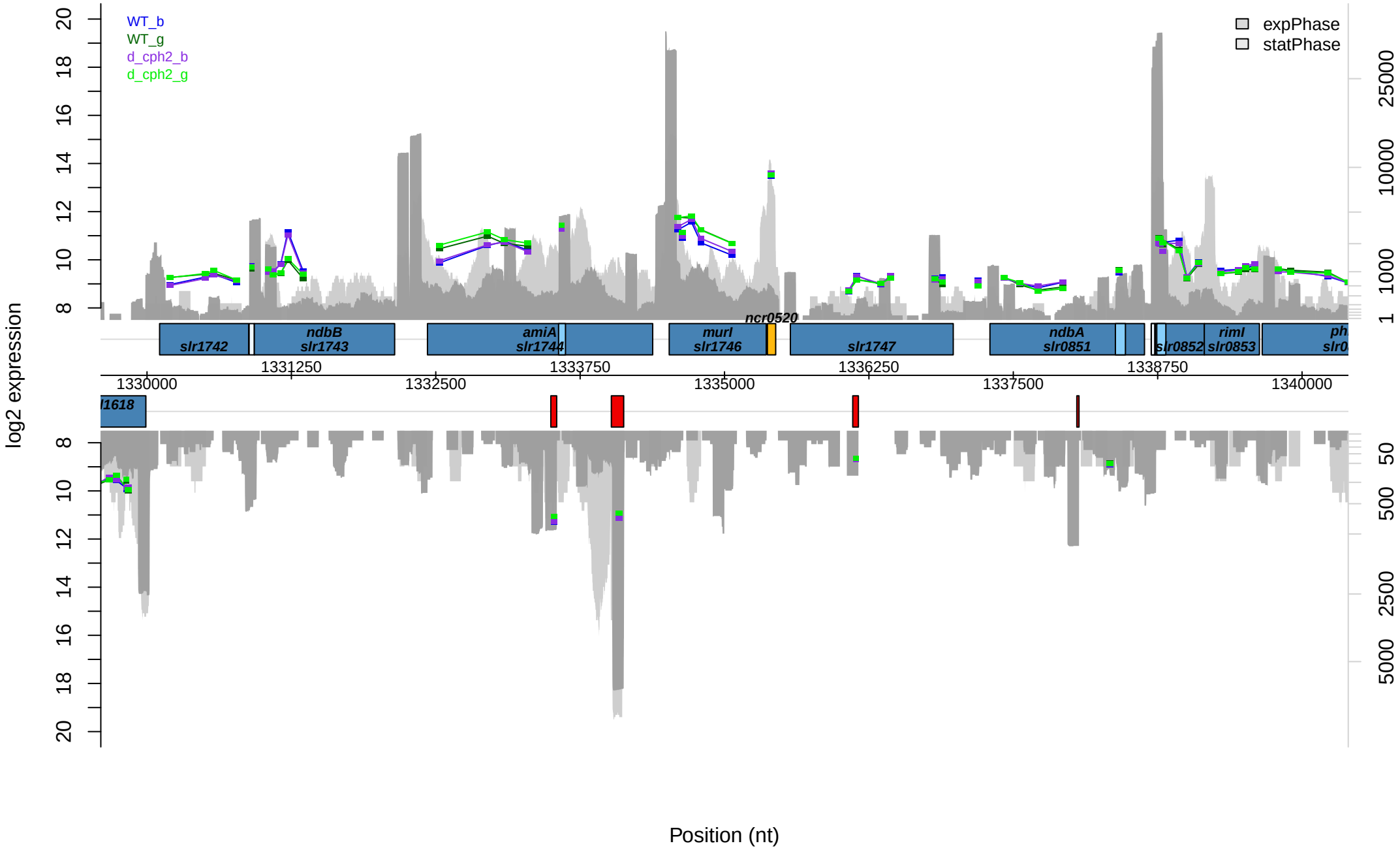

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hemA
slr1807
slr1808
slr1809
sll1704
csgA
sll1703
sppA
sll1702
ycf51
sll1699
sll1698
sll1697
1280000
1281250
1282500
1283750
1285000
1286250
1287500
1288750
1290000

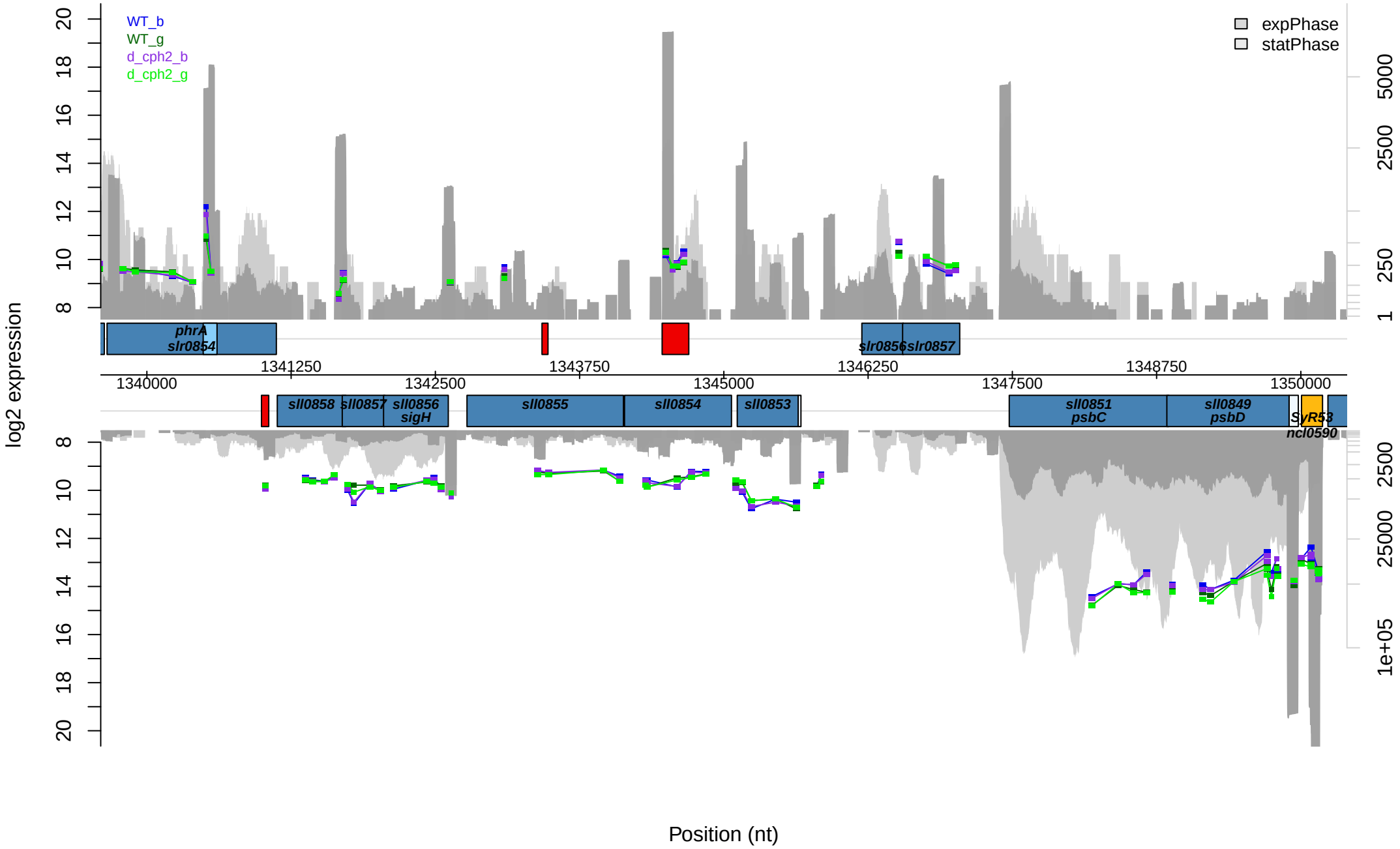

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1811
slr1812
slr1813
slr1814
slr1815
slr1816
slr1818
sll1697
4
sll1696
sll1695
pilA2
sll1694
pilA1
sll1693
sll1692
1290000
1291250
1292500
1293750
1295000
1296250
1297500
1298750
1300000

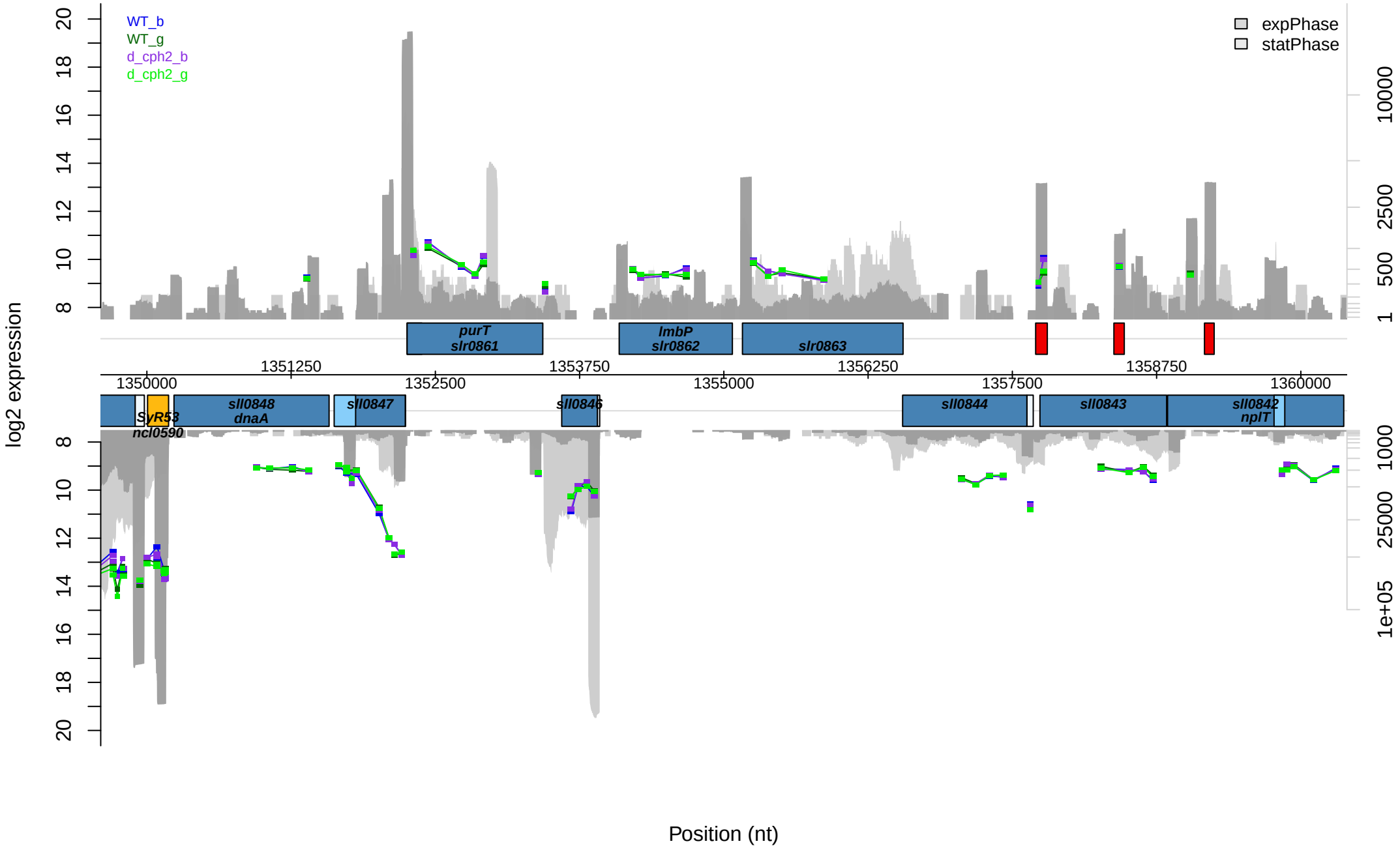

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1819
slr1820
slr1821
sll1692
sll1691
sll1689
sigE,rpoD2−V
ncl0560
sll1688
thrC
sll1687
hik17
1300000
1301250
1302500
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1305000
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1307500
1308750
1310000

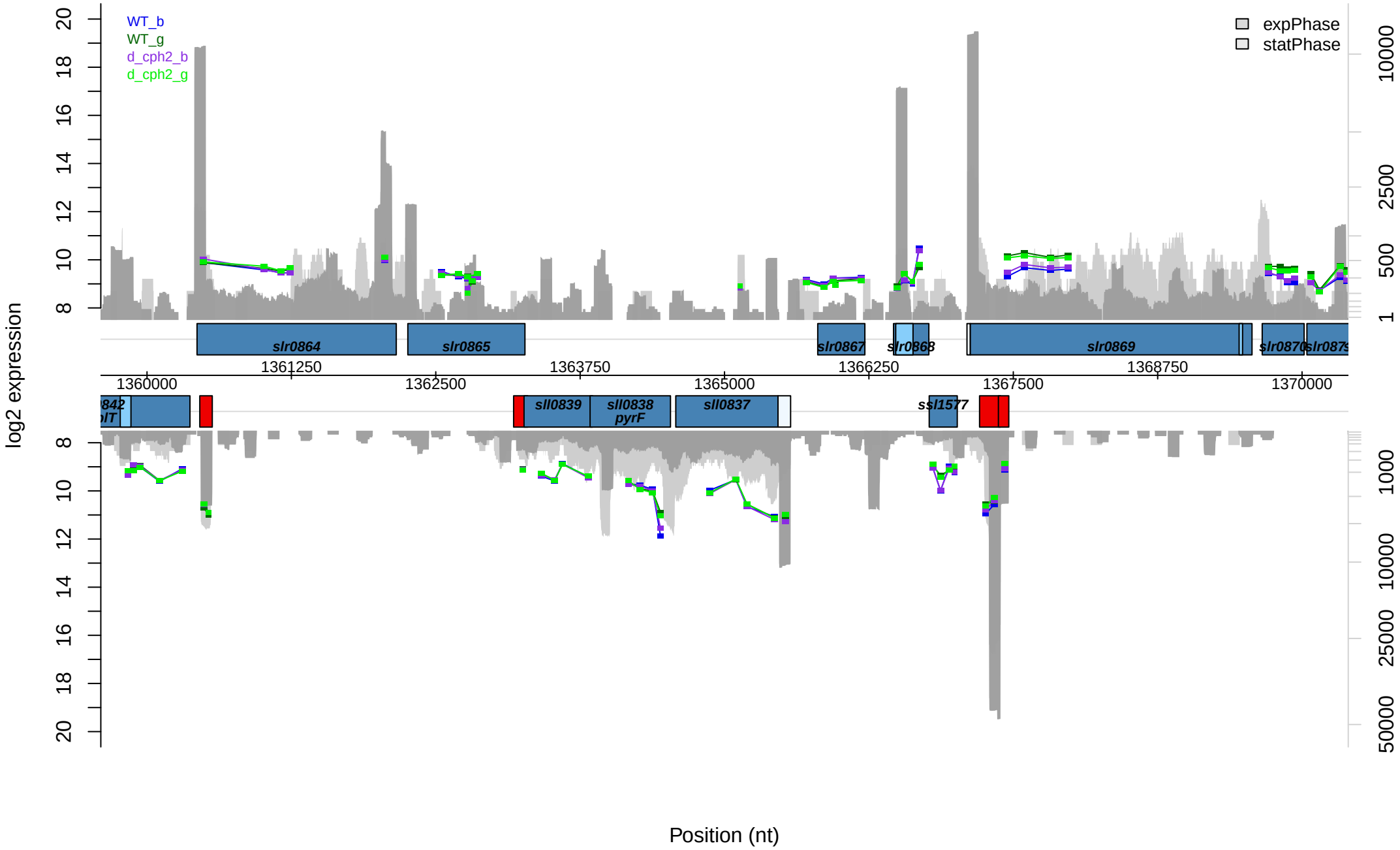

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1821
nth
slr1822
slr1732
opcA
slr1734
bgtA
slr1735
ncl0570
sll1631
sll1630
sll1629
phr
sll1628
sll1626
lexA
sll1625
sdhB
1310000
1311250
1312500
1313750
1315000
1316250
1317500
1318750
1320000

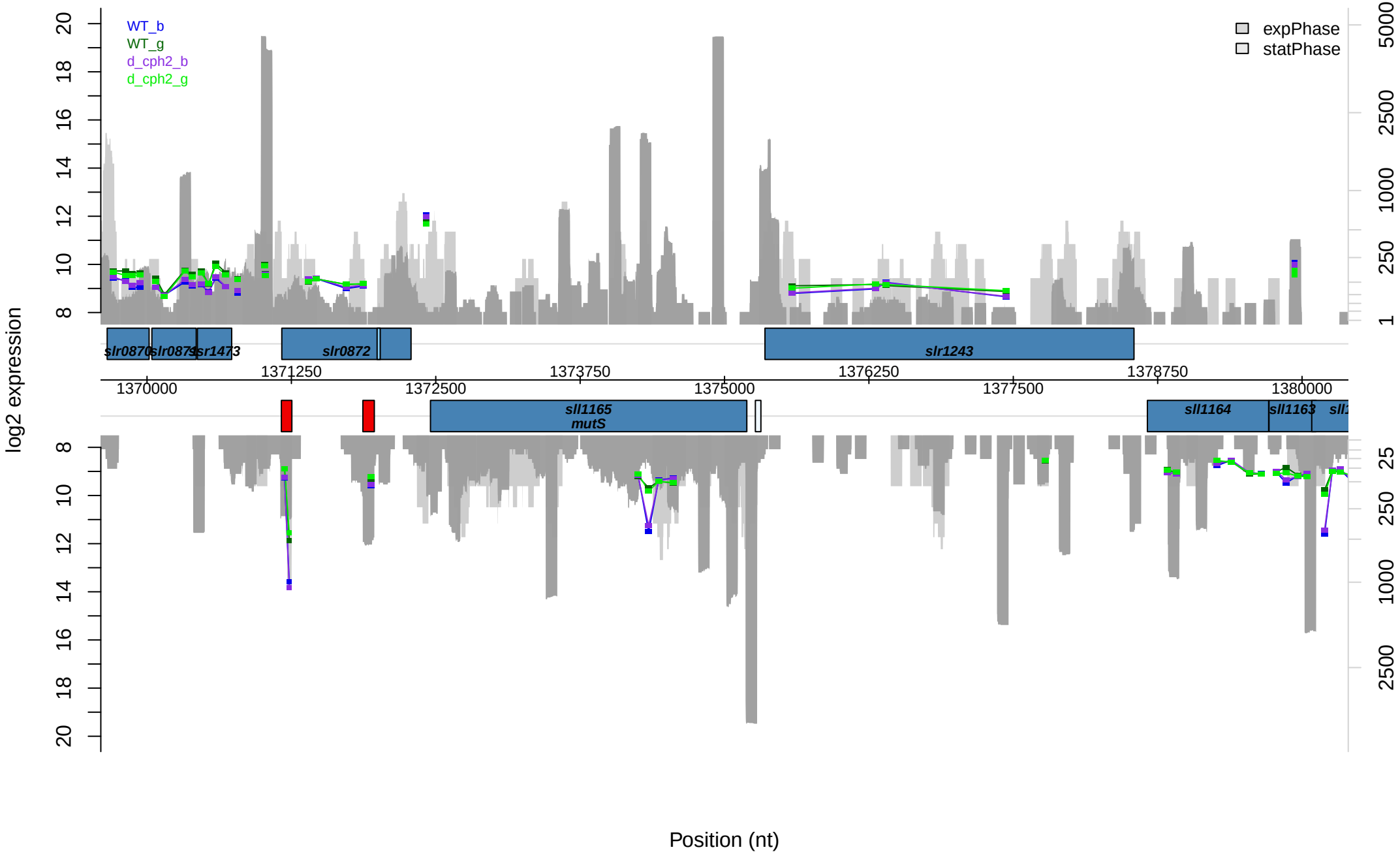

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1736
slr1737
ncr0510
slr1738
psb28-2
slr1739
slr1740
sll1625
sdhB
ncl0580
sll1624
sll1623
sll1621
sll1620
sll1618
1320000
1321250
1322500
1323750
1325000
1326250
1327500
1328750
1330000

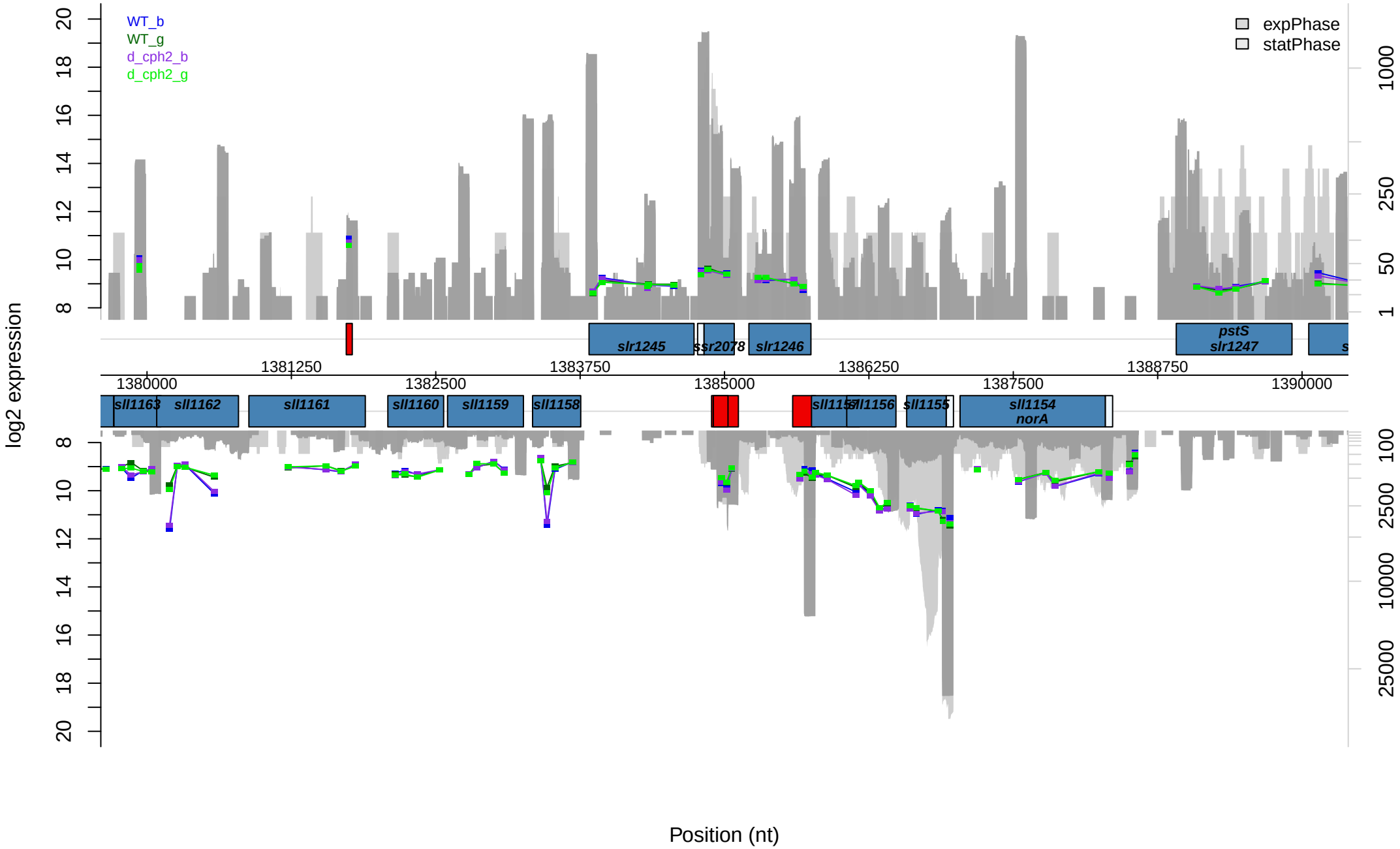

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1742
ndbB
slr1743
amiA
slr1744
murI
slr1746
ncr0520
slr1747
ndbA
slr0851
slr0852
rimI
slr0853
1330000
1331250
1332500
1333750
1335000
1336250
1337500
1338750
1340000

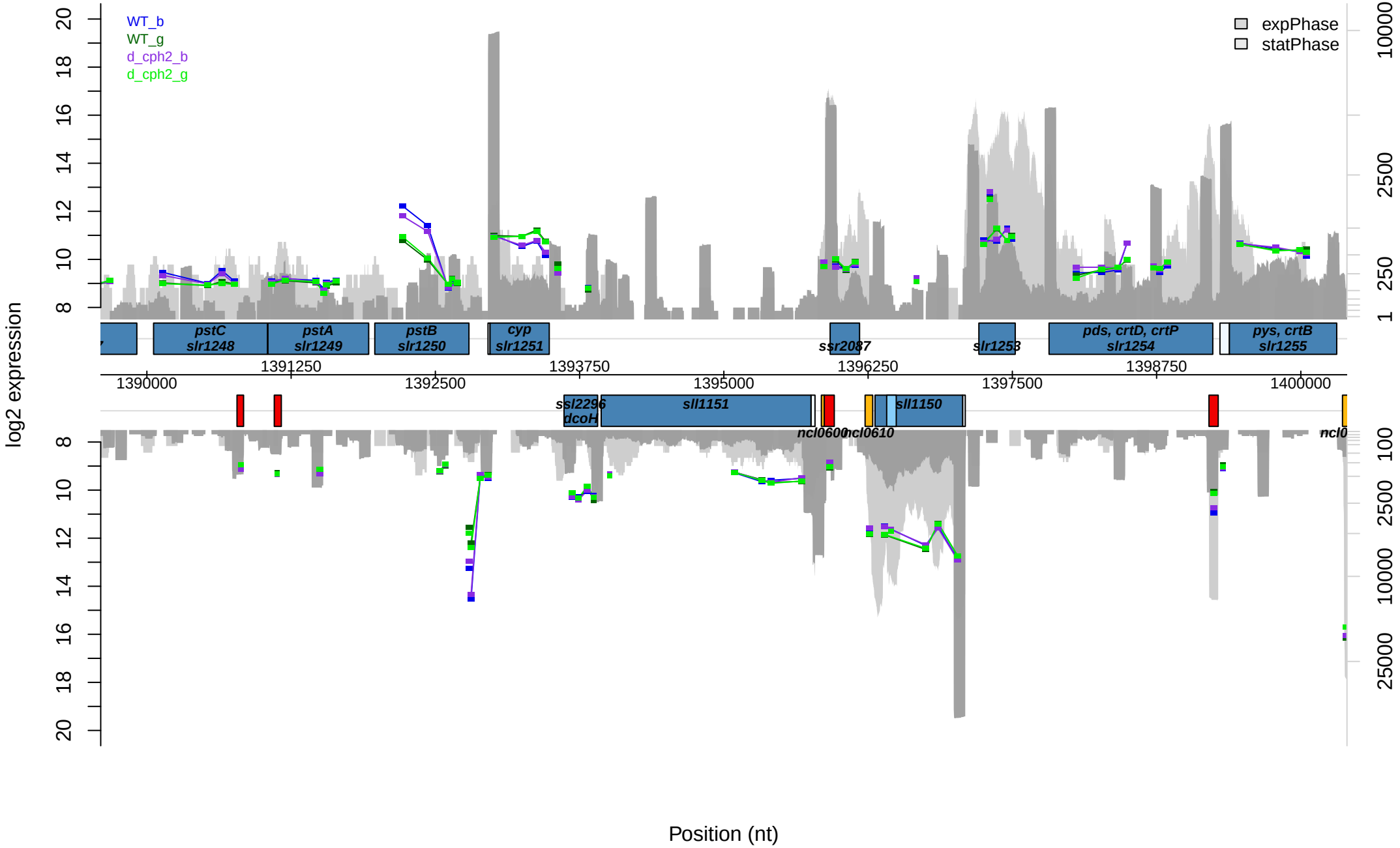

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
phrA
slr0854
slr0856
slr0857
1340000
1341250
1342500
1343750
1345000
1346250
1347500
1348750
1350000
sll0858
sll0857
sll0856
sigH
sll0855
sll0854
sll0853
sll0851
psbC
sll0849
psbD
SyR53
ncl0590

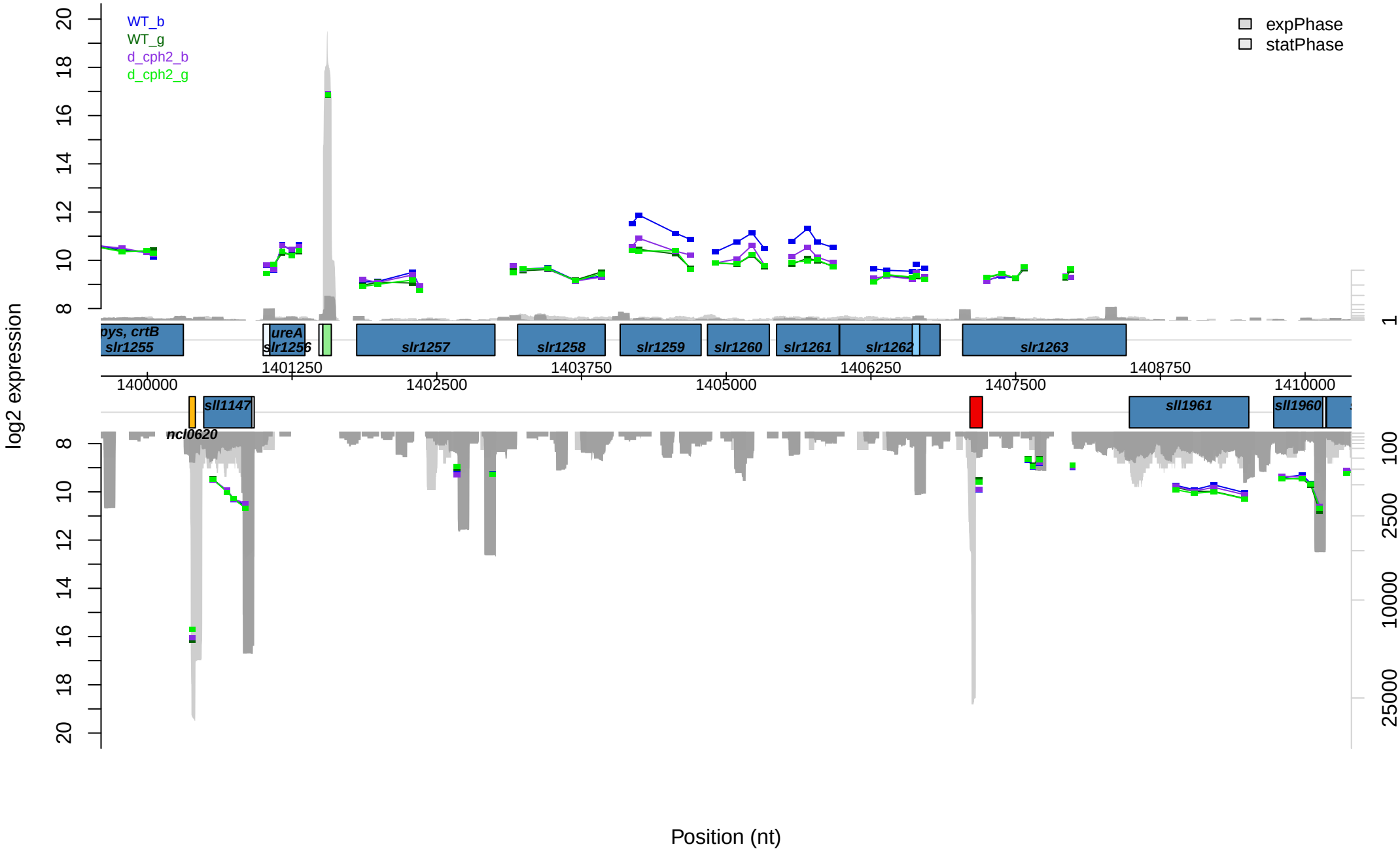

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
purT
slr0861
lmbP
slr0862
slr0863
sll0848
dnaA
sll0847
sll0846
sll0844
sll0843
sll0842
nplT
SyR53
ncl0590
1350000
1351250
1352500
1353750
1355000
1356250
1357500
1358750
1360000

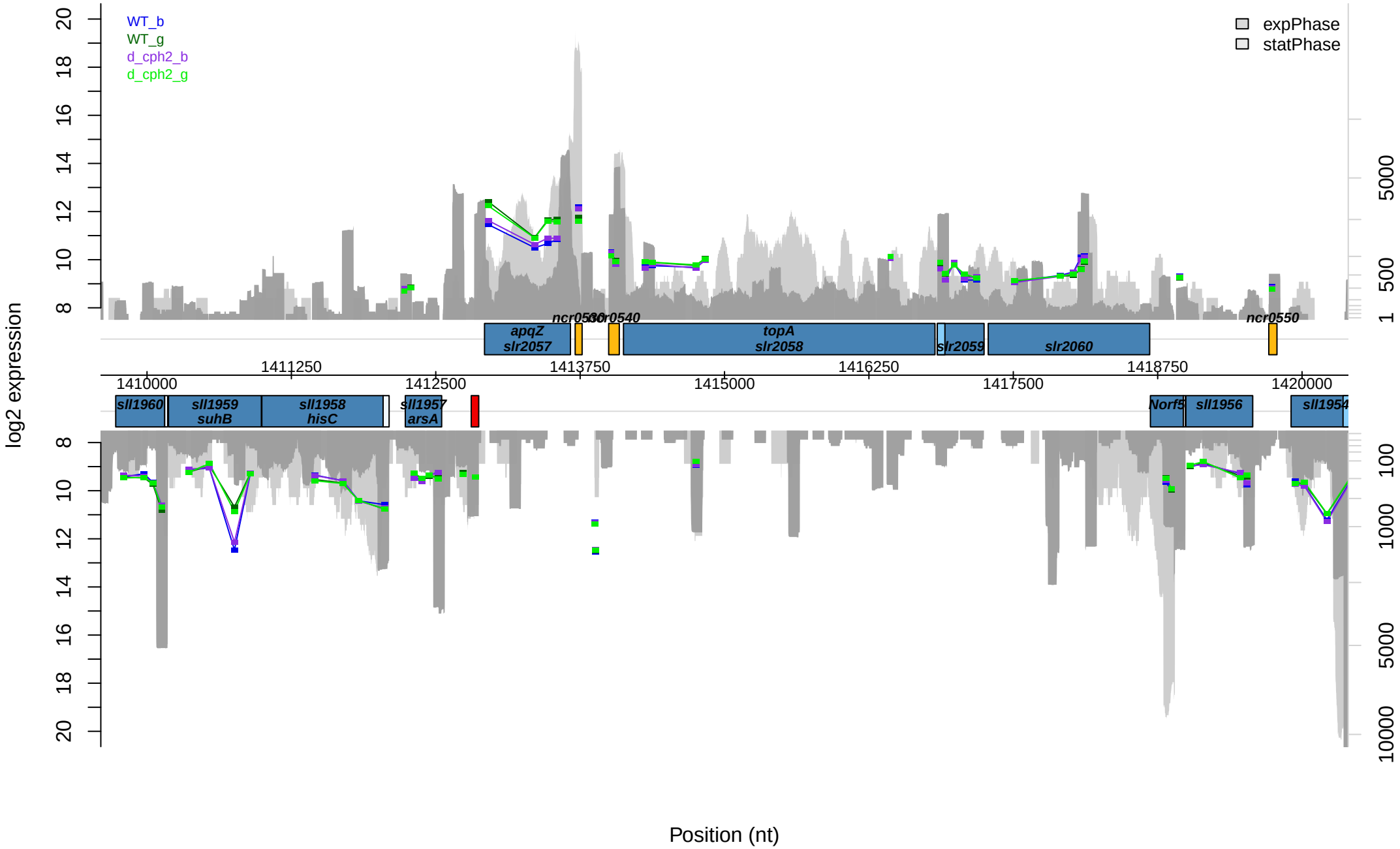

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0864
slr0865
slr0867
slr0868
slr0869
slr0870
sll0839
sll0838
pyrF
sll0837
ssl1577
1360000
1361250
1362500
1363750
1365000
1366250
1367500
1368750
1370000

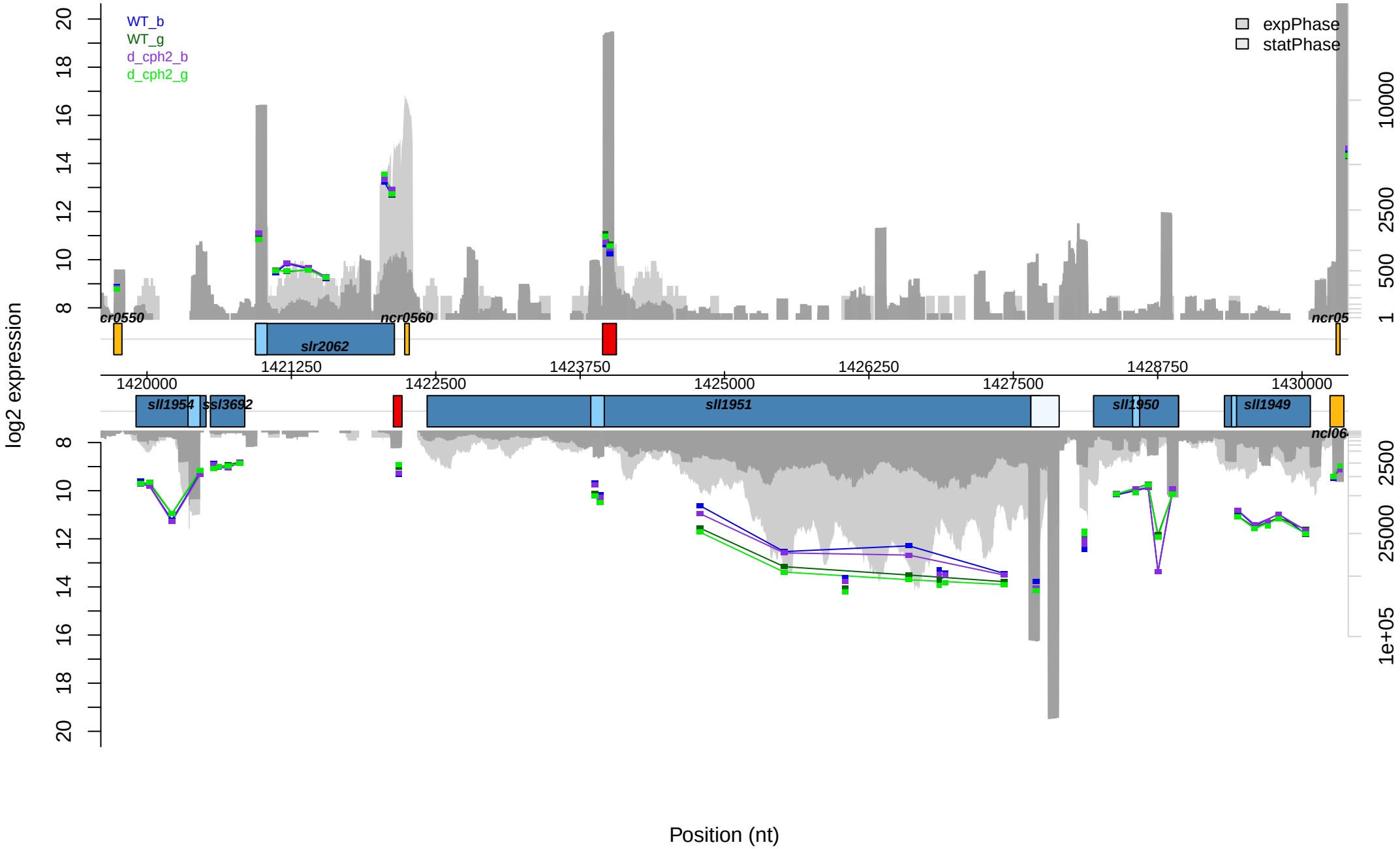

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0870
slr0871
slr1473
slr0872
slr1243
sll1165
mutS
sll1164
sll1163
1370000
1371250
1372500
1373750
1375000
1376250
1377500
1378750
1380000

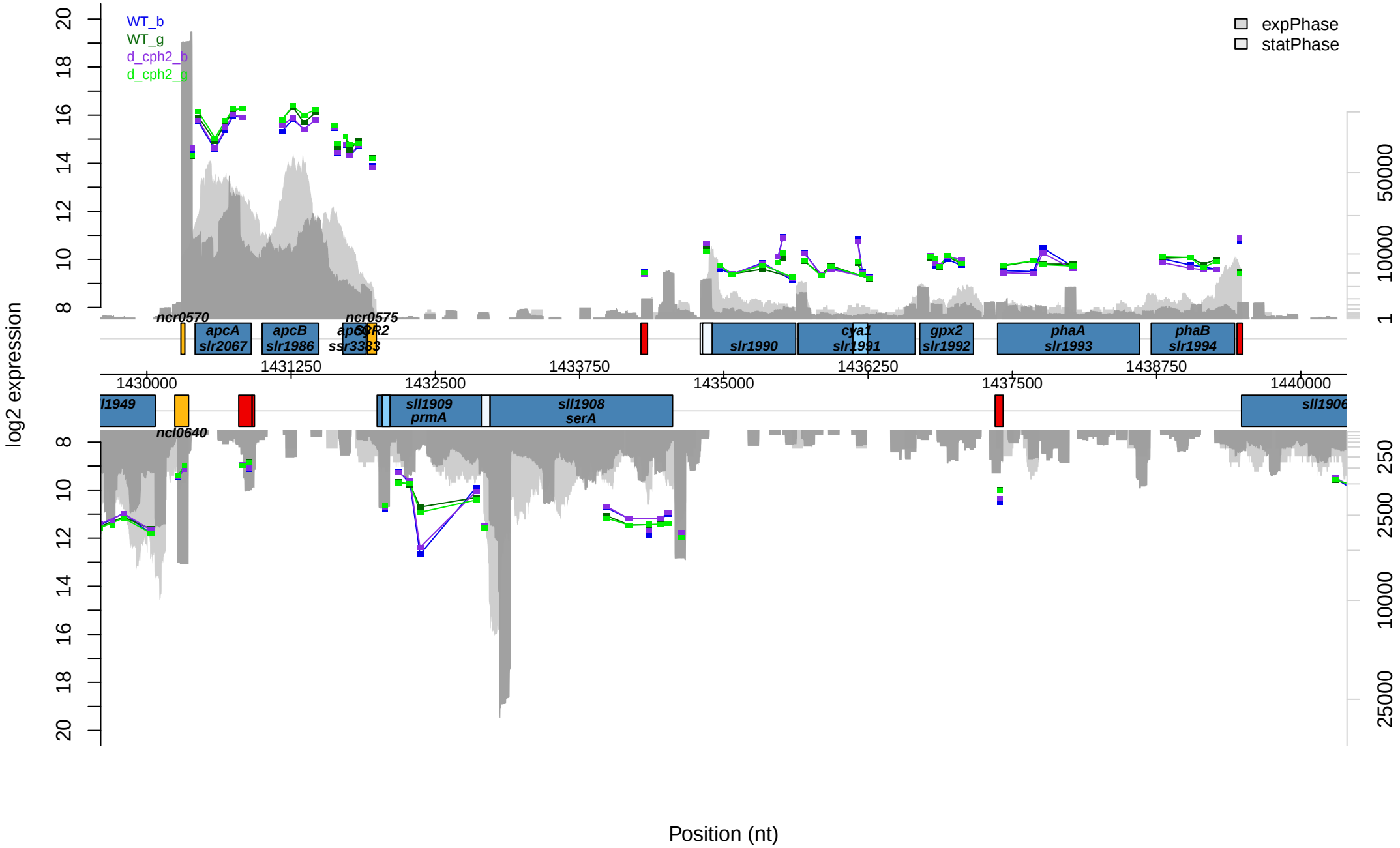

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1245
ssr2078
slr1246
pstS
slr1247
sll1163
sll1162
sll1161
sll1160
sll1159
sll1158
sll1156
sll1155
sll1154
norA
1380000
1381250
1382500
1383750
1385000
1386250
1387500
1388750
1390000

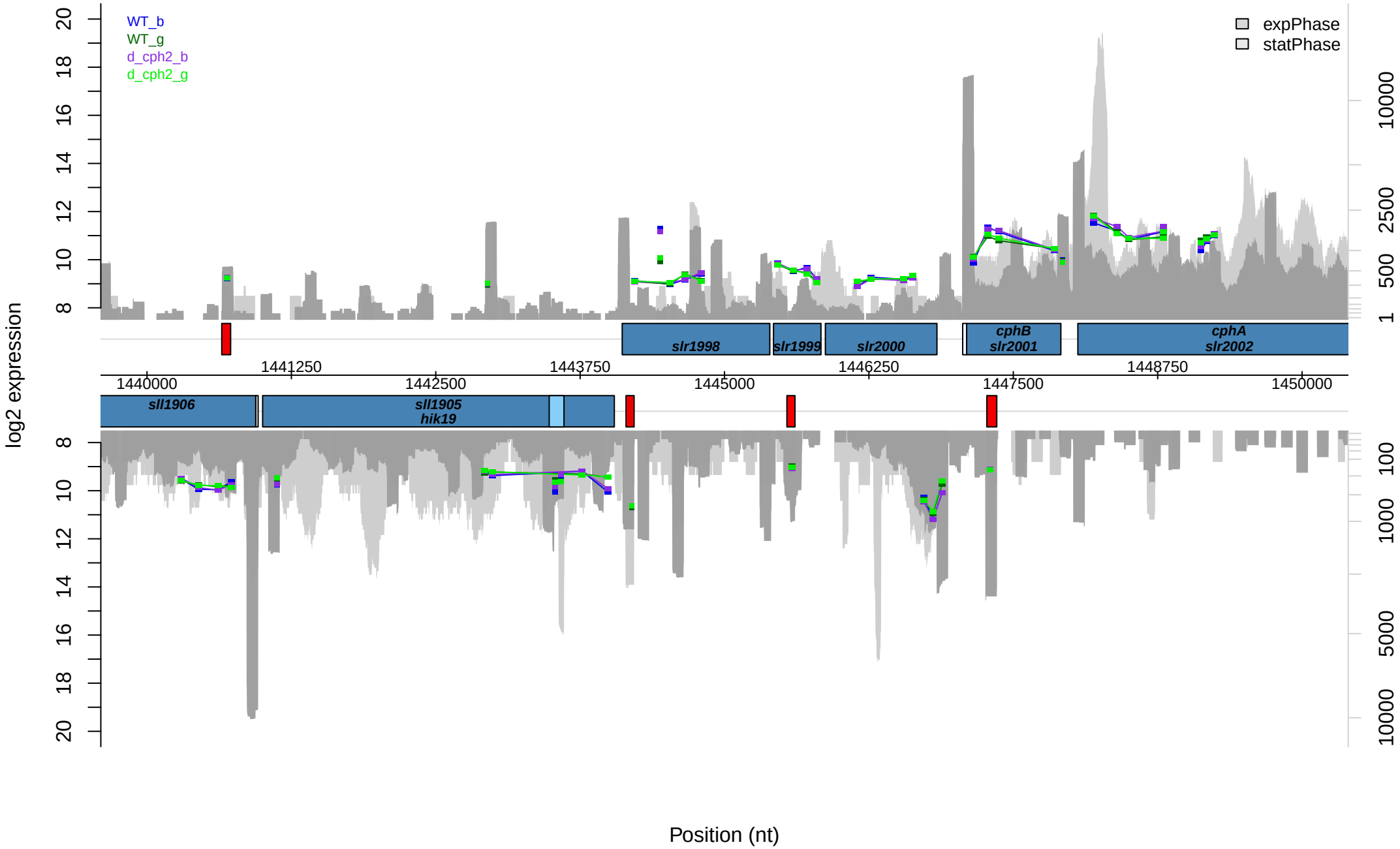

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pstC slr1248
pstA slr1249
pstB slr1250
cyp slr1251
ssr2087
slr1253
pds, crtD, crtP slr1254
pys, crtB slr1255
ssl2296 dcoH
sll1151
ncl0600
ncl0610
sll1150
ncl0
1390000
1391250
1392500
1393750
1395000
1396250
1397500
1398750
1400000

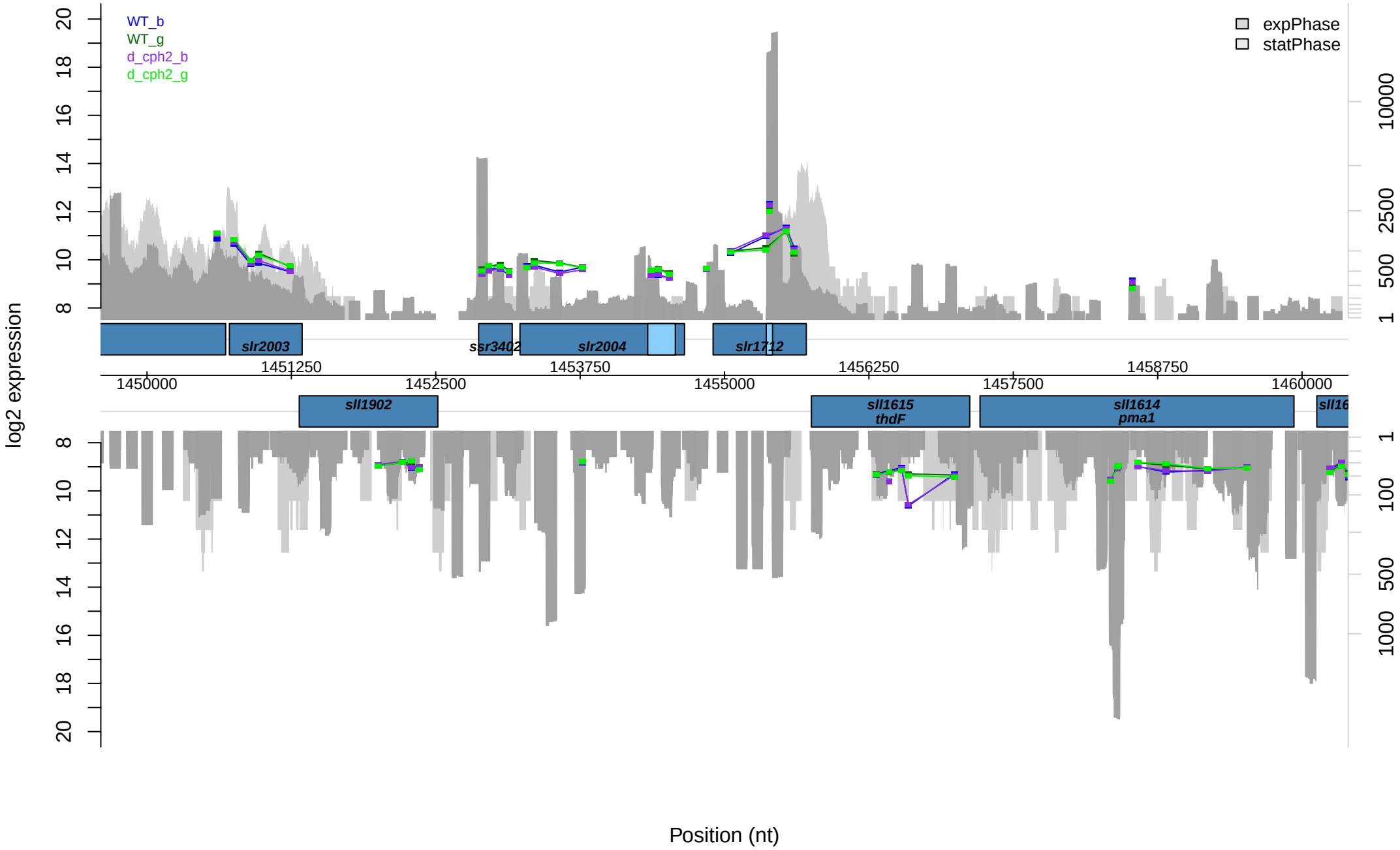

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1255
slr1256
slr1257
slr1258
slr1259
slr1260
slr1261
slr1262
slr1263
sll1147
ncl0620
sll1961
sll1960
1400000
1401250
1402500
1403750
1405000
1406250
1407500
1408750
1410000

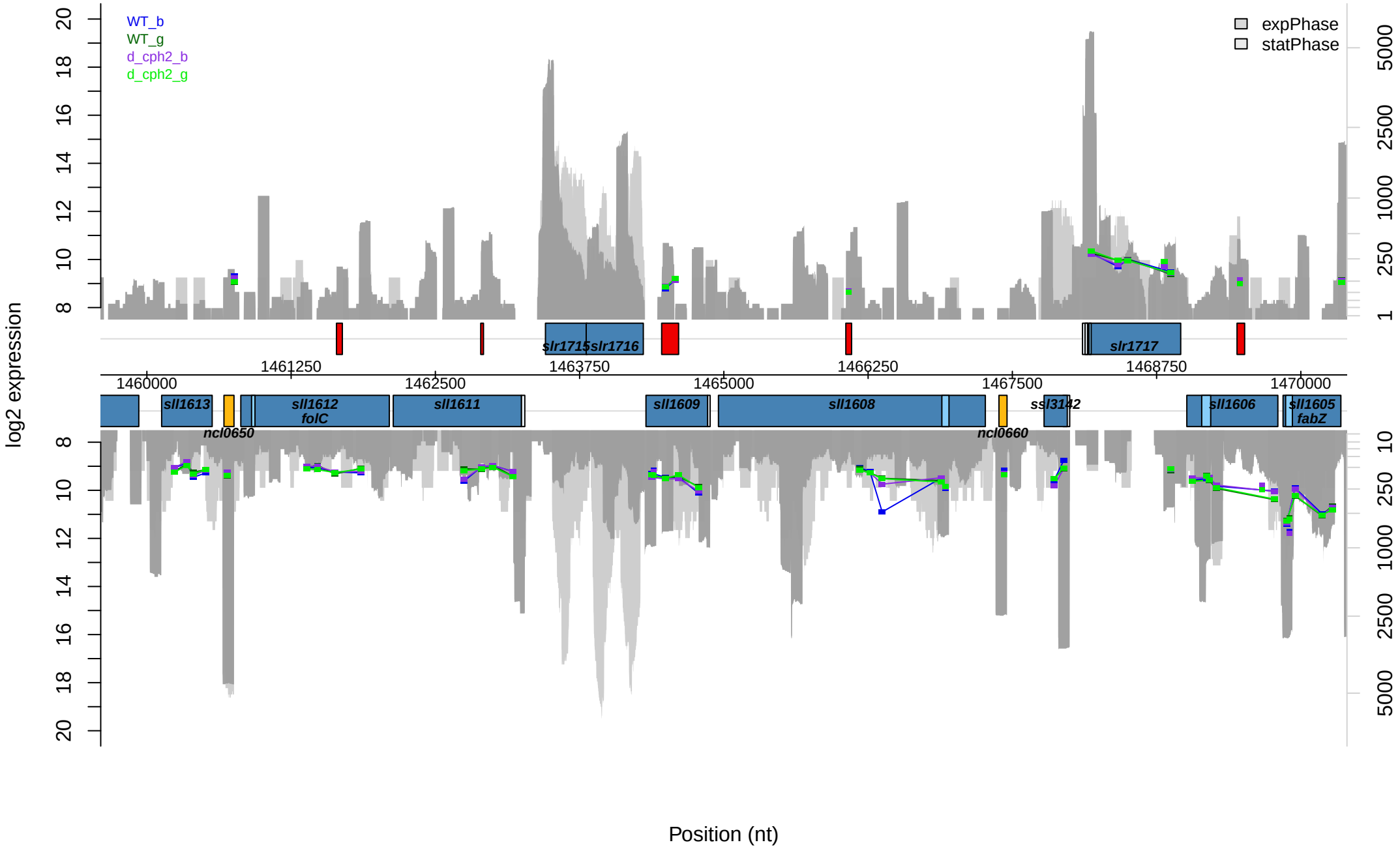

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
apqZ
slr2057
topA
slr2058
slr2059
slr2060
ncr0550
1410000
1411250
1412500
1413750
1415000
1416250
1417500
1418750
1420000
sll1960
sll1959
suhB
sll1958
hisC
sll1957
arsA
sll1956

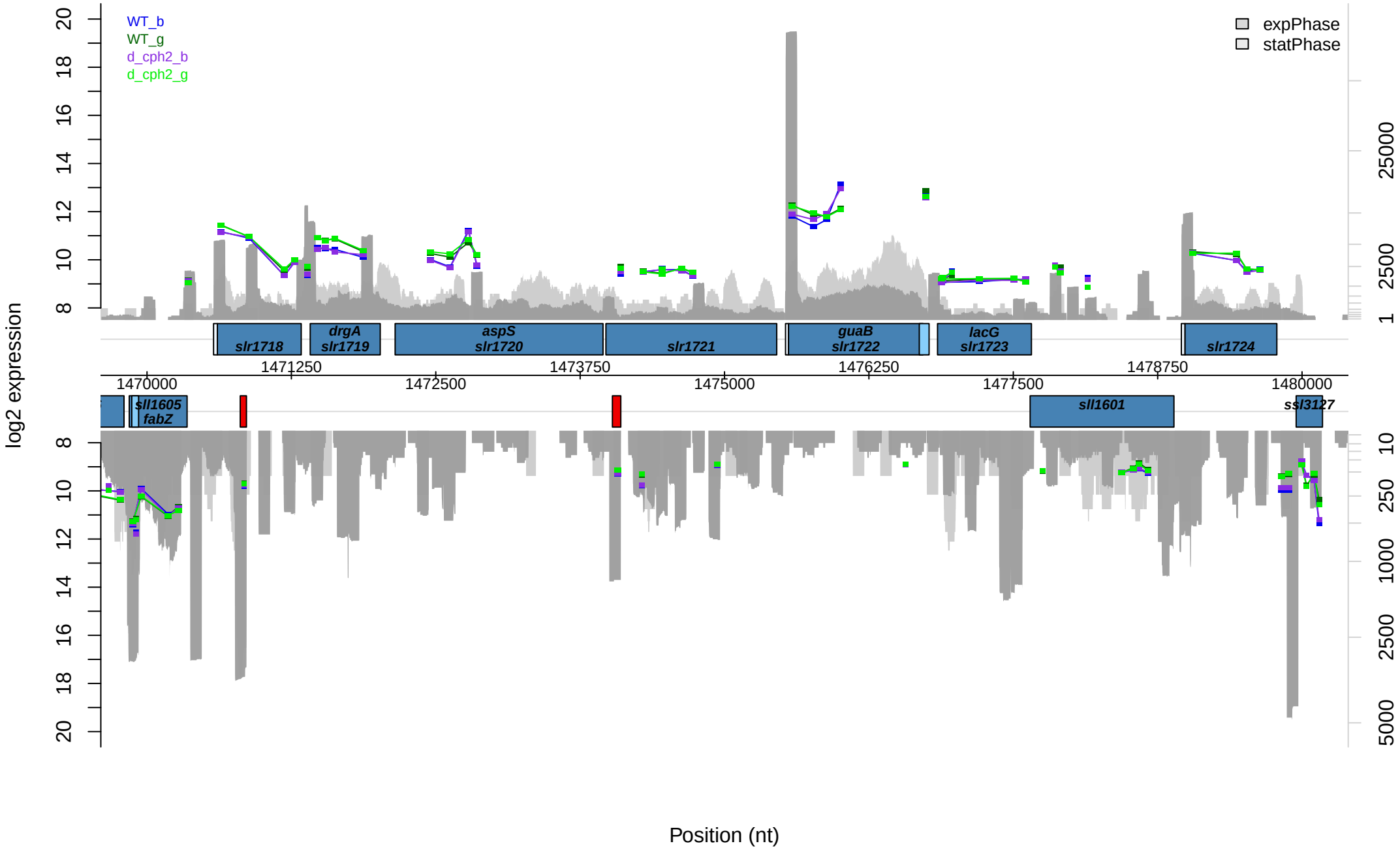

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cr0550
ncr0560
slr2062
ncr05
sll1954
ssl3692
sll1951
sll1950
sll1949
ncl06
1420000
1421250
1422500
1423750
1425000
1426250
1427500
1428750
1430000
8
10
12
14
16
18
20
1
500
2500
10000
25000
1e+05

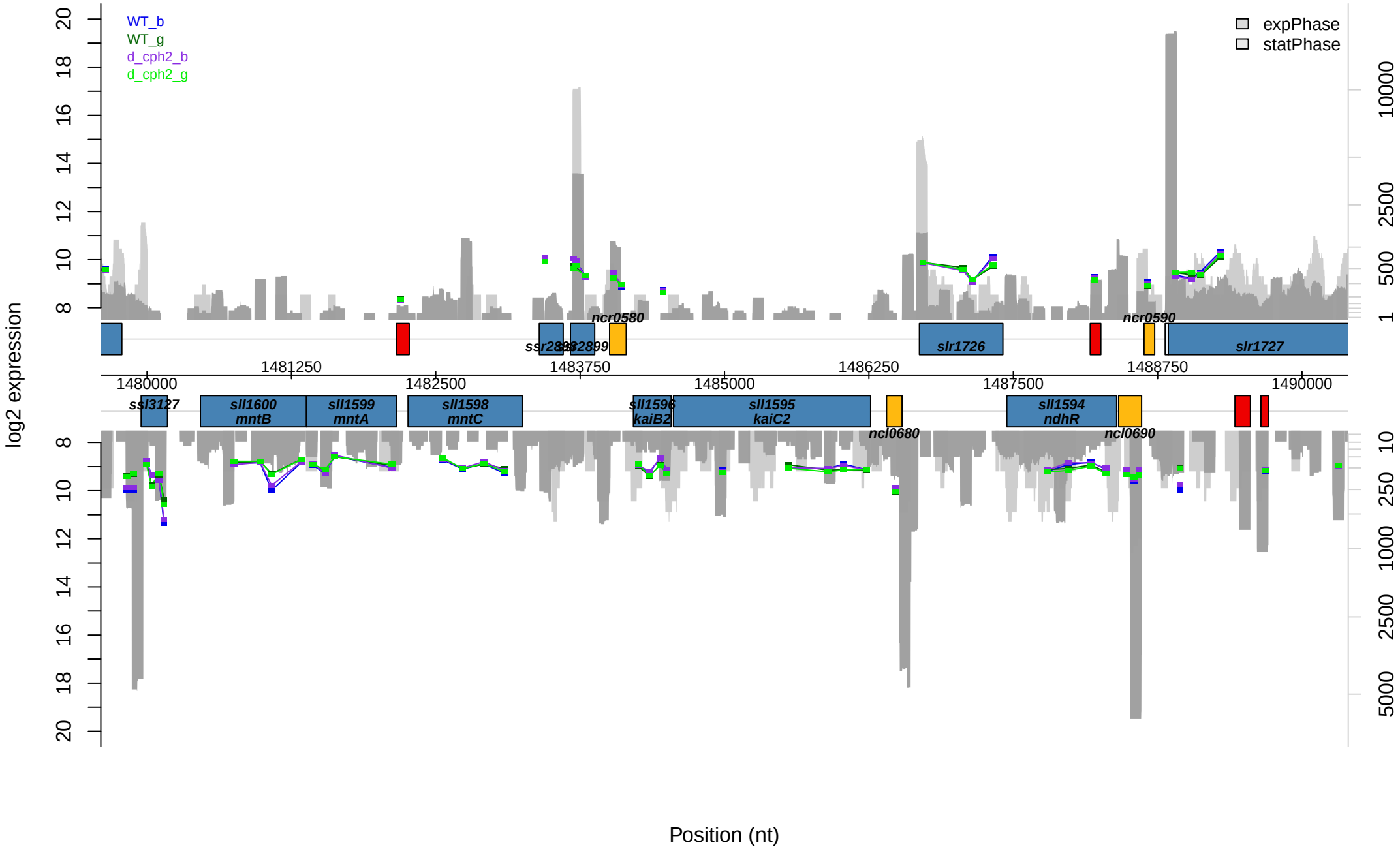

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0570
apcA slr2067
apcB slr1986
ncr0575
apcC/R2 ssr3383
slr1990
cya1 slr1991
gpx2 slr1992
phaA slr1993
phaB slr1994
1430000
1431250
1432500
1433750
1435000
1436250
1437500
1438750
1440000
ncl0640
sll1909 prmA
sll1908 serA

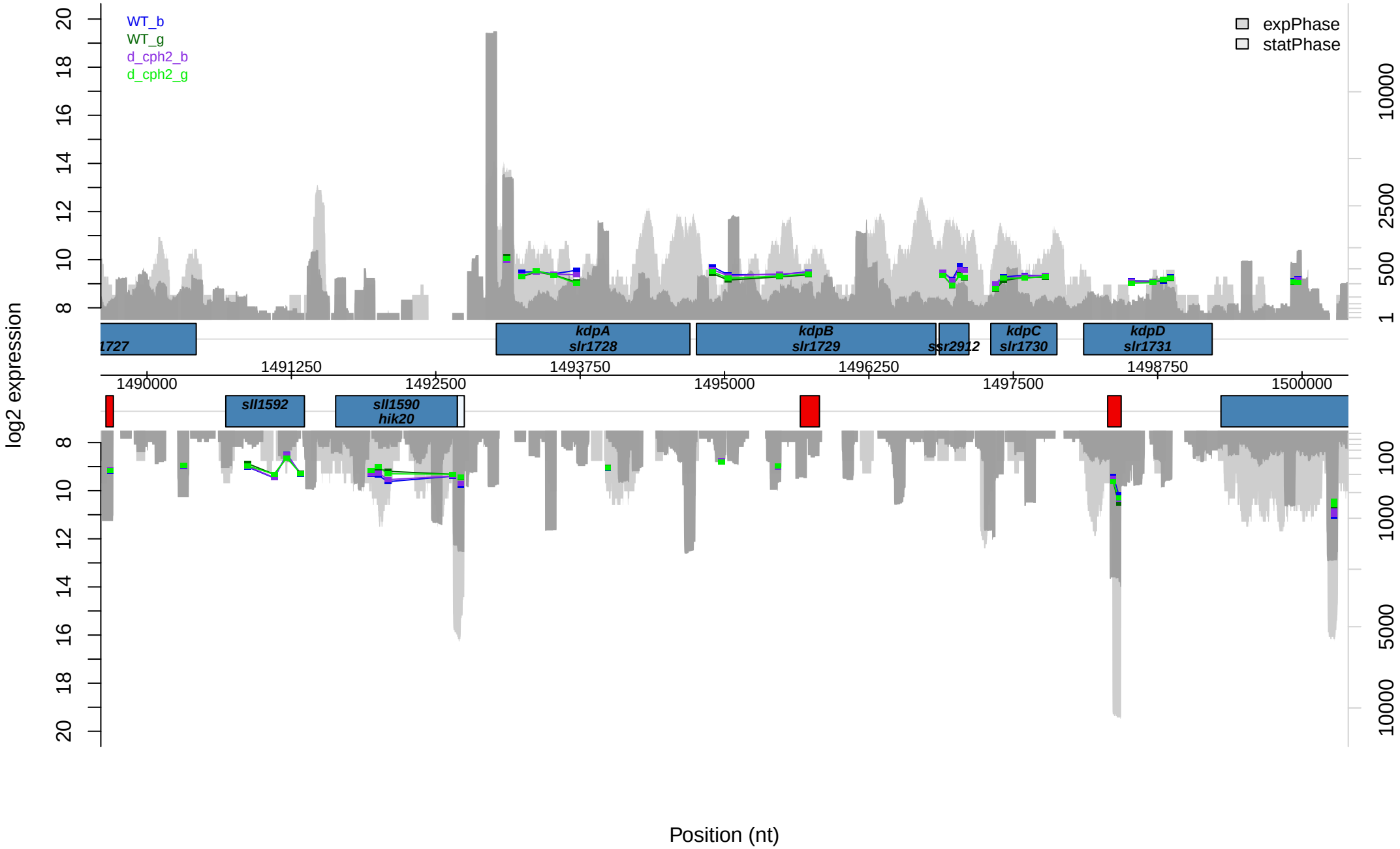

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
500
2500
10000
100
1000
5000
10000
slr1998
slr1999
slr2000
cphB
slr2001
cphA
slr2002
sll1906
sll1905
hik19
1440000
1441250
1442500
1443750
1445000
1446250
1447500
1448750
1450000
Position (nt)

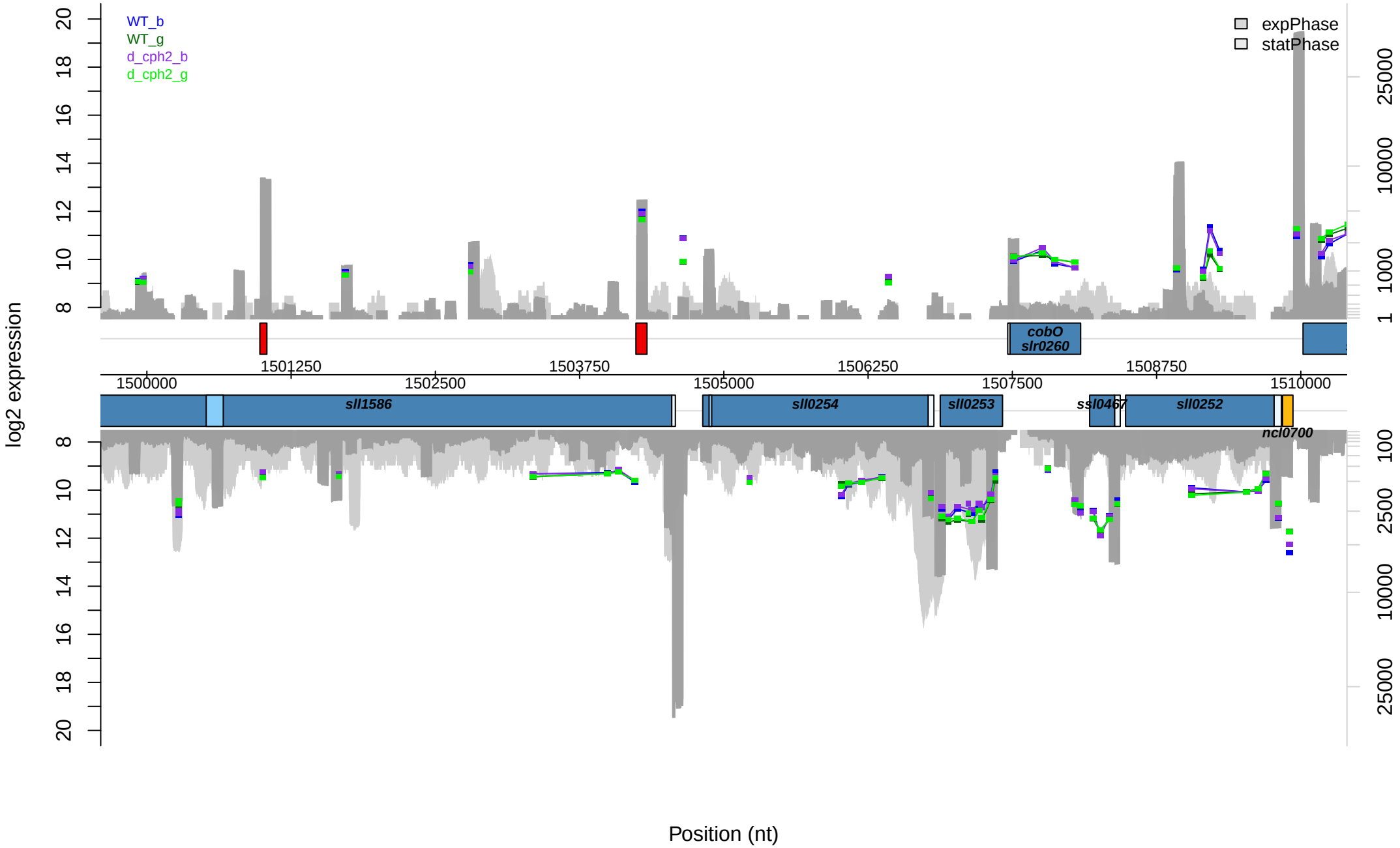

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
500
2500
10000
slr2003
ssr3402
slr2004
slr1712
1450000
1451250
1452500
1453750
1455000
1456250
1457500
1458750
1460000
sll1902
sll1615
thdF
sll1614
pma1
sll16
1
100
500
1000
Position (nt)

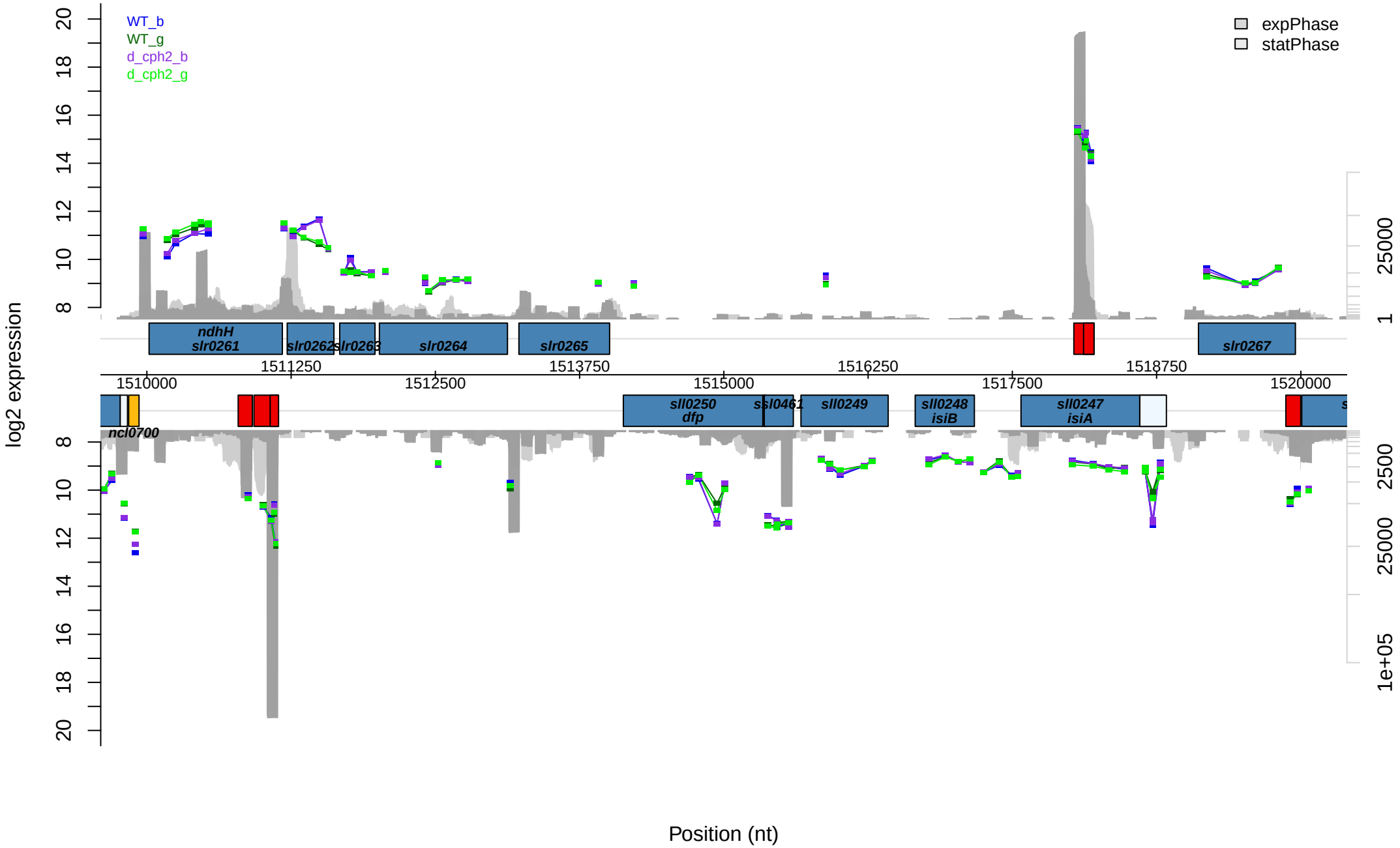

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1715
slr1716
slr1717
sll1613
ncl0650
sll1612
folC
sll1611
sll1609
sll1608
ncl0660
ssl3142
sll1606
sll1605
fabZ
1460000
1461250
1462500
1463750
1465000
1466250
1467500
1468750
1470000

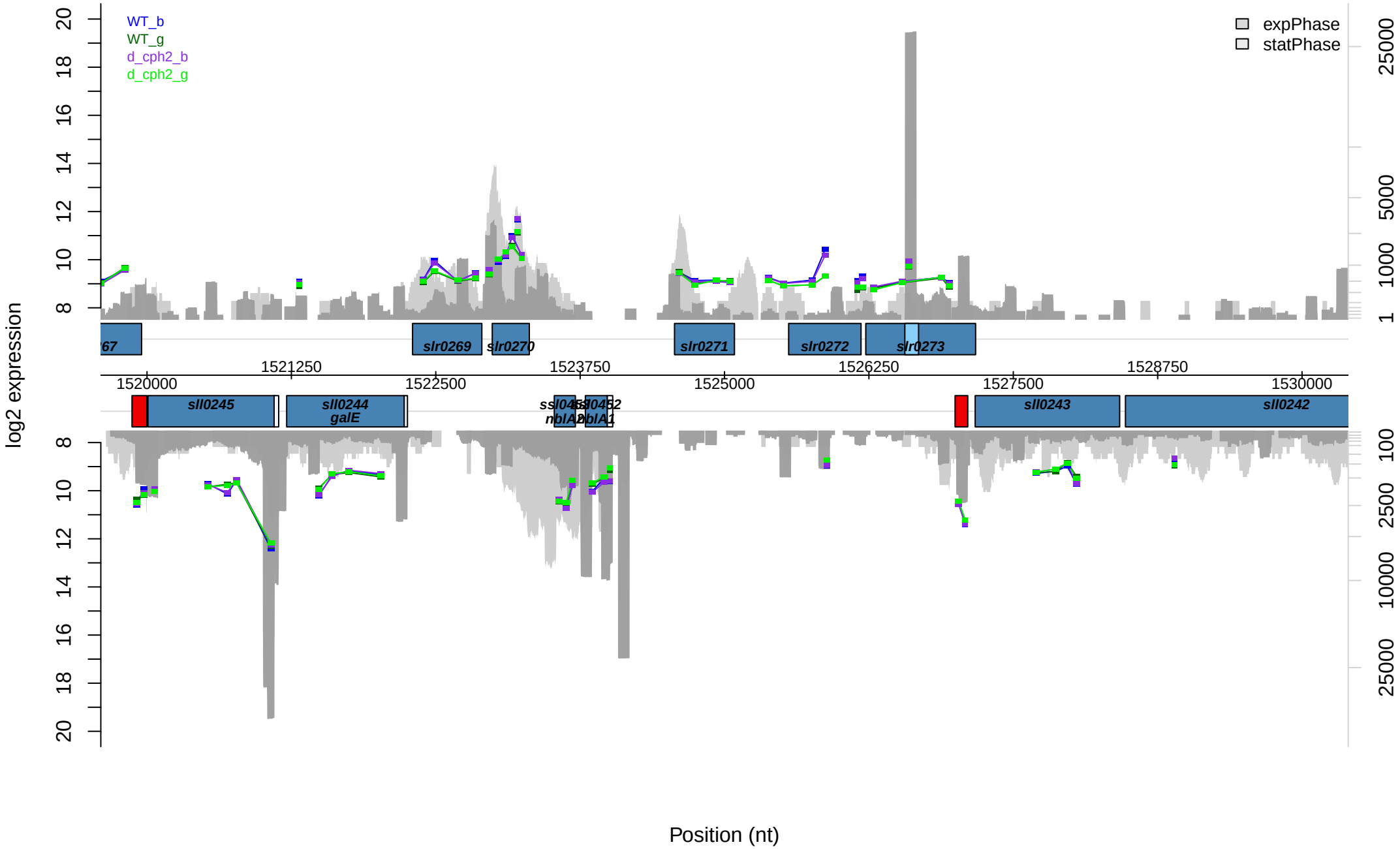

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1718
drgA
slr1719
aspS
slr1720
slr1721
guaB
slr1722
lacG
slr1723
slr1724
sll1605
fabZ
sll1601
ssl3127
1470000
1471250
1472500
1473750
1475000
1476250
1477500
1478750
1480000

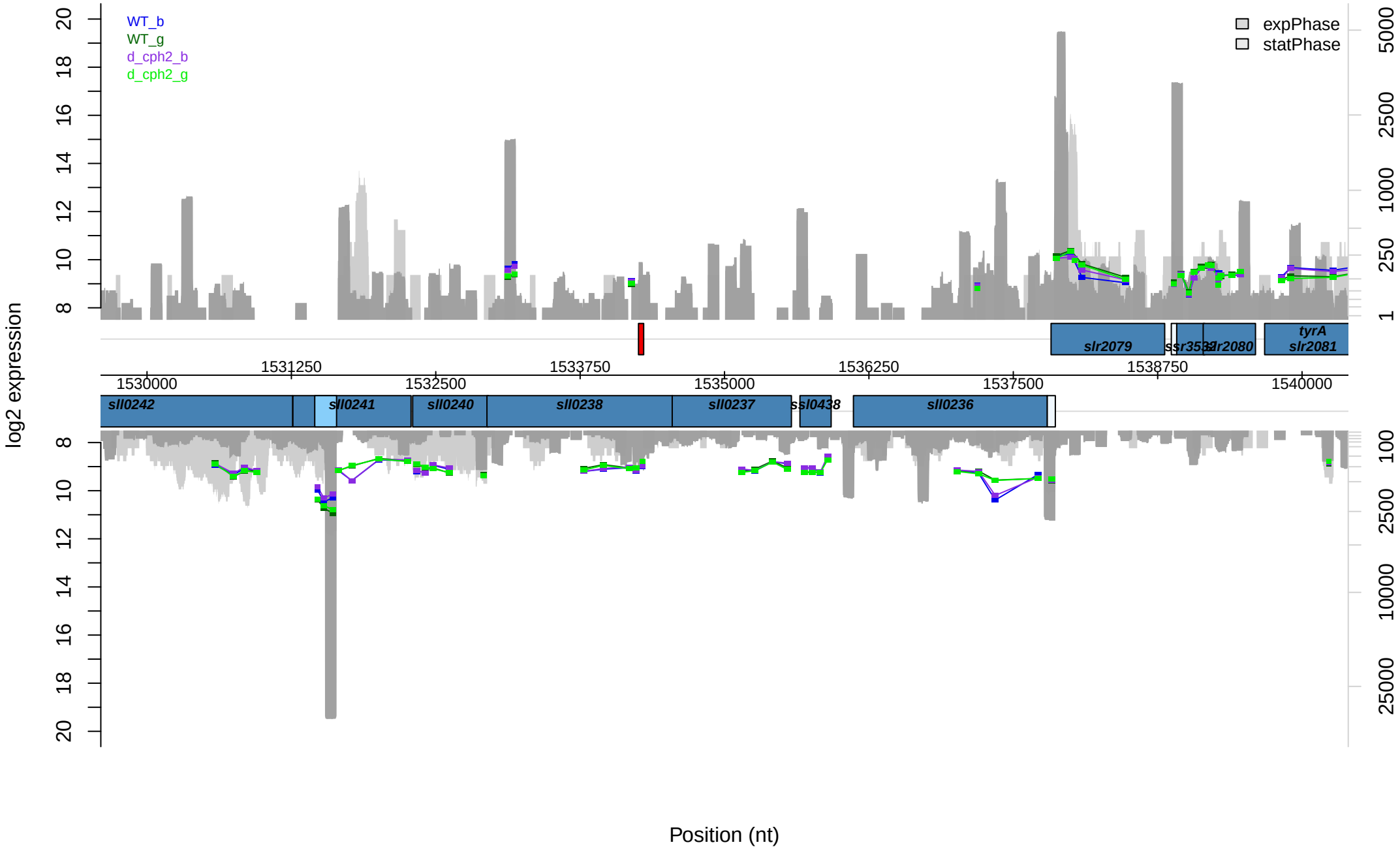

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0580
ssr2898
ssr2899
slr1726
ncr0590
slr1727
1480000
1481250
1482500
1483750
1485000
1486250
1487500
1488750
1490000
ssl3127
sll1600
mntB
sll1599
mntA
sll1598
mntC
sll1596
kaiB2
sll1595
kaiC2
ncl0680
sll1594
ndhR
ncl0690

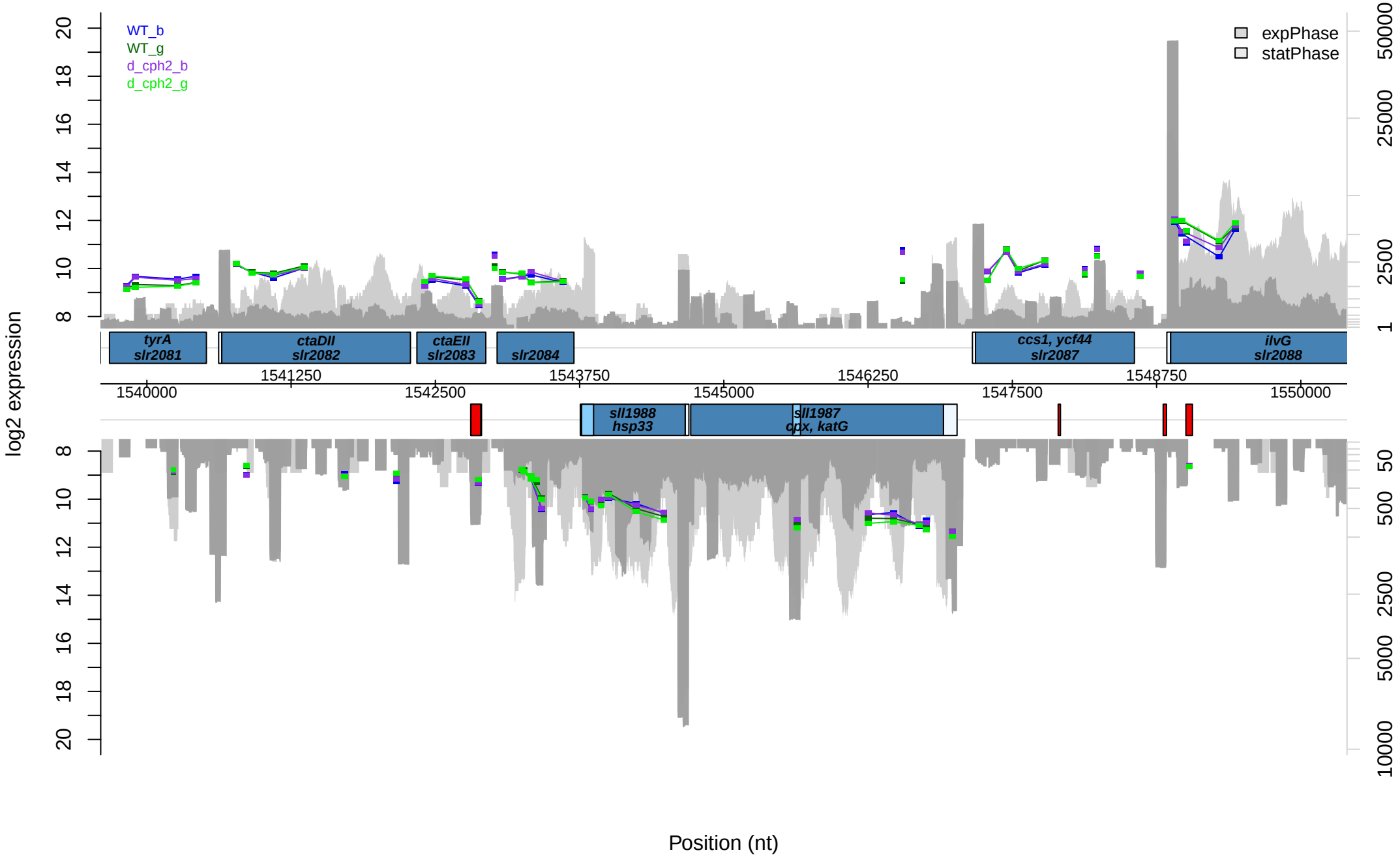

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
kdpA
slr1728
kdpB
slr1729
ssr2912
kdpC
slr1730
kdpD
slr1731
sll1592
sll1590
hik20
1490000
1491250
1492500
1493750
1495000
1496250
1497500
1498750
1500000

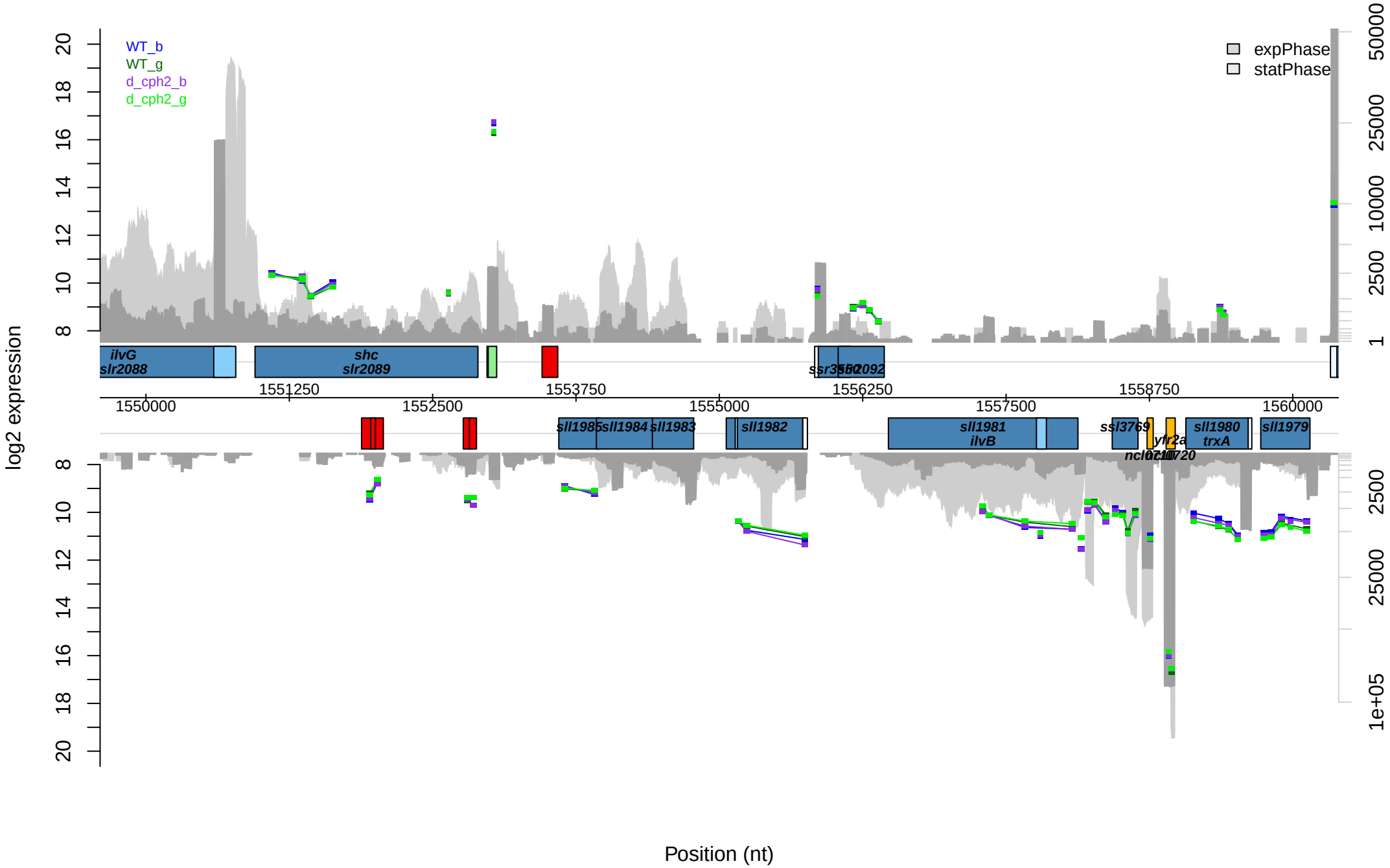

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cobO
slr0260
sll1586
sll0254
sll0253
ssl0467
sll0252
ncl0700
1500000
1501250
1502500
1503750
1505000
1506250
1507500
1508750
1510000

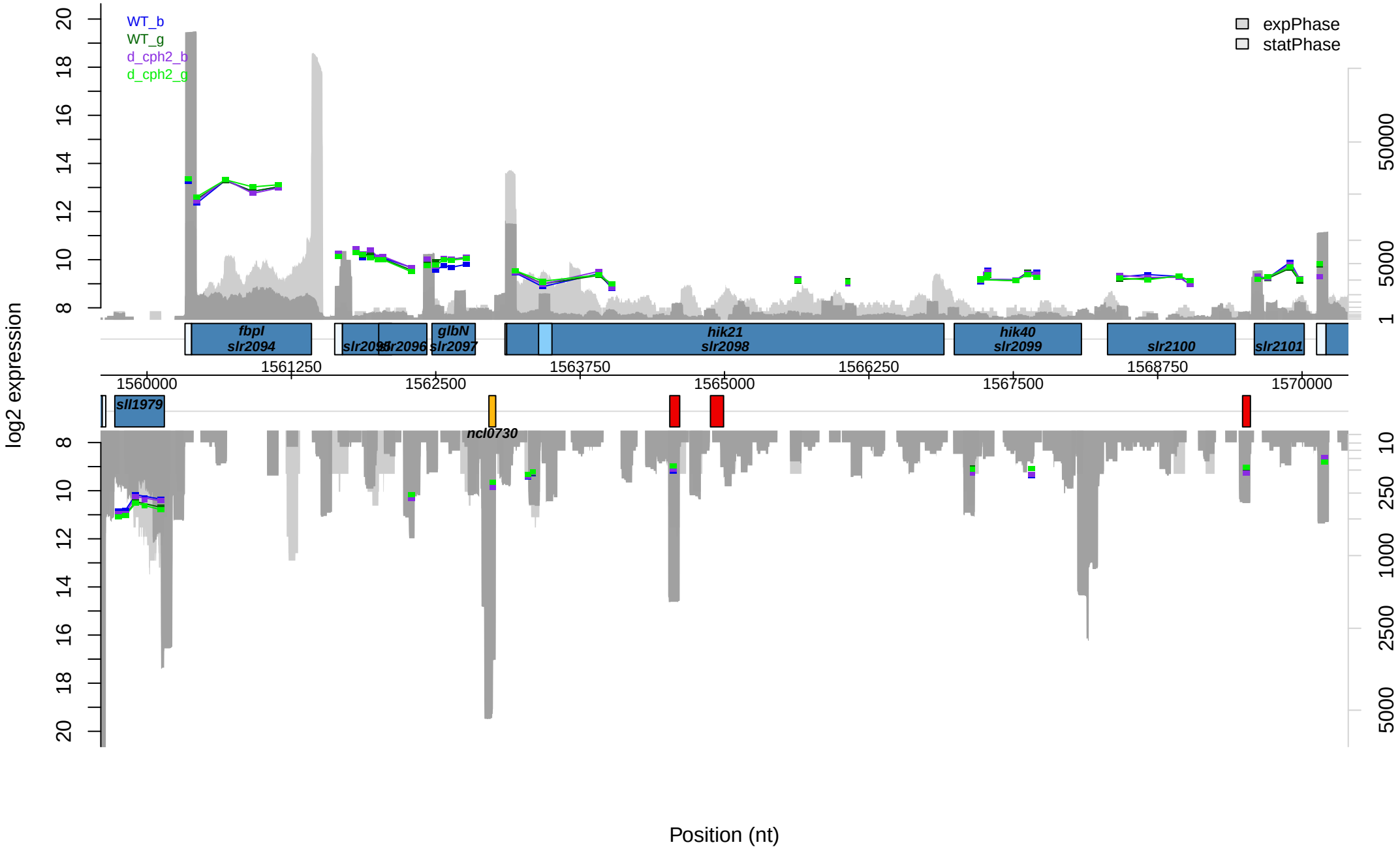

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ndhH
slr0261
slr0262
slr0263
slr0264
slr0265
slr0267
ncl0700
sll0250
dfp
ssl0461
sll0249
sll0248
isiB
sll0247
isiA
1510000
1511250
1512500
1513750
1515000
1516250
1517500
1518750
1520000
25000
1
2500
25000
1e+05

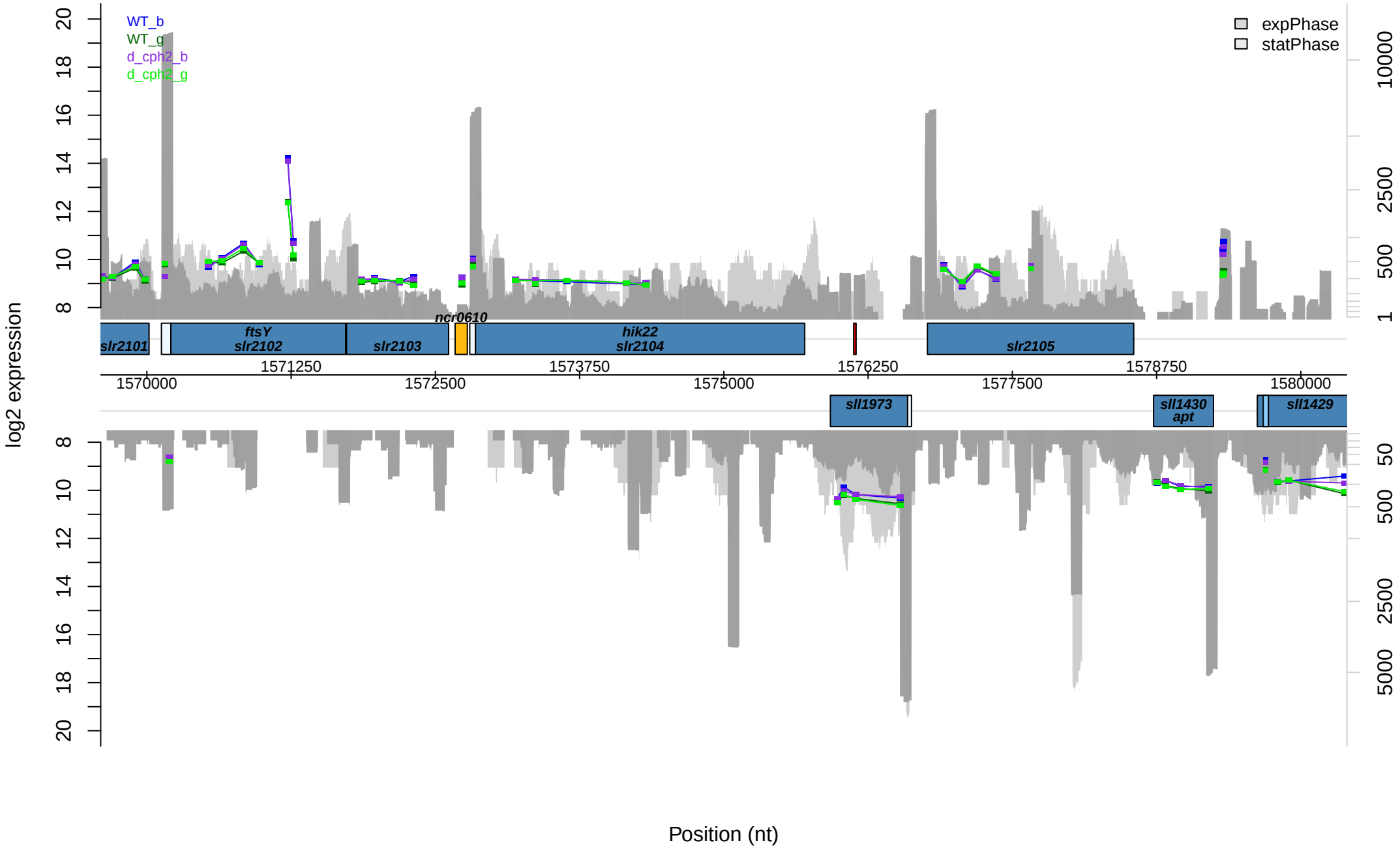

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0269
slr0270
slr0271
slr0272
slr0273
sll0245
sll0244
galE
sll0243
sll0242
nblA2
nblA1
1520000
1521250
1522500
1523750
1525000
1526250
1527500
1528750
1530000

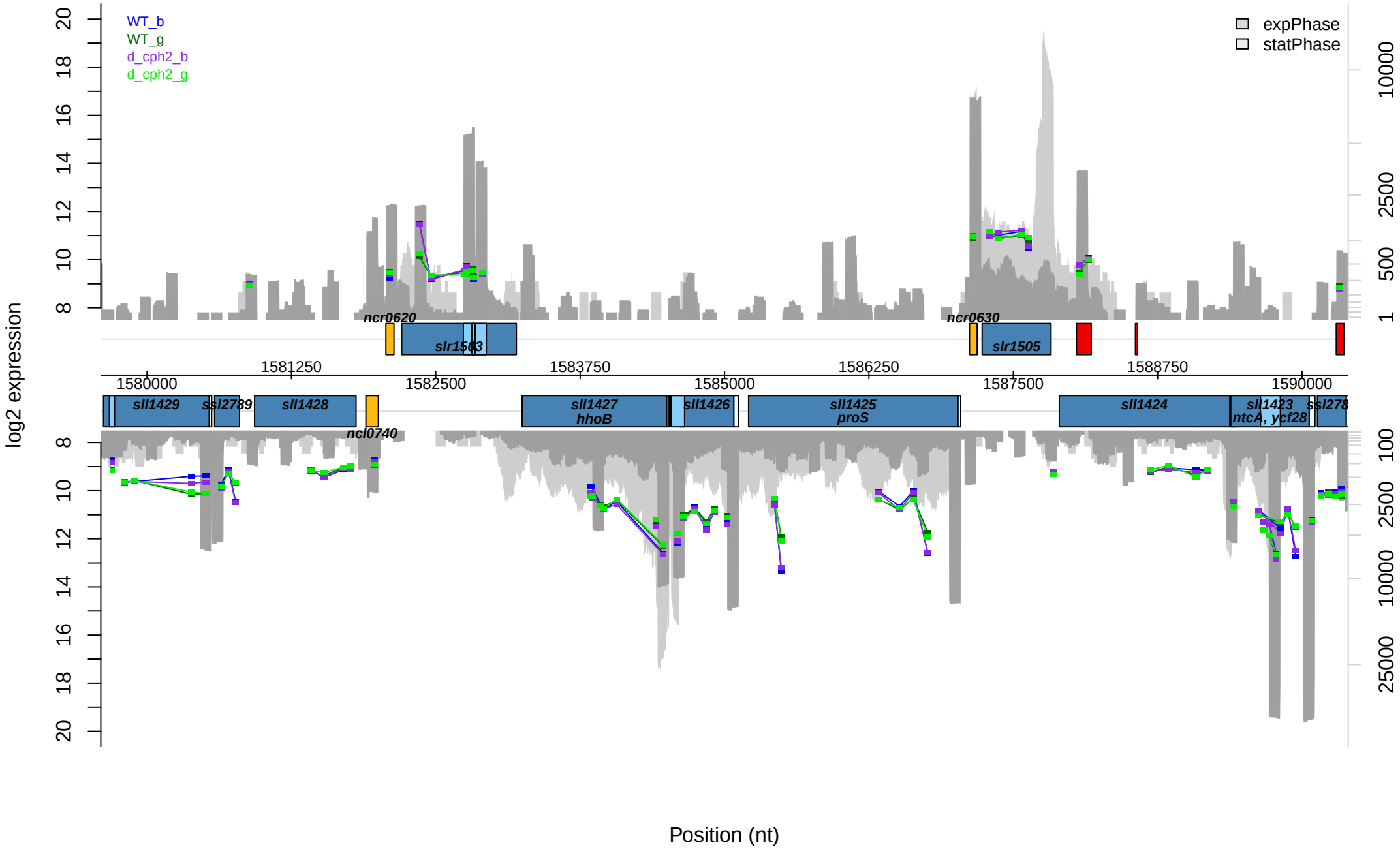

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2079
ssr3533
slr2080
tyrA
slr2081
sll0242
sll0241
sll0240
sll0238
sll0237
ssl0438
sll0236
1530000
1531250
1532500
1533750
1535000
1536250
1537500
1538750
1540000

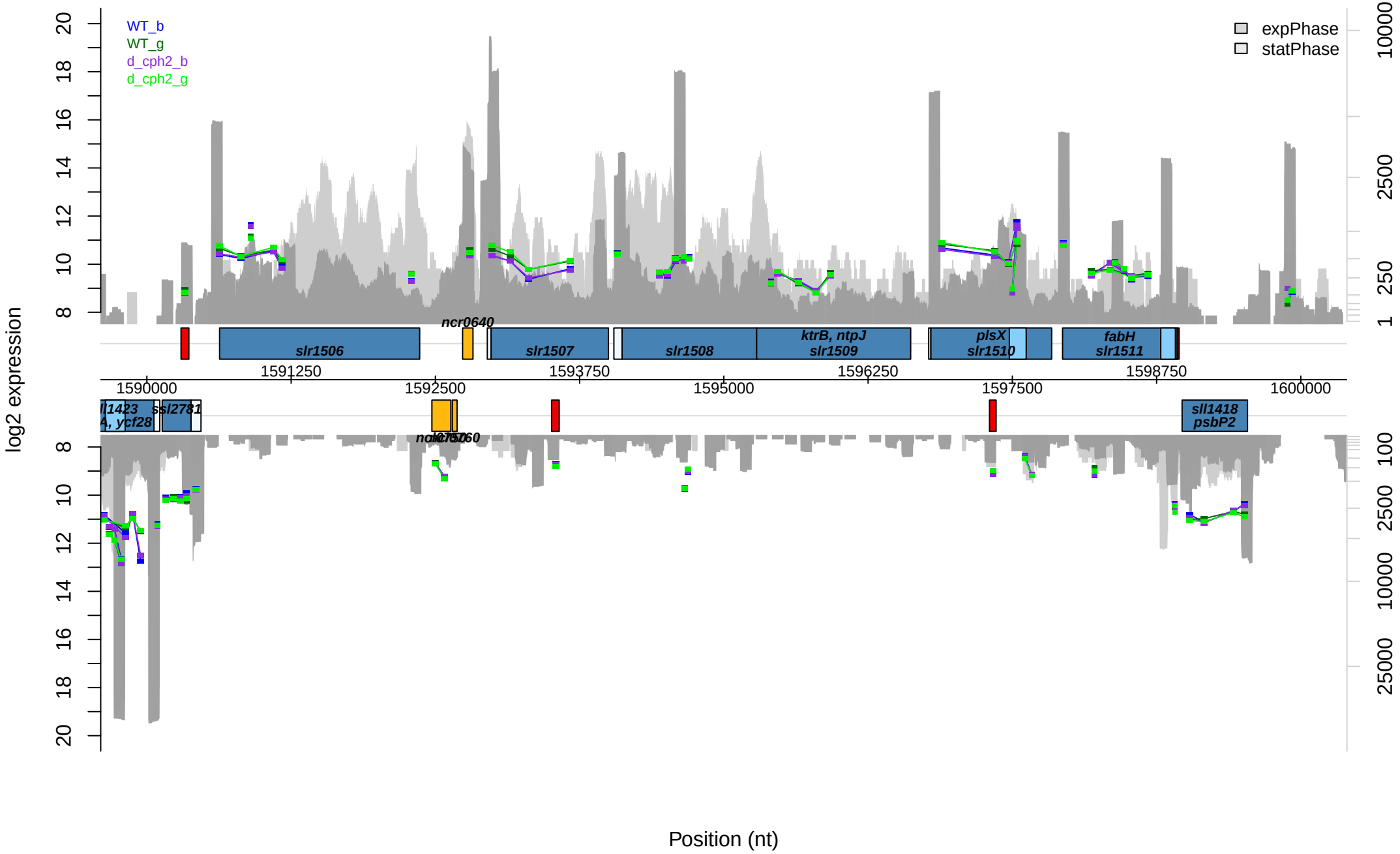

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
tyrA
slr2081
ctaDII
slr2082
ctaEII
slr2083
slr2084
ccs1, ycf44
slr2087
ilvG
slr2088
sll1988
hsp33
sll1987
cpx, katG
1540000
1541250
1542500
1543750
1545000
1546250
1547500
1548750
1550000

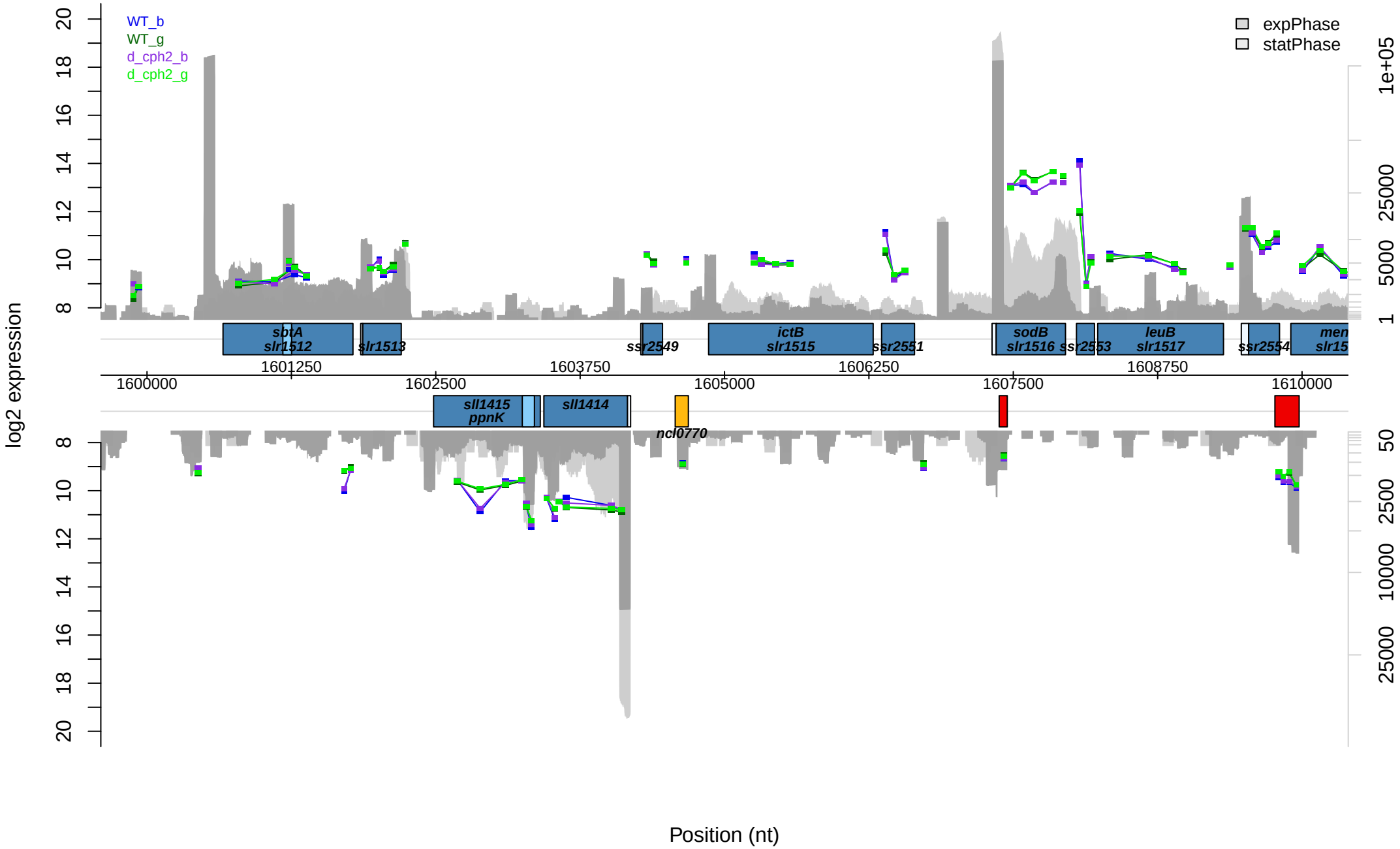

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ilvG
slr2088
shc
slr2089
1550000
1551250
1552500
1553750
1555000
1556250
1557500
1558750
1560000
sll1985
sll1984
sll1983
sll1982
sll1981
ilvB
ssl3769
sll1980
trxA
sll1979

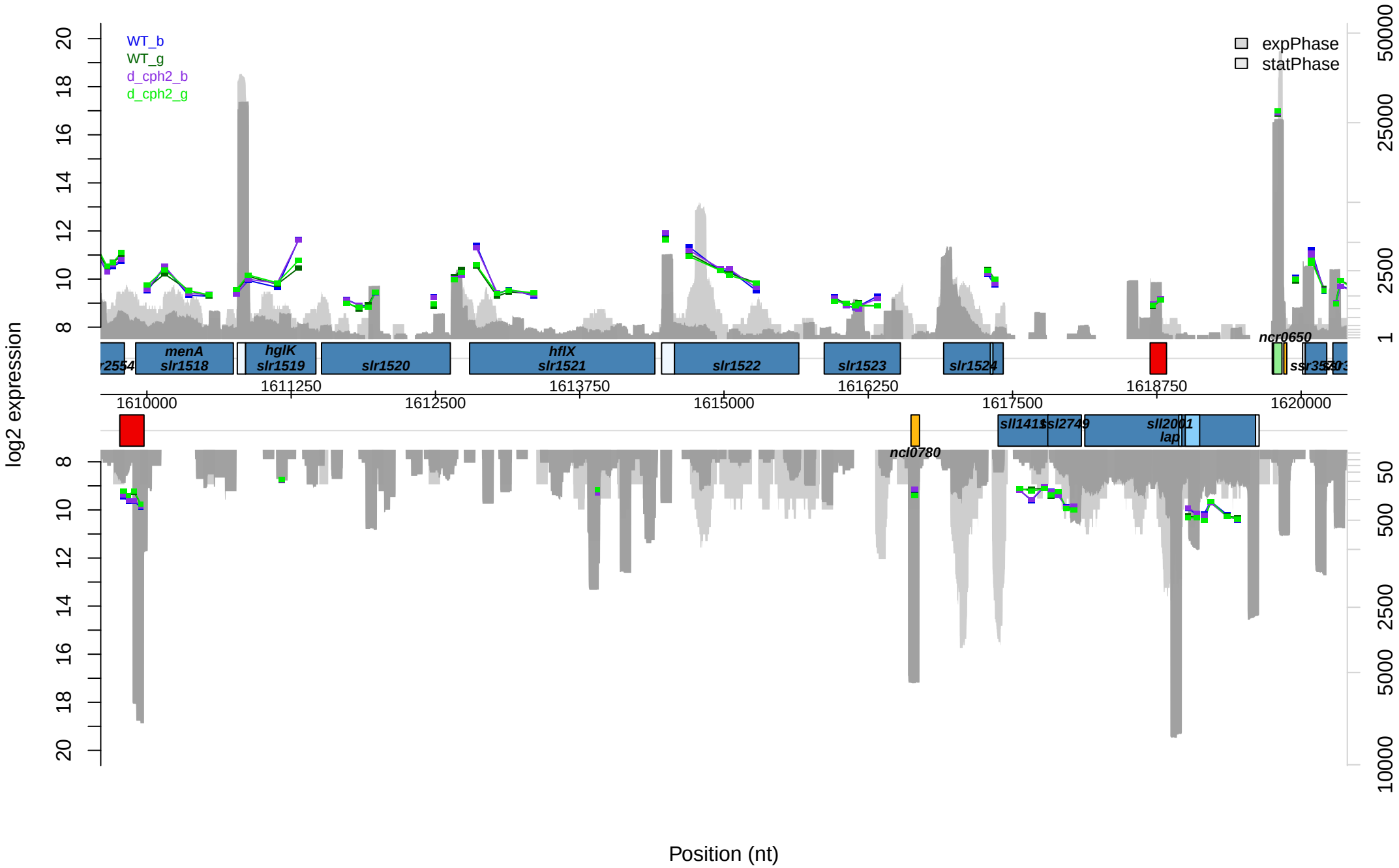

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
fbpI
slr2094
slr2095
slr2096
glbN
slr2097
hik21
slr2098
hik40
slr2099
slr2100
slr2101
sll1979
ncl0730
1560000
1561250
1562500
1563750
1565000
1566250
1567500
1568750
1570000
Position (nt)

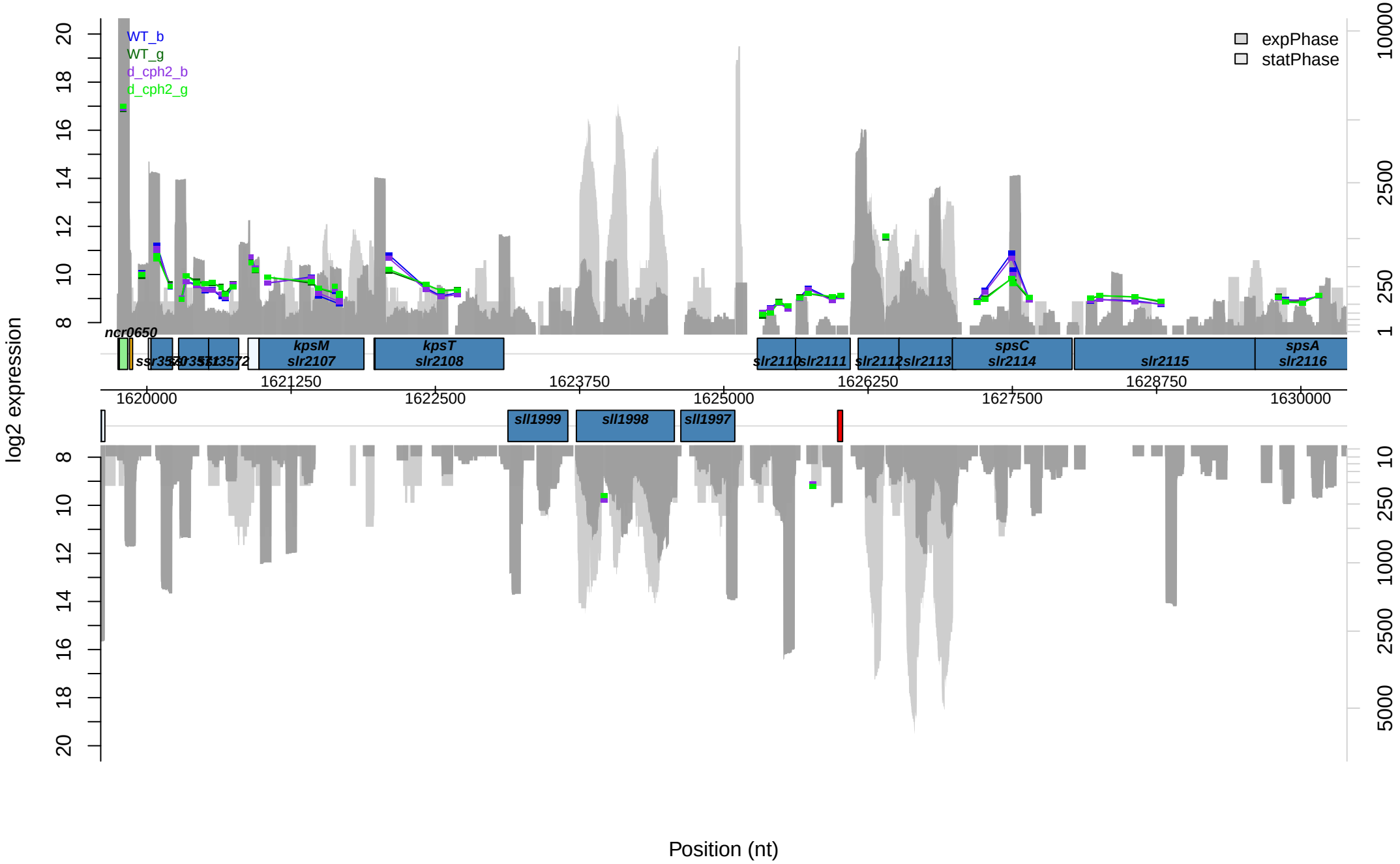

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2101
ftsY
slr2102
slr2103
ncr0610
hik22
slr2104
slr2105
sll1973
sll1430
apt
sll1429
1570000
1571250
1572500
1573750
1575000
1576250
1577500
1578750
1580000

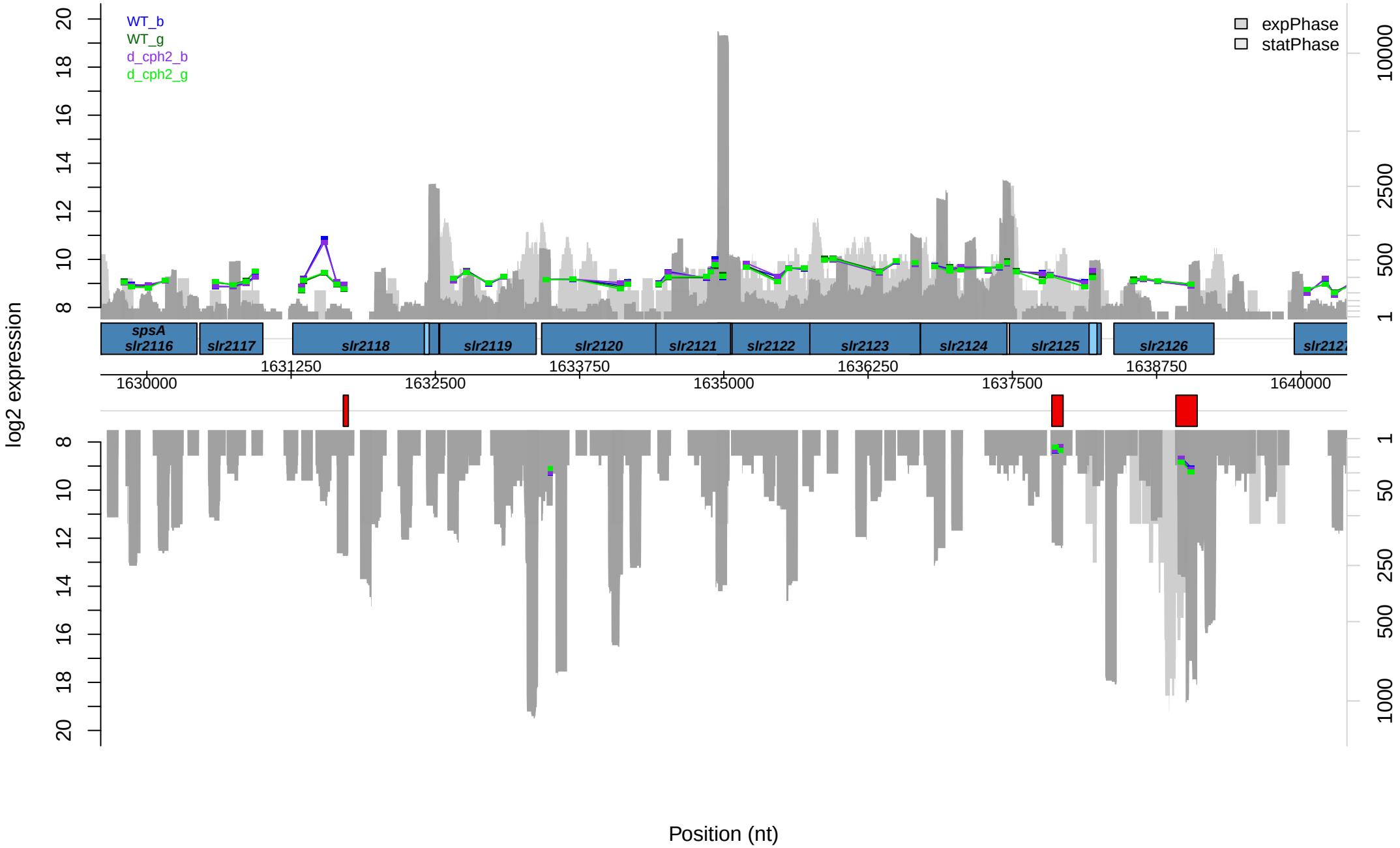

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0620
slr1503
ncr0630
slr1505
1580000
1581250
1582500
1583750
1585000
1586250
1587500
1588750
1590000
sll1429
ssl2789
sll1428
ncl0740
sll1427
hhoB
sll1426
sll1425
proS
sll1424
sll1423
ntcA, ycf28
ssl278

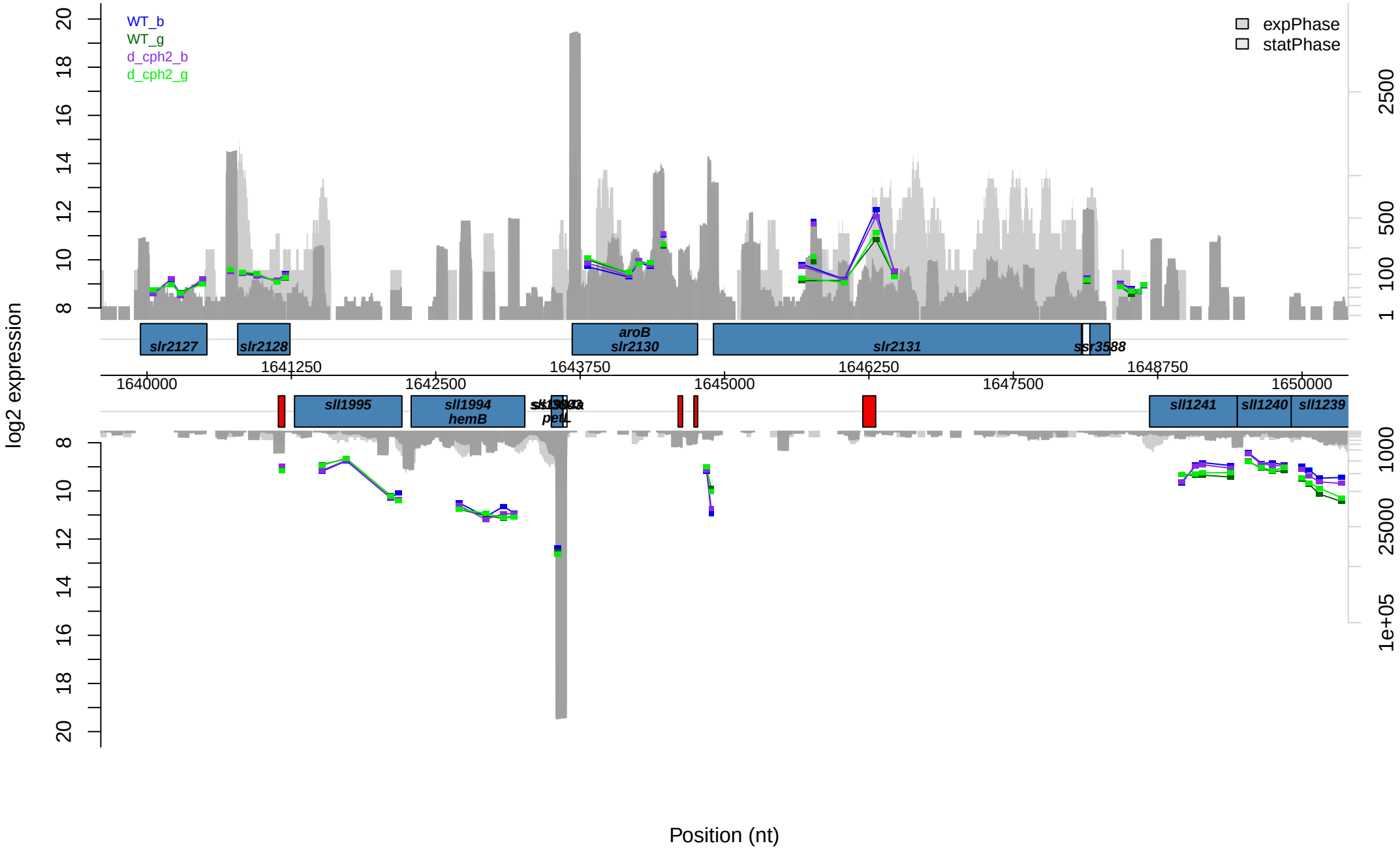

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0640
slr1506
slr1507
slr1508
ktrB, ntpJ
slr1509
plsX
slr1510
fabH
slr1511
sll1418
psbP2
1590000
1591250
1592500
1593750
1595000
1596250
1597500
1598750
1600000

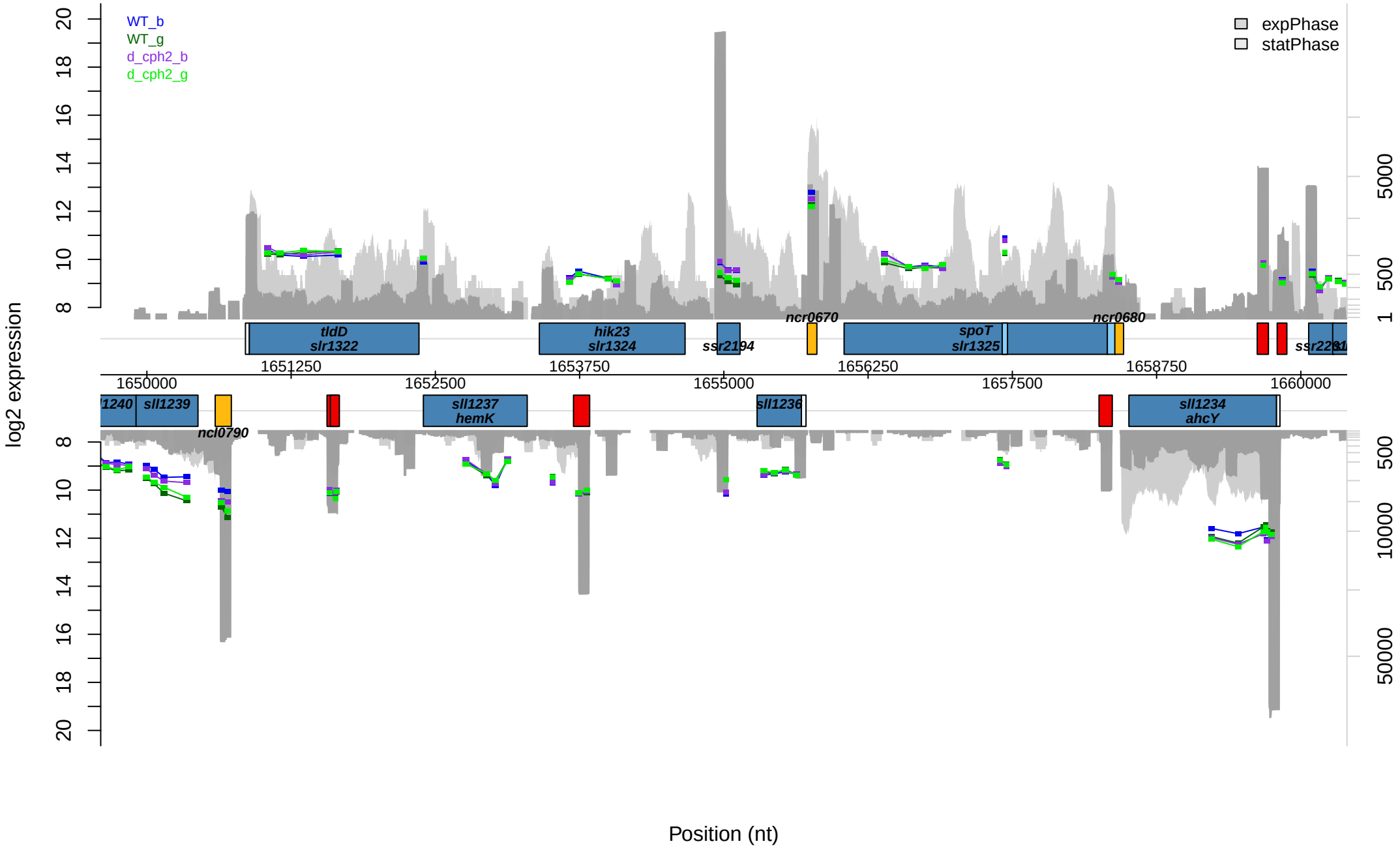

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sbtA
slr1512
slr1513
ssr2549
ictB
slr1515
ssr2551
sodB
slr1516
ssr2553
leuB
slr1517
ssr2554
men
slr15
sll1415
ppnK
sll1414
ncl0770
1600000
1601250
1602500
1603750
1605000
1606250
1607500
1608750
1610000

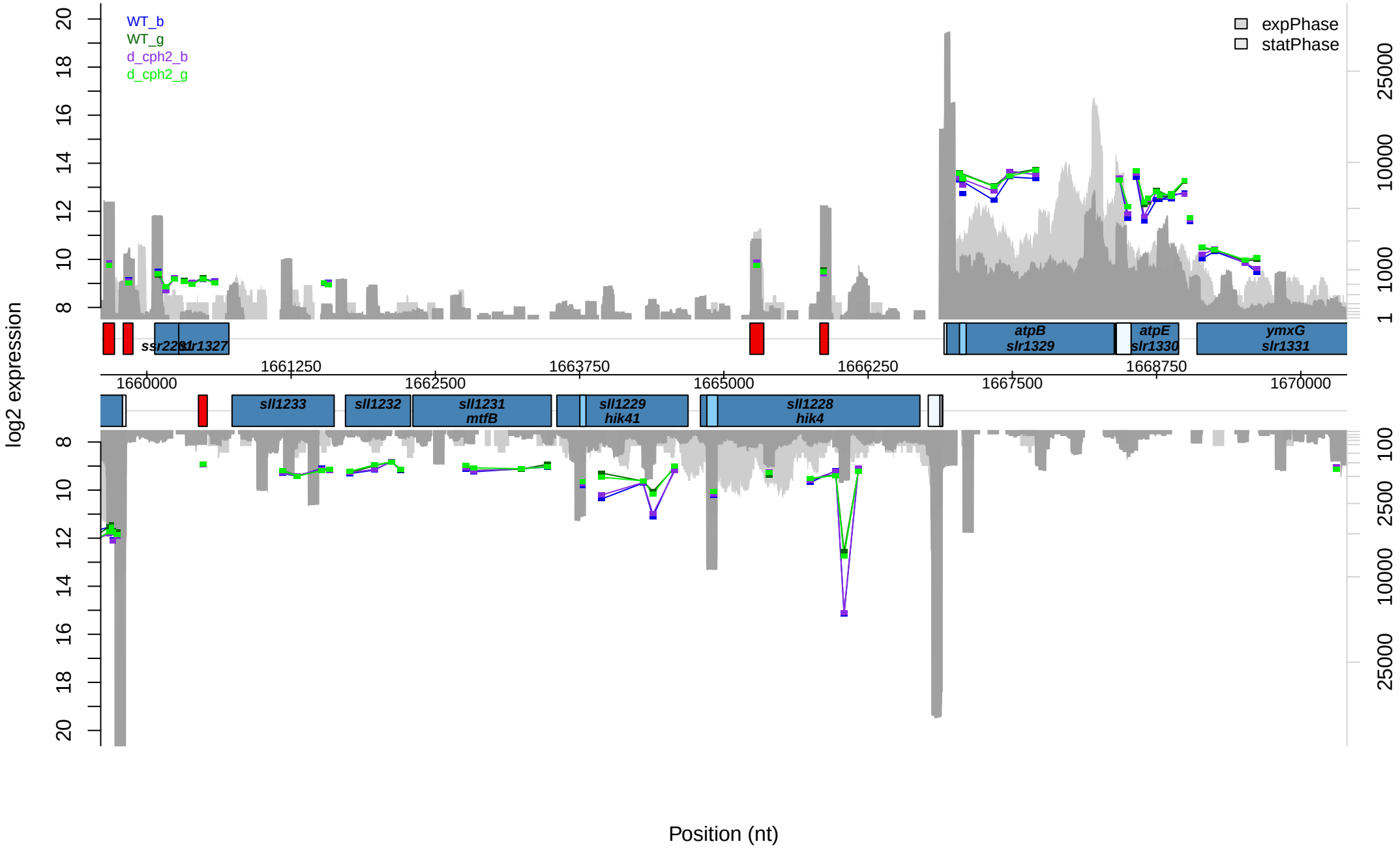

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
menA
slr1518
hglK
slr1519
slr1520
hflX
slr1521
slr1522
slr1523
slr1524
ncr0650
1610000
1611250
1612500
1613750
1615000
1616250
1617500
1618750
1620000
ncl0780
sll1411
ssl2749
sll2001
lap

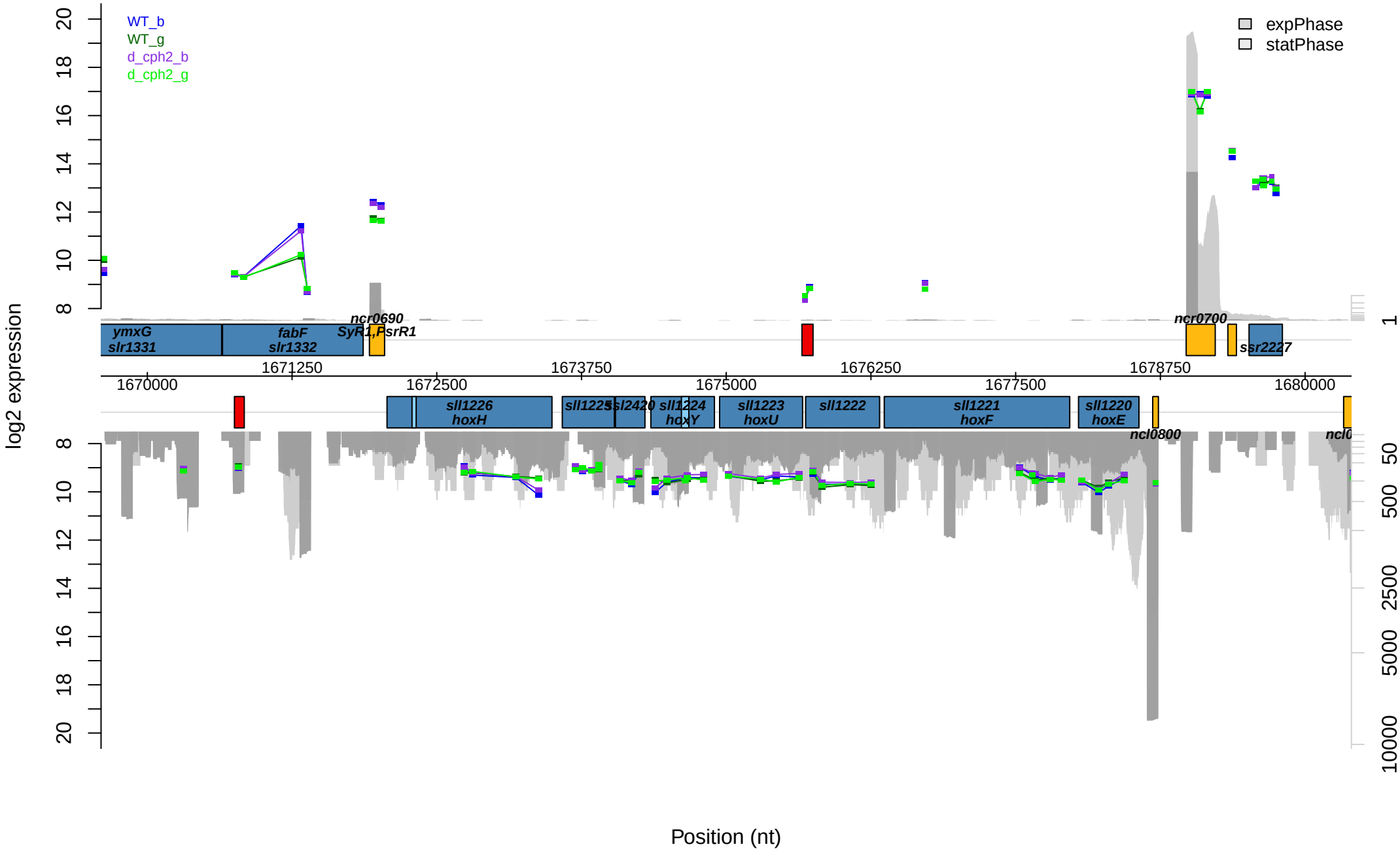

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0650
kpsM
slr2107
kpsT
slr2108
slr2110
slr2111
slr2112
slr2113
spsC
slr2114
slr2115
spsA
slr2116
sll1999
sll1998
sll1997
1620000
1621250
1622500
1623750
1625000
1626250
1627500
1628750
1630000

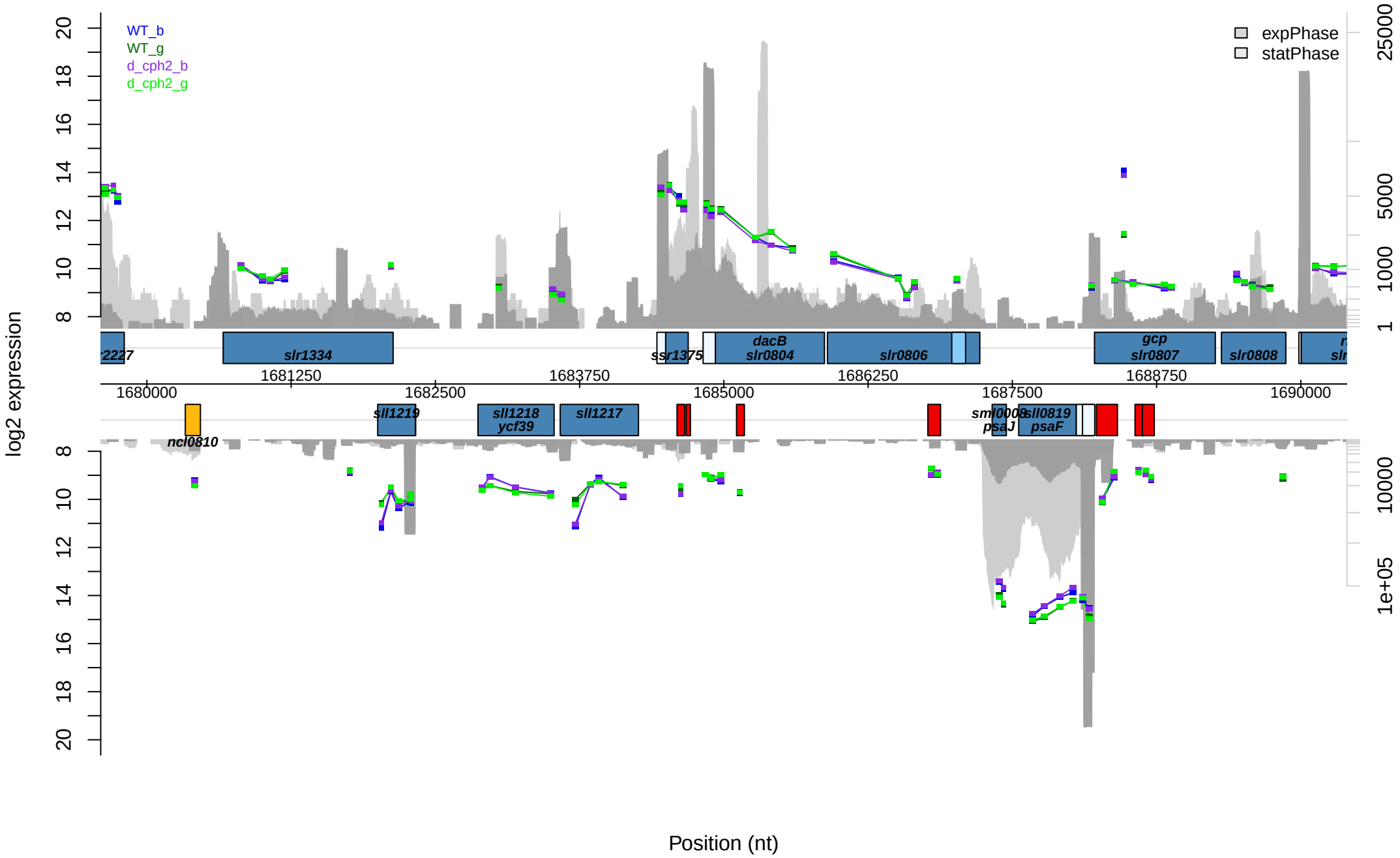

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
spsA
slr2116
slr2117
slr2118
slr2119
slr2120
slr2121
slr2122
slr2123
slr2124
slr2125
slr2126
1630000
1631250
1632500
1633750
1635000
1636250
1637500
1638750
1640000

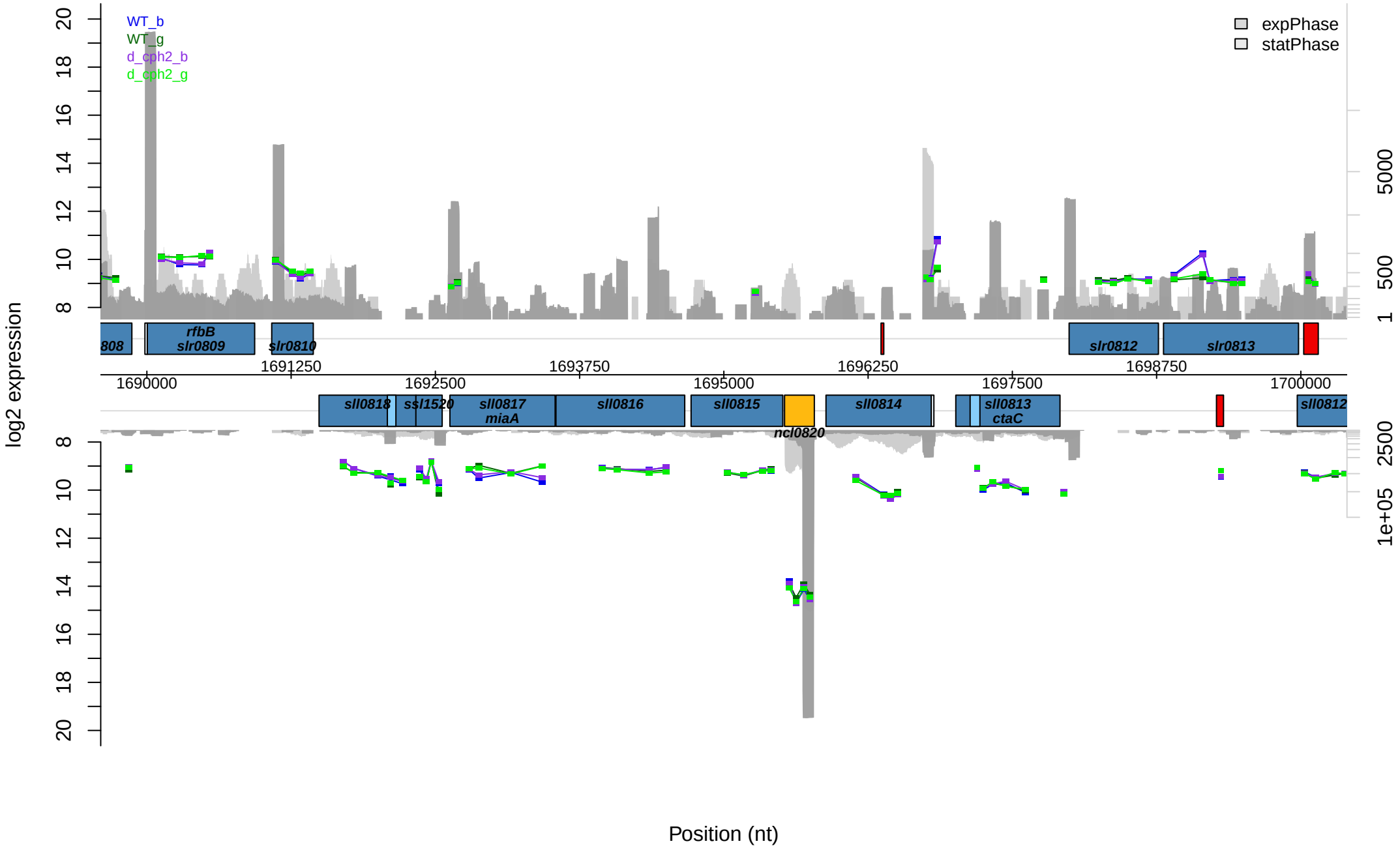

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr2127
slr2128
aroB
slr2130
slr2131
ssr3588
sll1995
sll1994
hemB
petL
sll1241
sll1240
sll1239
1640000
1641250
1642500
1643750
1645000
1646250
1647500
1648750
1650000

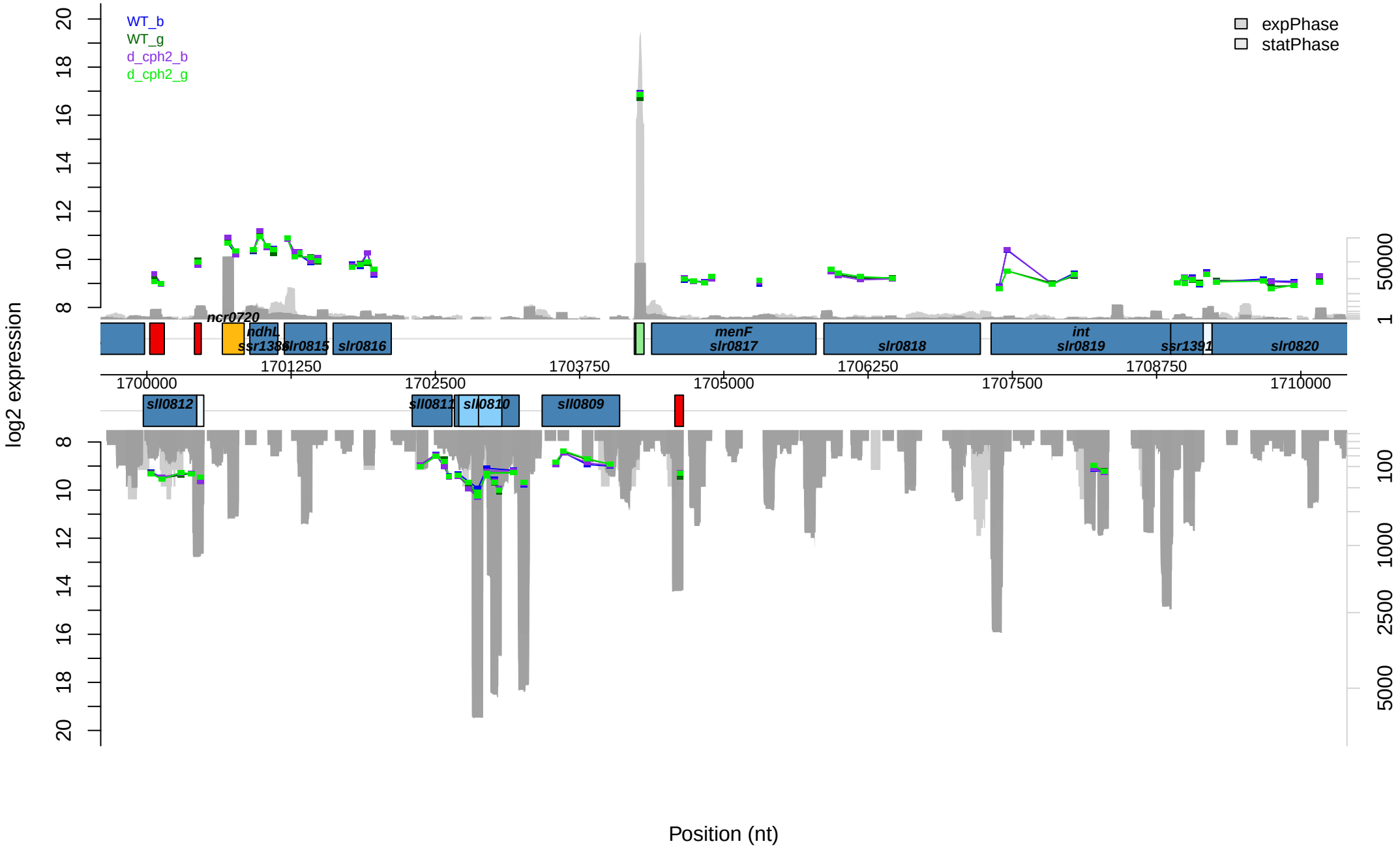

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
tldD
slr1322
hik23
slr1324
ssr2194
ncr0670
spoT
slr1325
ncr0680
ssr2291
sll1240
sll1239
ncl0790
sll1237
hemK
sll1236
sll1234
ahcY
1650000
1651250
1652500
1653750
1655000
1656250
1657500
1658750
1660000

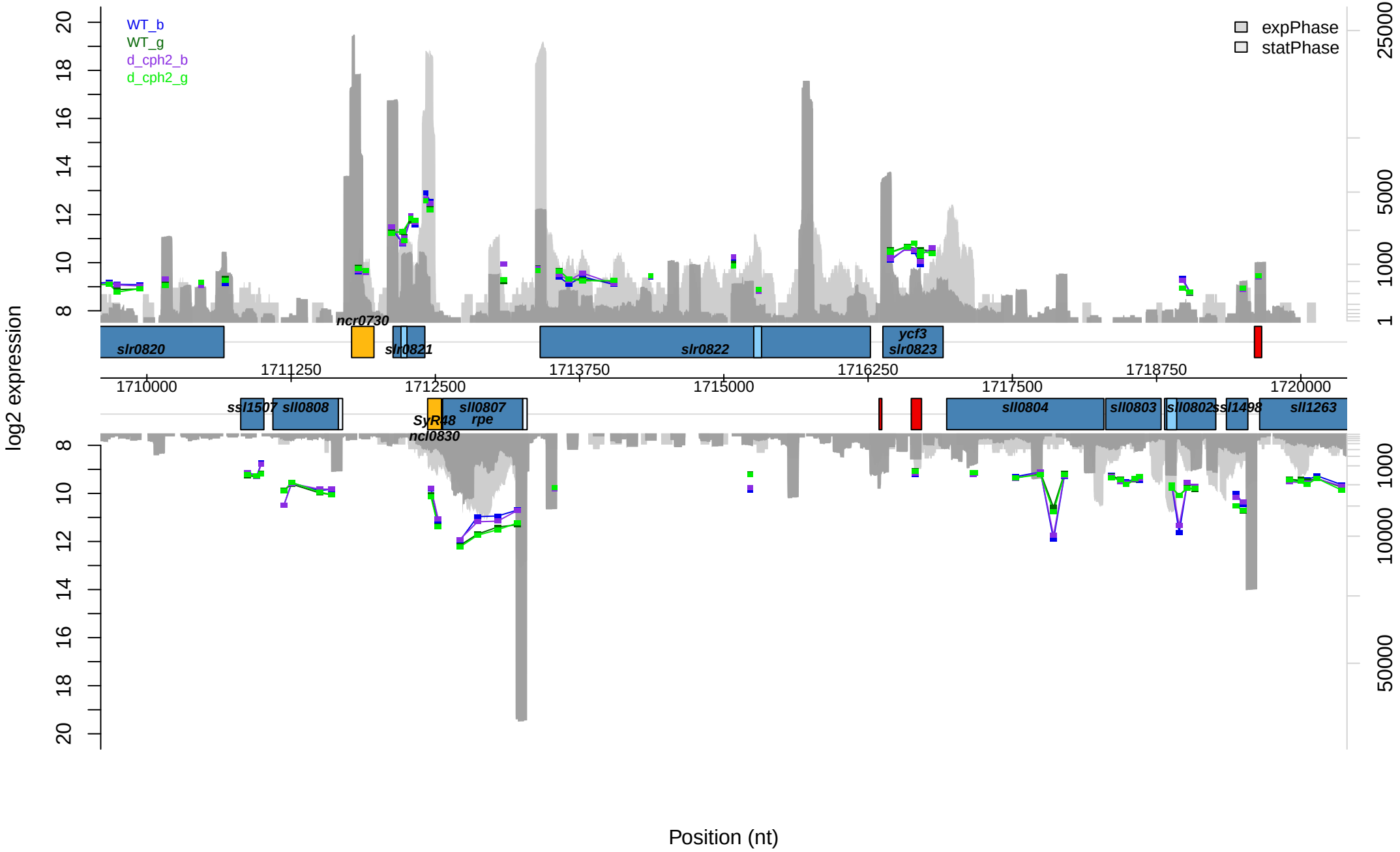

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr2231
slr1327
atpB
slr1329
atpE
slr1330
ymxG
slr1331
sll1233
sll1232
sll1231
mtfB
sll1229
hik41
sll1228
hik4
1660000
1661250
1662500
1663750
1665000
1666250
1667500
1668750
1670000

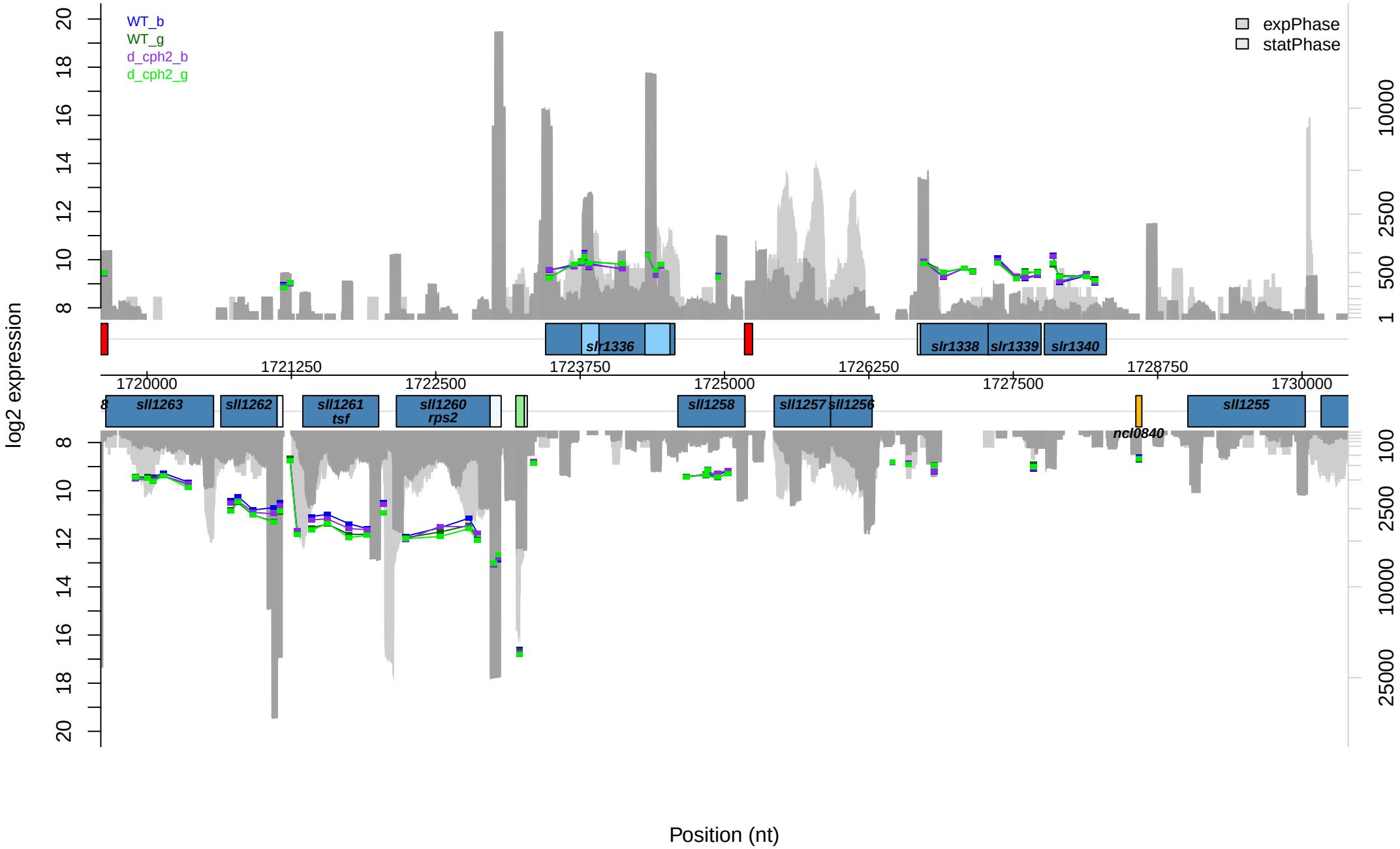

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ymxG
slr1331
fabF
slr1332
ncr0690
SyR1,PsrR1
ncr0700
ssr2227
sll1226
hoxH
sll1225
sll2420
sll1224
hoxY
sll1223
hoxU
sll1222
sll1221
hoxF
sll1220
hoxE
ncl0800
1670000
1671250
1672500
1673750
1675000
1676250
1677500
1678750
1680000

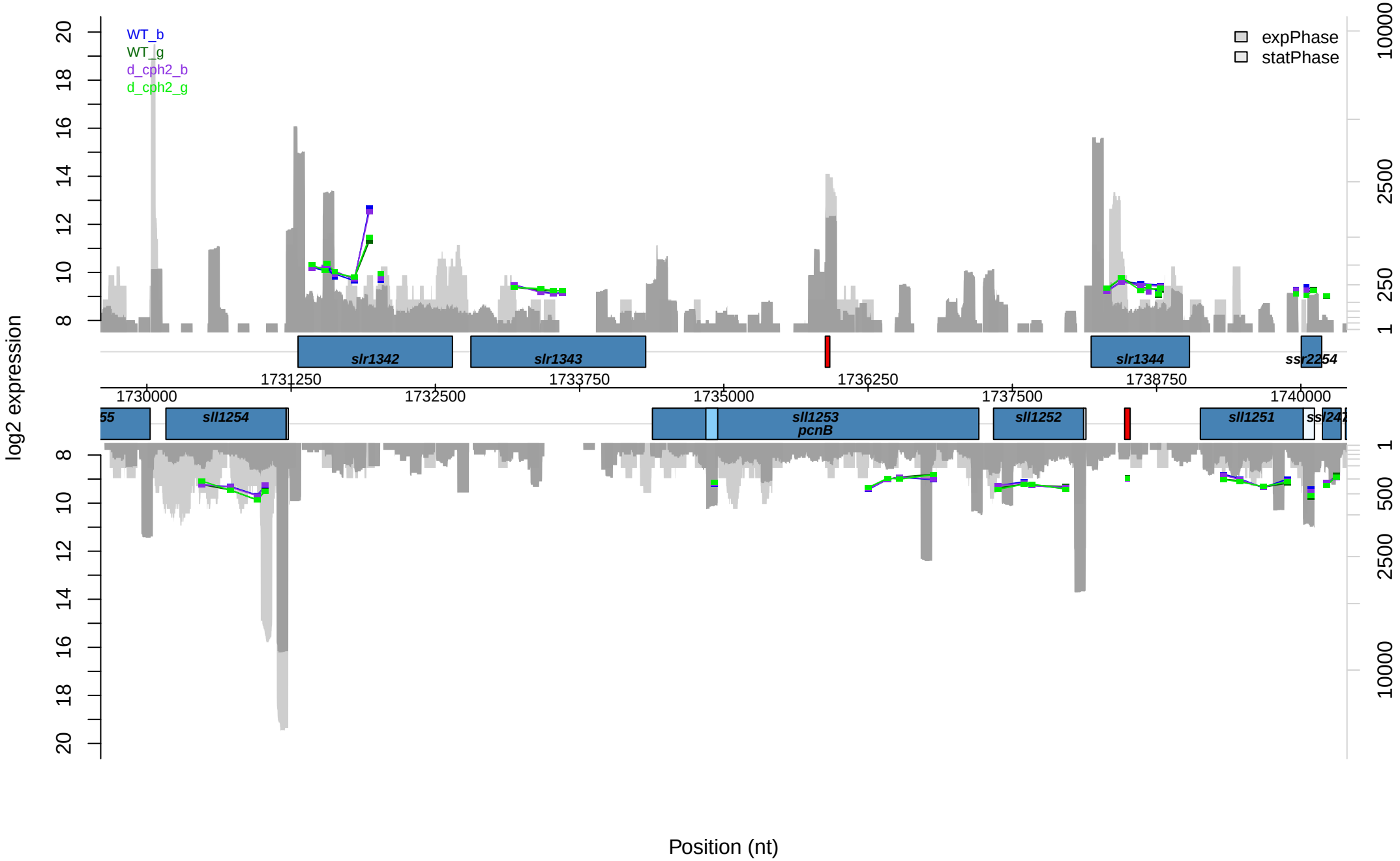

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1334
ssr1375
dacB
slr0804
slr0806
gcp
slr0807
slr0808
ncl0810
sll1219
sll1218
ycf39
sll1217
psaJ
psaF
1680000
1681250
1682500
1683750
1685000
1686250
1687500
1688750
1690000

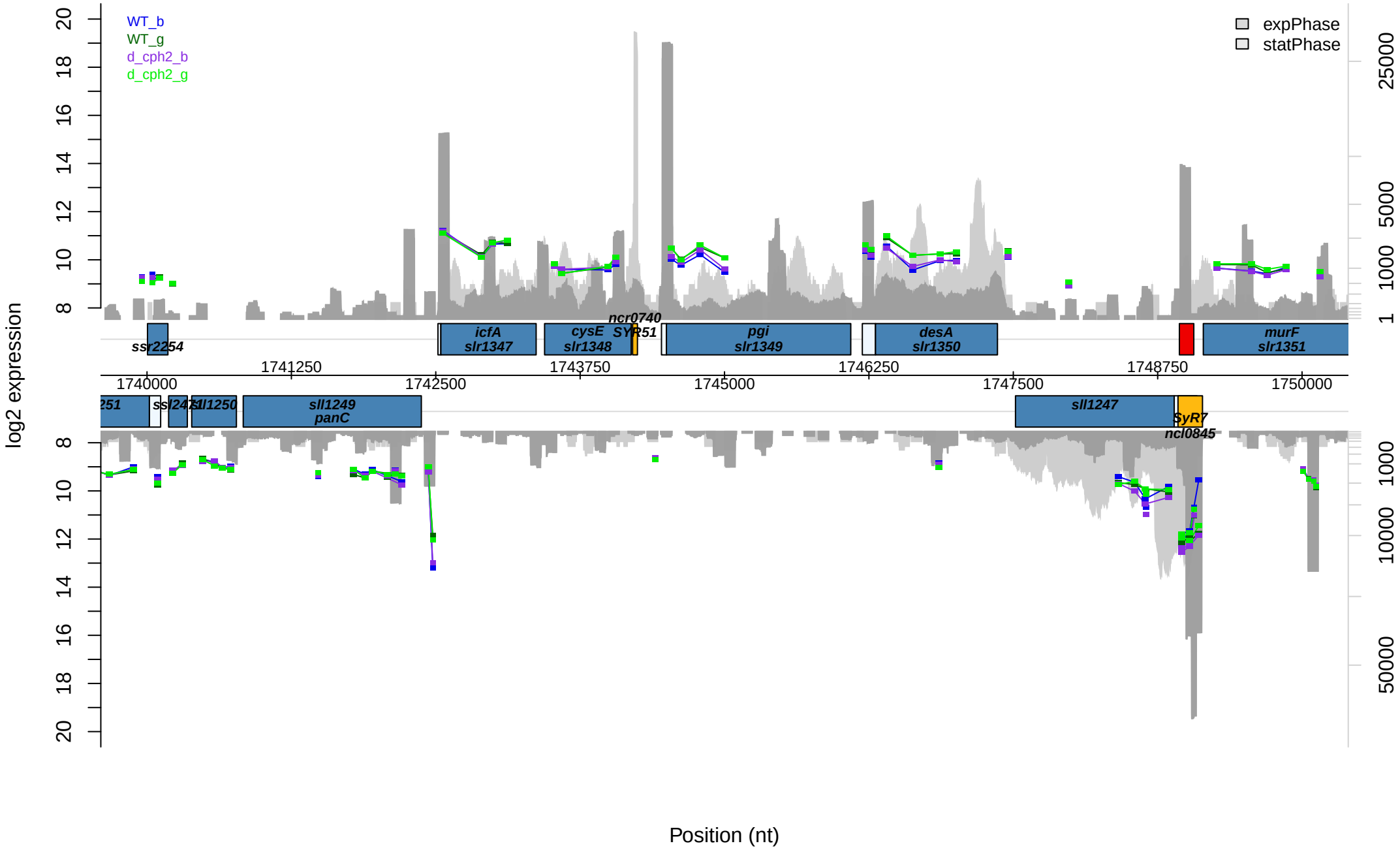

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rfbB
slr0809
slr0810
slr0812
slr0813
1690000
1691250
1692500
1693750
1695000
1696250
1697500
1698750
1700000
sll0818
ssl1520
sll0817
miaA
sll0816
sll0815
ncl0820
sll0814
sll0813
ctaC
sll0812

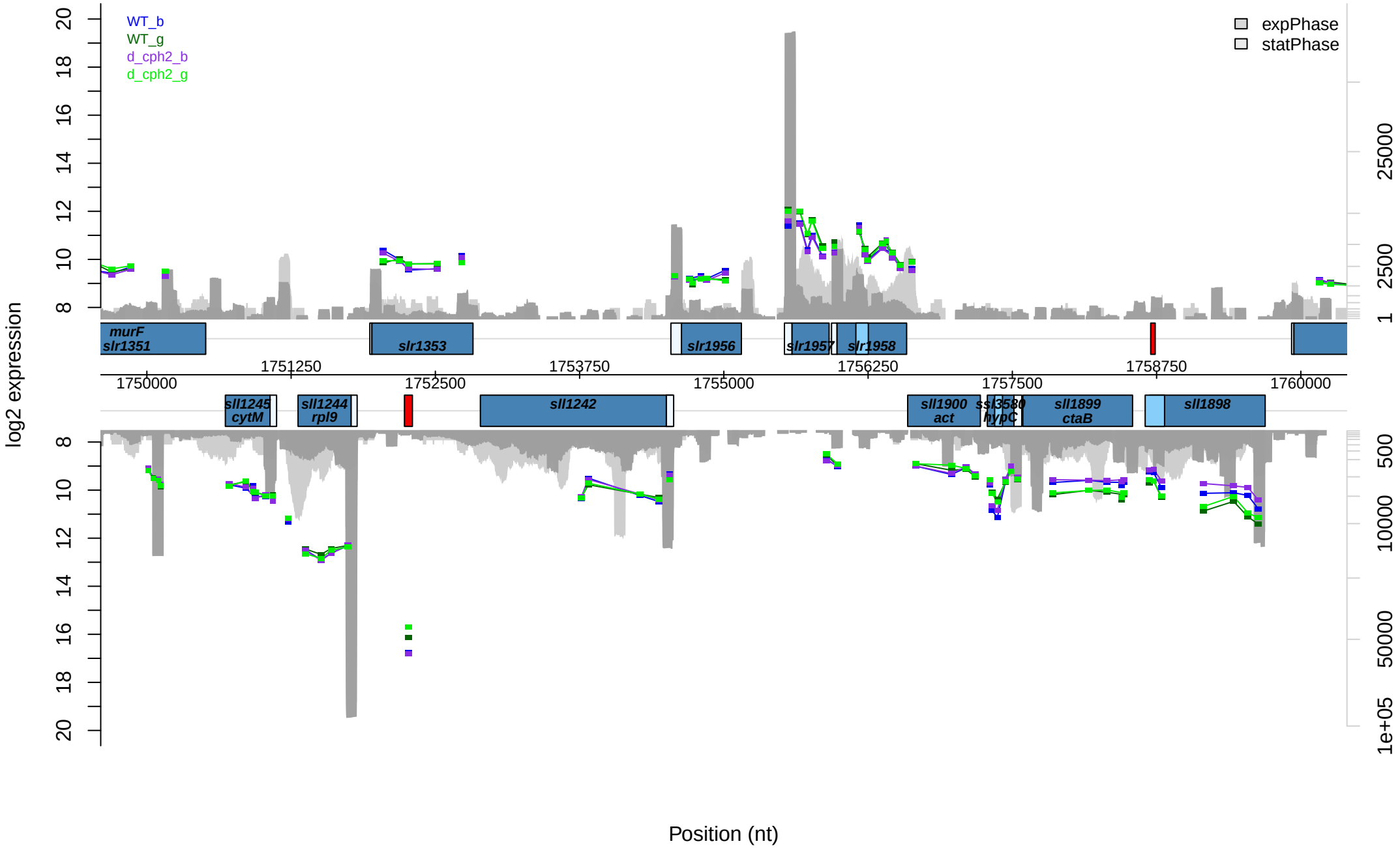

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0720
hdhL
ssr1386
slr0815
slr0816
menF
slr0817
slr0818
int
slr0819
ssr1391
slr0820
sll0812
sll0811
sll0810
sll0809
1700000
1701250
1702500
1703750
1705000
1706250
1707500
1708750
1710000

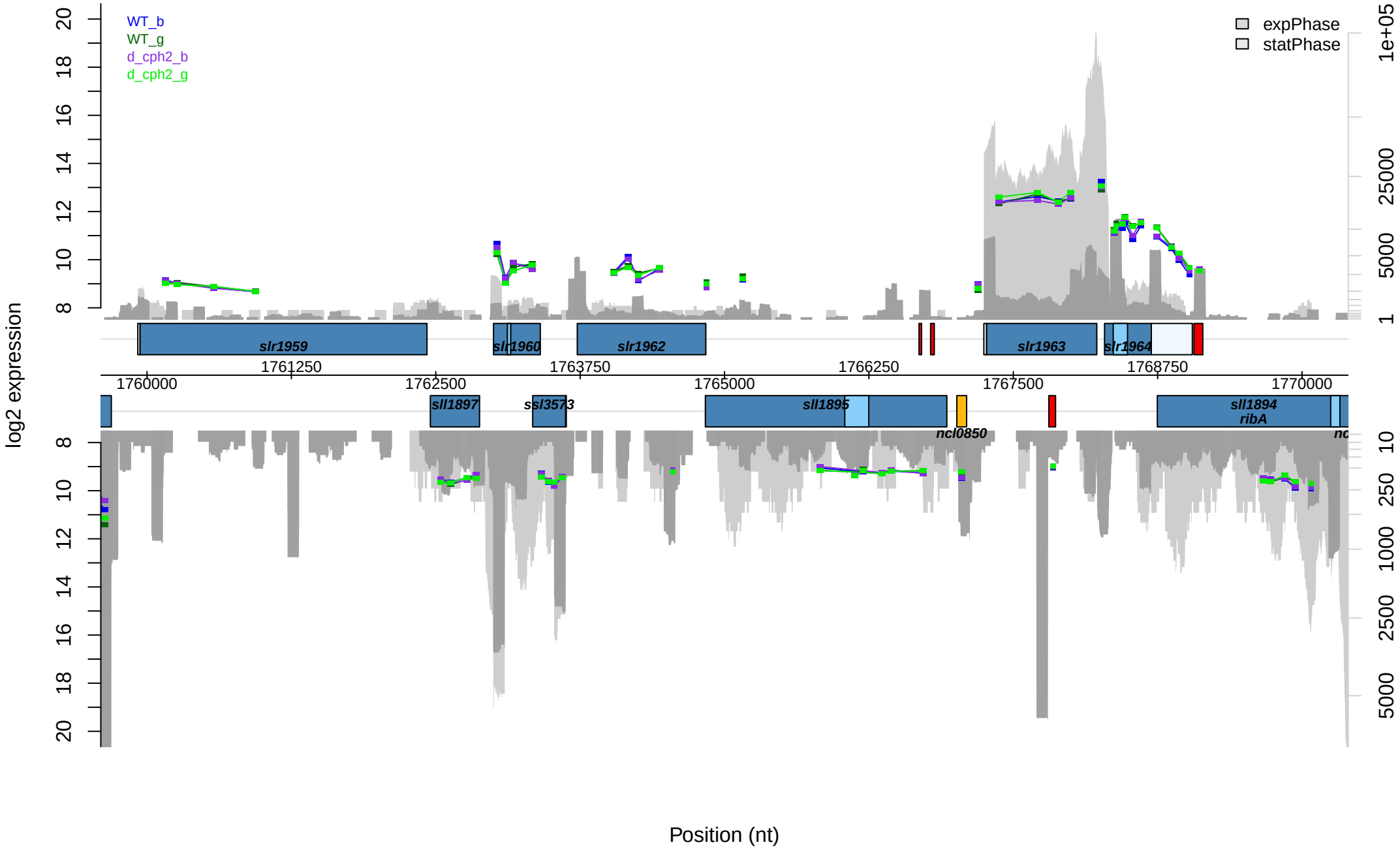

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0730
slr0820
slr0821
slr0822
ycf3
slr0823
ssl1507
sll0808
SyR48
ncl0830
sll0807
rpe
sll0804
sll0803
sll0802
ssl1498
sll1263
1710000
1711250
1712500
1713750
1715000
1716250
1717500
1718750
1720000

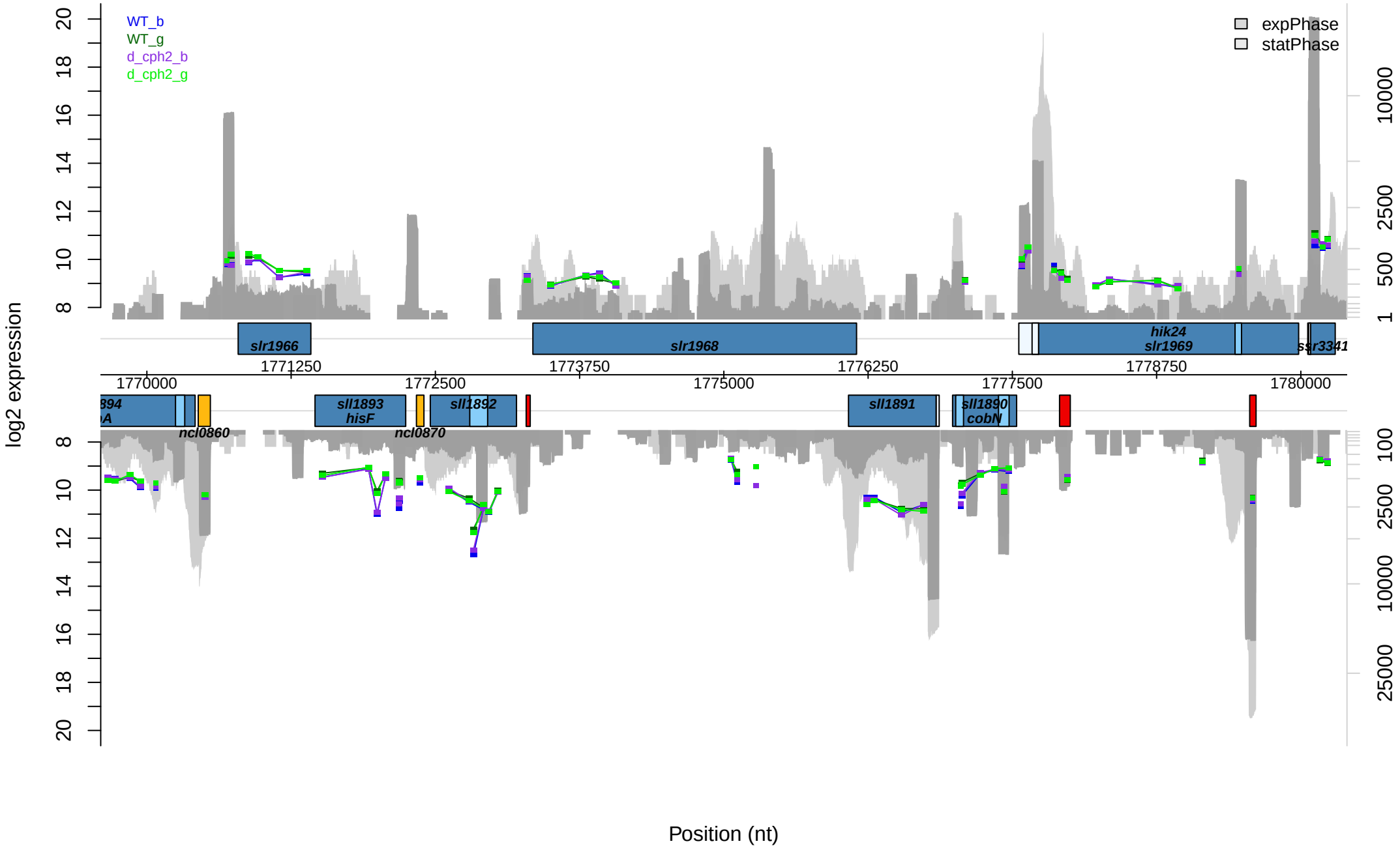

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1336
slr1338
slr1339
slr1340
sll1263
sll1262
sll1261
tsf
sll1260
rps2
sll1258
sll1257
sll1256
ncl0840
sll1255
1720000
1721250
1722500
1723750
1725000
1726250
1727500
1728750
1730000

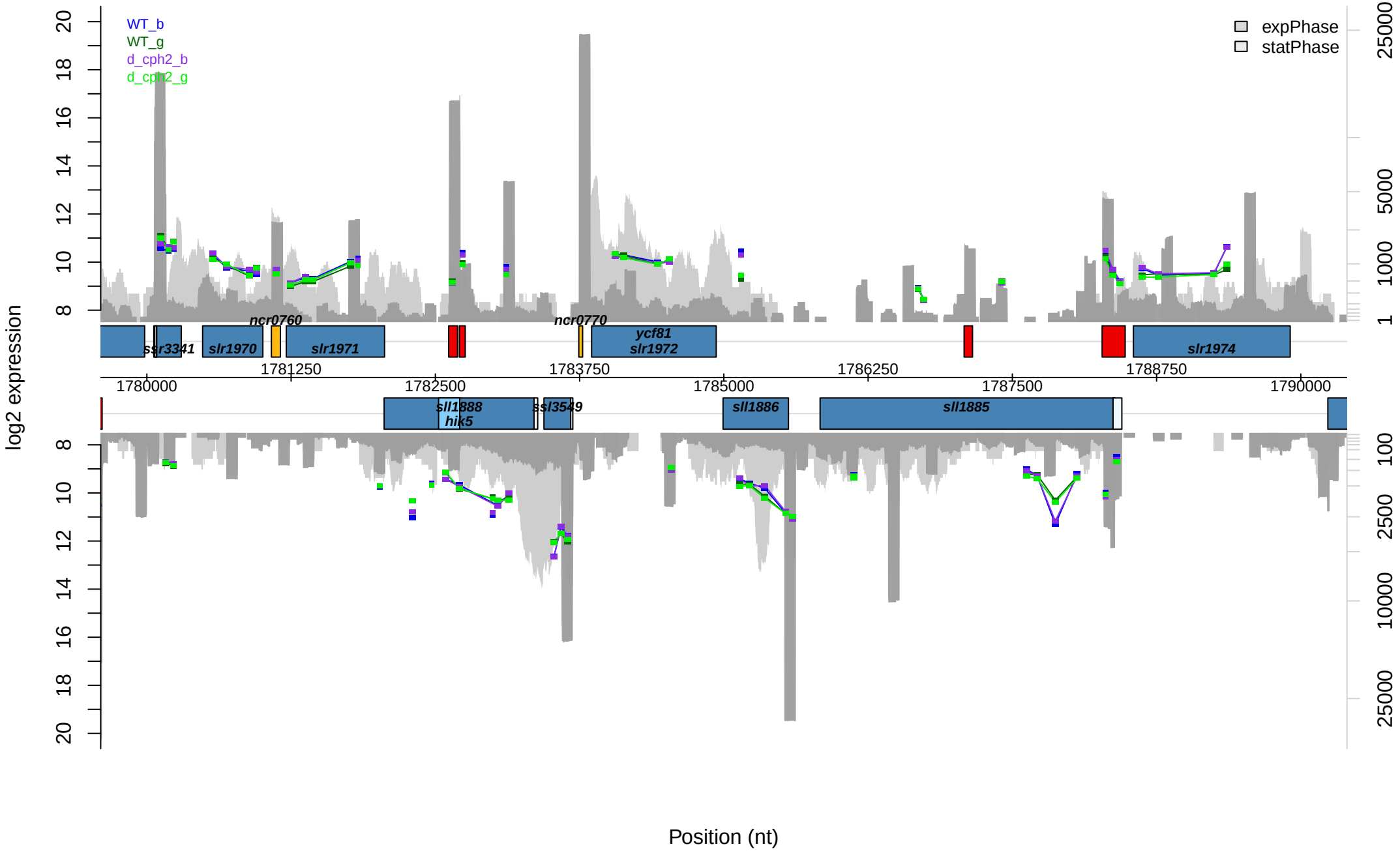

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1342
slr1343
slr1344
ssr2254
sll1254
sll1253
pcnB
sll1252
sll1251
1730000
1731250
1732500
1733750
1735000
1736250
1737500
1738750
1740000

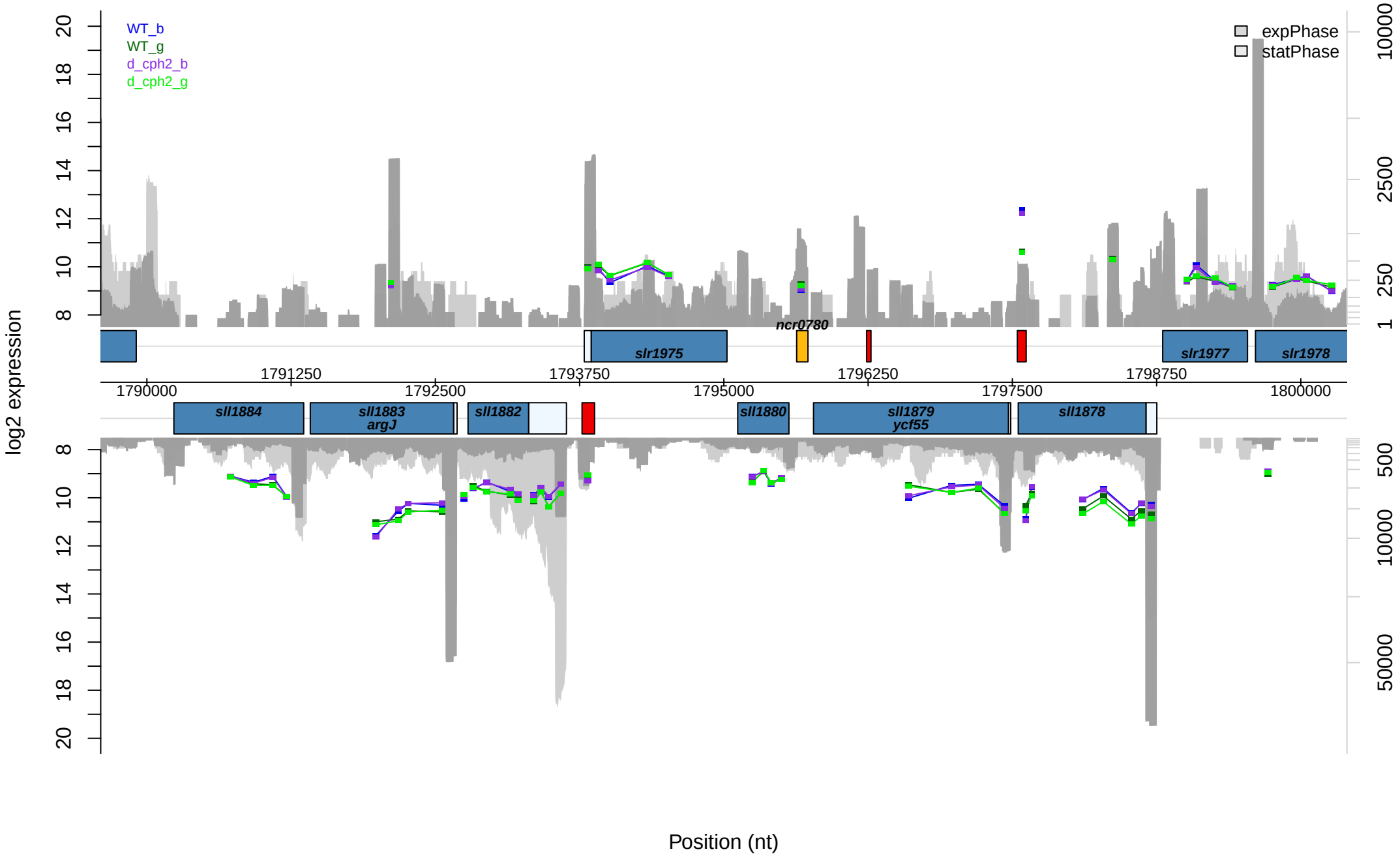

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr2254
icfA
slr1347
cysE
slr1348
ncr0740
SYR51
pgi
slr1349
desA
slr1350
murF
slr1351
sll1249
panC
sll1247
SyR7
ncl0845
1740000
1741250
1742500
1743750
1745000
1746250
1747500
1748750
1750000

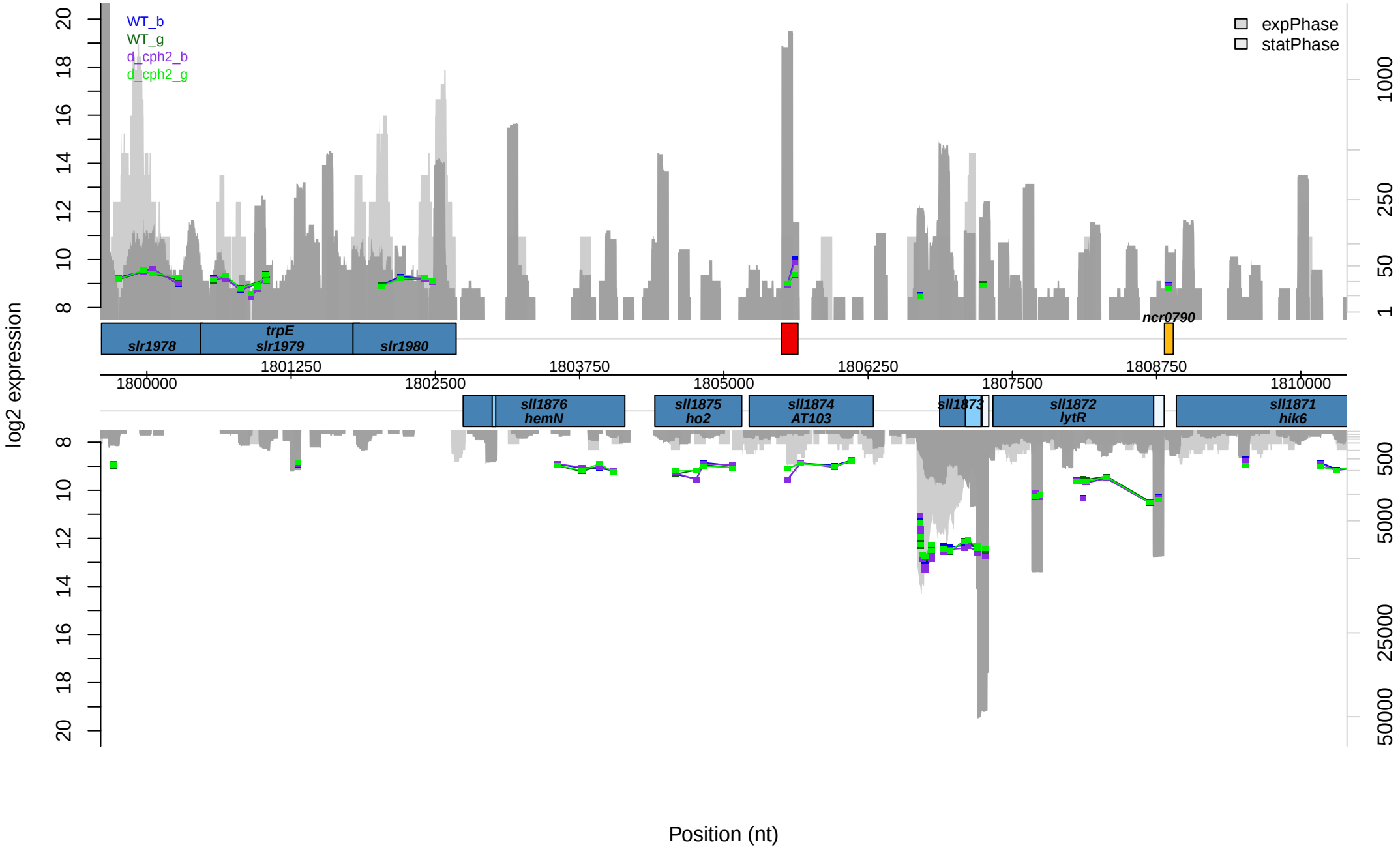

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
murF
slr1351
slr1353
slr1956
slr1957
slr1958
sll1245
cytM
sll1244
rpl9
sll1242
sll1900
act
sll1899
ctaB
sll1898
1750000
1751250
1752500
1753750
1755000
1756250
1757500
1758750
1760000

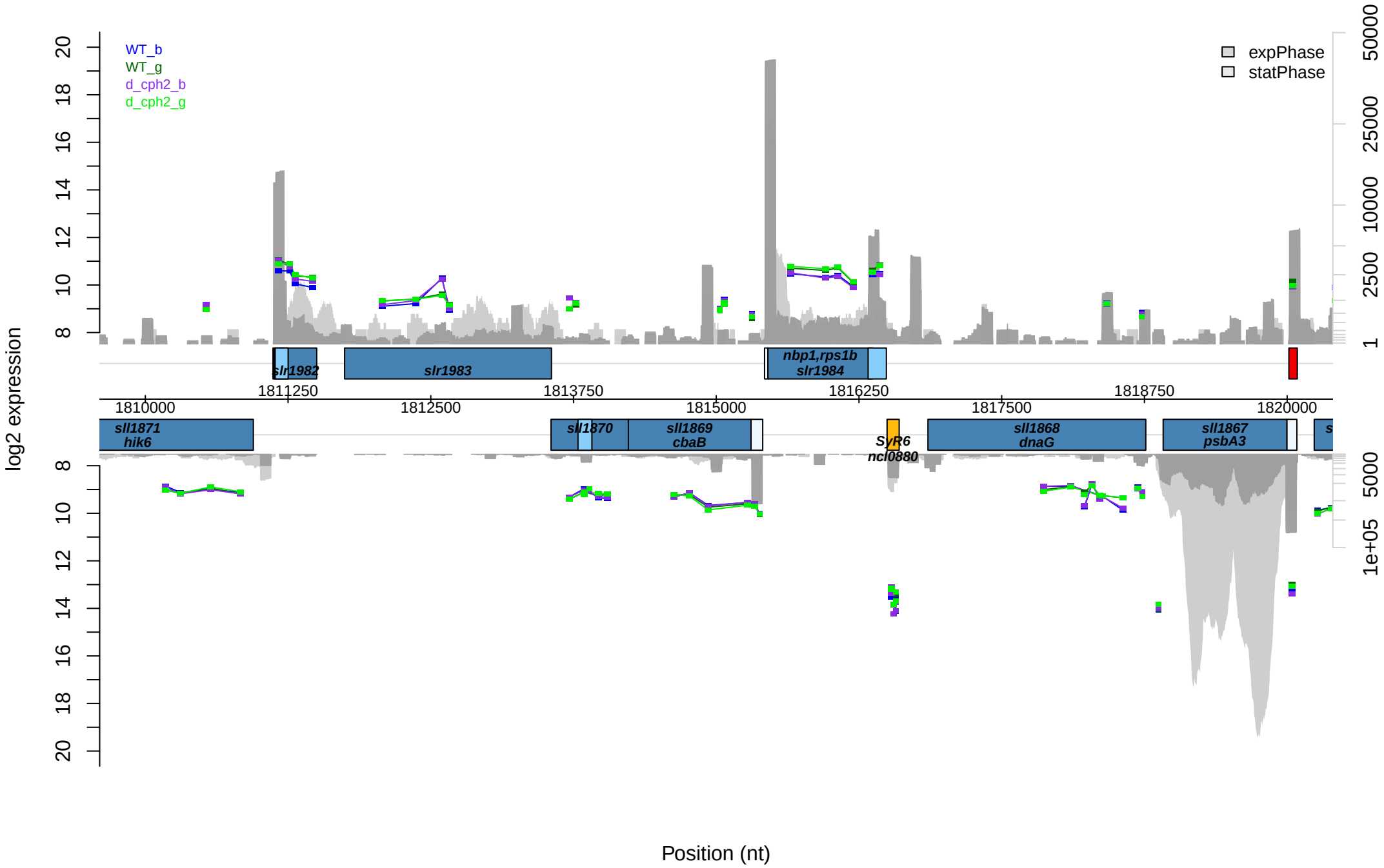

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1959
slr1960
slr1962
slr1963
slr1964
sll1897
ssl3573
sll1895
ncl0850
sll1894
ribA
1760000
1761250
1762500
1763750
1765000
1766250
1767500
1768750
1770000

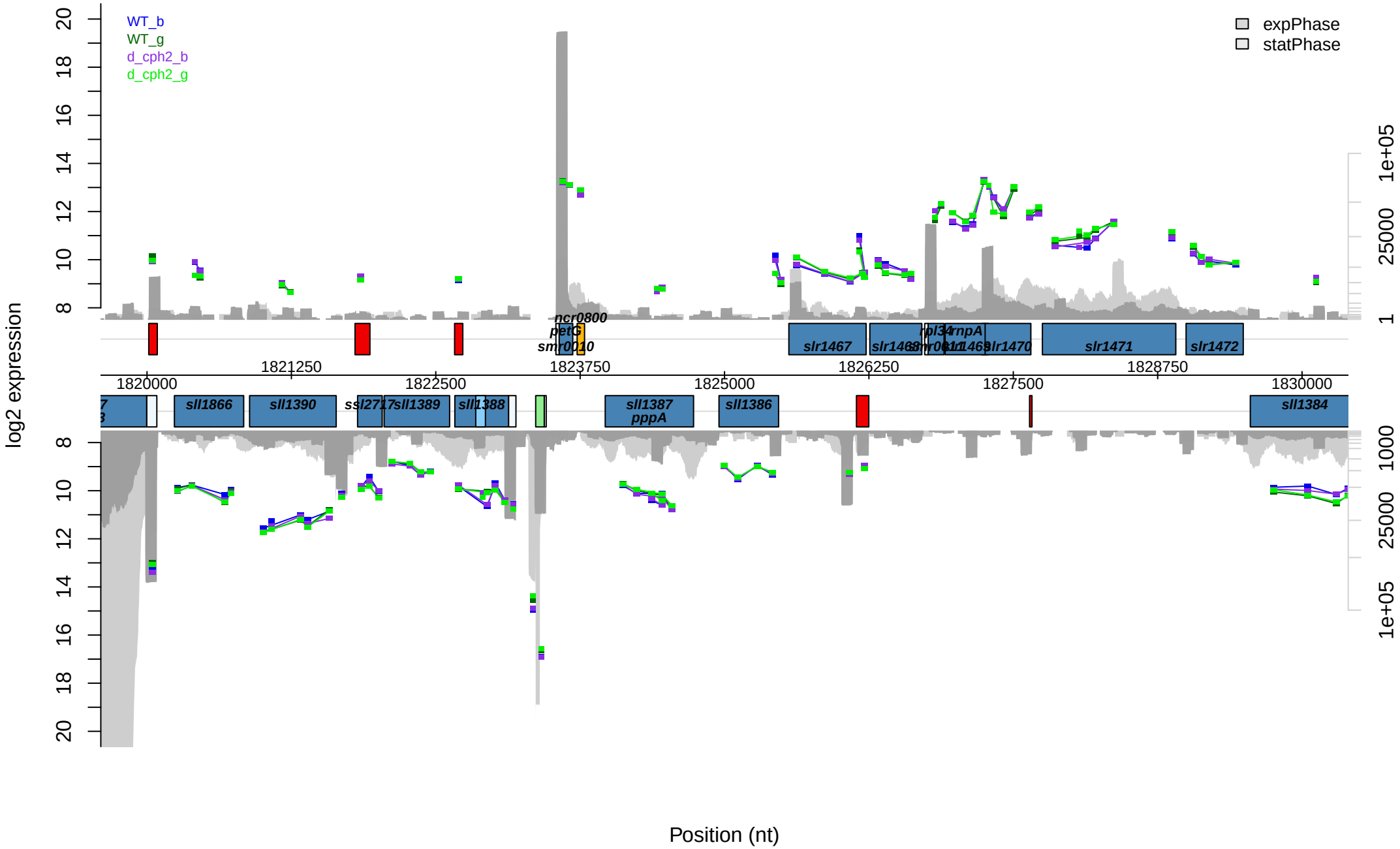

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1966
slr1968
hik24
slr1969
ssr3341
sll1893
hisF
sll1892
sll1891
sll1890
cobN
ncl0860
ncl0870
1770000
1771250
1772500
1773750
1775000
1776250
1777500
1778750
1780000

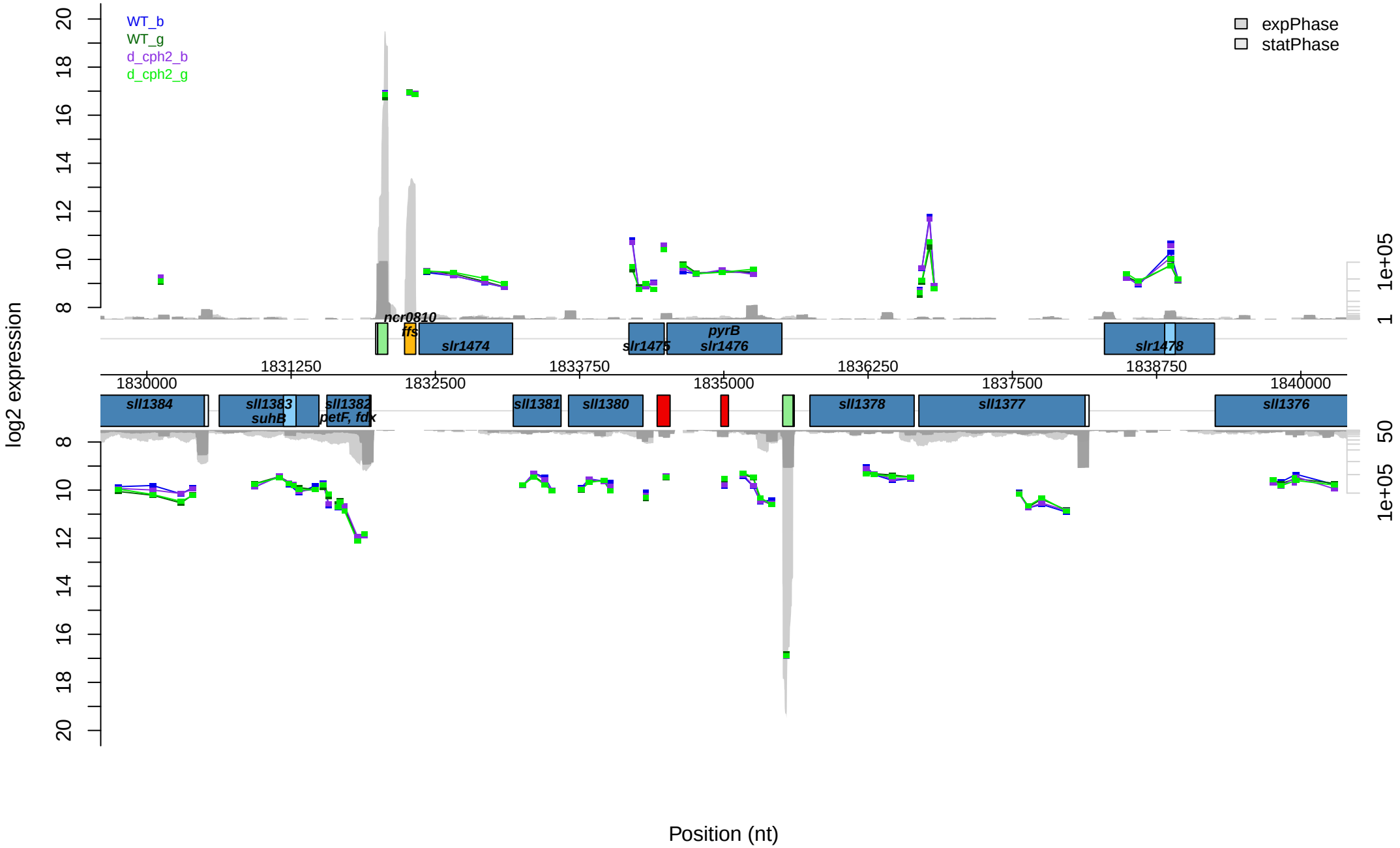

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0760
ncr0770
ycf81
ssr3341
slr1970
slr1971
slr1972
slr1974
sll1888
hik5
ssl3549
sll1886
sll1885
1780000
1781250
1782500
1783750
1785000
1786250
1787500
1788750
1790000

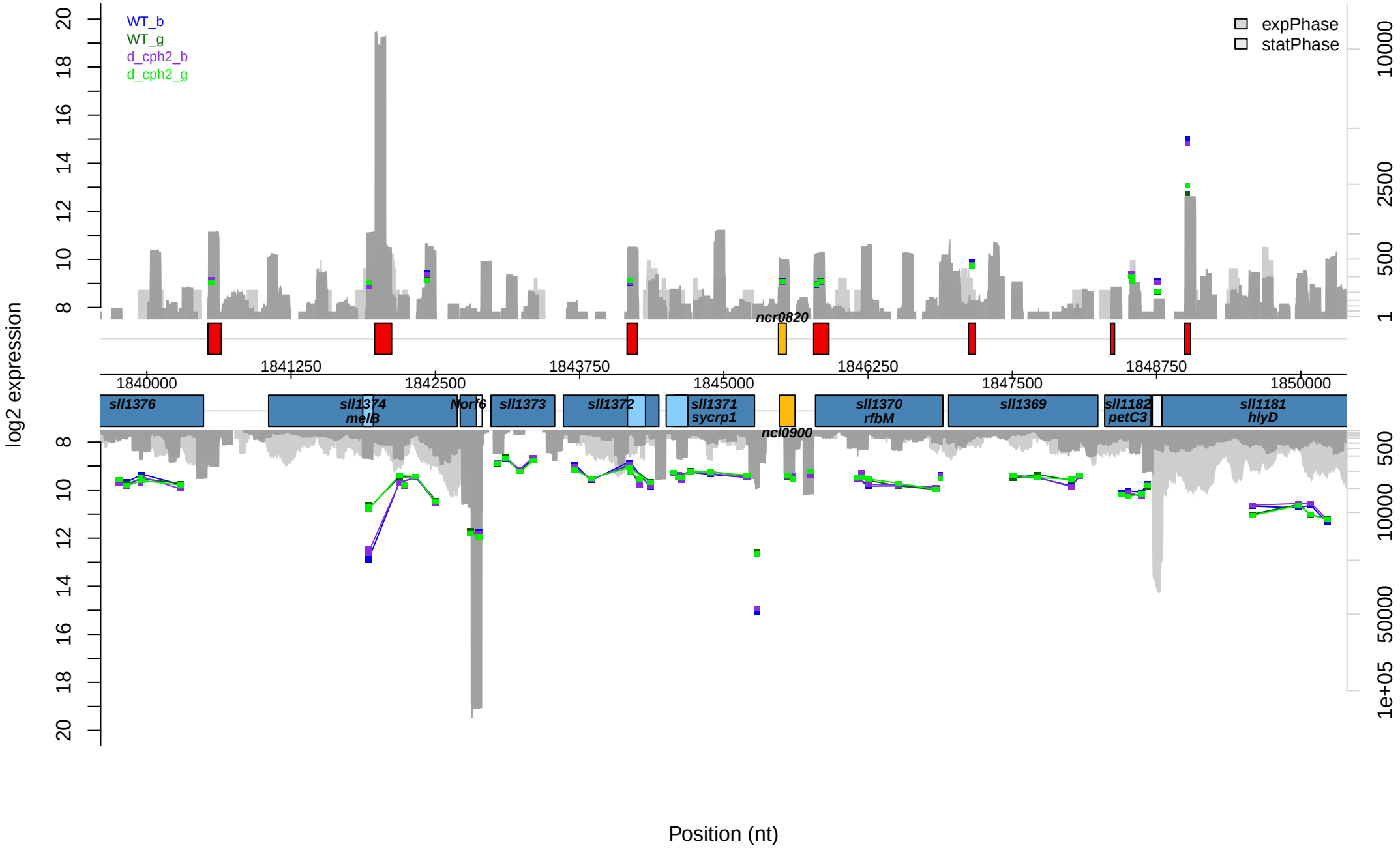

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0780
slr1975
slr1977
slr1978
sll1884
sll1883
argJ
sll1882
sll1880
sll1879
ycf55
sll1878
1790000
1791250
1792500
1793750
1795000
1796250
1797500
1798750
1800000

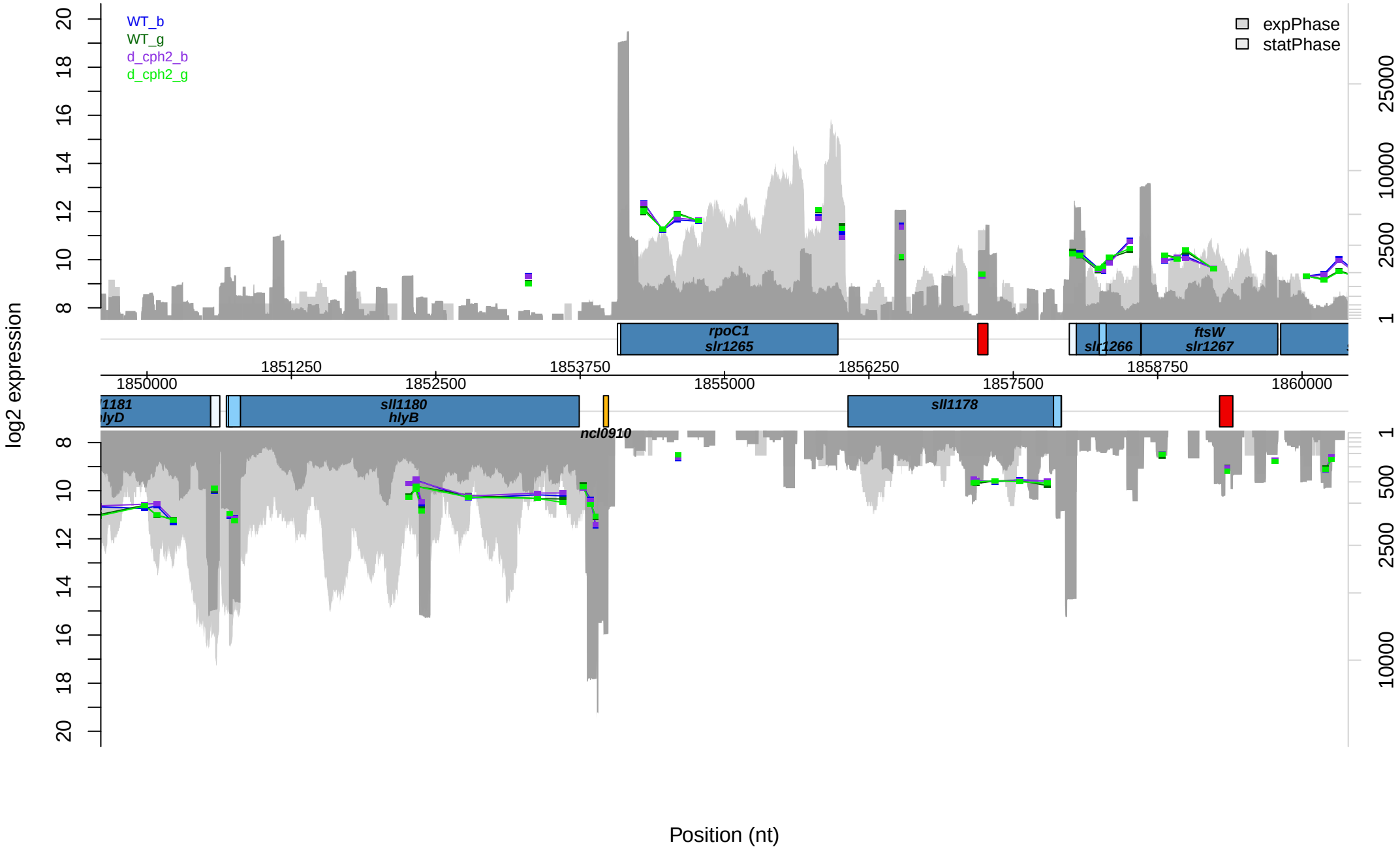

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1978
trpE
slr1979
slr1980
ncr0790
sll1876
hemN
sll1875
ho2
sll1874
AT103
sll1873
sll1872
lytR
sll1871
hik6
1800000
1801250
1802500
1803750
1805000
1806250
1807500
1808750
1810000

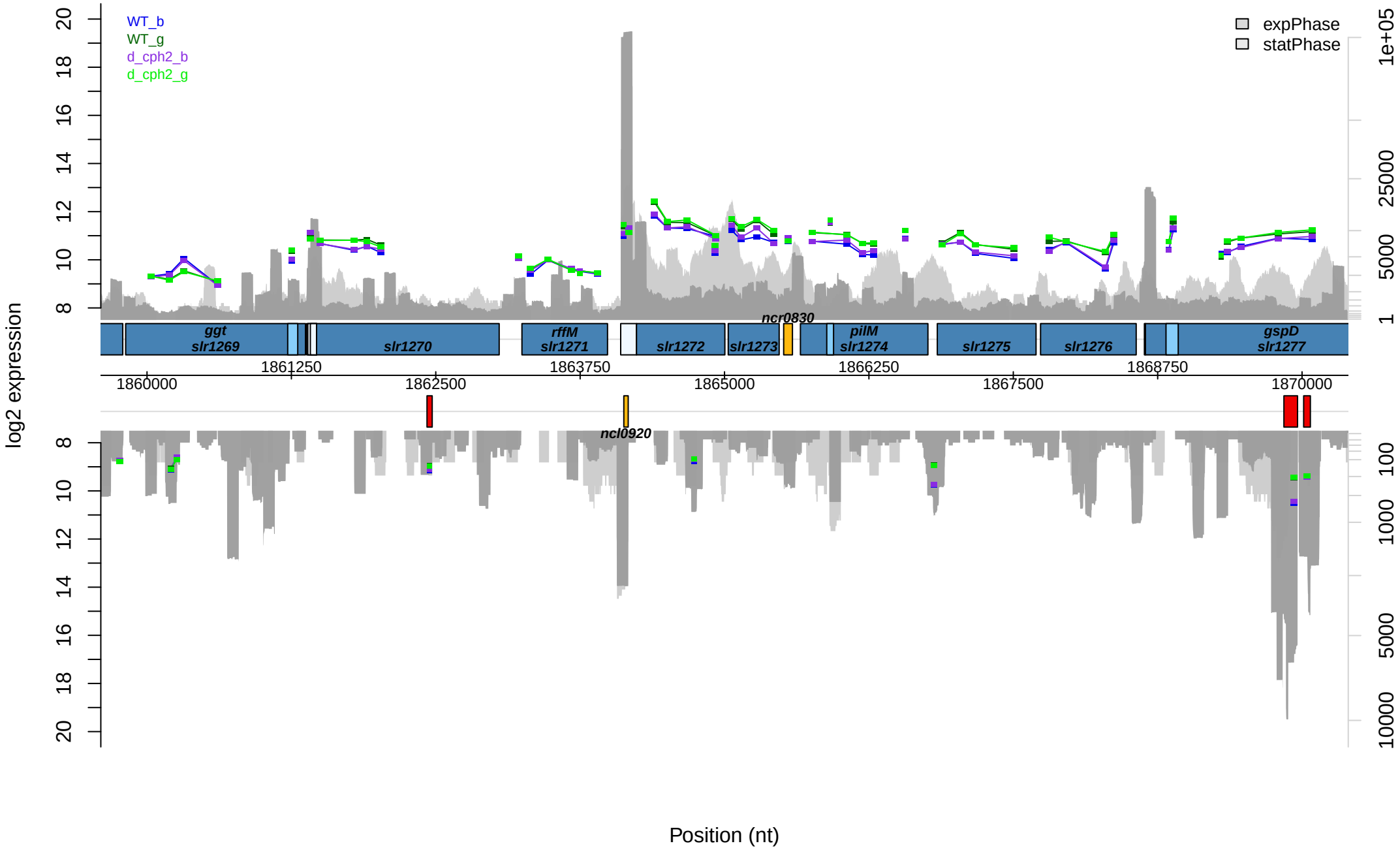

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1982
slr1983
nbp1,rps1b
slr1984
sll1871
hik6
sll1870
sll1869
cbaB
SyR6
ncl0880
sll1868
dnaG
sll1867
psbA3
1810000
1811250
1812500
1813750
1815000
1816250
1817500
1818750
1820000

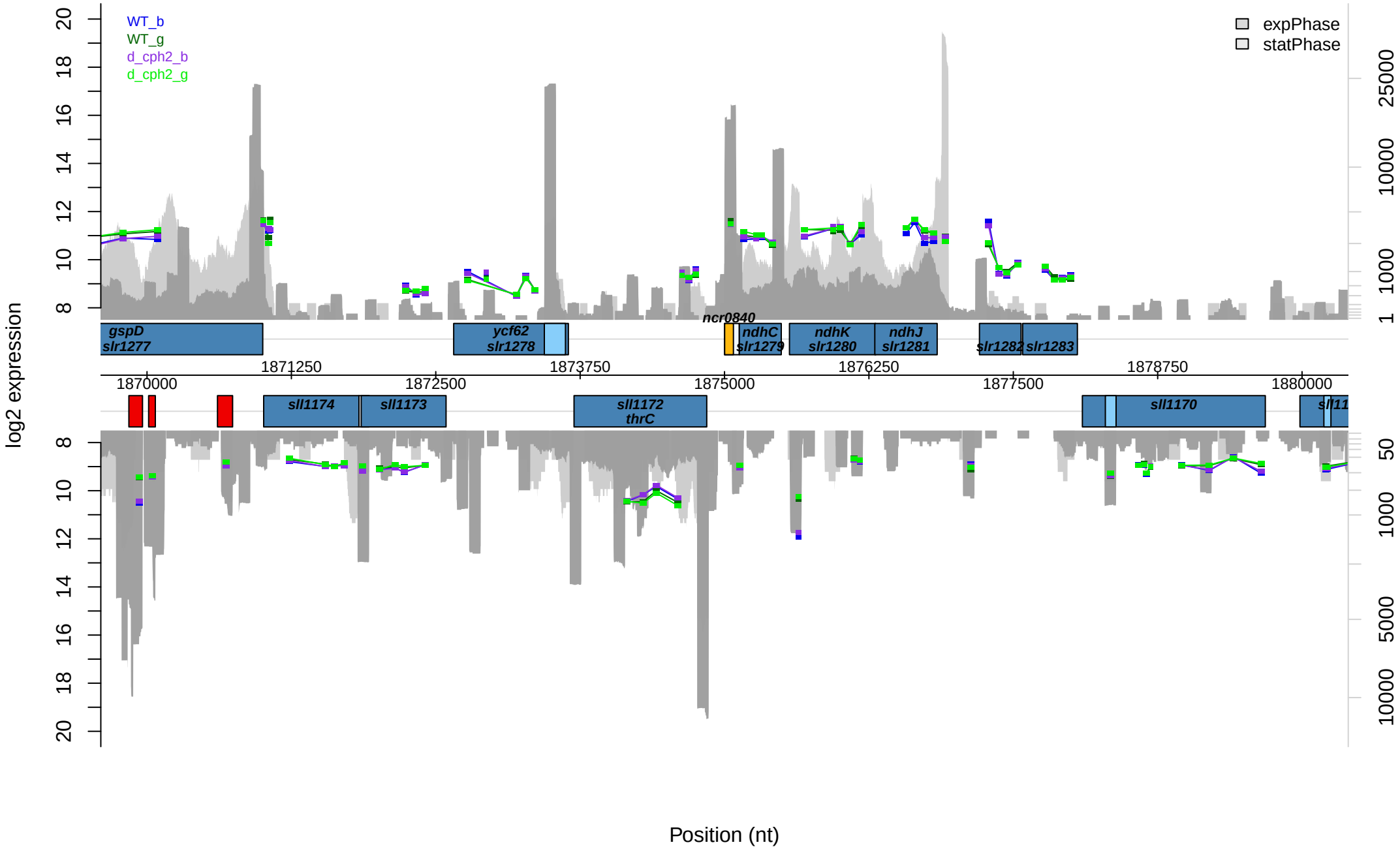

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0800
petG
smr0010
slr1467
slr1468
slr1469
slr1470
slr1471
slr1472
rpl34
rnpA
1821250
1823750
1826250
1828750
1820000
1822500
1825000
1827500
1830000
sll1866
sll1390
ssl2717
sll1389
sll1388
sll1387
pppA
sll1386
sll1384

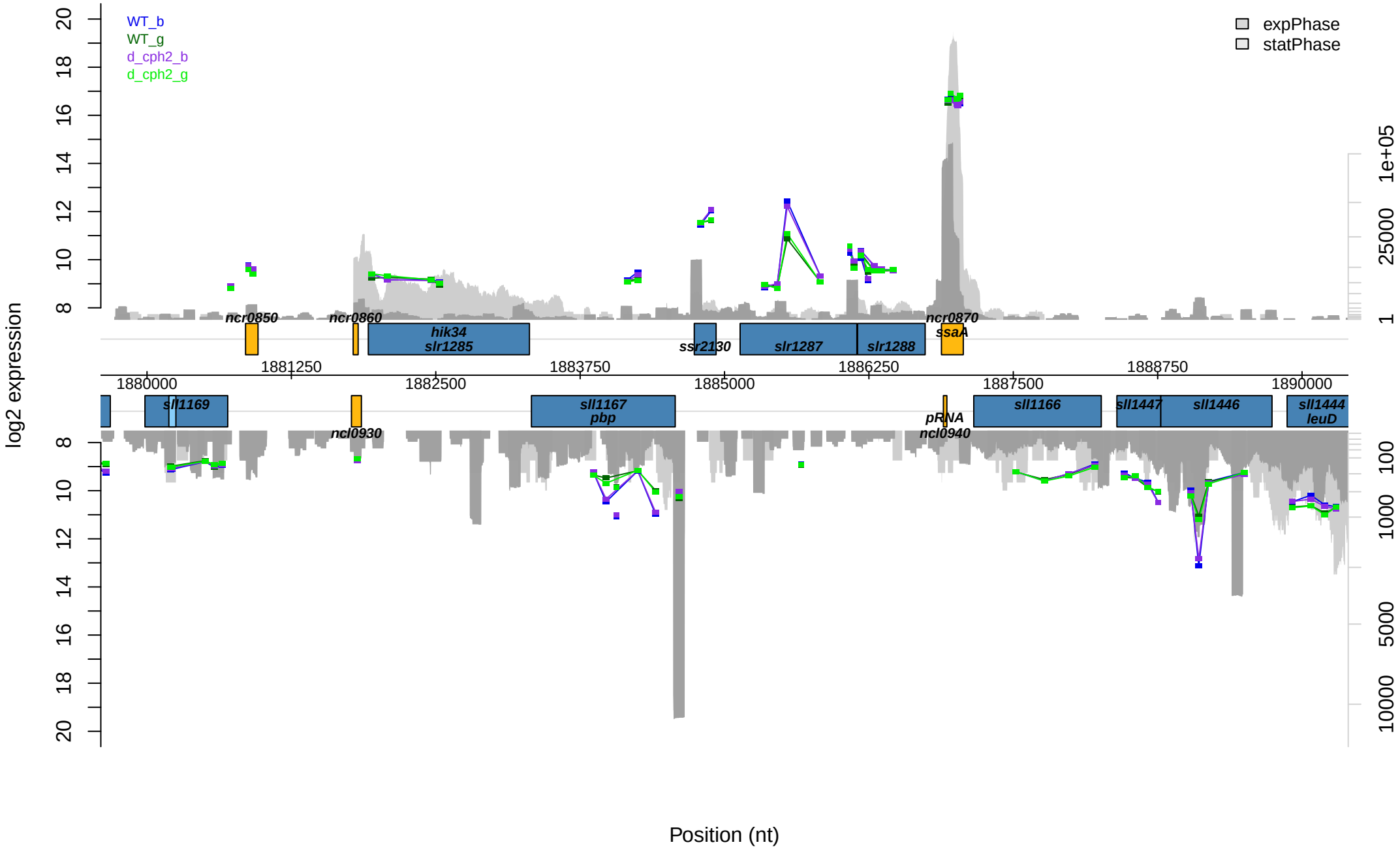

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0810
ffs
slr1474
slr1475
pyrB
slr1476
slr1478
sll1384
sll1383
suhB
sll1382
petF, fdx
sll1381
sll1380
sll1378
sll1377
sll1376
1830000
1831250
1832500
1833750
1835000
1836250
1837500
1838750
1840000

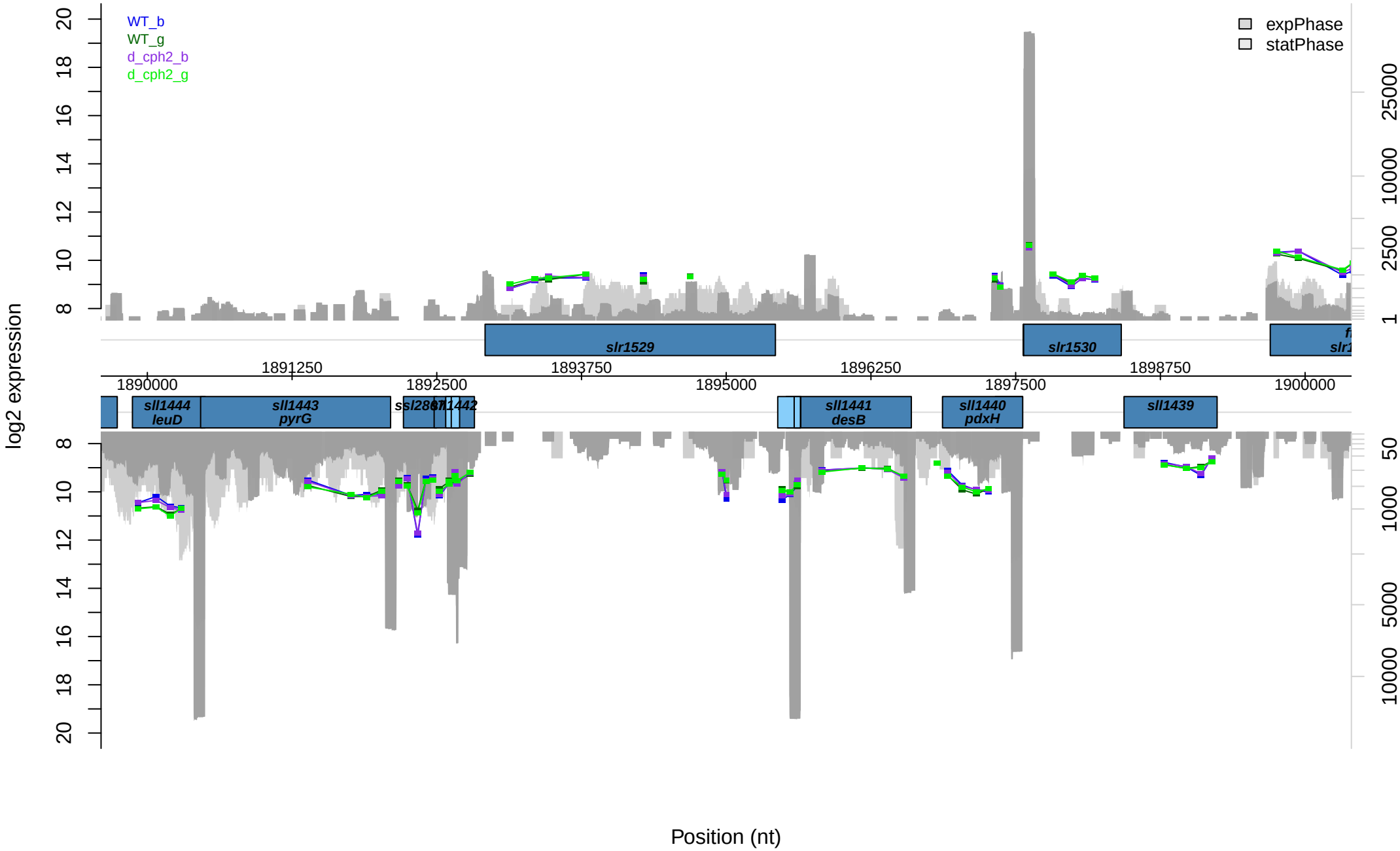

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
500
2500
10000
ncr0820
1840000
1841250
1842500
1843750
1845000
1846250
1847500
1848750
1850000
sll1376
sll1374
melB
Nor16
sll1373
sll1372
sll1371
sycrp1
sll1370
rfbM
sll1369
sll1182
petC3
sll1181
hlyD
ncl0900
500
10000
50000
1e+05
Position (nt)

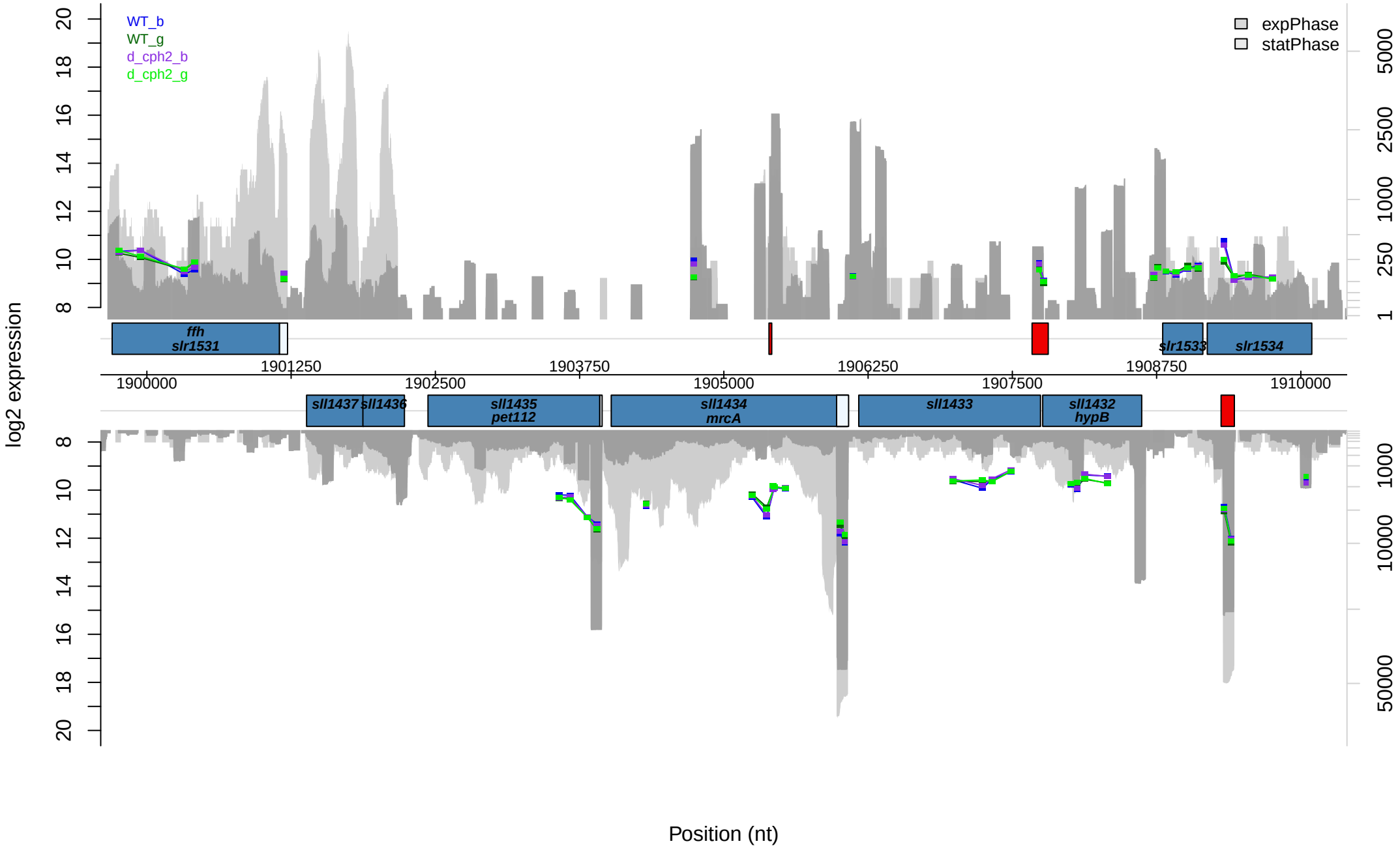

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rpoC1
slr1265
sll1266
ftsW
slr1267
sll1180
hlyB
ncl0910
sll1178
1850000
1851250
1852500
1853750
1855000
1856250
1857500
1858750
1860000

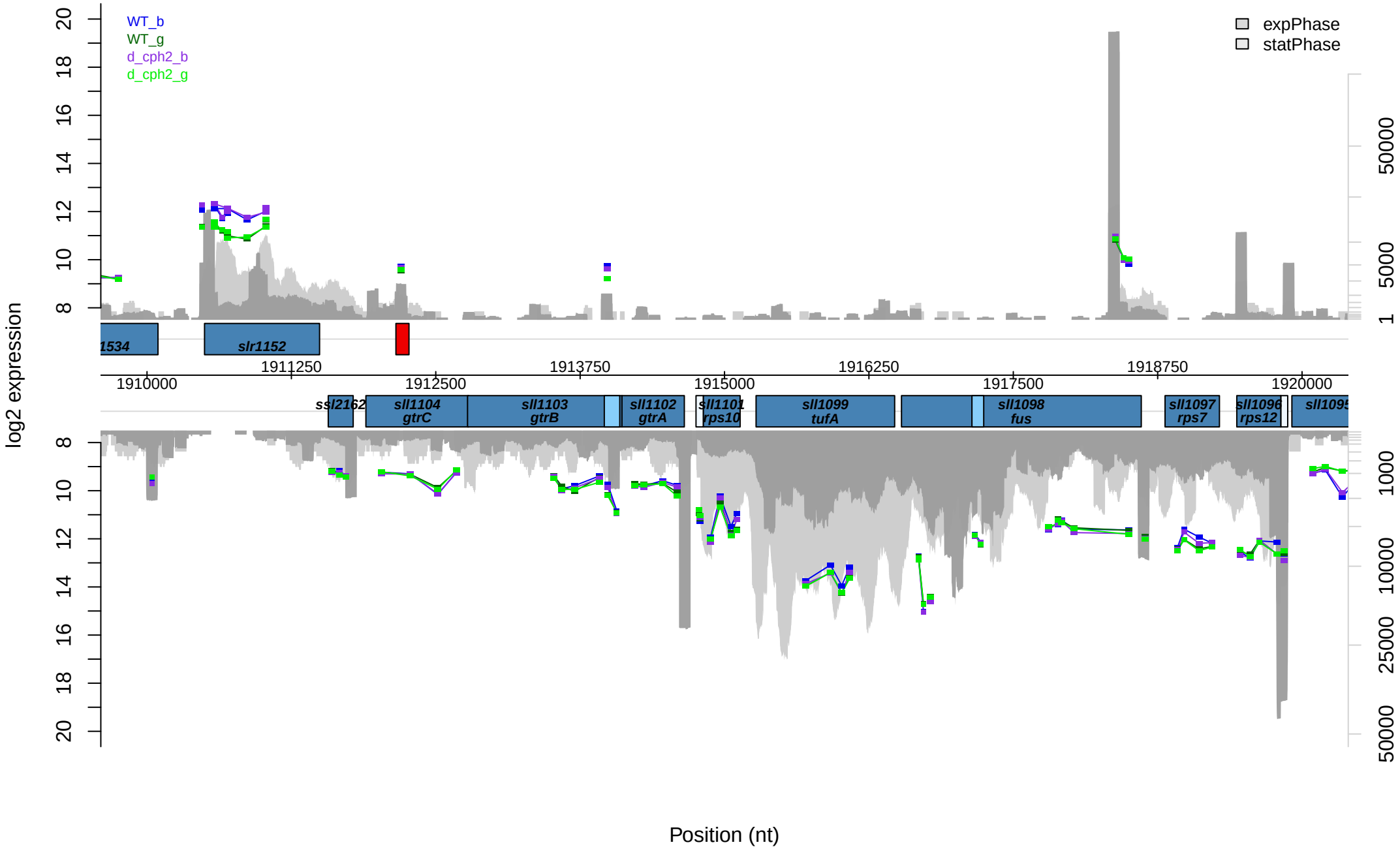

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ggt
slr1269
slr1270
rffM
slr1271
slr1272
slr1273
ncr0830
pilM
slr1274
slr1275
slr1276
gspD
slr1277
ncl0920
1860000
1861250
1862500
1863750
1865000
1866250
1867500
1868750
1870000

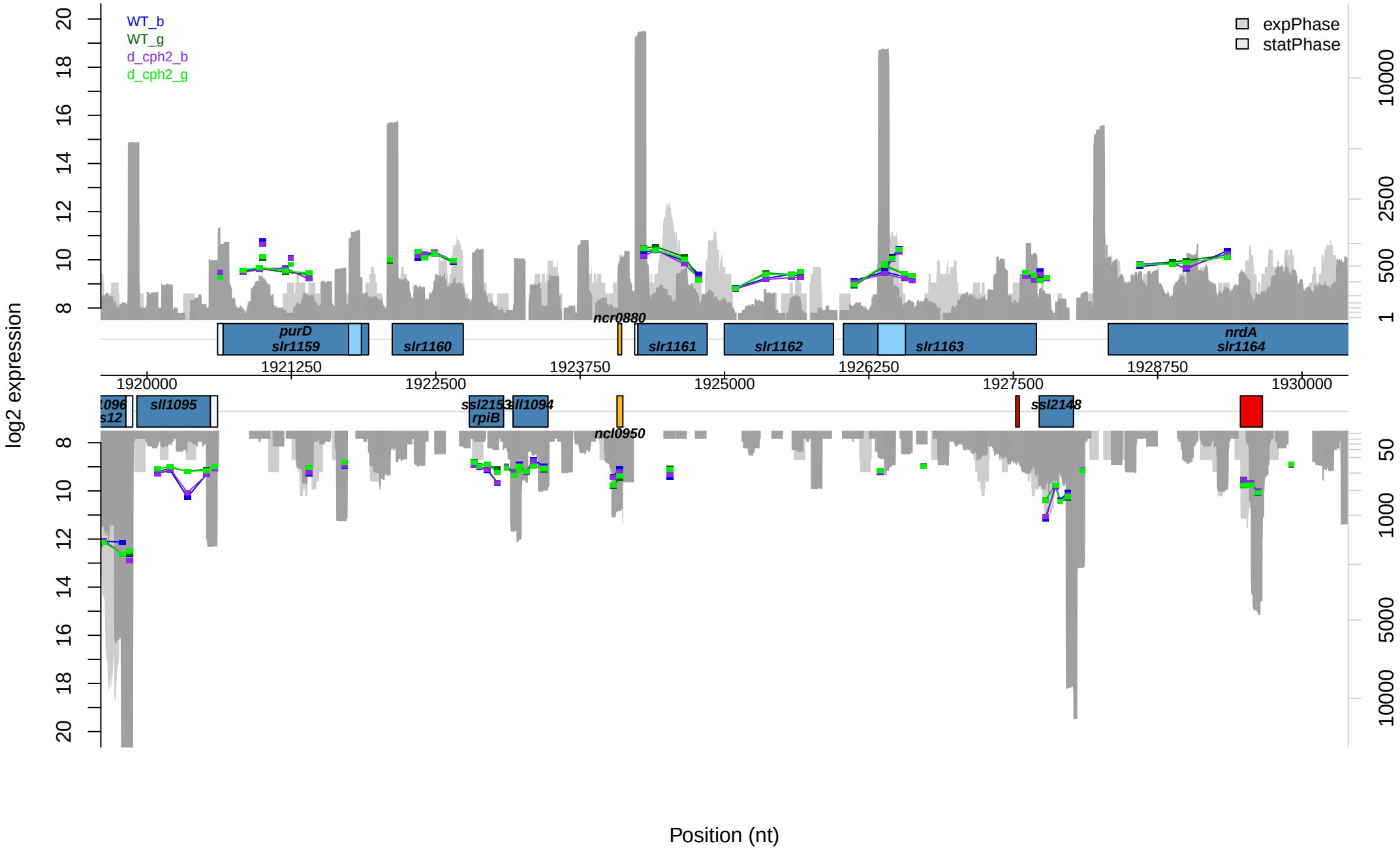

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
gspD
slr1277
ycf62
slr1278
ncr0840
ndhC
slr1279
ndhK
slr1280
ndhJ
slr1281
slr1282
slr1283
sll1174
sll1173
sll1172
thrC
sll1170
1870000
1871250
1872500
1873750
1875000
1876250
1877500
1878750
1880000

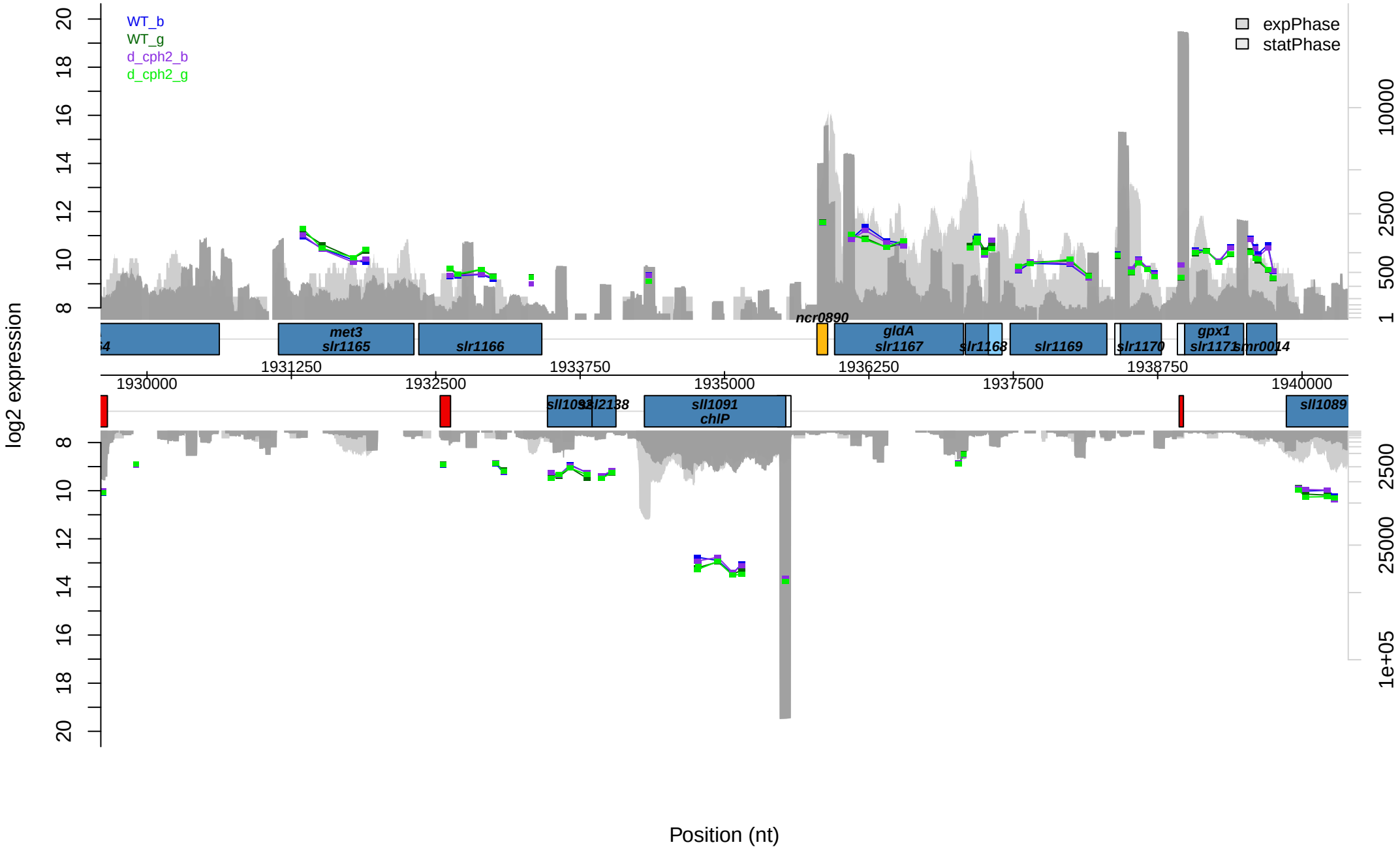

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0850
ncr0860
hik34
slr1285
ssr2130
slr1287
slr1288
ncr0870
ssaA
sll1169
ncl0930
sll1167
pbp
pRNA
ncl0940
sll1166
sll1447
sll1446
sll1444
leuD
1880000
1881250
1882500
1883750
1885000
1886250
1887500
1888750
1890000

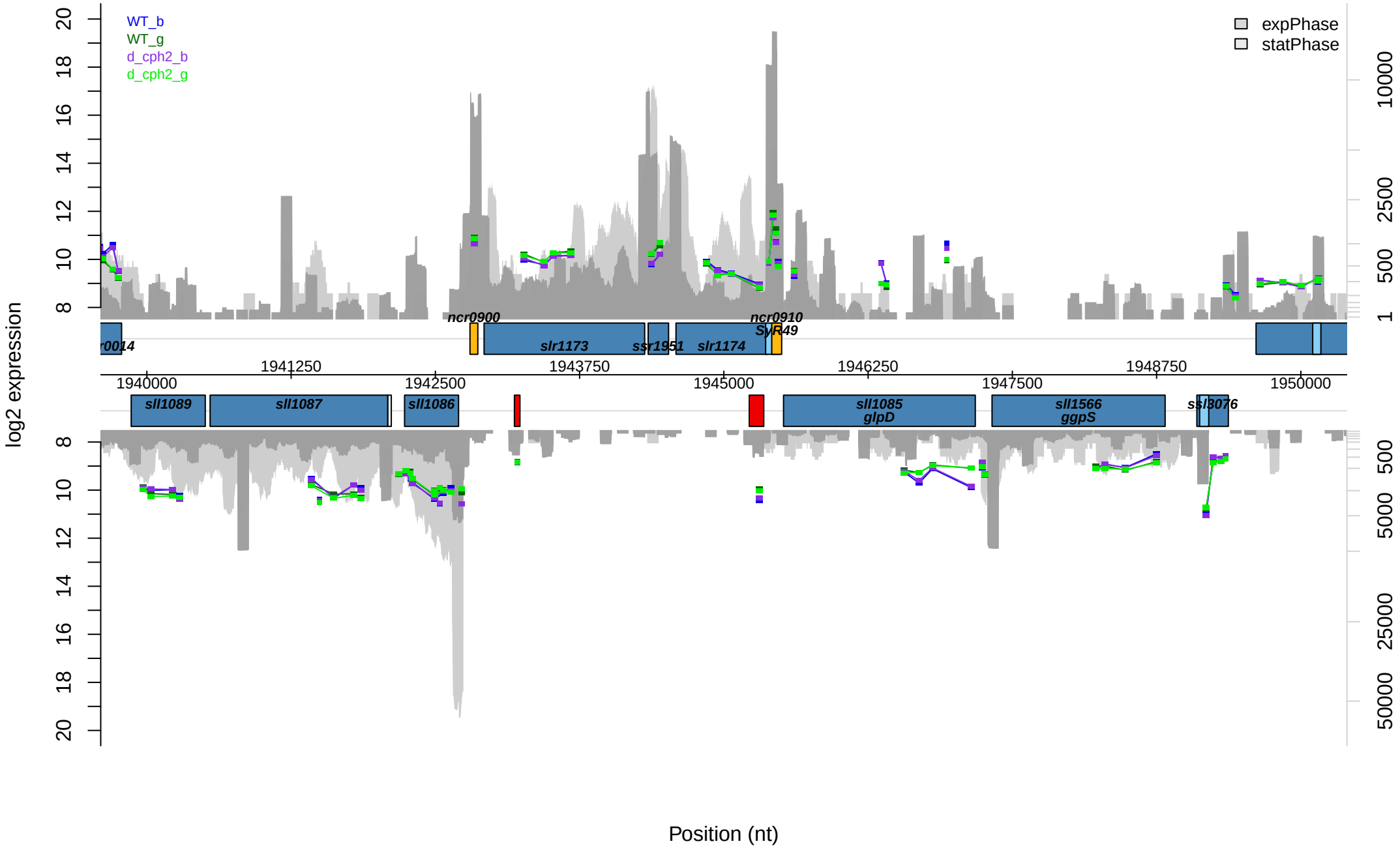

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1529
slr1530
sll1444 leuD
sll1443 pyrG
sll1441 desB
sll1440 pdxH
sll1439
1890000
1891250
1892500
1893750
1895000
1896250
1897500
1898750
1900000

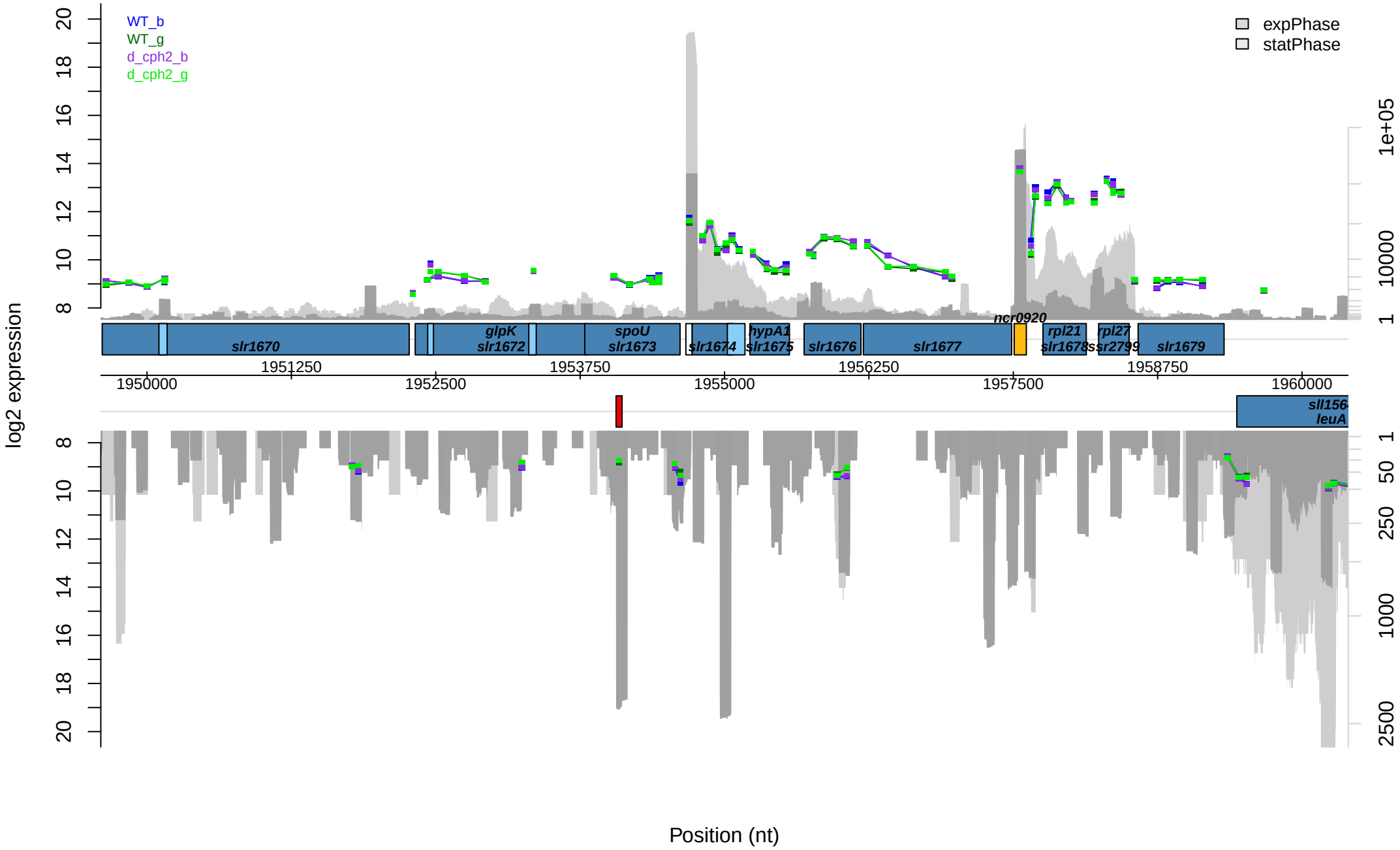

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ffh
slr1531
slr1533
slr1534
sll1437
sll1436
sll1435
pet112
sll1434
mrcA
sll1433
sll1432
hypB
1900000
1901250
1902500
1903750
1905000
1906250
1907500
1908750
1910000

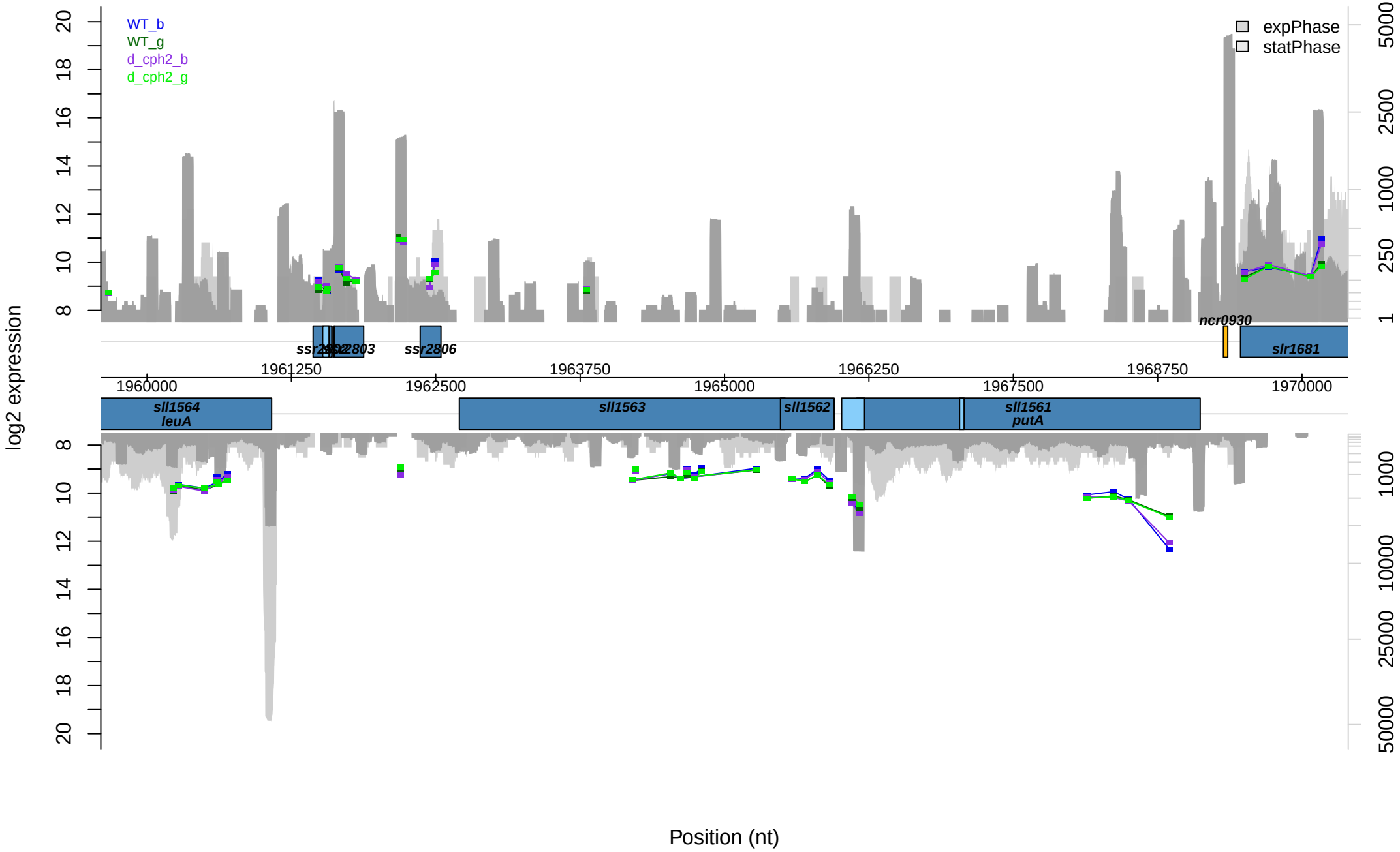

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
1534
slr1152
ssl2162
sll1104 gtrC
sll1103 gtrB
sll1102 gtrA
sll1101 rps10
sll1099 tufA
sll1098 fus
sll1097 rps7
sll1096 rps12
1910000
1911250
1912500
1913750
1915000
1916250
1917500
1918750
1920000

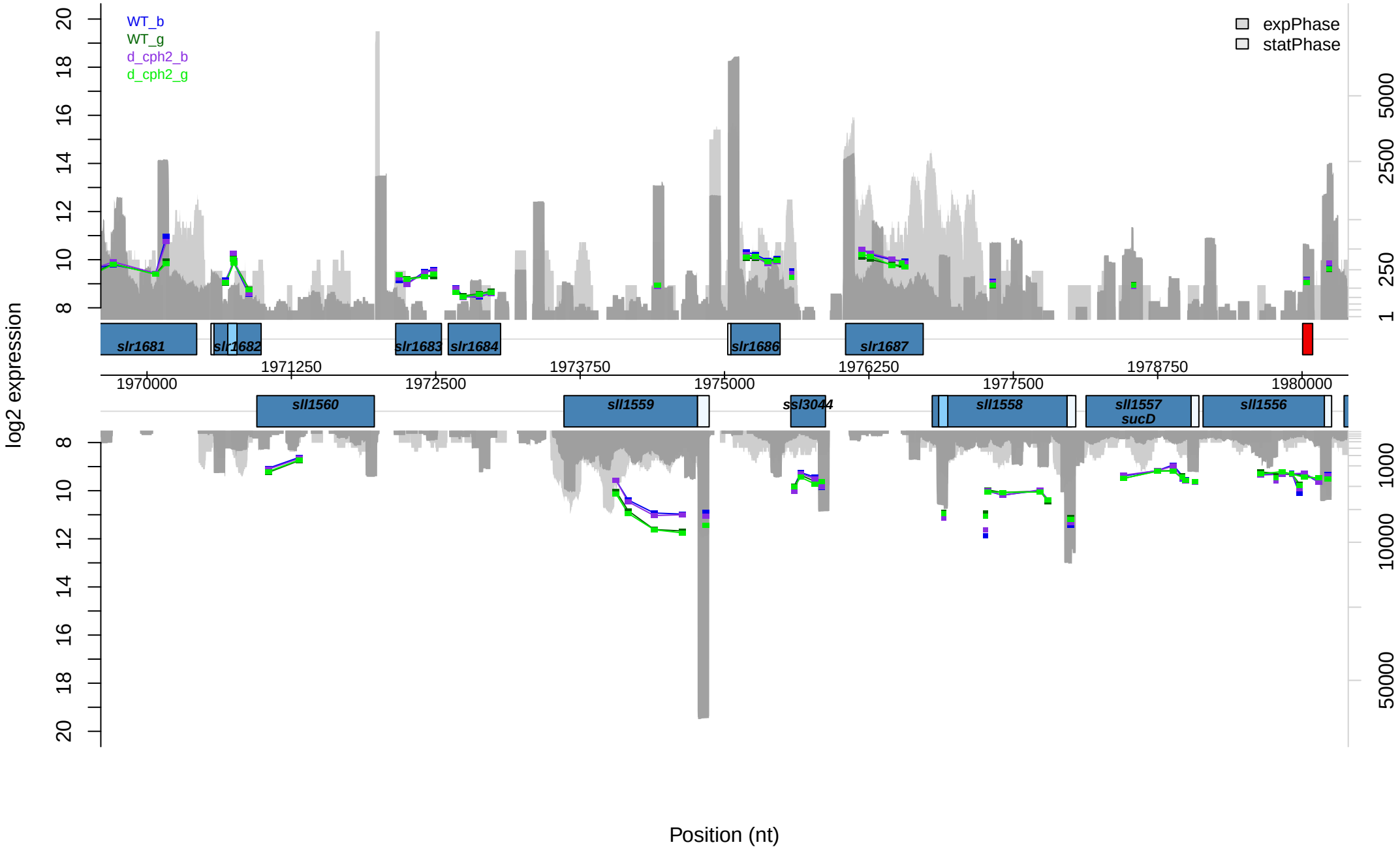

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
purD
slr1159
slr1160
ncr0880
slr1161
slr1162
slr1163
nrdA
slr1164
sll1095
ssl2153
rpiB
sll1094
ncl0950
ssl2148
1920000
1921250
1922500
1923750
1925000
1926250
1927500
1928750
1930000

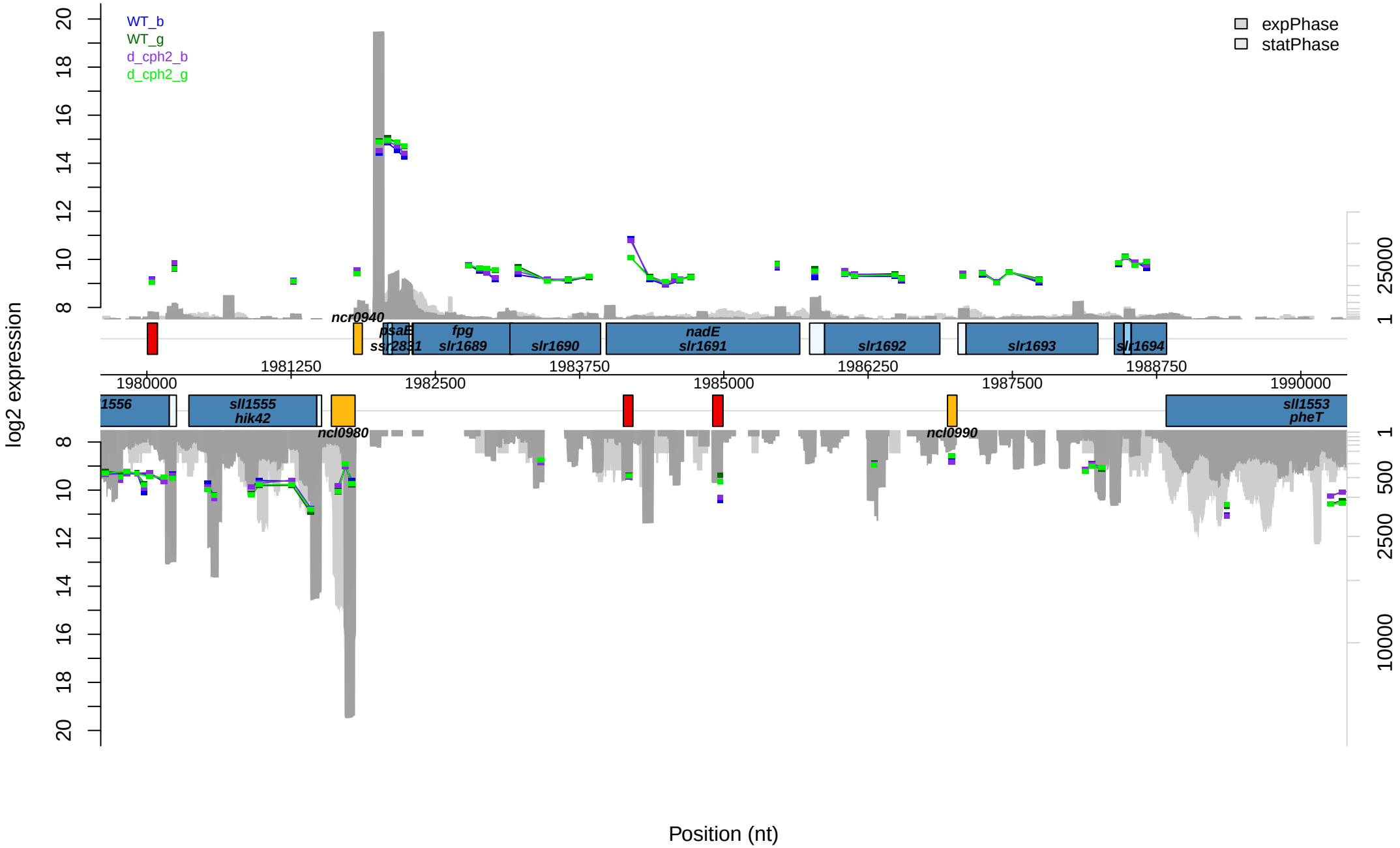

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
met3
slr1165
slr1166
ncr0890
gldA
slr1167
slr1168
slr1169
slr1170
gpx1
slr1171
smr0014
sll1091
chlP
sll1089
1930000
1931250
1932500
1933750
1935000
1936250
1937500
1938750
1940000

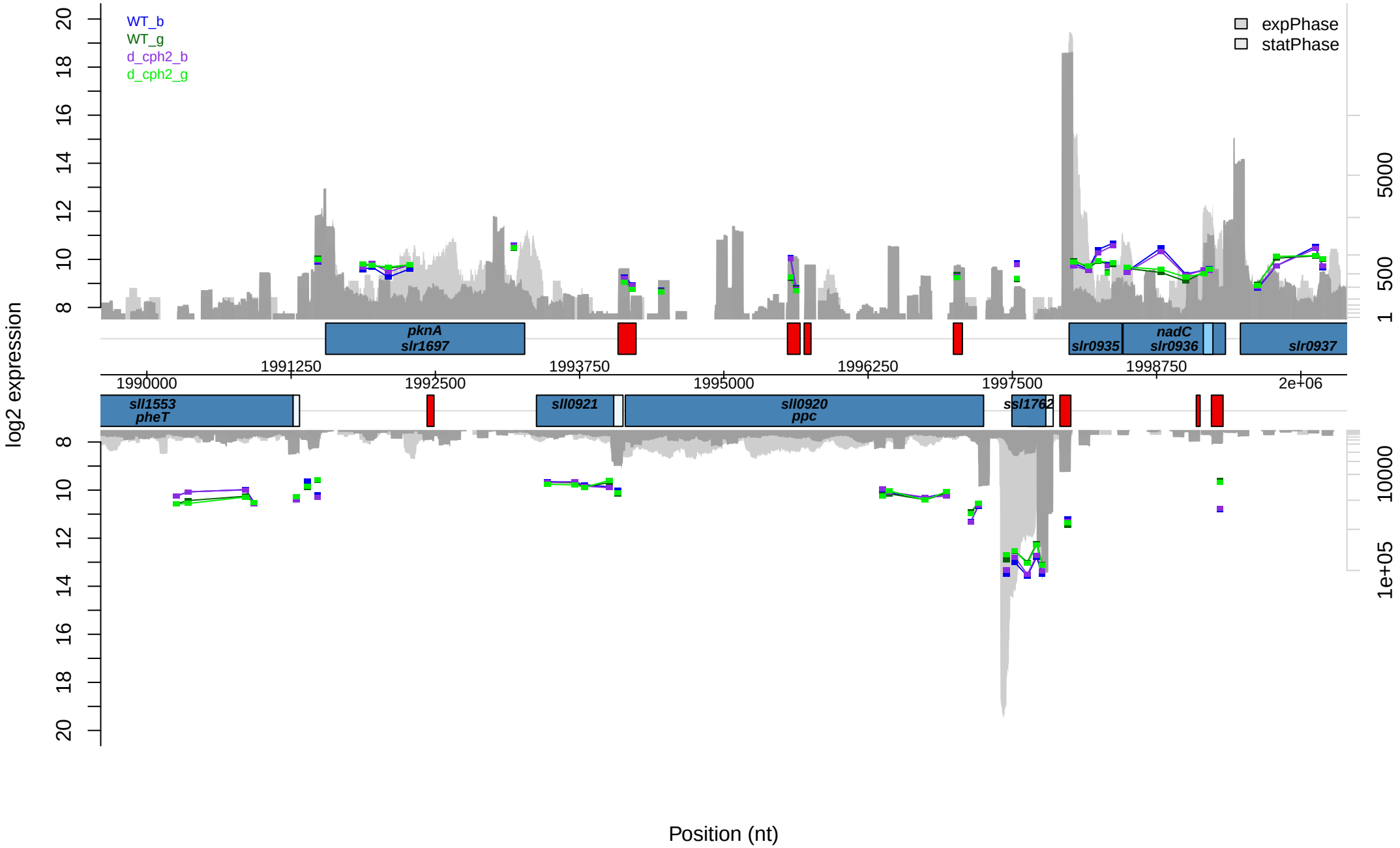

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0900
slr1173
ssr1951
slr1174
ncr0910
SyR49
1940000
1941250
1942500
1943750
1945000
1946250
1947500
1948750
1950000
sll1089
sll1087
sll1086
sll1085
glpD
sll1566
ggpS
ssl3076

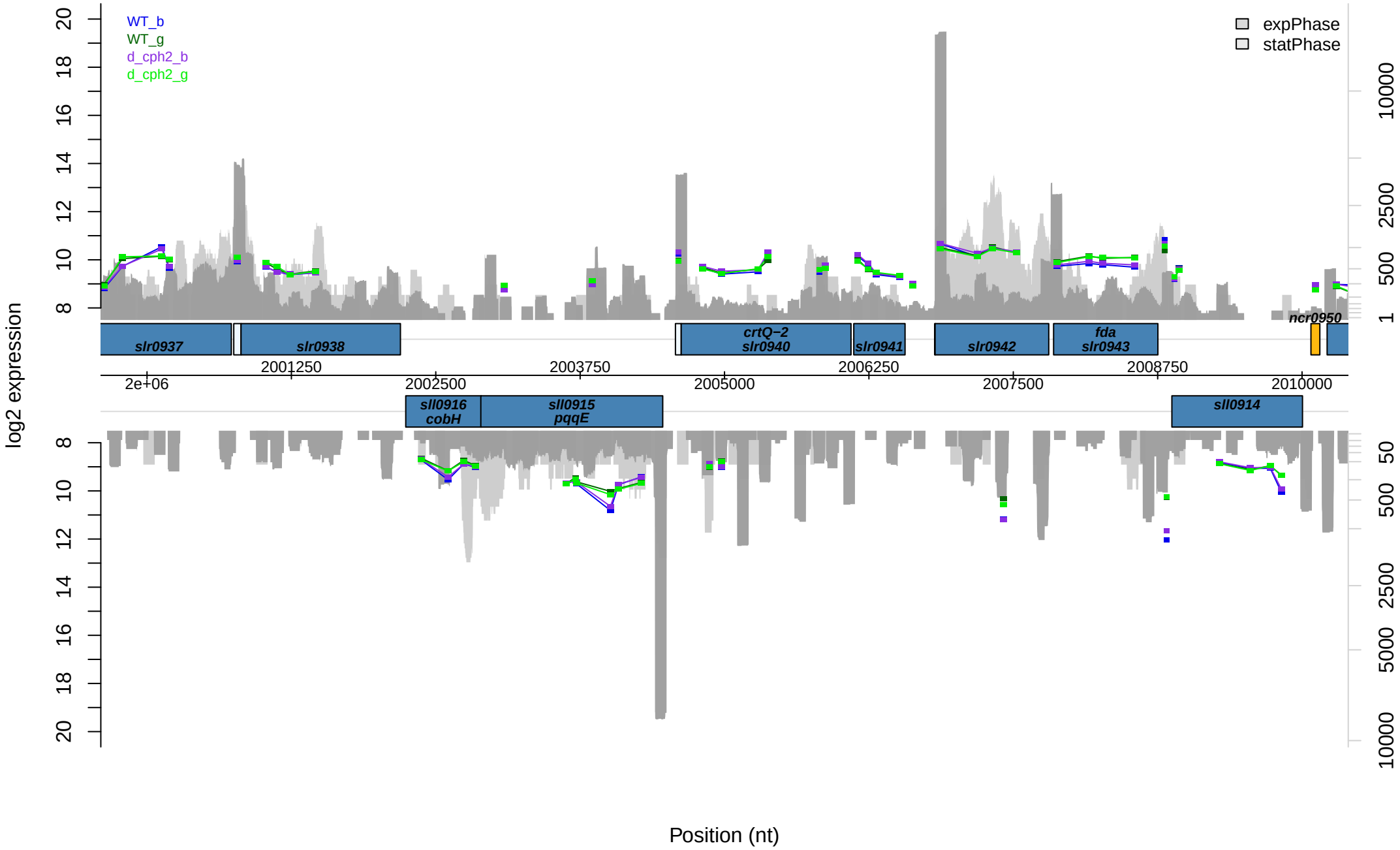

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1670
glpK
slr1672
spoU
slr1673
slr1674
hypA1
slr1675
slr1676
slr1677
ncr0920
rpl21
slr1678
rpl27
ssr2799
slr1679
leuA
1950000
1951250
1952500
1953750
1955000
1956250
1957500
1958750
1960000

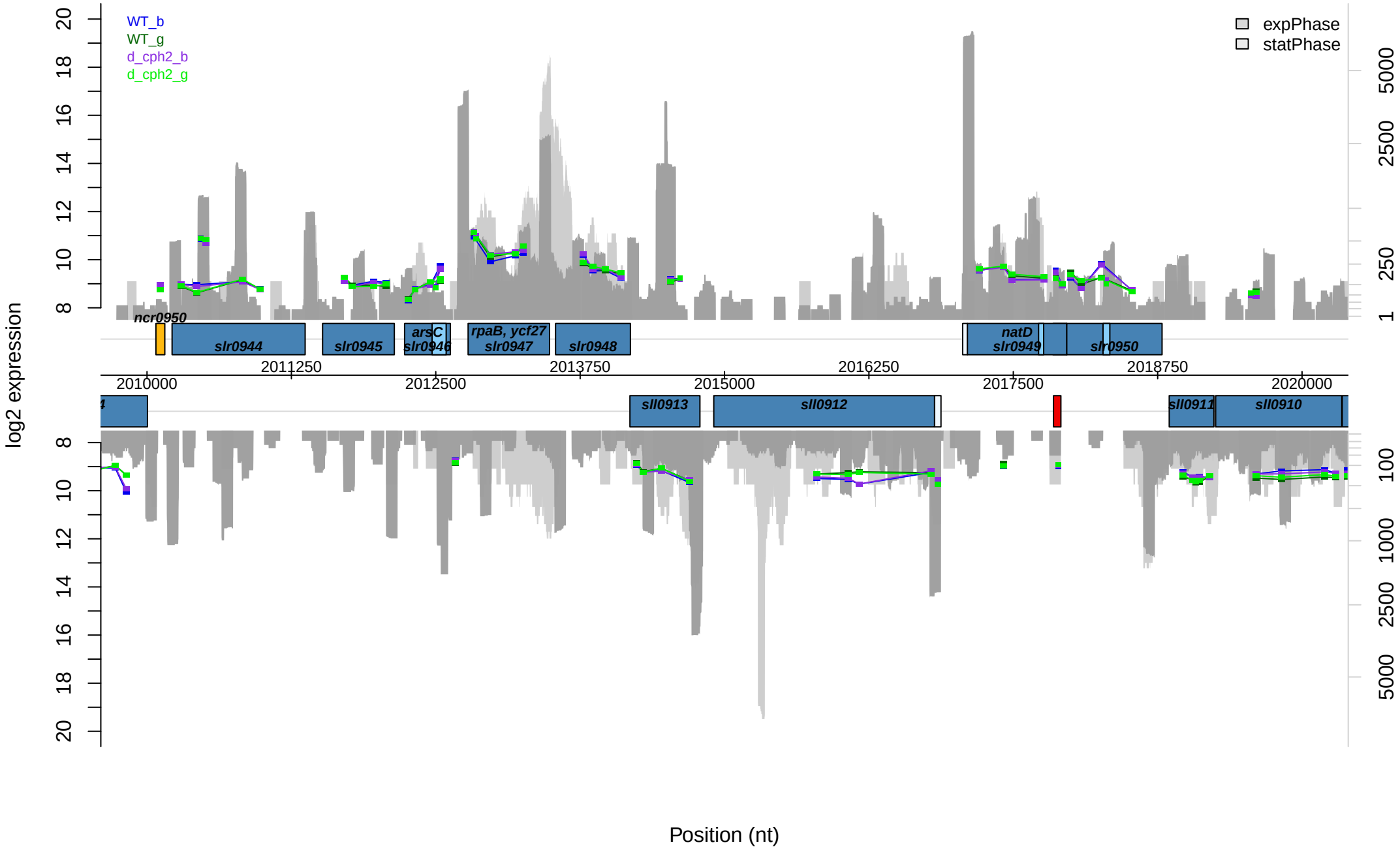

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0930
slr1681
ssr2806
sll1564
leuA
sll1563
sll1562
sll1561
putA
1960000
1961250
1962500
1963750
1965000
1966250
1967500
1968750
1970000

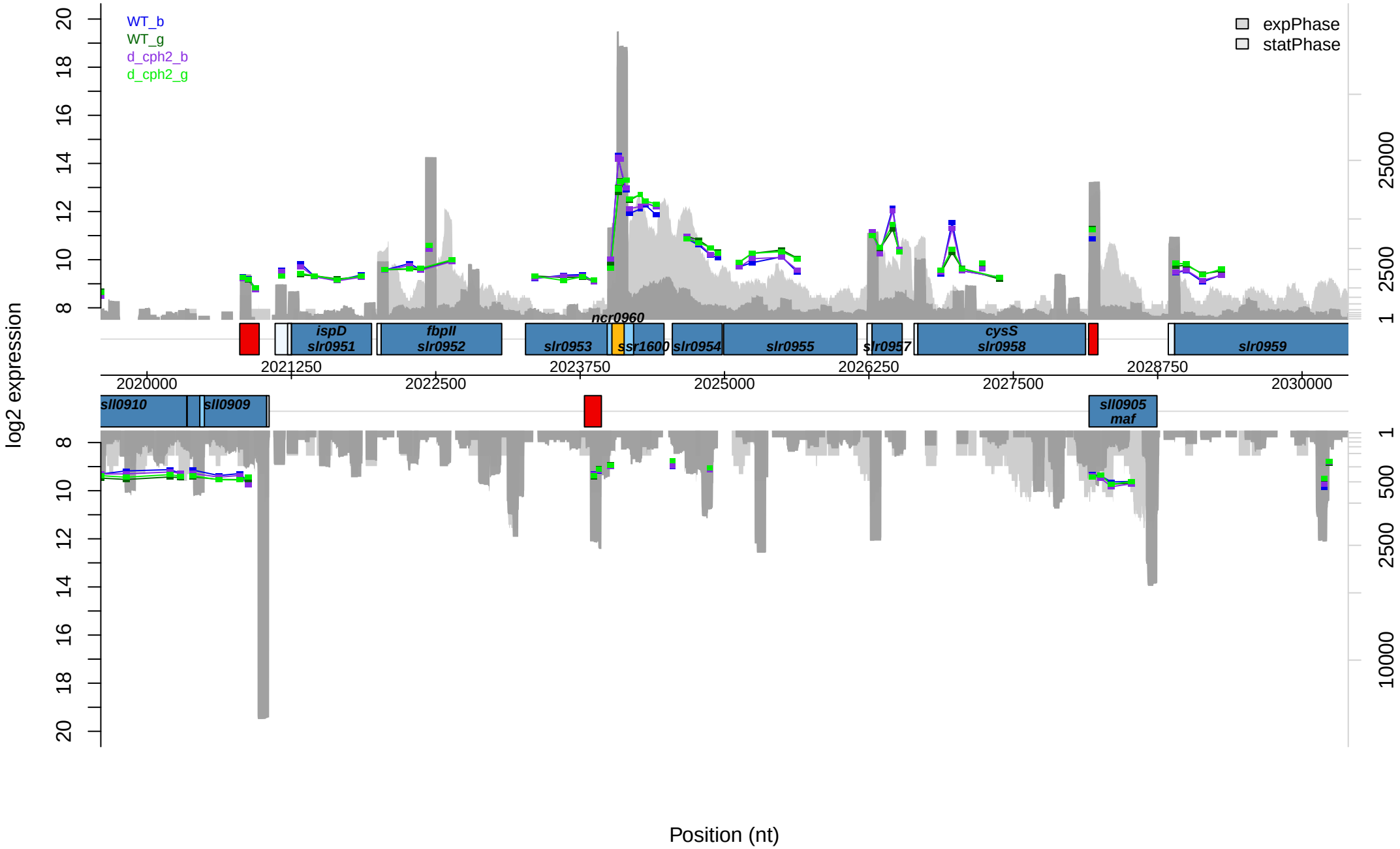

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1681
slr1682
slr1683
slr1684
slr1686
slr1687
sll1560
sll1559
ssl3044
sll1558
sll1557
sucD
sll1556
1970000
1971250
1972500
1973750
1975000
1976250
1977500
1978750
1980000

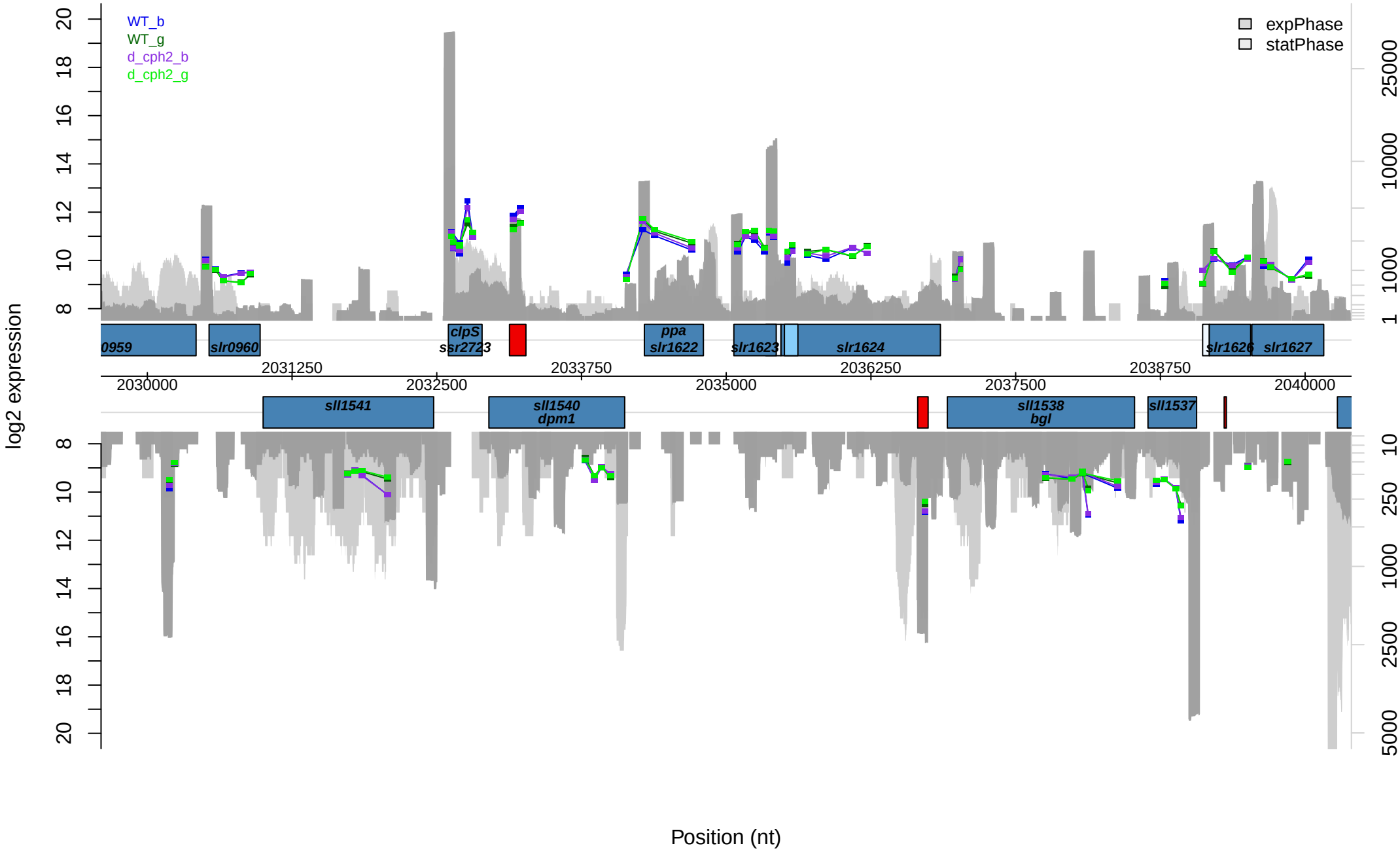

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0940
psaE
ssr2831
fpg
slr1689
slr1690
nadE
slr1691
slr1692
slr1693
slr1694
1980000
1981250
1982500
1983750
1985000
1986250
1987500
1988750
1990000
1556
sll1555
hik42
ncl0980
ncl0990
sll1553
pheT

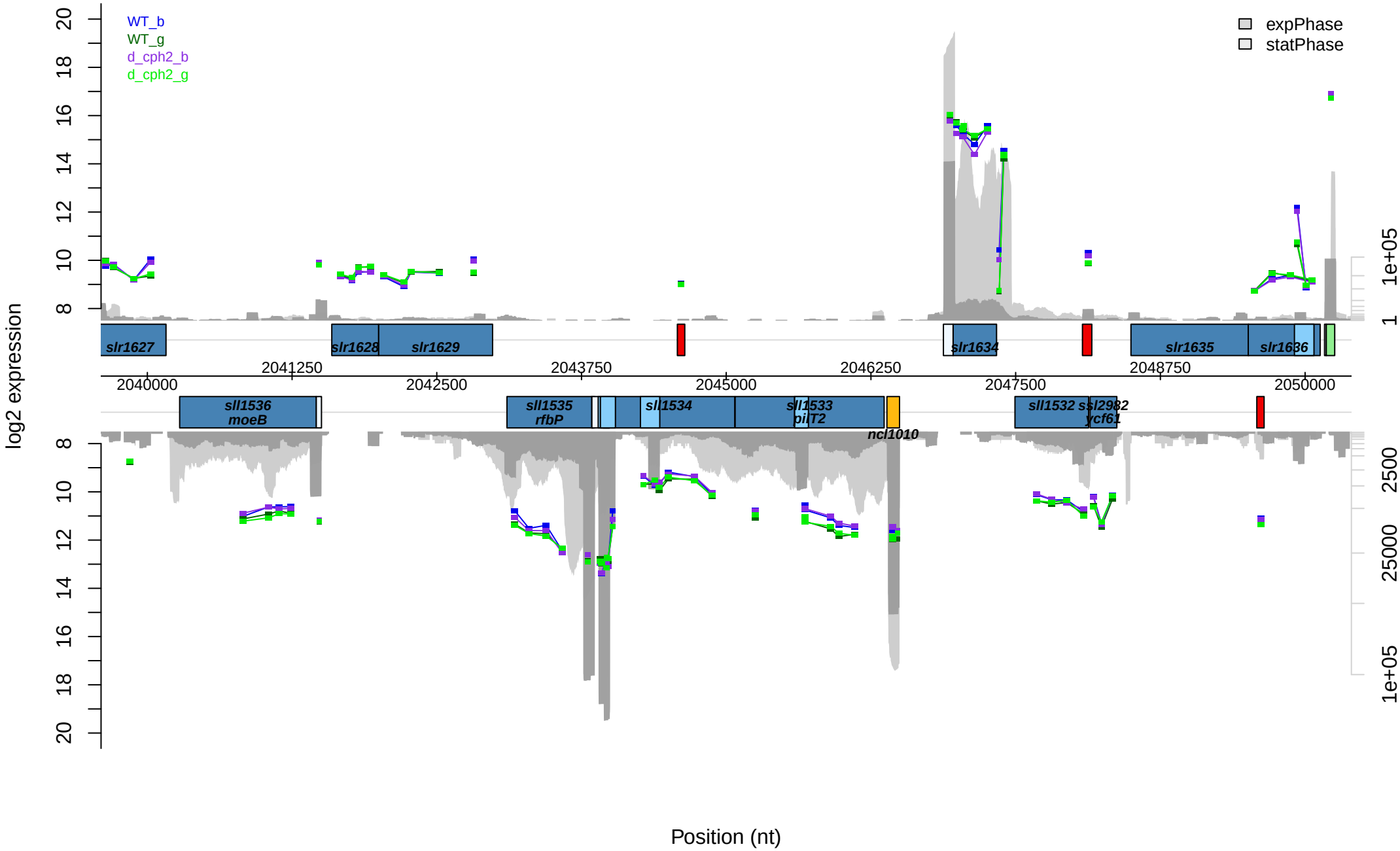

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pknA
slr1697
slr0935
nadC
slr0936
slr0937
sll1553
pheT
sll0921
sll0920
ppc
ssl1762
1990000
1991250
1992500
1993750
1995000
1996250
1997500
1998750
2e+06
8
10
12
14
16
18
20
1
500
5000
10000
1e+05

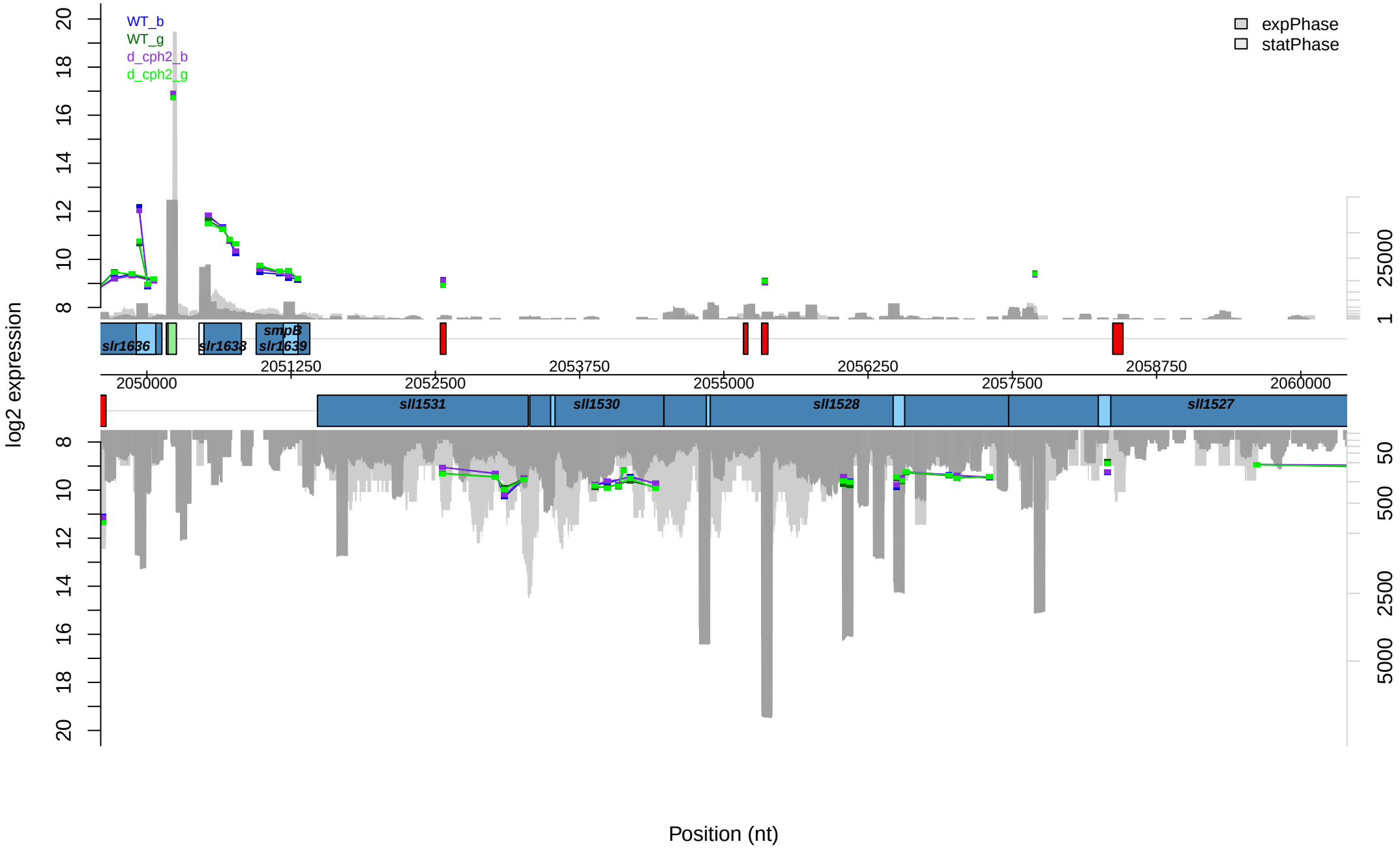

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0937
slr0938
crtQ−2
slr0940
slr0941
slr0942
fda
slr0943
ncr0950
sll0916
cobH
sll0915
pqqE
sll0914
2001250
2003750
2006250
2008750
2e+06
2002500
2005000
2007500
2010000

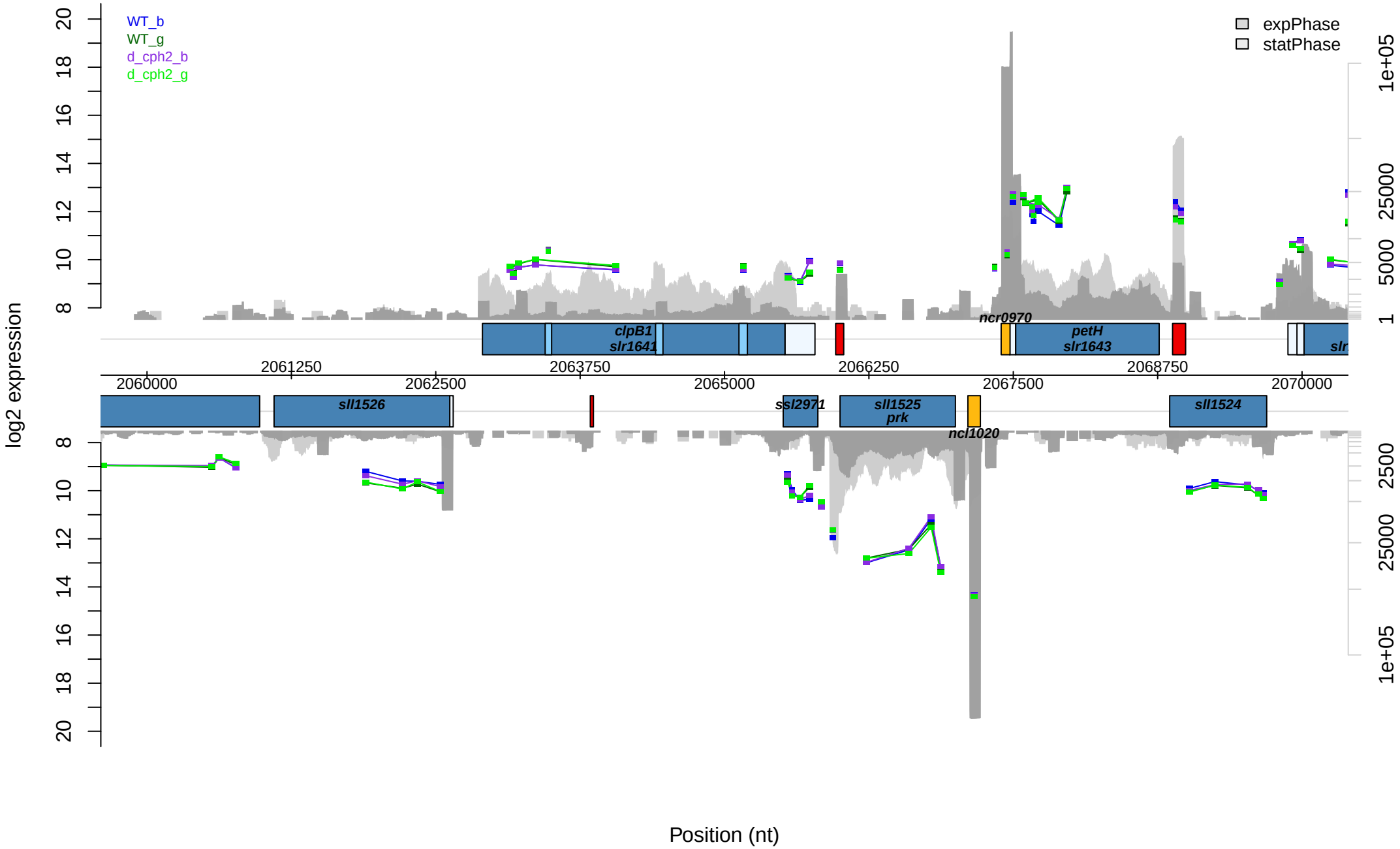

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0950
slr0944
slr0945
arsC
slr0946
rpaB, ycf27
slr0947
slr0948
natD
slr0949
slr0950
sll0913
sll0912
sll0911
sll0910
2010000
2011250
2012500
2013750
2015000
2016250
2017500
2018750
2020000

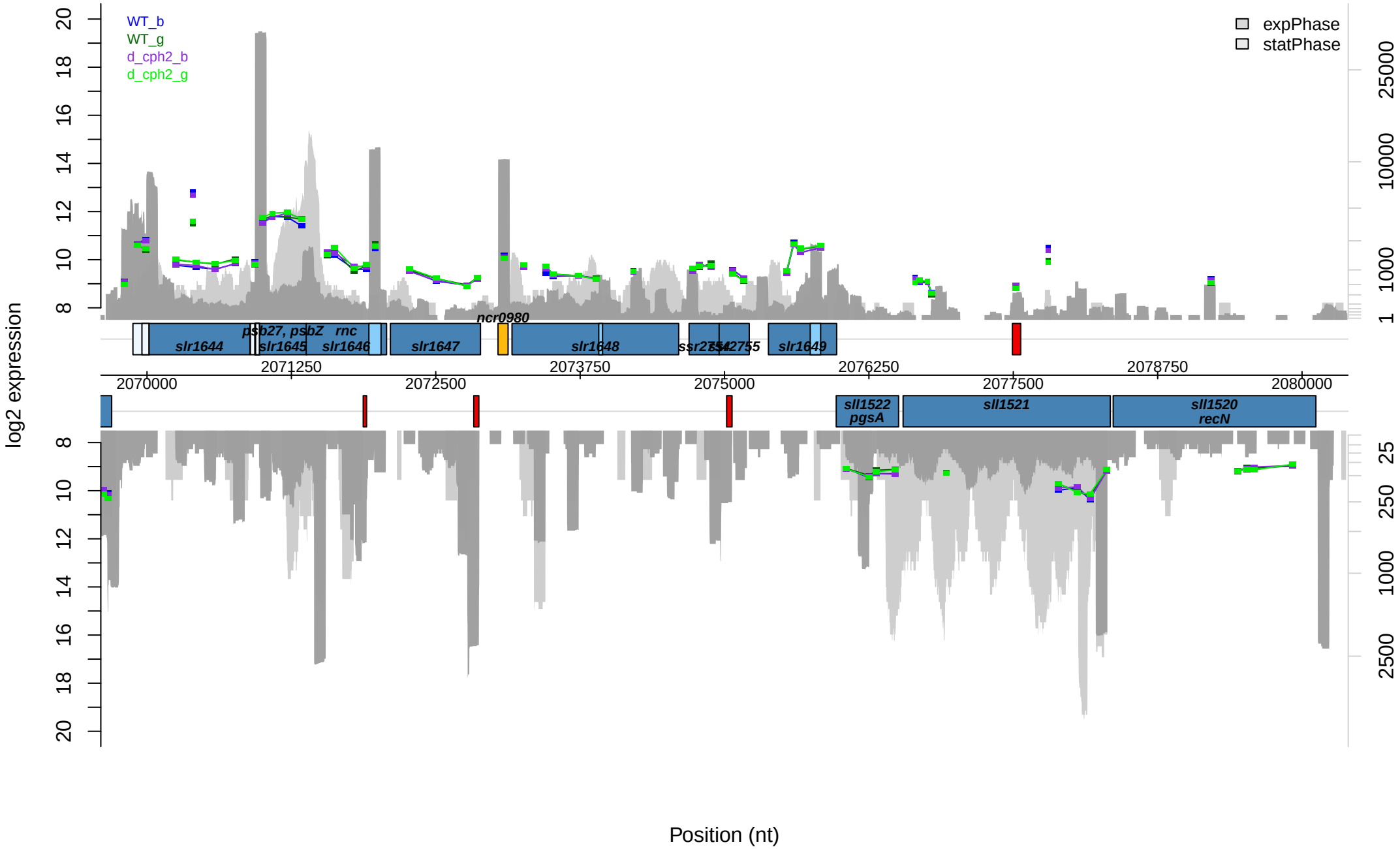

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr0960
ispD
slr0951
fbpII
slr0952
slr0953
ssr1600
slr0954
slr0955
slr0957
cysS
slr0958
slr0959
sll0910
sll0909
sll0905
maf
2020000
2021250
2022500
2023750
2025000
2026250
2027500
2028750
2030000

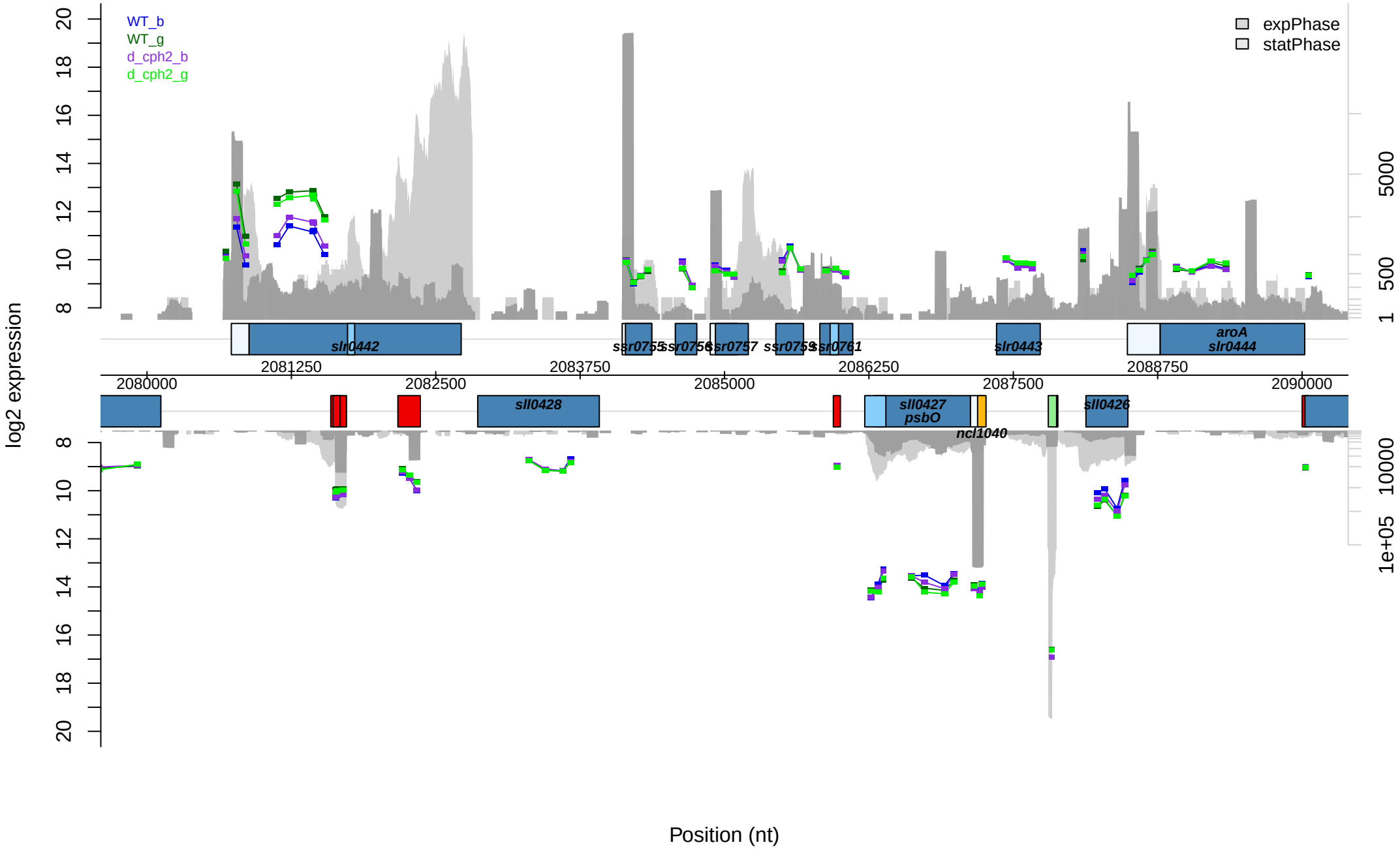

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
0959
slr0960
clpS
ssr2723
ppa
slr1622
slr1623
slr1624
slr1626
slr1627
sll1541
sll1540
dpm1
sll1538
bgl
sll1537
2030000
2031250
2032500
2033750
2035000
2036250
2037500
2038750
2040000

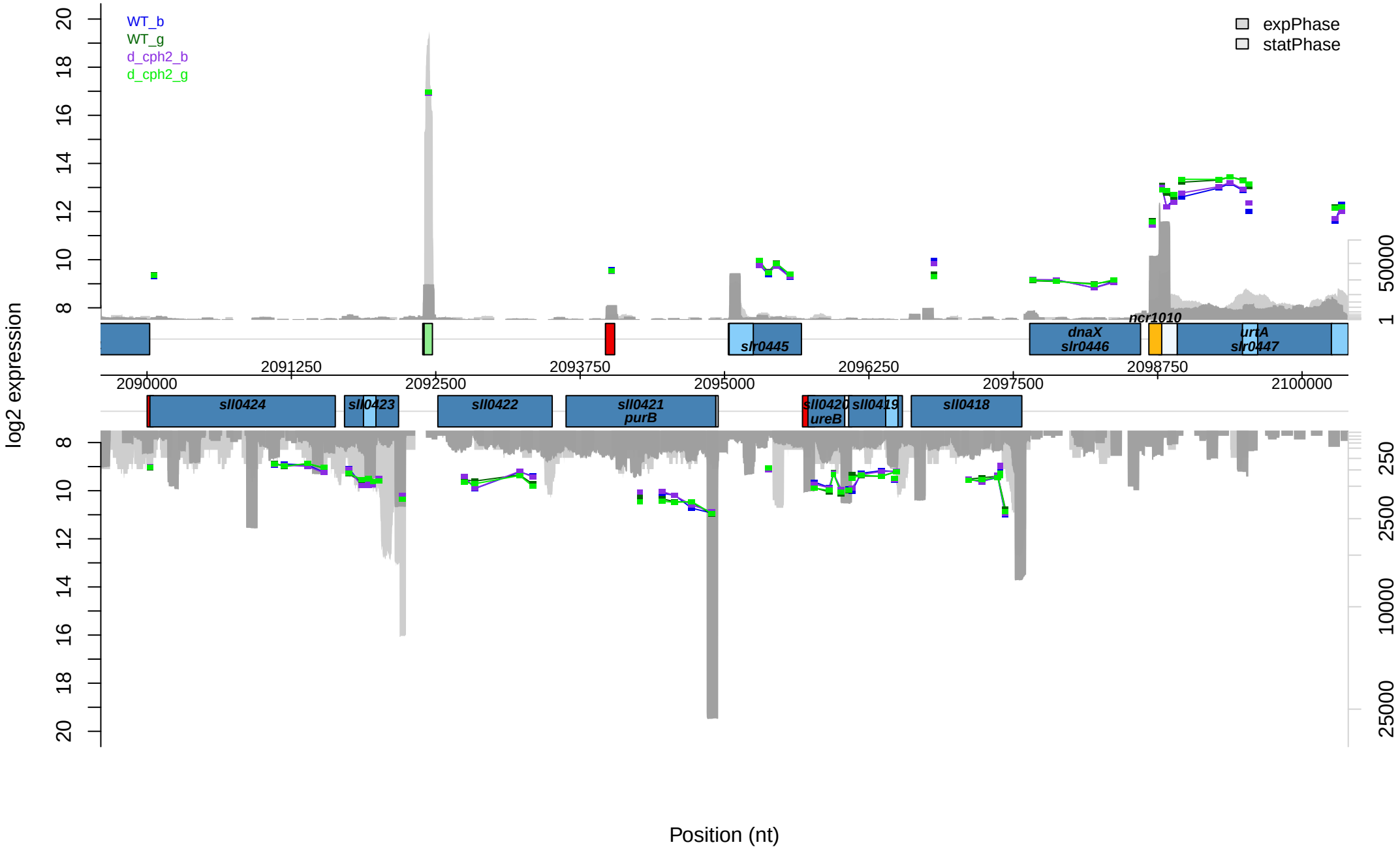

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1627
slr1628
slr1629
slr1634
slr1635
slr1636
sll1536
moeB
sll1535
rfbP
sll1534
sll1533
pilT2
ncl1010
sll1532
ssl2982
ycf61
2040000
2041250
2042500
2043750
2045000
2046250
2047500
2048750
2050000

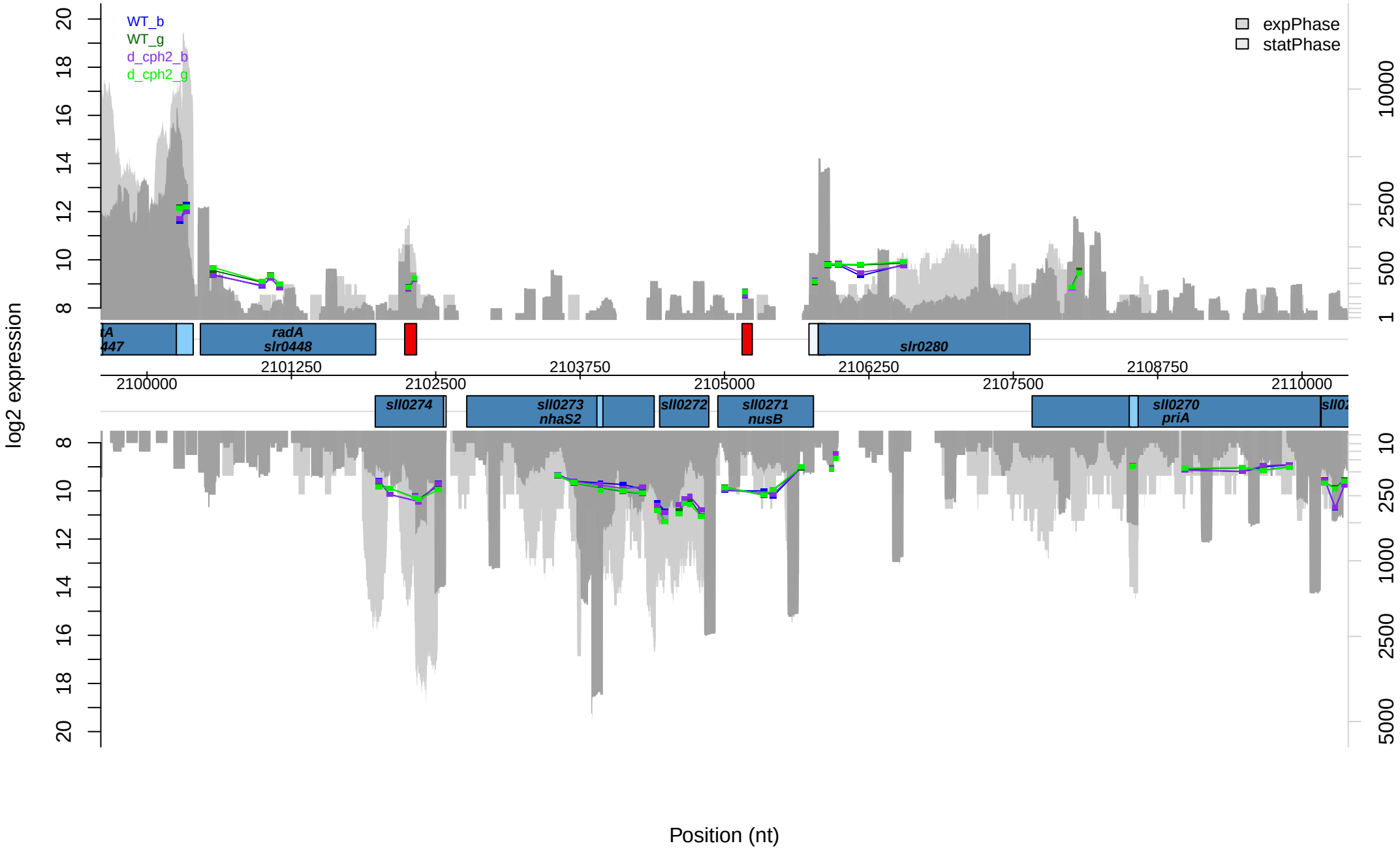

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1636
slr1638
smpB
slr1639
sll1531
sll1530
sll1528
sll1527
2050000
2051250
2052500
2053750
2055000
2056250
2057500
2058750
2060000

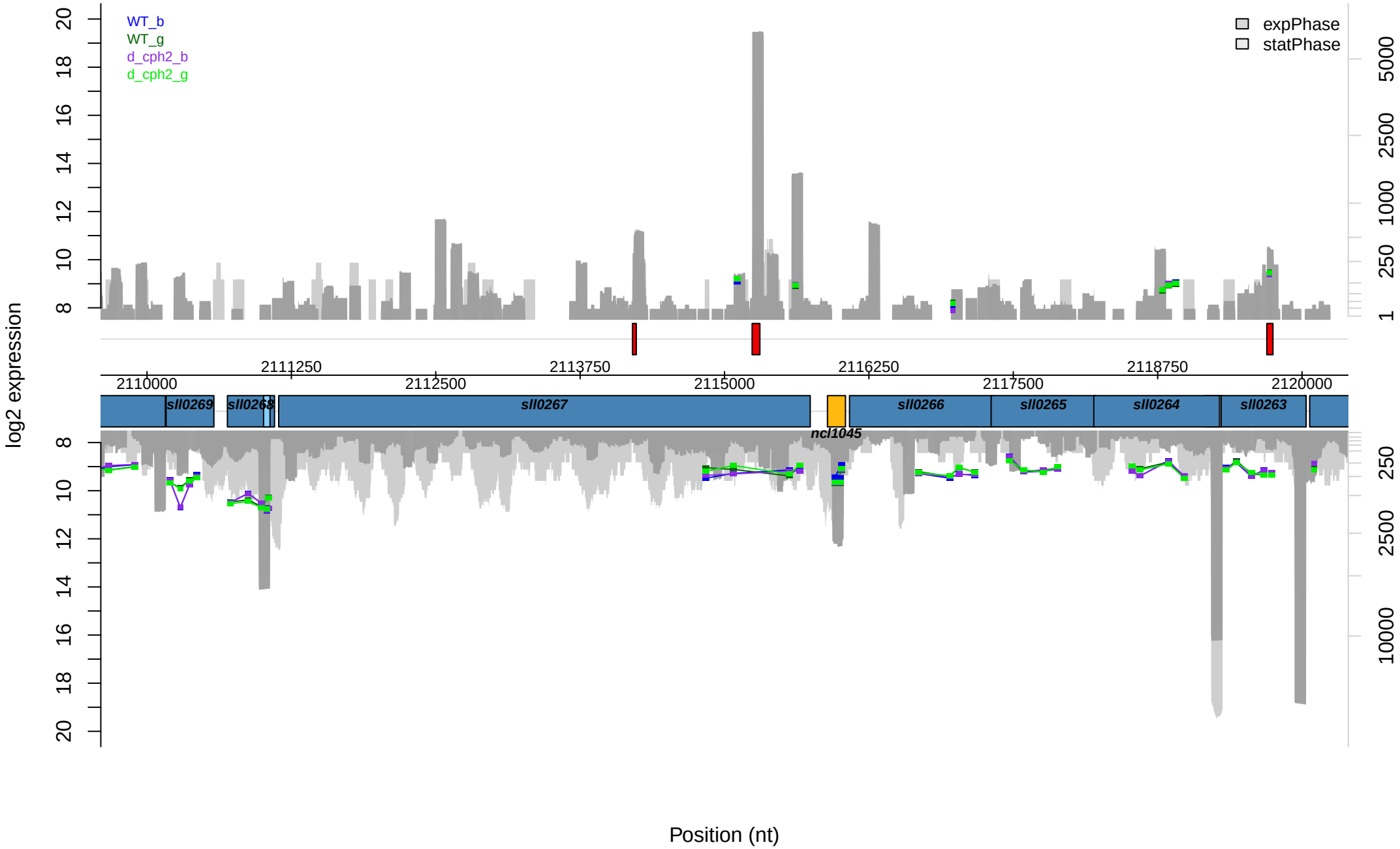

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
5000
25000
1e+05
clpB1
slr1641
ncr0970
petH
slr1643
slr
2060000
2061250
2062500
2063750
2065000
2066250
2067500
2068750
2070000
sll1526
ssl2971
sll1525
prk
ncl1020
sll1524
2500
Position (nt)

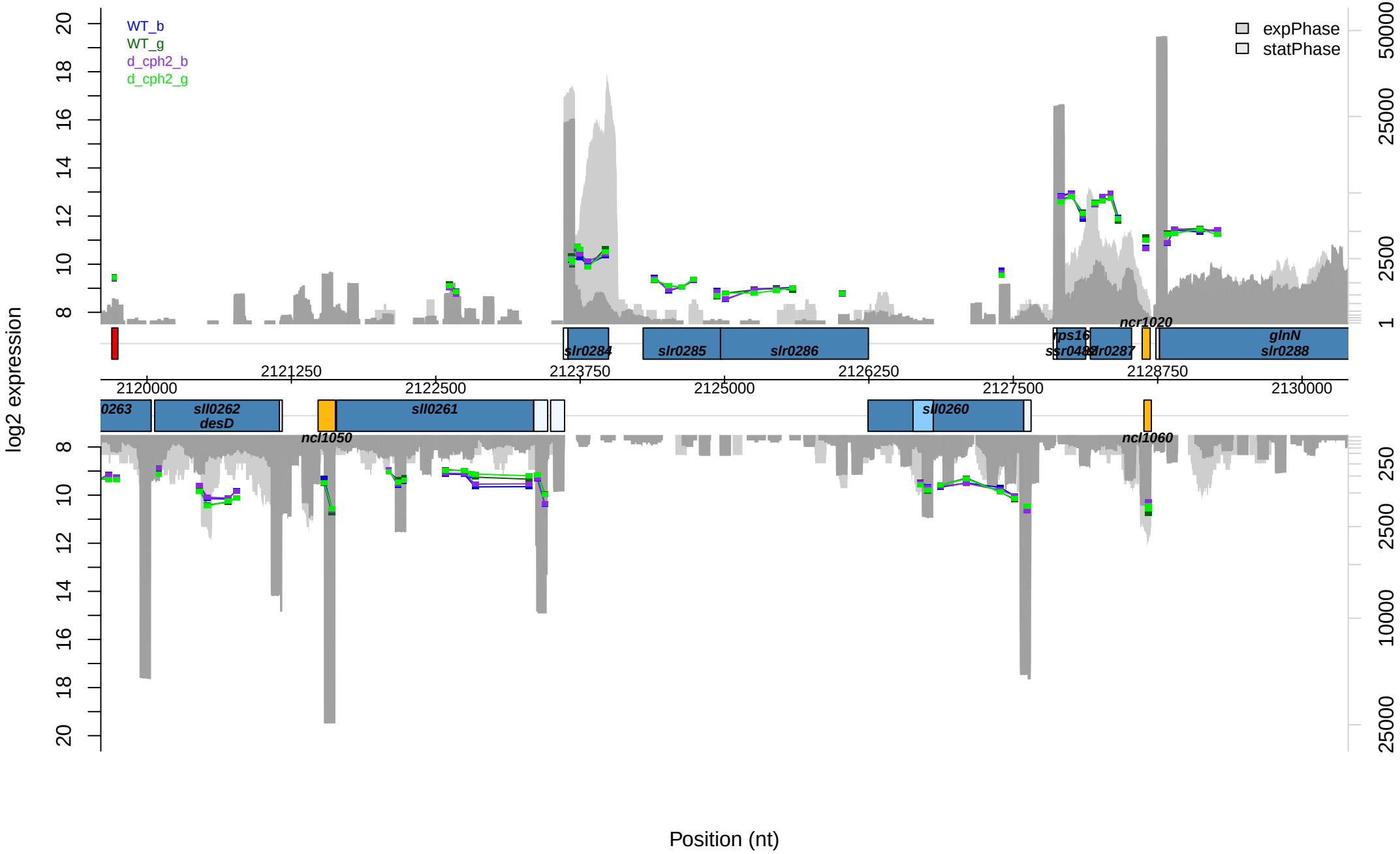

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1644
psb27, psbZ
slr1645
rnc
slr1646
slr1647
ncr0980
slr1648
slr1649
sll1522
pgsA
sll1521
sll1520
recN
2070000
2071250
2072500
2073750
2075000
2076250
2077500
2078750
2080000

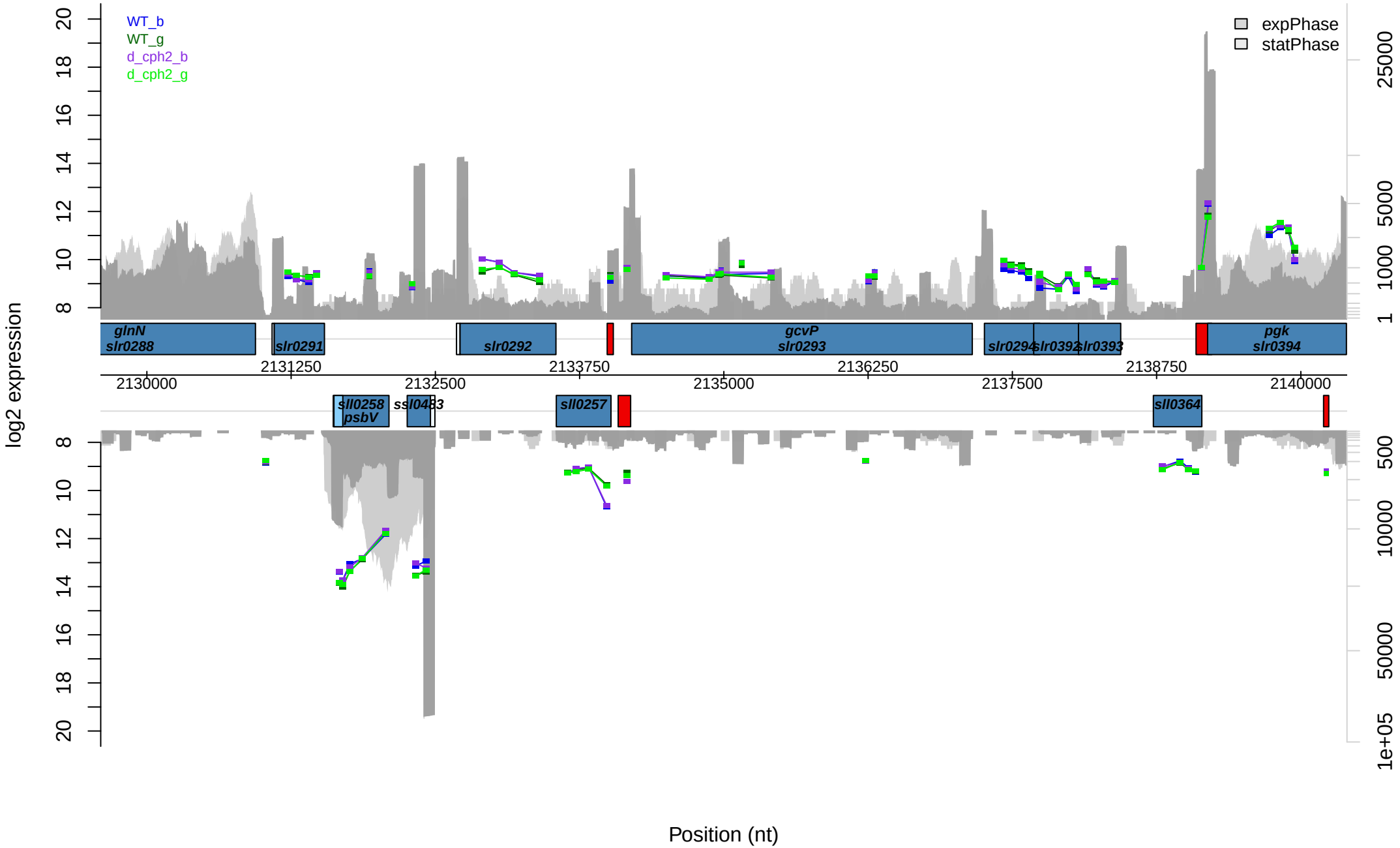

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0442
ssr0755
ssr0756
ssr0757
ssr0759
ssr0761
slr0443
aroA
slr0444
sll0428
sll0427
psbO
ncl1040
sll0426
2080000
2081250
2082500
2083750
2085000
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2087500
2088750
2090000

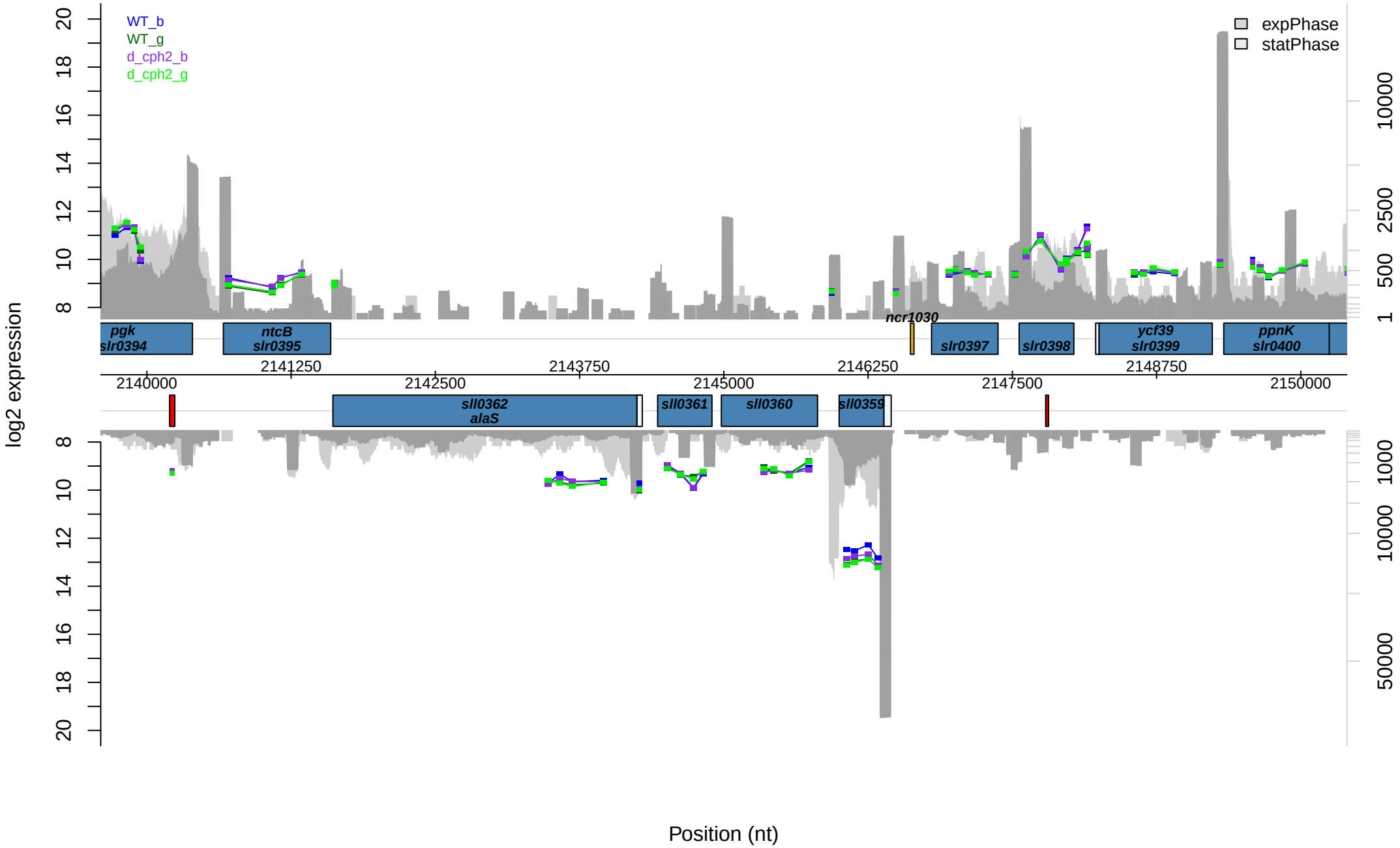

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1010
dnaX
slr0446
urtA
slr0447
slr0445
sll0424
sll0423
sll0422
sll0421
purB
sll0420
ureB
sll0419
sll0418
2090000
2091250
2092500
2093750
2095000
2096250
2097500
2098750
2100000

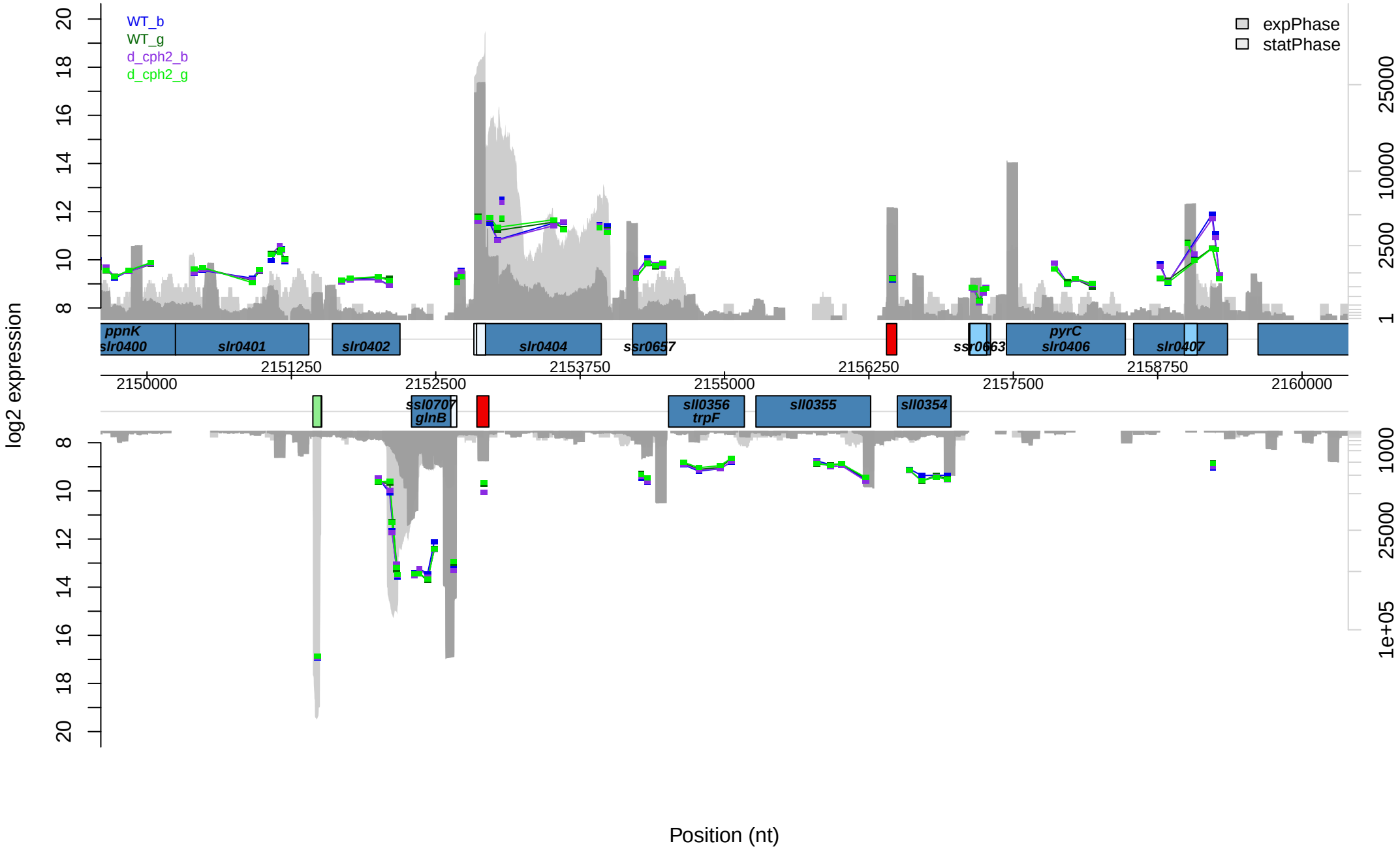

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
radA
slr0448
slr0280
sll0274
sll0273
nhaS2
sll0272
sll0271
nusB
sll0270
priA
2100000
2101250
2102500
2103750
2105000
2106250
2107500
2108750
2110000

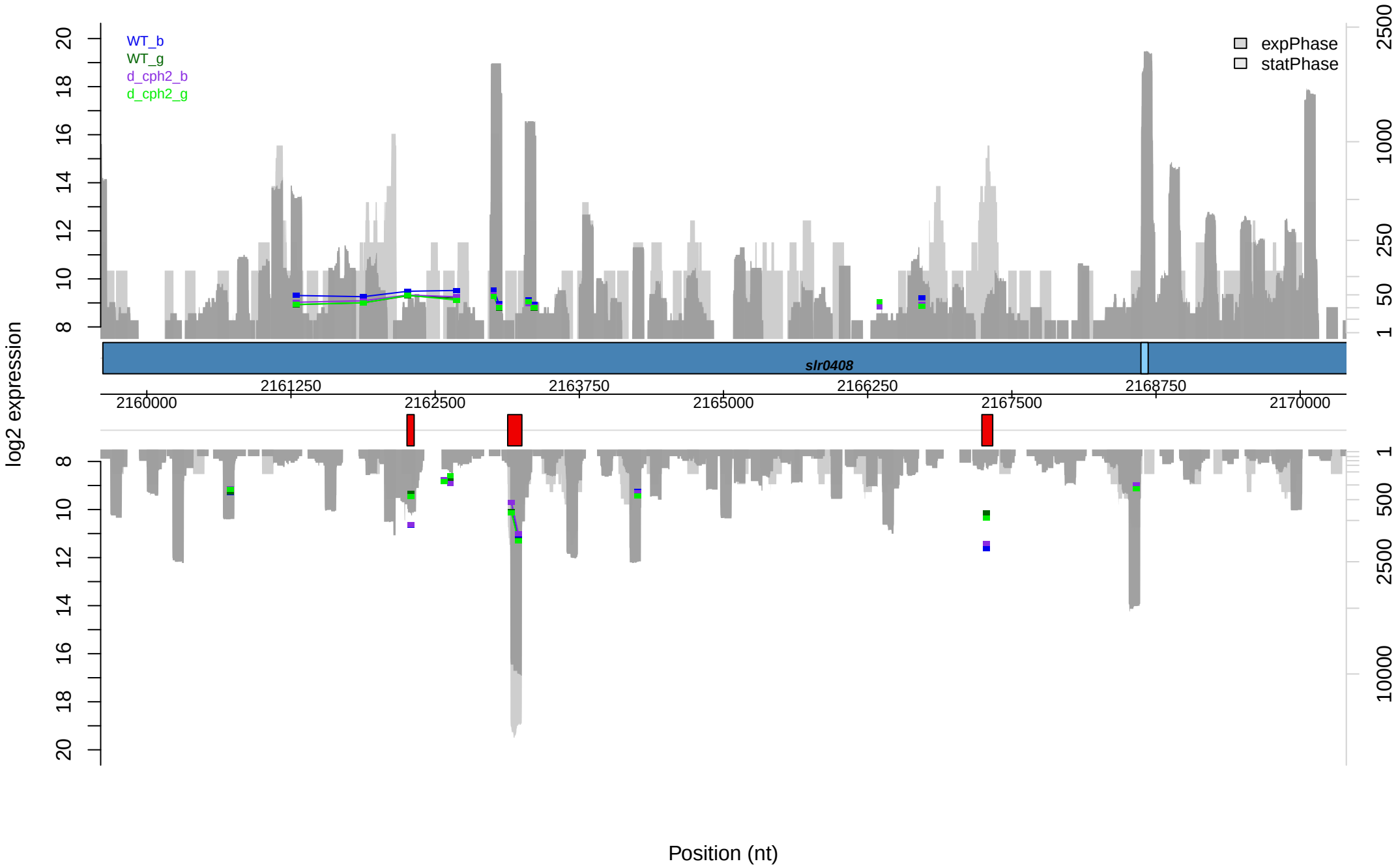

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
2110000
2111250
2112500
2113750
2115000
2116250
2117500
2118750
2120000
sll0269
sll0268
sll0267
ncl1045
sll0266
sll0265
sll0264
sll0263

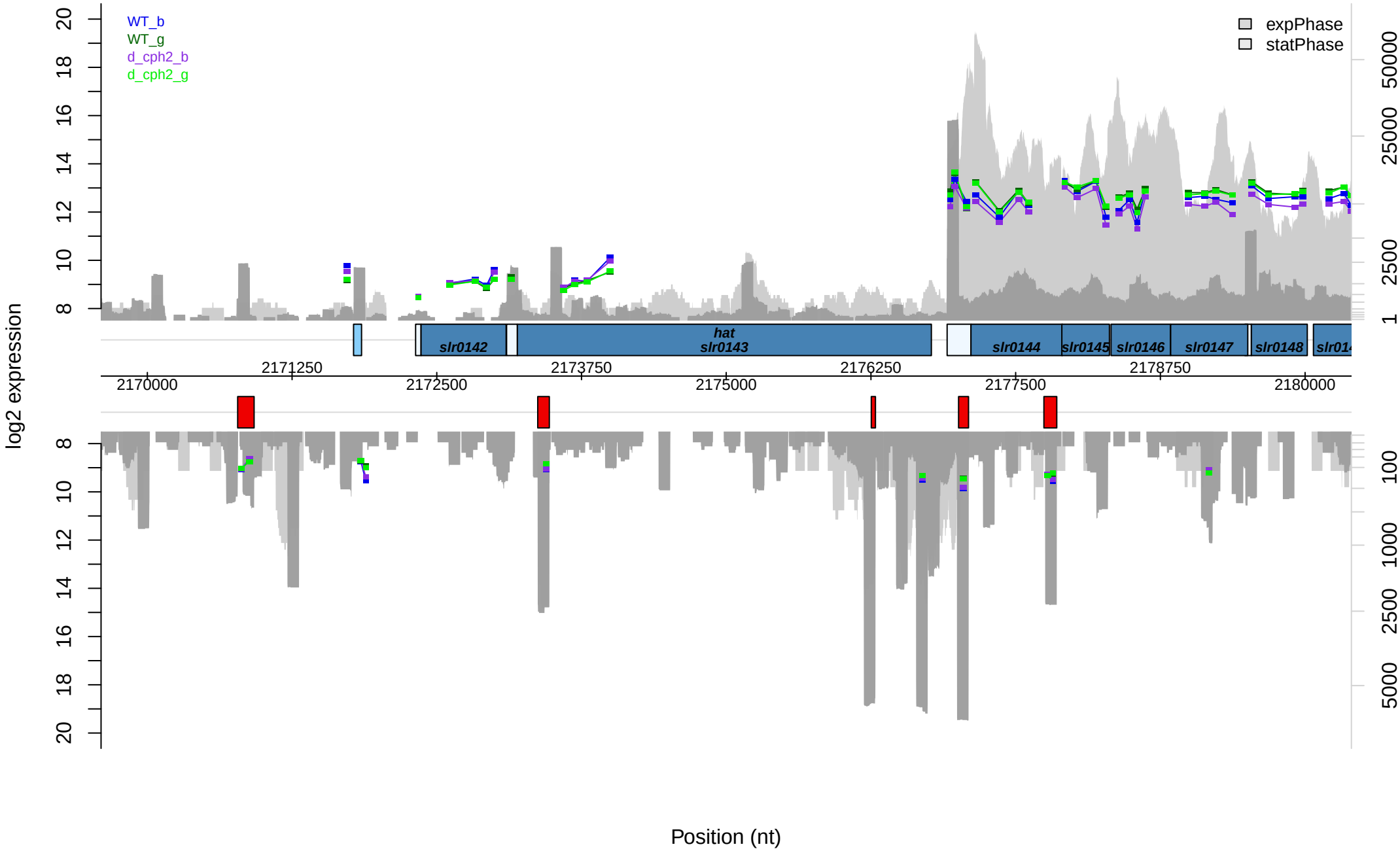

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0284
slr0285
slr0286
ncr1020
slr0287
glnN
slr0288
sll0262
desD
sll0261
ncl1050
sll0260
ncl1060
2120000
2121250
2122500
2123750
2125000
2126250
2127500
2128750
2130000

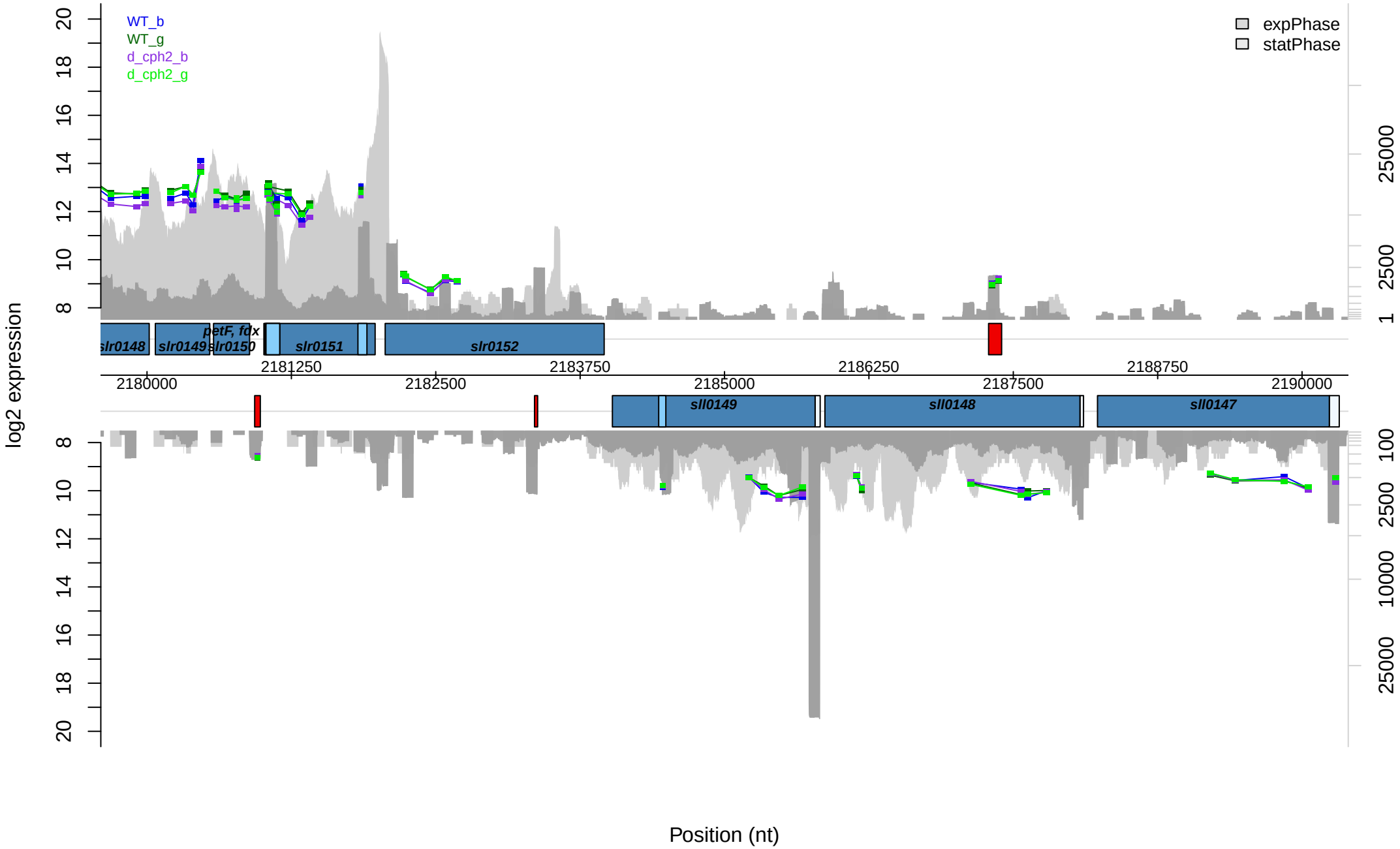

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
glnN
slr0288
slr0291
slr0292
gcvP
slr0293
slr0294
slr0392
slr0393
pgk
slr0394
sll0258
psbV
ssl0483
sll0257
sll0364
2130000
2131250
2132500
2133750
2135000
2136250
2137500
2138750
2140000

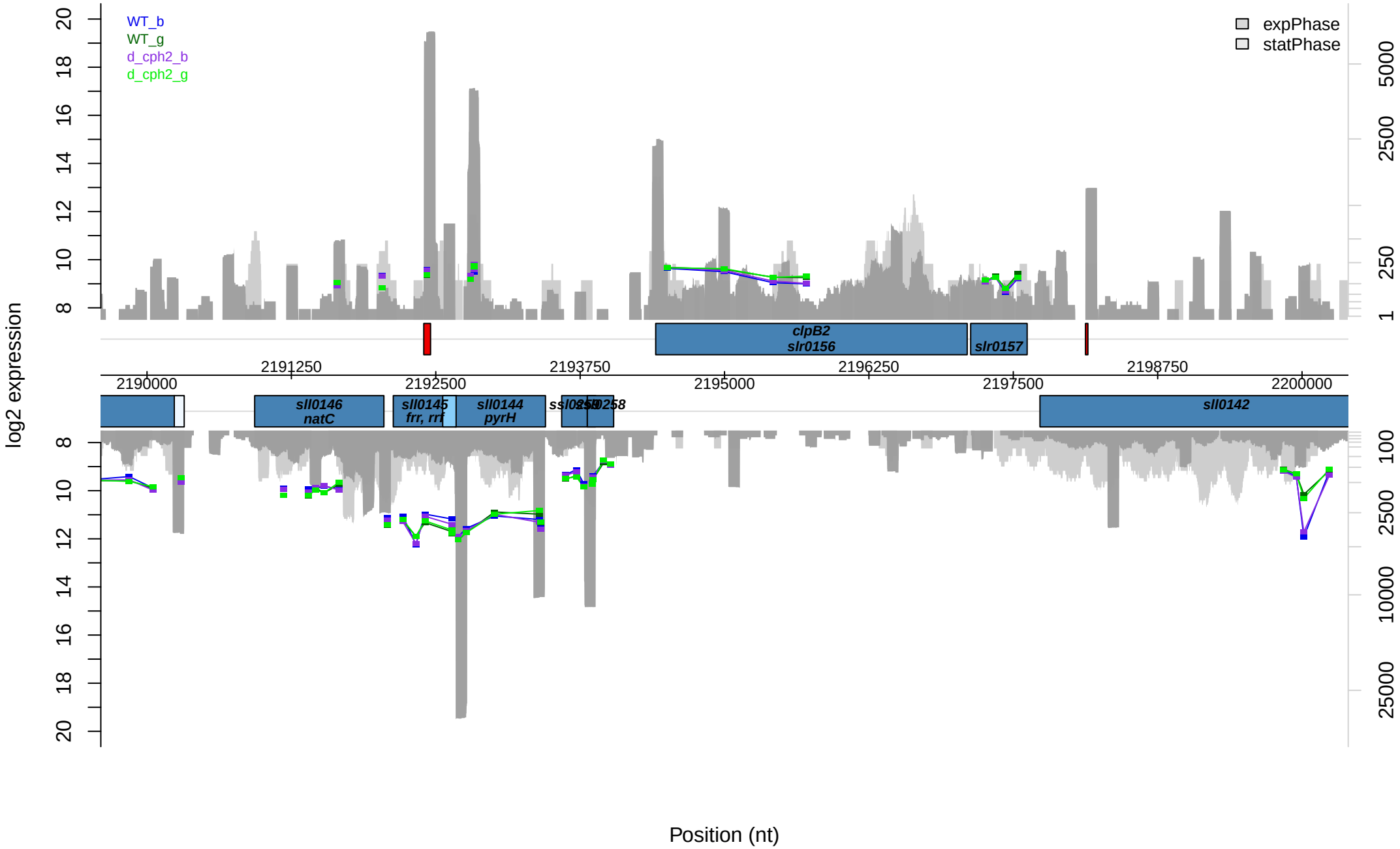

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pgk
slr0394
ntcB
slr0395
ncr1030
slr0397
slr0398
ycf39
slr0399
ppnK
slr0400
sll0362
alaS
sll0361
sll0360
sll0359
2140000
2141250
2142500
2143750
2145000
2146250
2147500
2148750
2150000

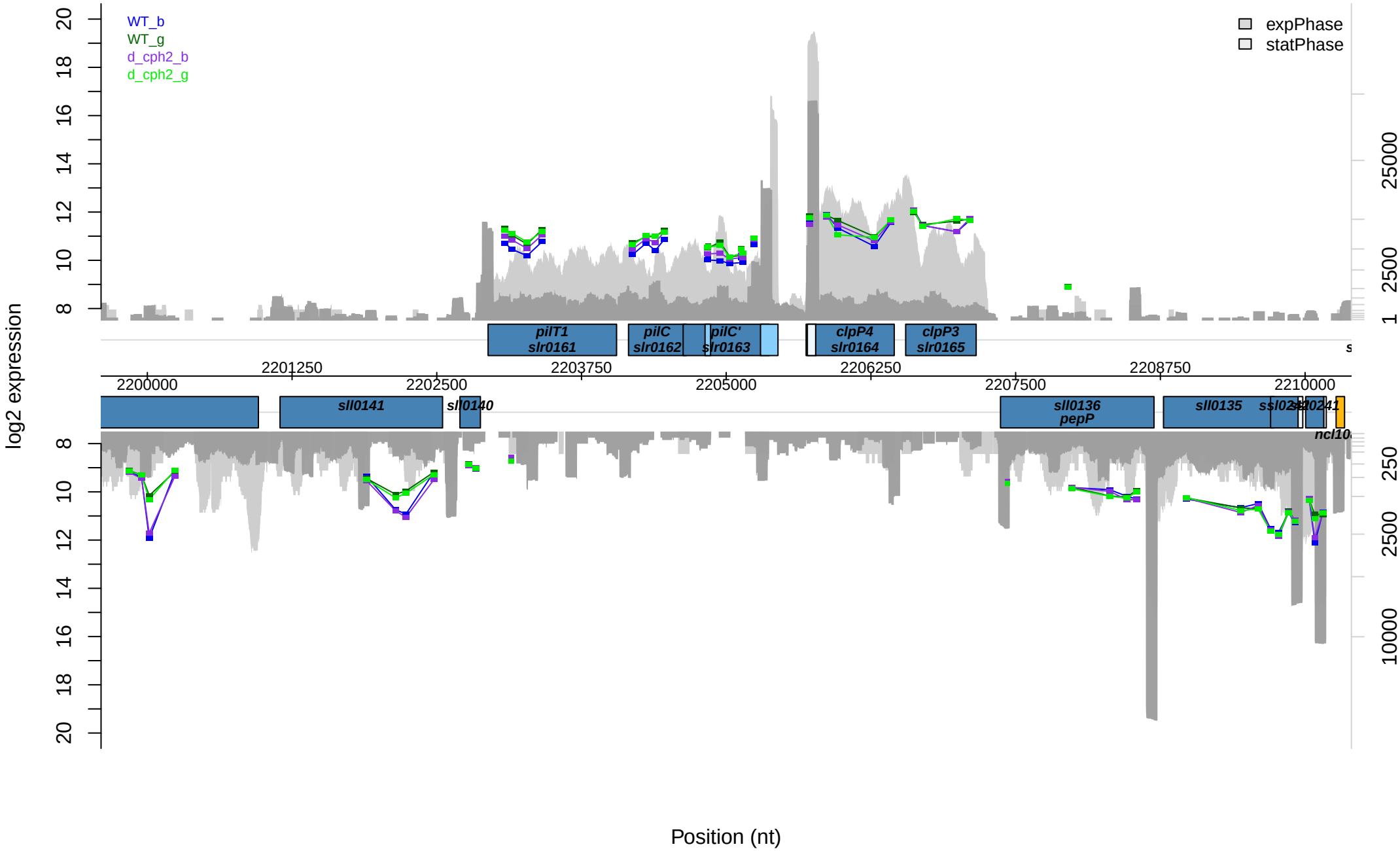

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ppnK
slr0400
slr0401
slr0402
slr0404
ssr0657
ssr0663
pyrC
slr0406
slr0407
ssl0707
glnB
sll0356
trpF
sll0355
sll0354
2150000
2151250
2152500
2153750
2155000
2156250
2157500
2158750
2160000

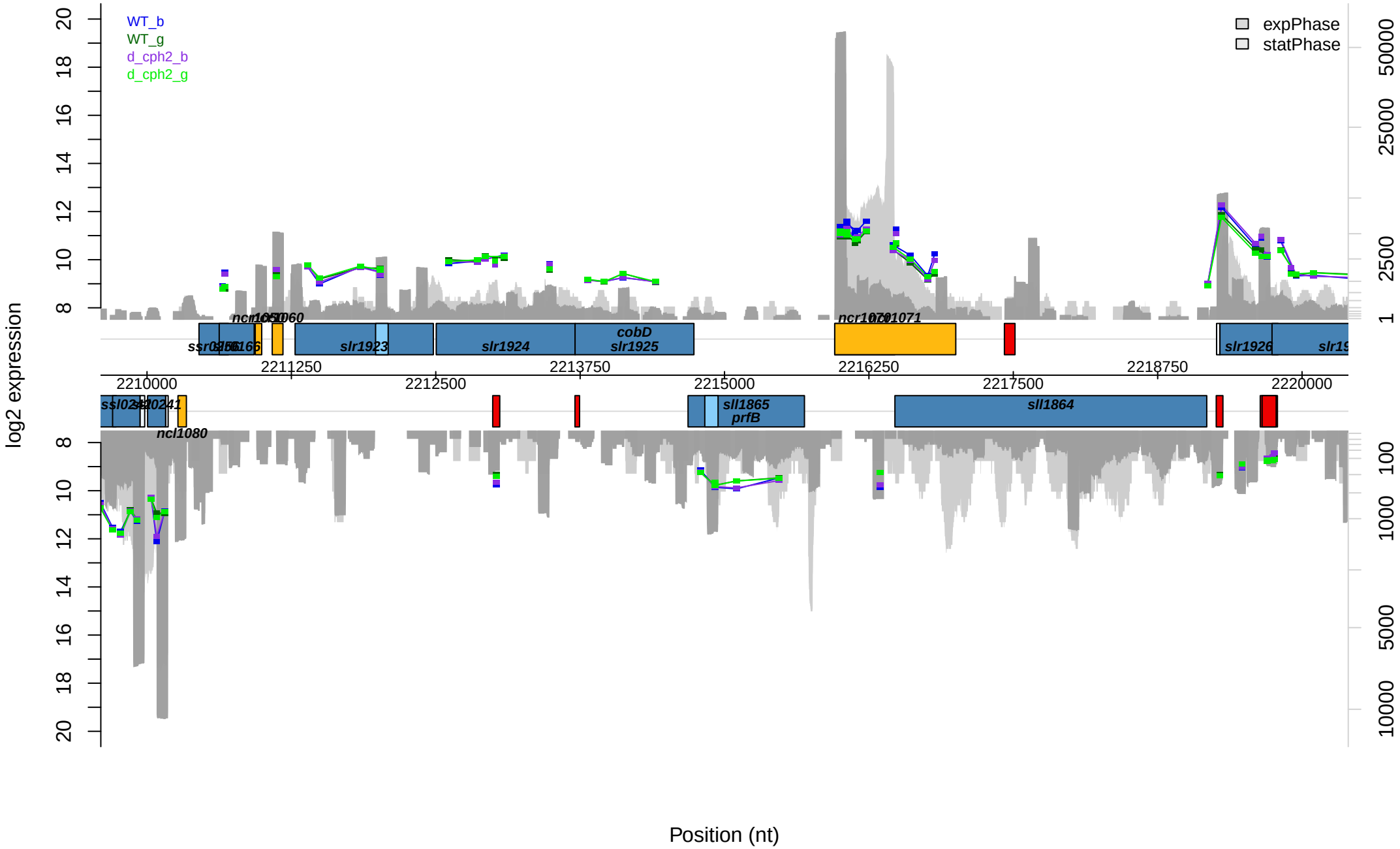

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
slr0408
2160000
2161250
2162500
2163750
2165000
2166250
2167500
2168750
2170000
Position (nt)

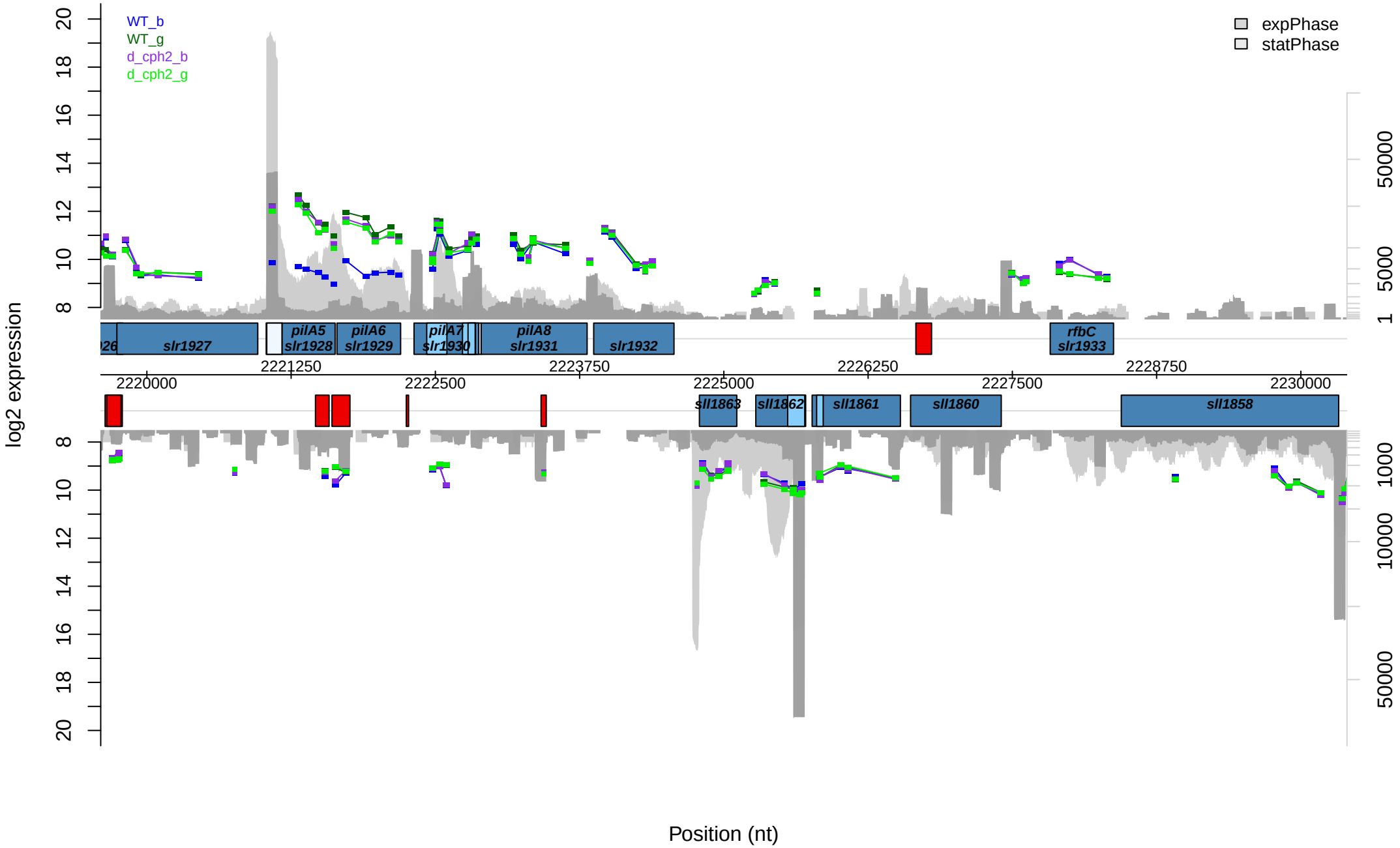

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0142
hat
slr0143
slr0144
slr0145
slr0146
slr0147
slr0148
2170000
2171250
2172500
2173750
2175000
2176250
2177500
2178750
2180000

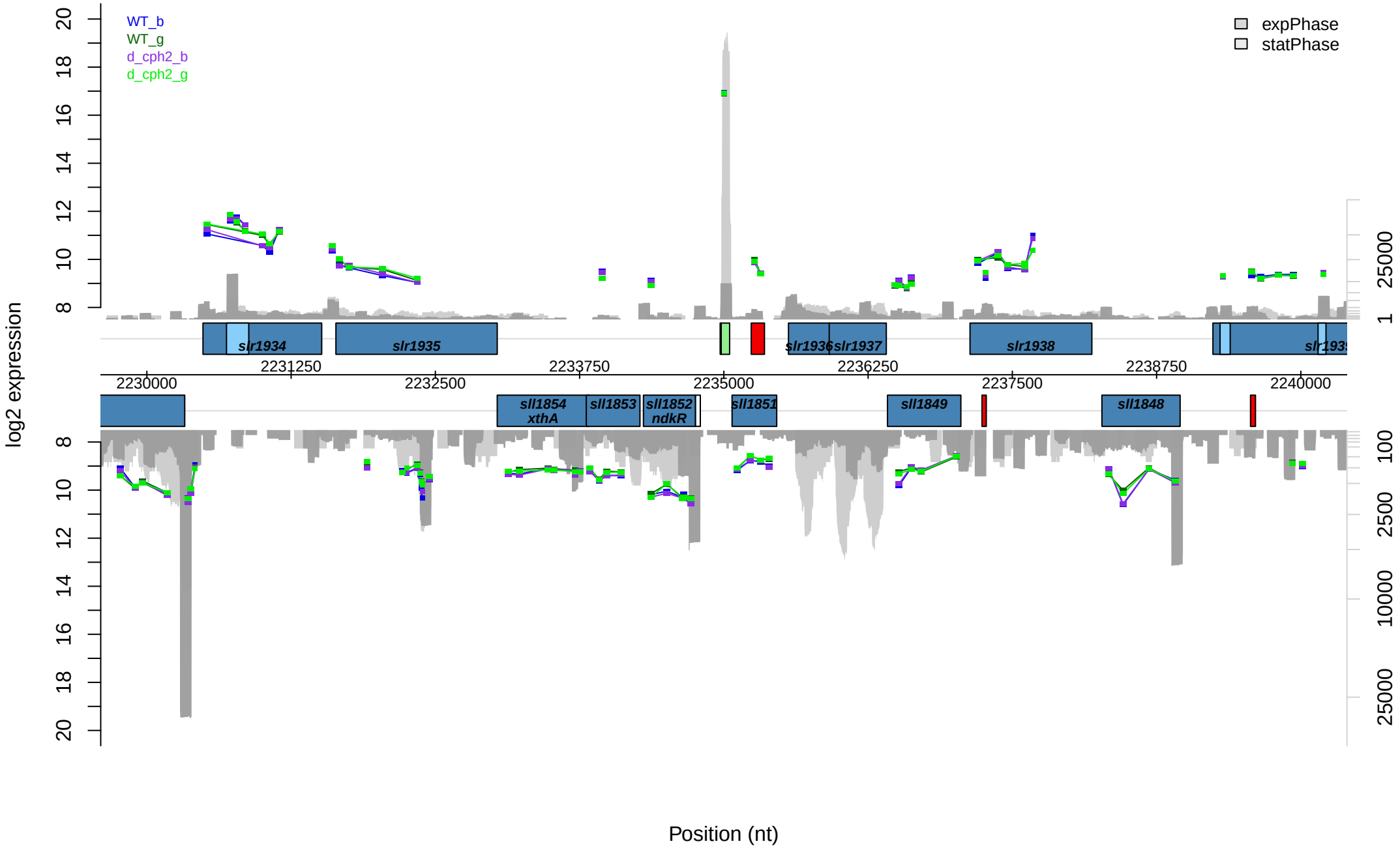

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0148
slr0149
petF, fdx
slr0150
slr0151
slr0152
sll0149
sll0148
sll0147
2180000
2181250
2182500
2183750
2185000
2186250
2187500
2188750
2190000

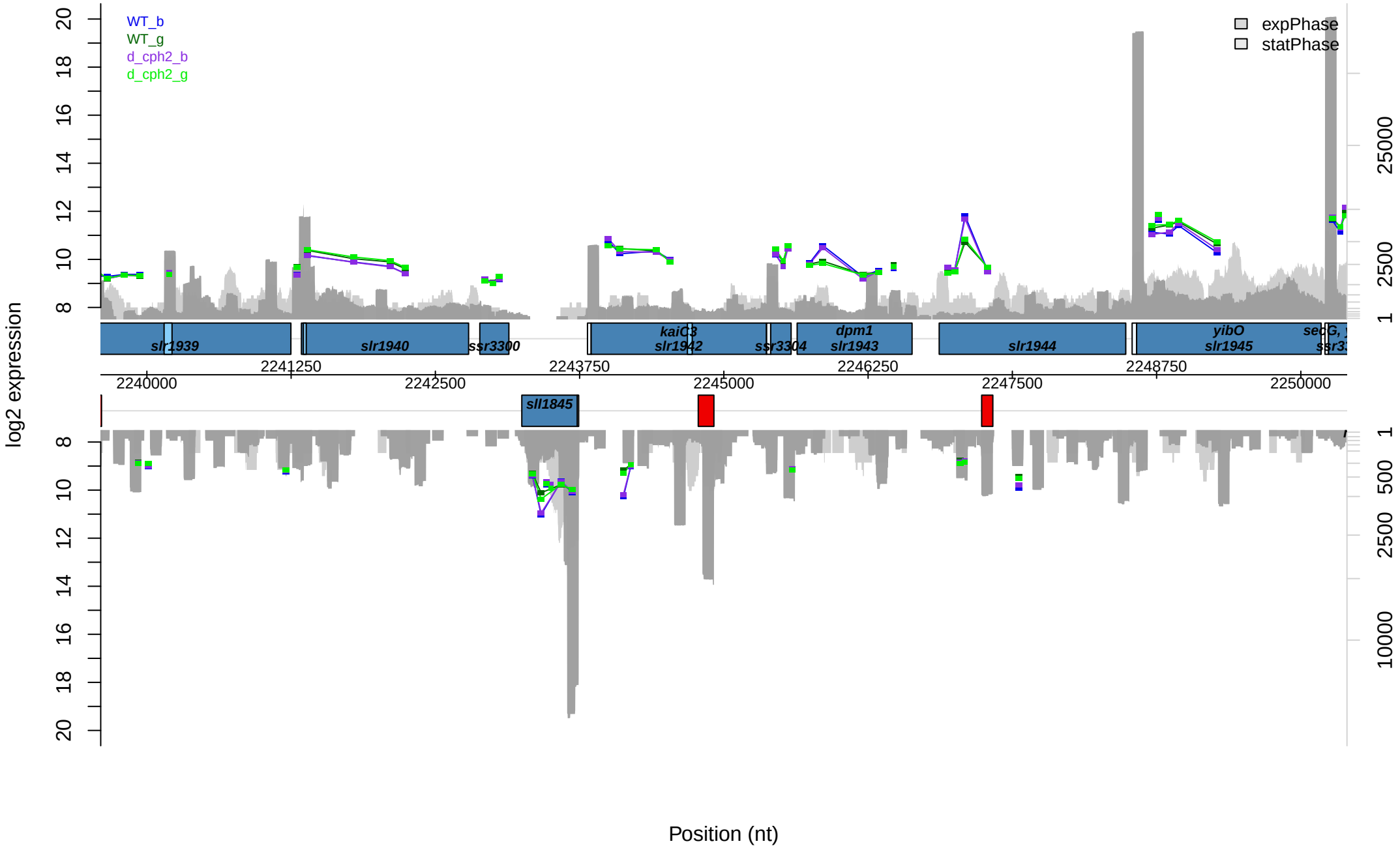

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
clpB2
slr0156
slr0157
sll0146
natC
sll0145
frr, rrf
sll0144
pyrH
sll0142
2190000
2191250
2192500
2193750
2195000
2196250
2197500
2198750
2200000
Position (nt)

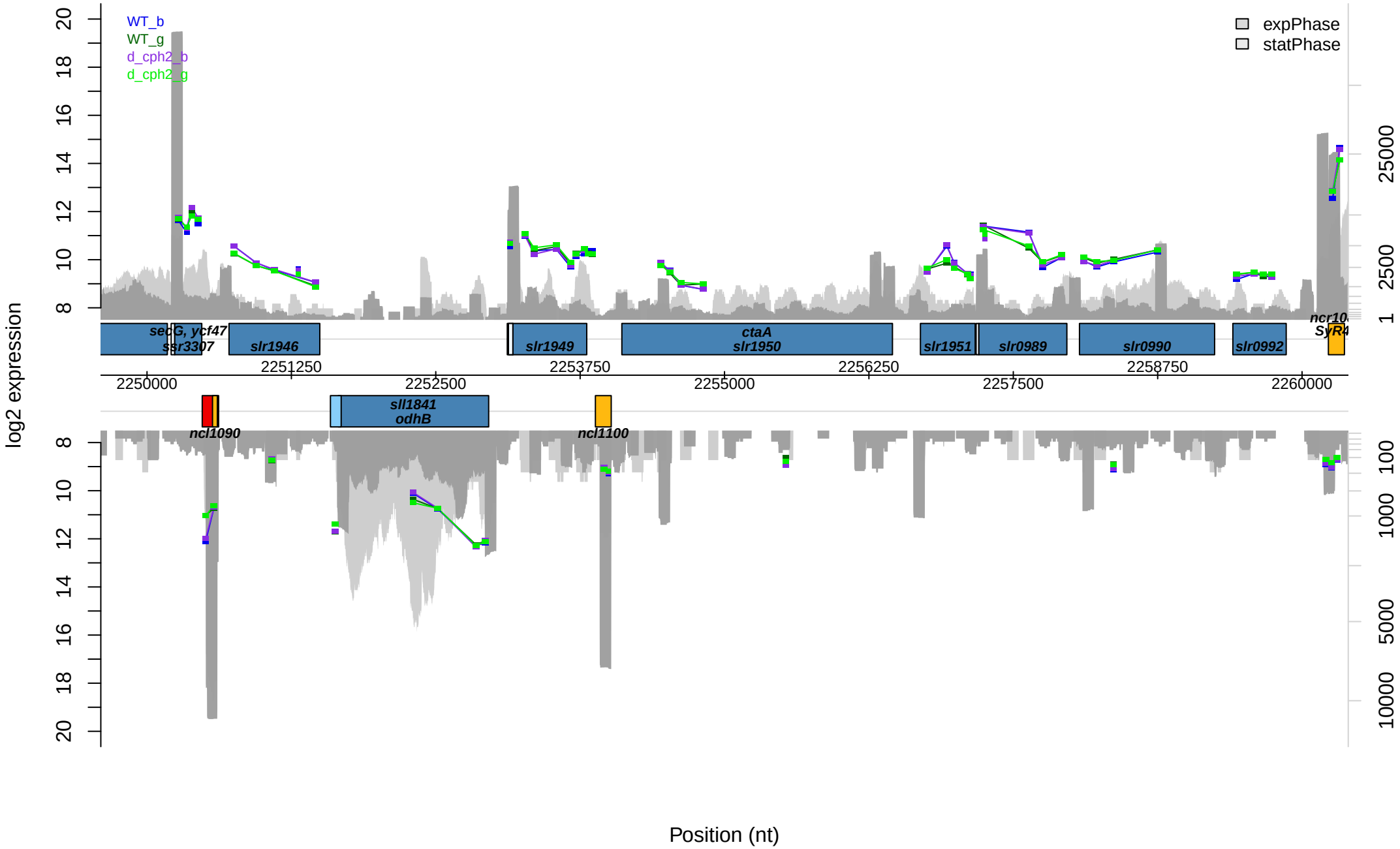

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pilT1
slr0161
pilC
slr0162
pilC'
slr0163
clpP4
slr0164
clpP3
slr0165
sll0141
sll0140
sll0136
pepP
sll0135
2200000
2201250
2202500
2203750
2205000
2206250
2207500
2208750
2210000

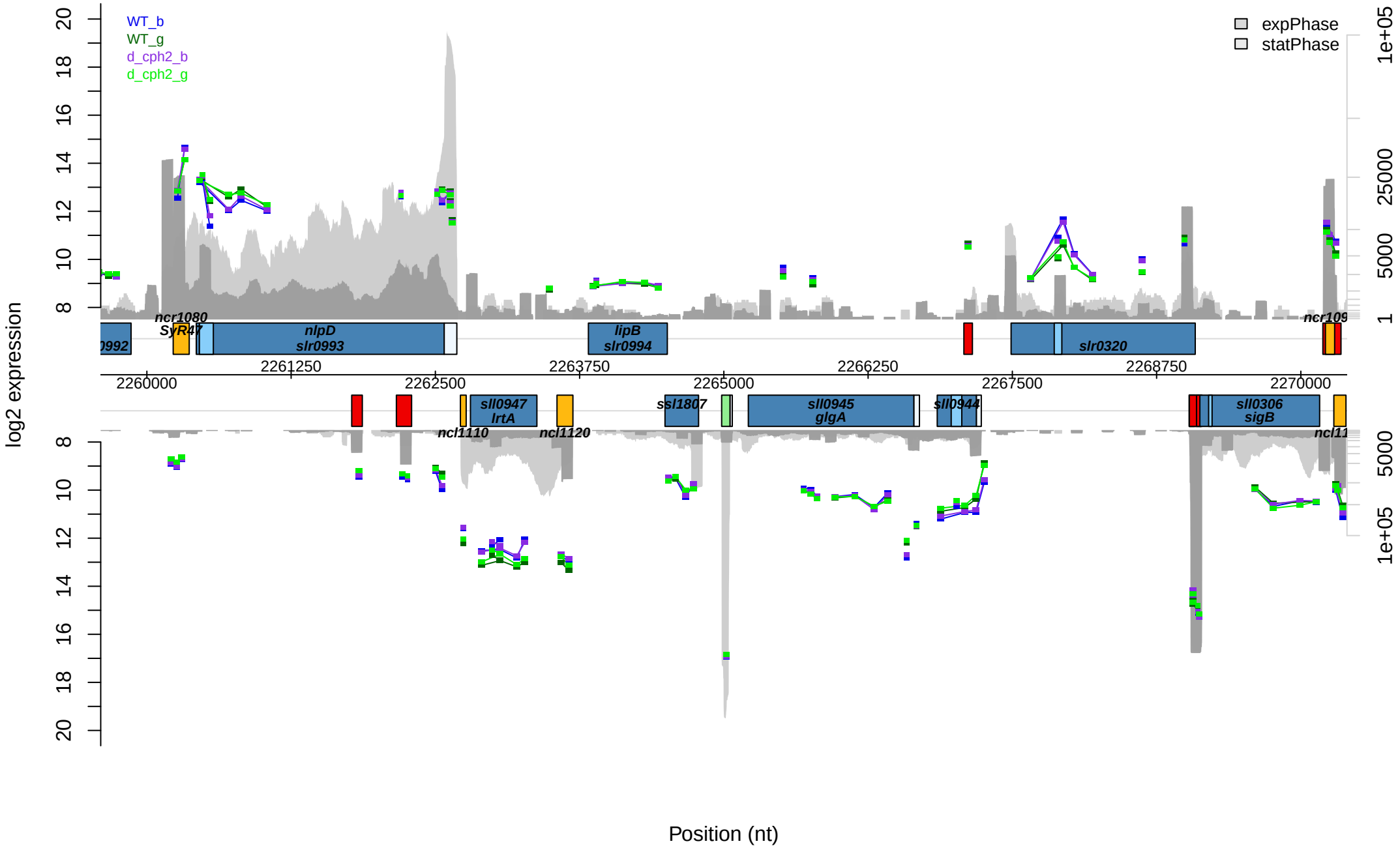

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1923
slr1924
cobD
slr1925
slr1926
sll1865
prfB
sll1864
ncl1080
2210000
2211250
2212500
2213750
2215000
2216250
2217500
2218750
2220000

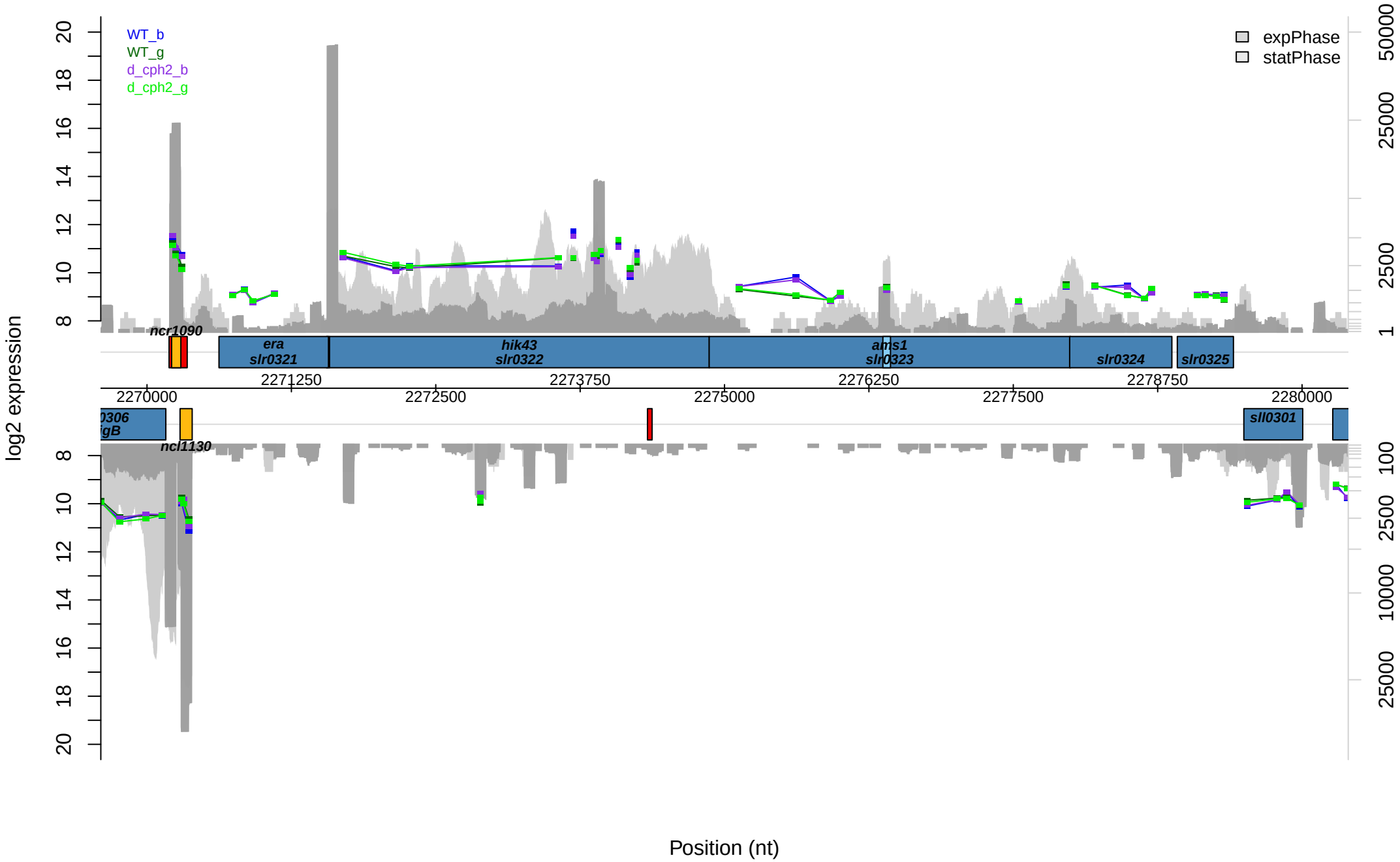

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1927
pilA5
slr1928
pilA6
slr1929
pilA7
slr1930
pilA8
slr1931
slr1932
rfbC
slr1933
sll1863
sll1862
sll1861
sll1860
sll1858
2220000
2221250
2222500
2223750
2225000
2226250
2227500
2228750
2230000

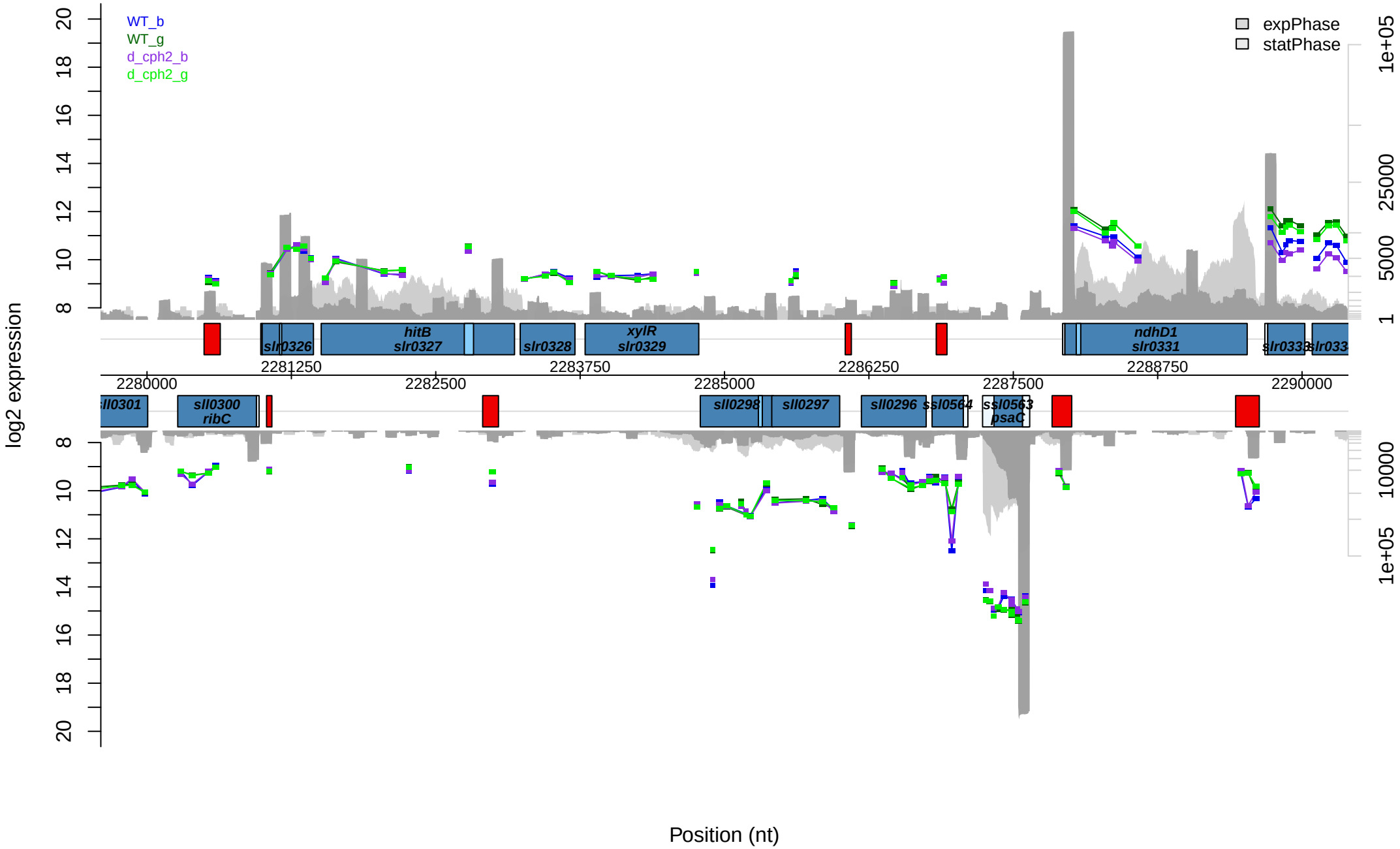

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1934
slr1935
slr1936
slr1937
slr1938
sll1854
xthA
sll1853
sll1852
ndkR
sll1851
sll1849
sll1848
2230000
2231250
2232500
2233750
2235000
2236250
2237500
2238750
2240000

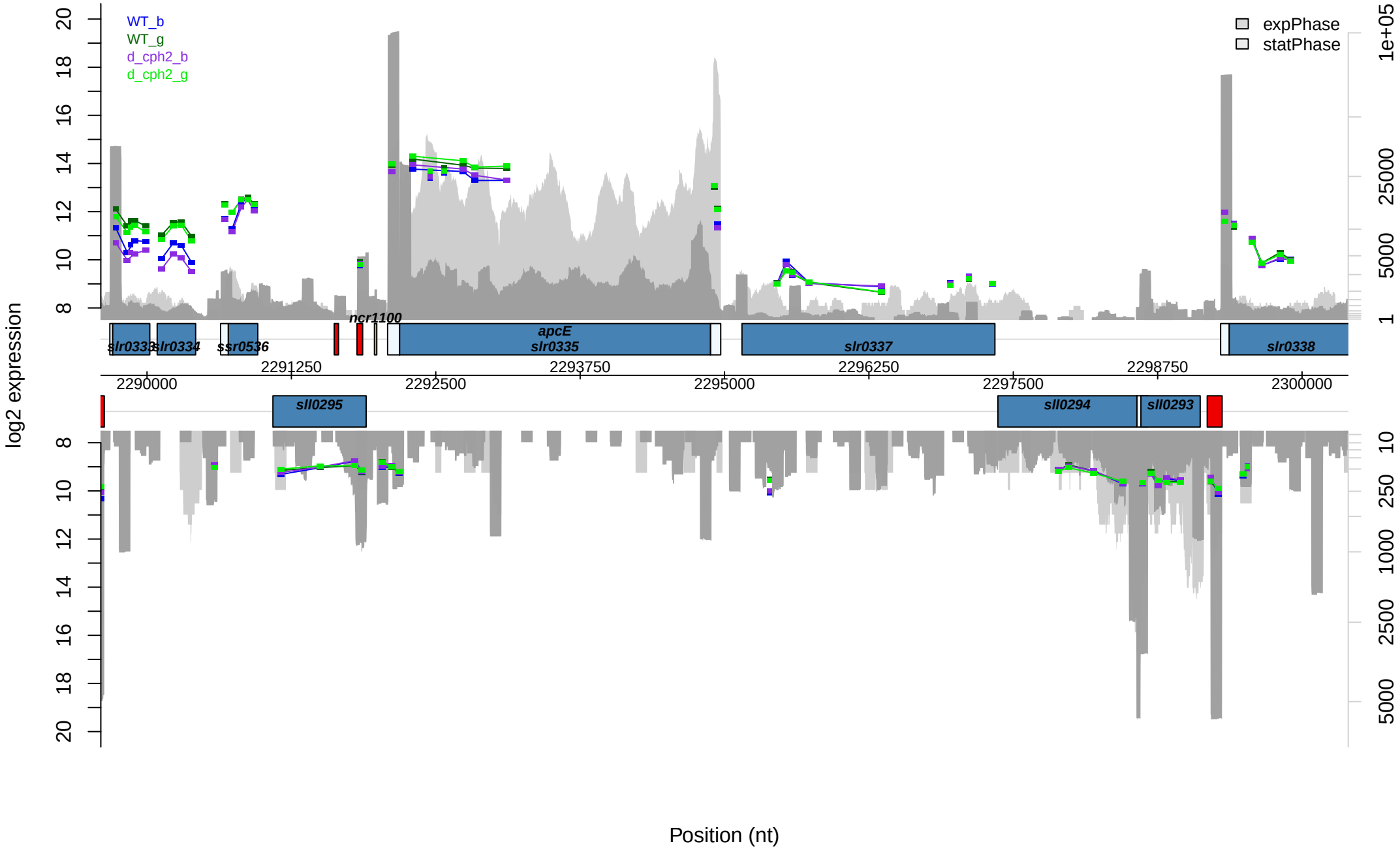

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1939
slr1940
ssr3300
kaiC3
slr1942
ssr3304
dpm1
slr1943
slr1944
yibO
slr1945
sll1845
2240000
2241250
2242500
2243750
2245000
2246250
2247500
2248750
2250000

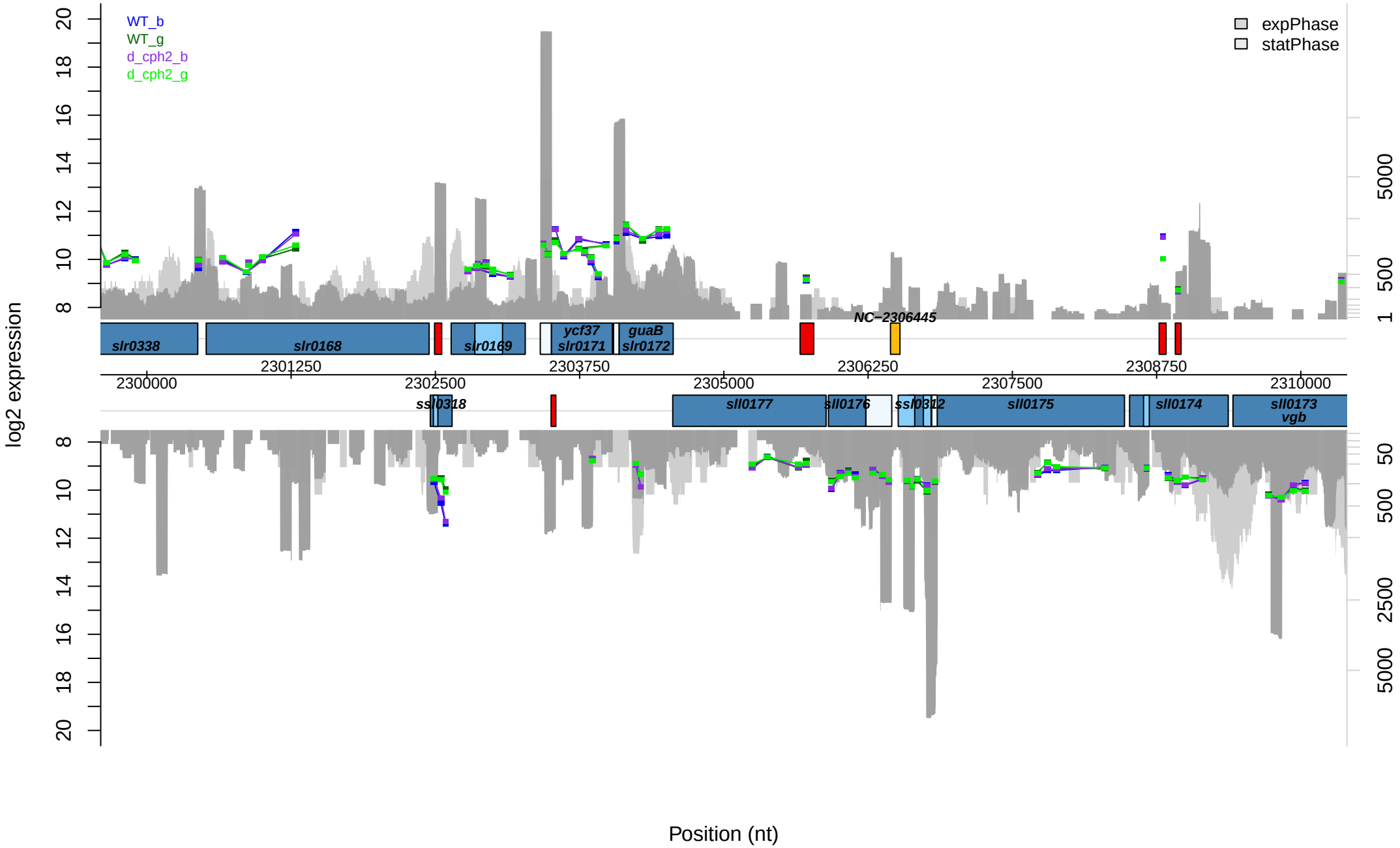

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
secG, ycf47
ssr3307
slr1946
slr1949
ctaA
slr1950
slr1951
slr0989
slr0990
slr0992
ncr10
SyR4
2250000
2251250
2252500
2253750
2255000
2256250
2257500
2258750
2260000
ncl1090
sll1841
odhB
ncl1100
Position (nt)

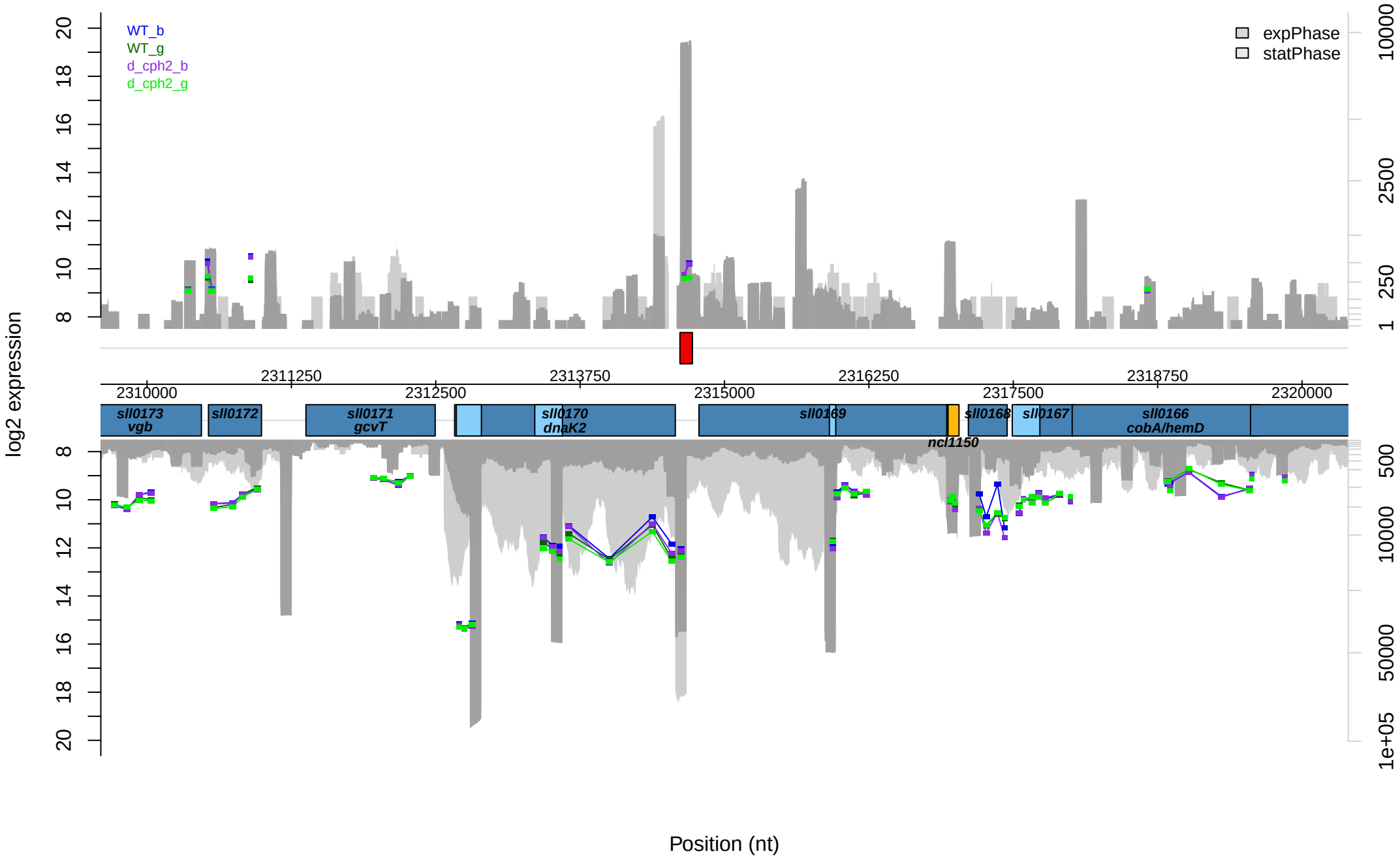

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1080
SyR47
nlpD
slr0993
lipB
slr0994
slr0320
sll0947
lrtA
ncl1110
ncl1120
ssl1807
sll0945
glgA
sll0944
sll0306
sigB
2260000
2261250
2262500
2263750
2265000
2266250
2267500
2268750
2270000

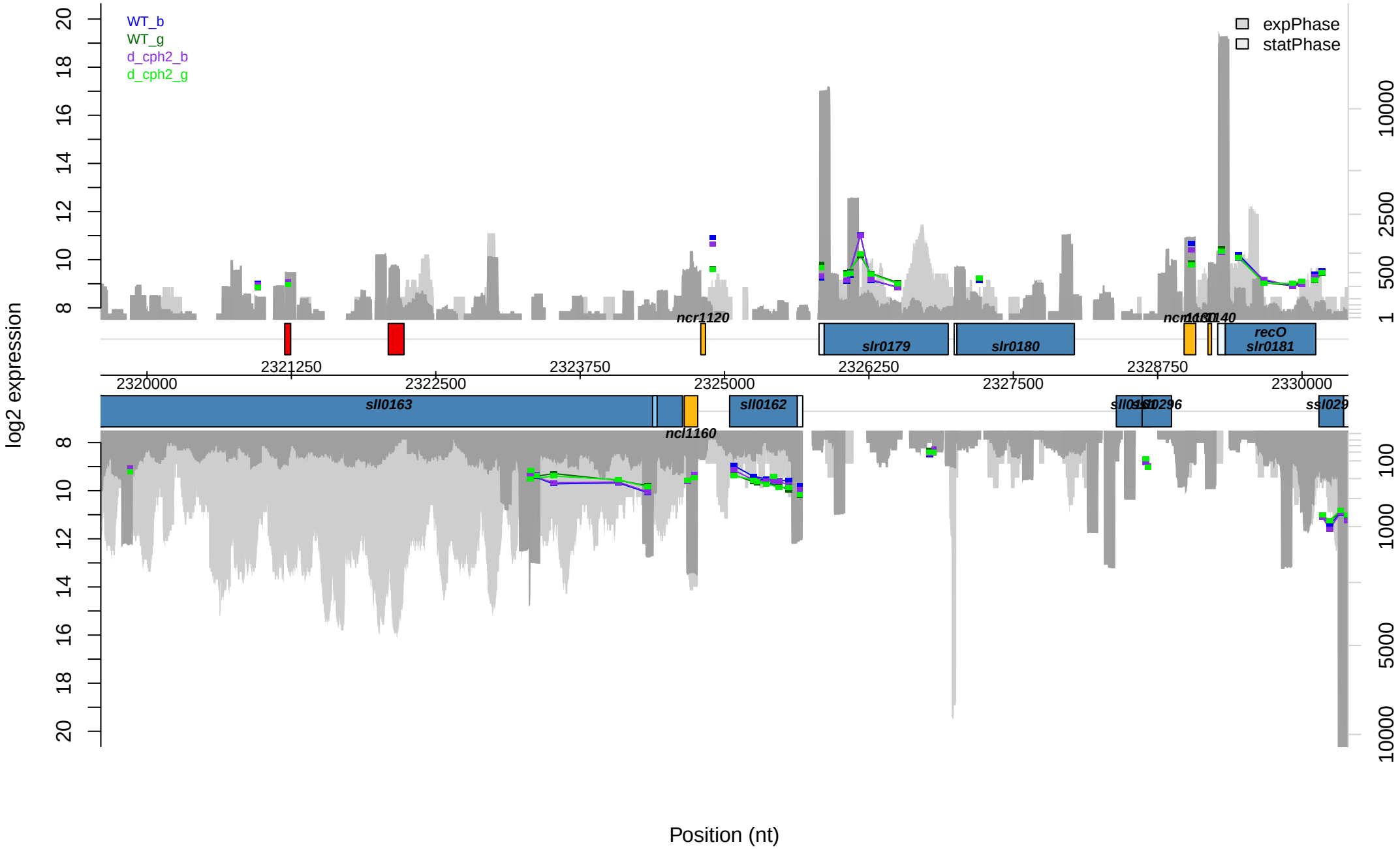

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1090
era
slr0321
hik43
slr0322
ams1
slr0323
slr0324
slr0325
ncl1130
sll0301
2270000
2271250
2272500
2273750
2275000
2276250
2277500
2278750
2280000

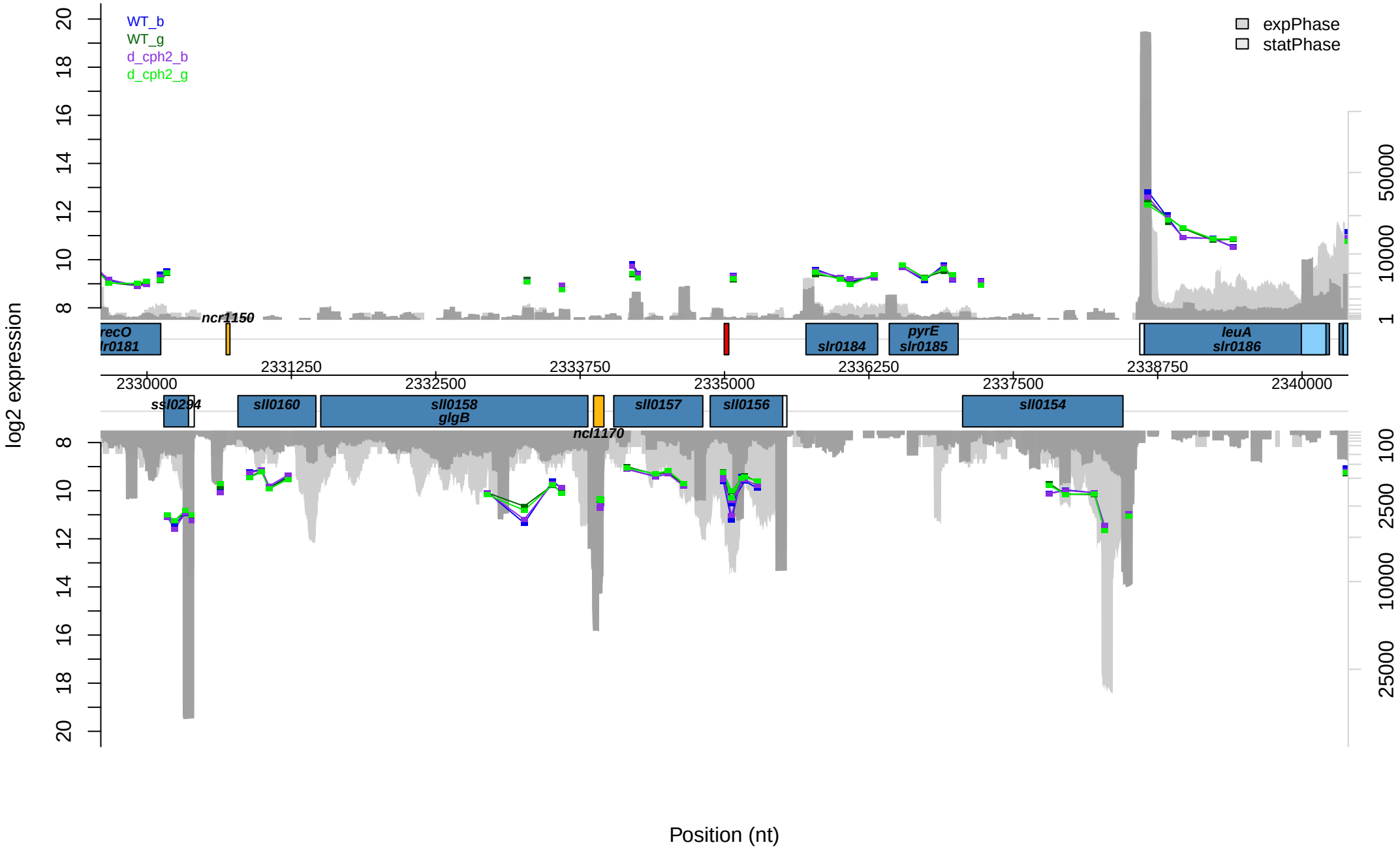

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hitB
slr0327
slr0326
slr0328
xylR
slr0329
ndhD1
slr0331
sll0300
ribC
sll0298
sll0297
sll0296
ssl0564
ssl0563
psaC
2280000
2281250
2282500
2283750
2285000
2286250
2287500
2288750
2290000

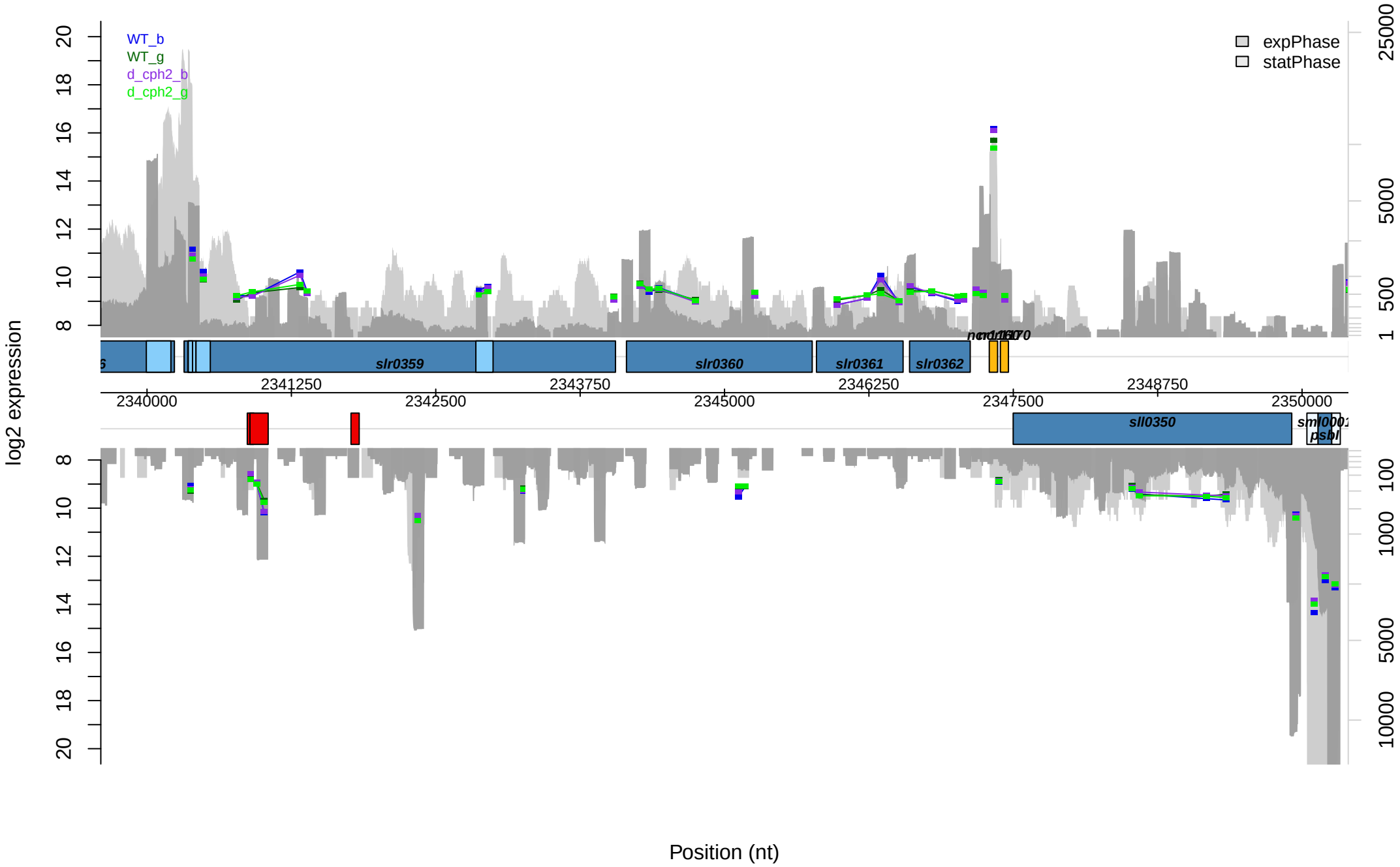

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0333
slr0334
ssr0536
ncr1100
apcE
slr0335
slr0337
slr0338
sll0295
sll0294
sll0293
2290000
2291250
2292500
2293750
2295000
2296250
2297500
2298750
2300000

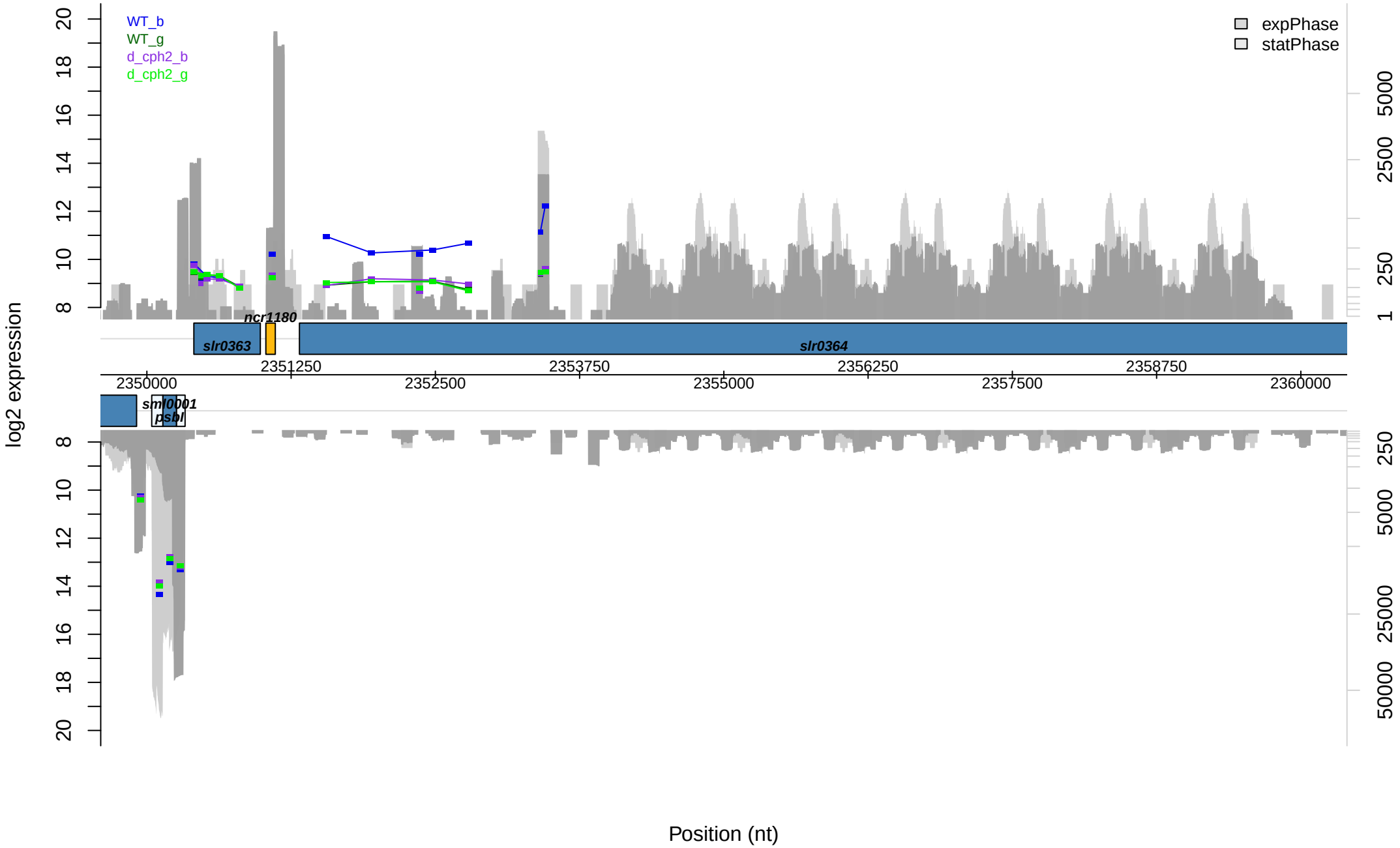

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0338
slr0168
slr0169
ycf37
slr0171
guaB
slr0172
NC−2306445
ssl0318
sll0177
sll0176
ssl0312
sll0175
sll0174
sll0173
vgb
2300000
2301250
2302500
2303750
2305000
2306250
2307500
2308750
2310000

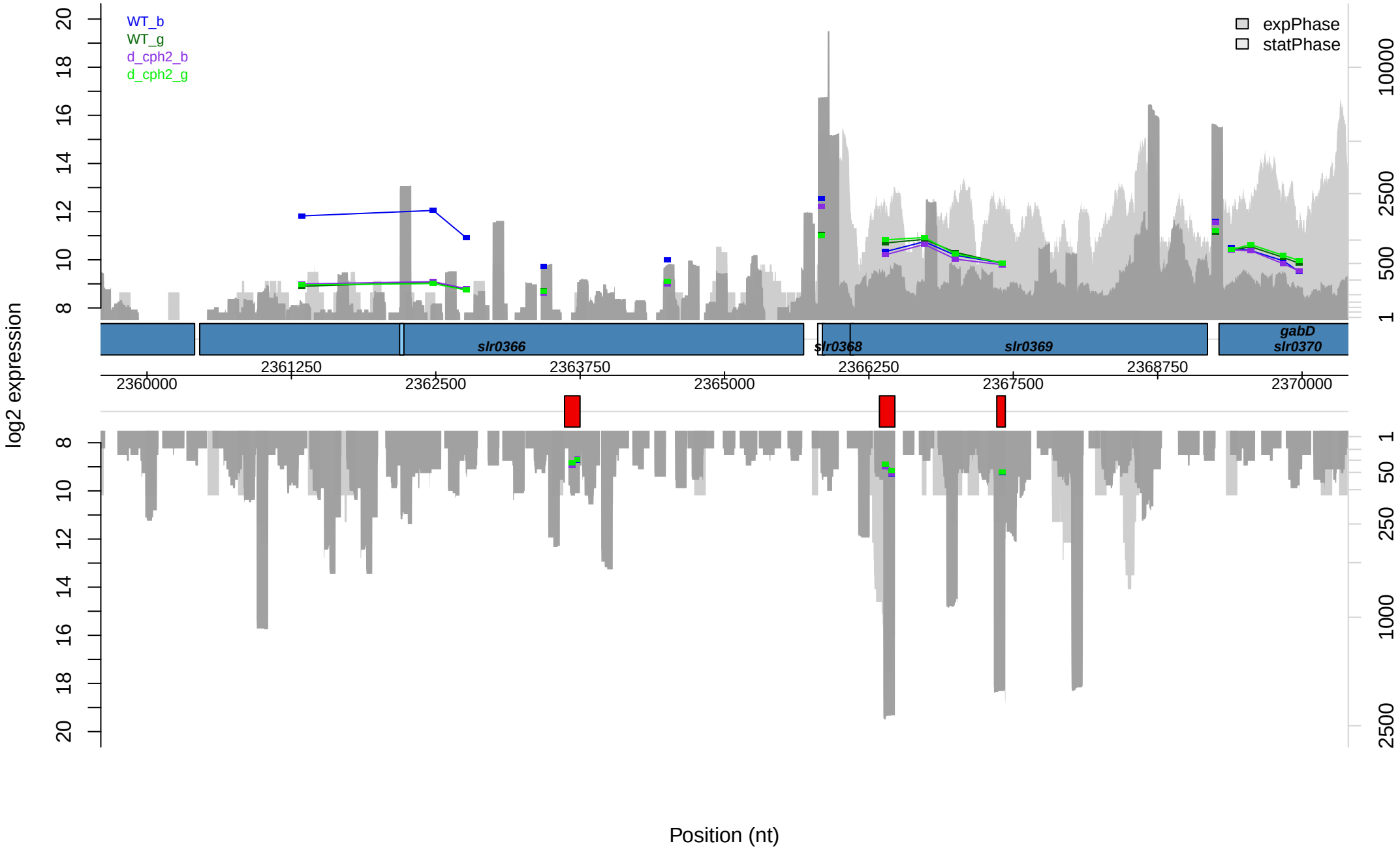

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
2310000
2311250
2312500
2313750
2315000
2316250
2317500
2318750
2320000
sll0173 vgb
sll0172
sll0171 gcvT
sll0170 dnaK2
sll0169
sll0168
sll0167
sll0166 cobA/hemD
ncl1150

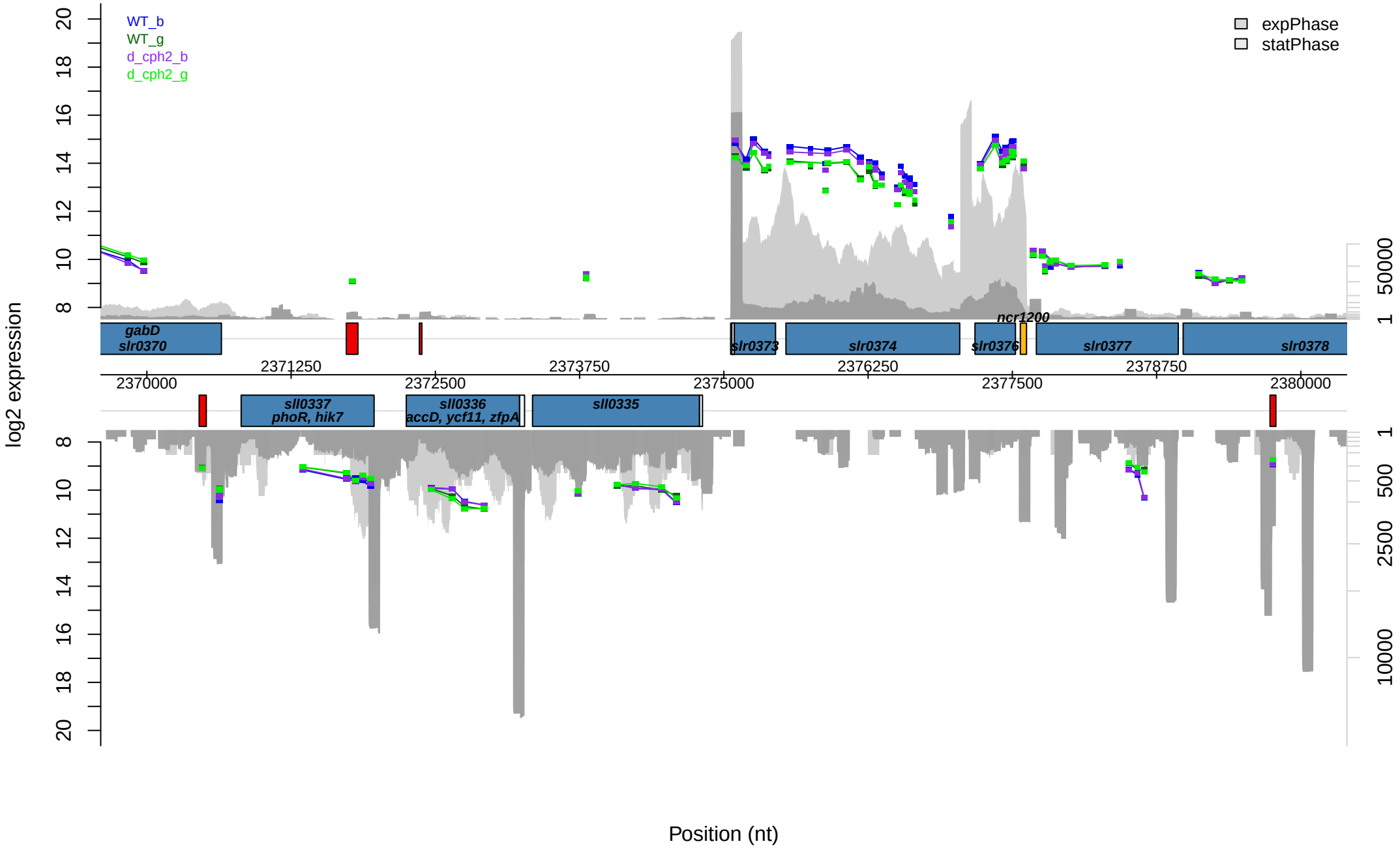

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1120
slr0179
slr0180
recO
slr0181
sll0163
sll0162
ncl1160
2320000
2321250
2322500
2323750
2325000
2326250
2327500
2328750
2330000

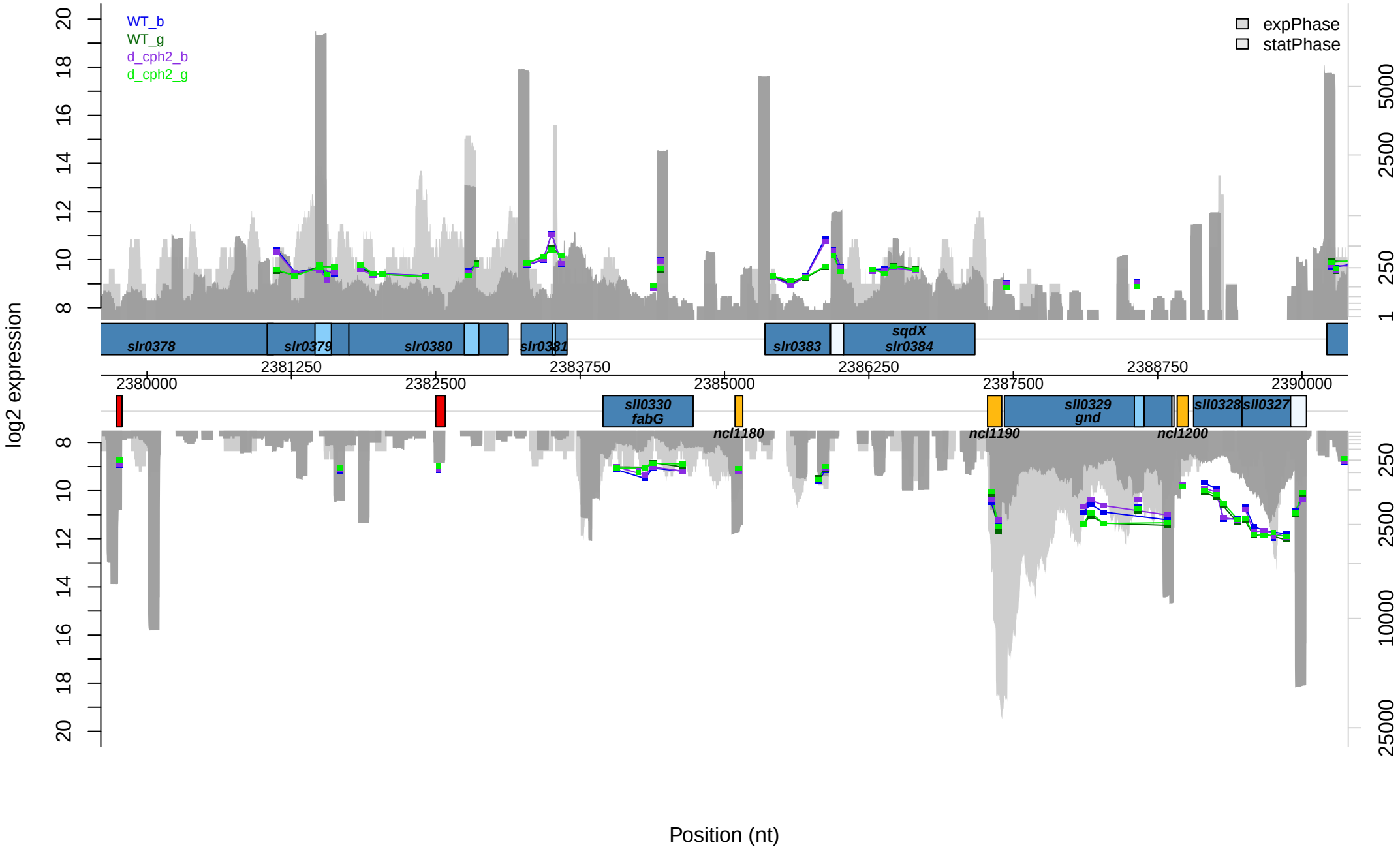

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1150
recO
slr0181
slr0184
pyrE
slr0185
leuA
slr0186
ssl0294
sll0160
sll0158
glgB
ncl1170
sll0157
sll0156
sll0154
2330000
2331250
2332500
2333750
2335000
2336250
2337500
2338750
2340000

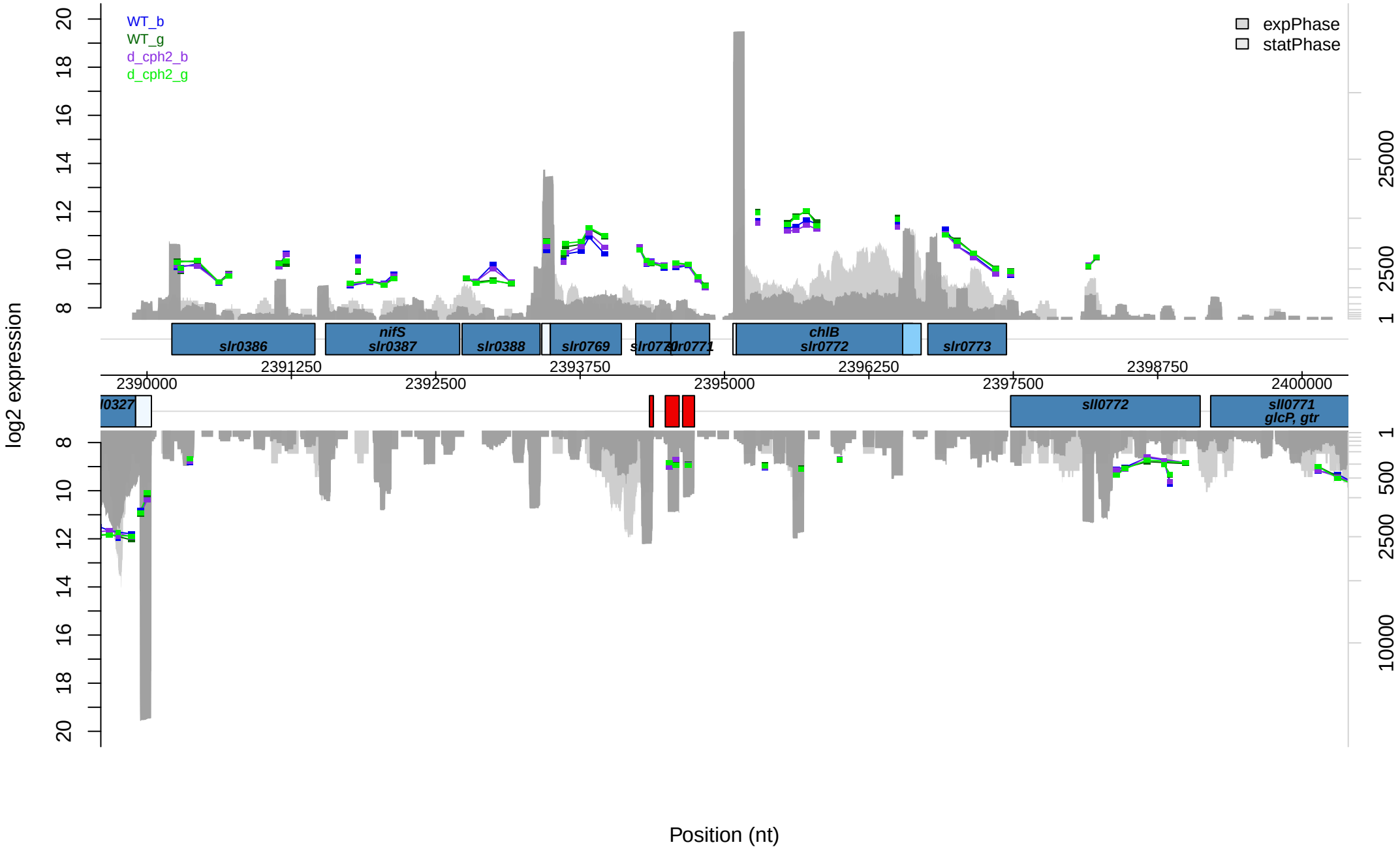

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0359
slr0360
slr0361
slr0362
sll0350
2340000
2341250
2342500
2343750
2345000
2346250
2347500
2348750
2350000

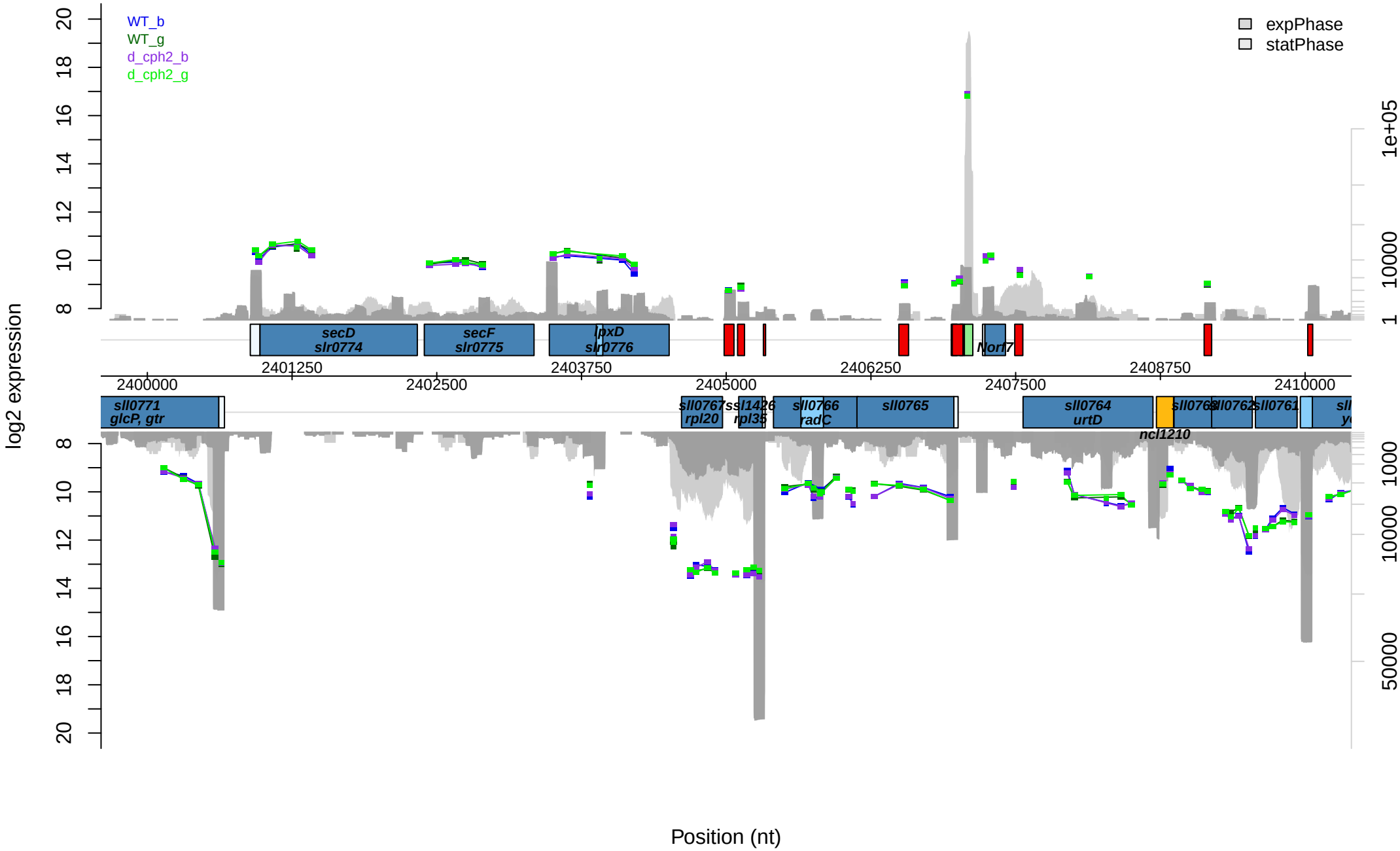

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
ncr1180
slr0363
slr0364
sml0001
psbI
2350000
2351250
2352500
2353750
2355000
2356250
2357500
2358750
2360000
Position (nt)

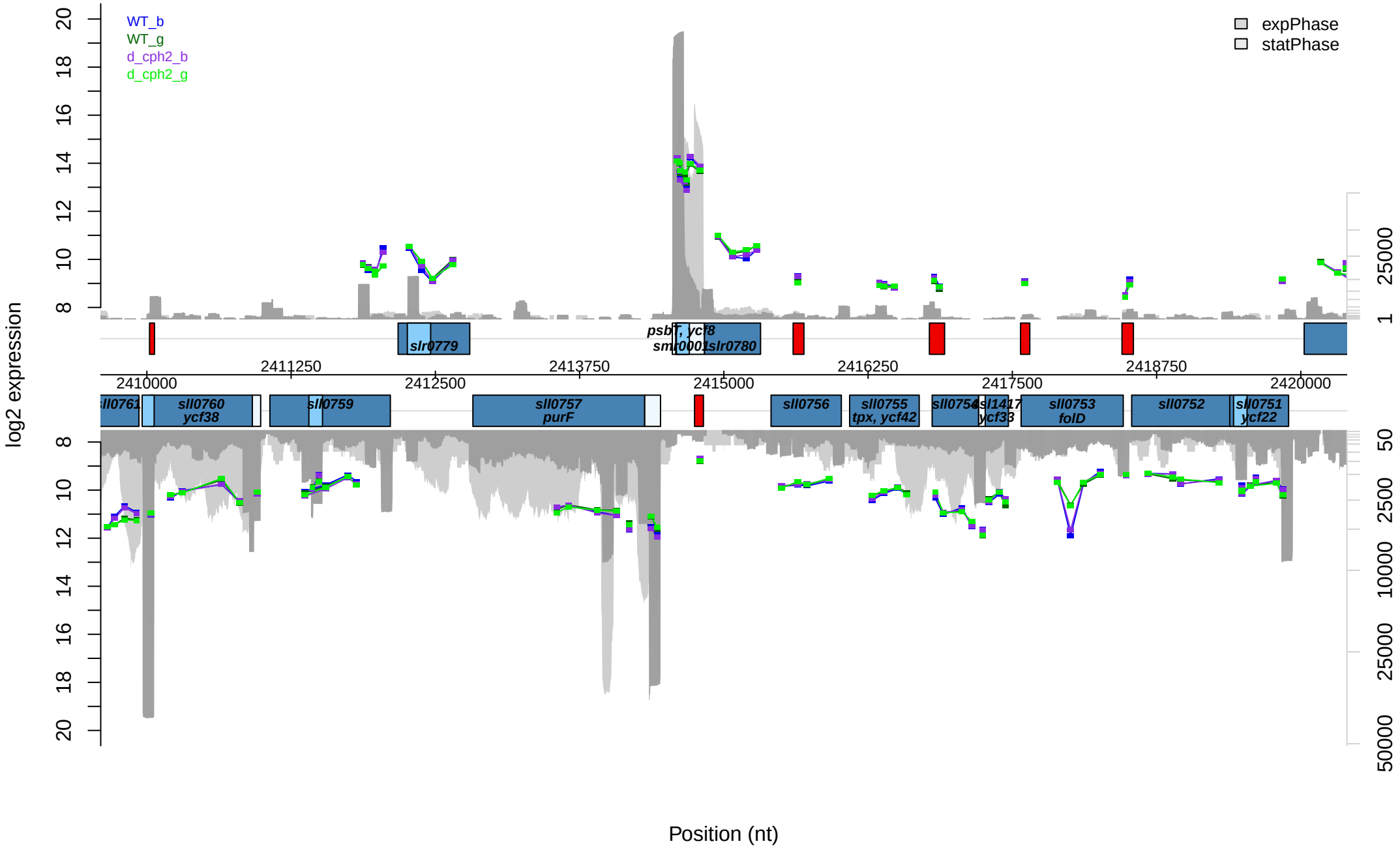

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0366
slr0368
slr0369
gabD
slr0370
2360000
2361250
2362500
2363750
2365000
2366250
2367500
2368750
2370000

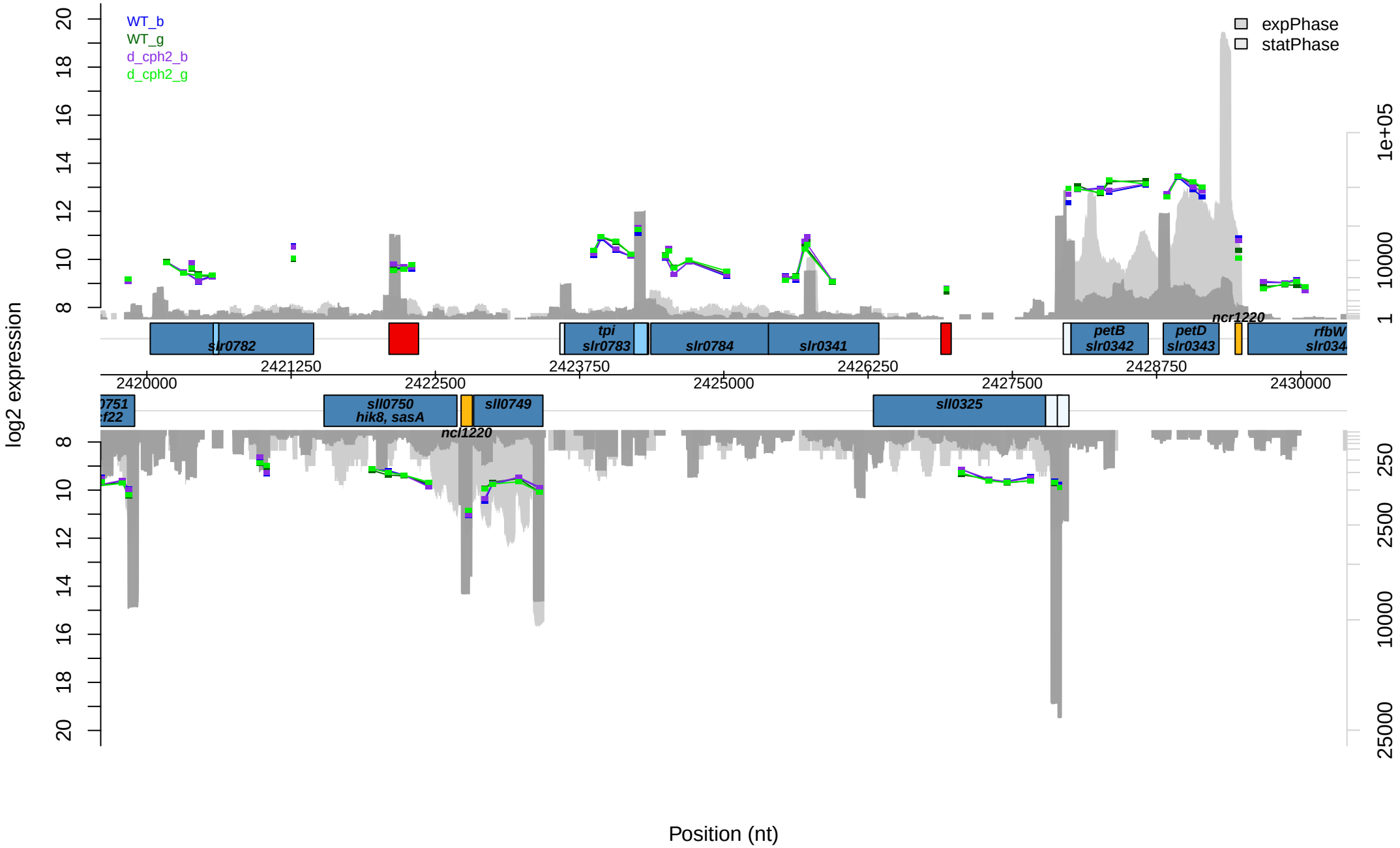

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
gabD
slr0370
slr0373
slr0374
ncr1200
slr0376
slr0377
slr0378
sll0337
phoR, hik7
sll0336
accD, ycf11, zfpA
sll0335
2370000
2371250
2372500
2373750
2375000
2376250
2377500
2378750
2380000

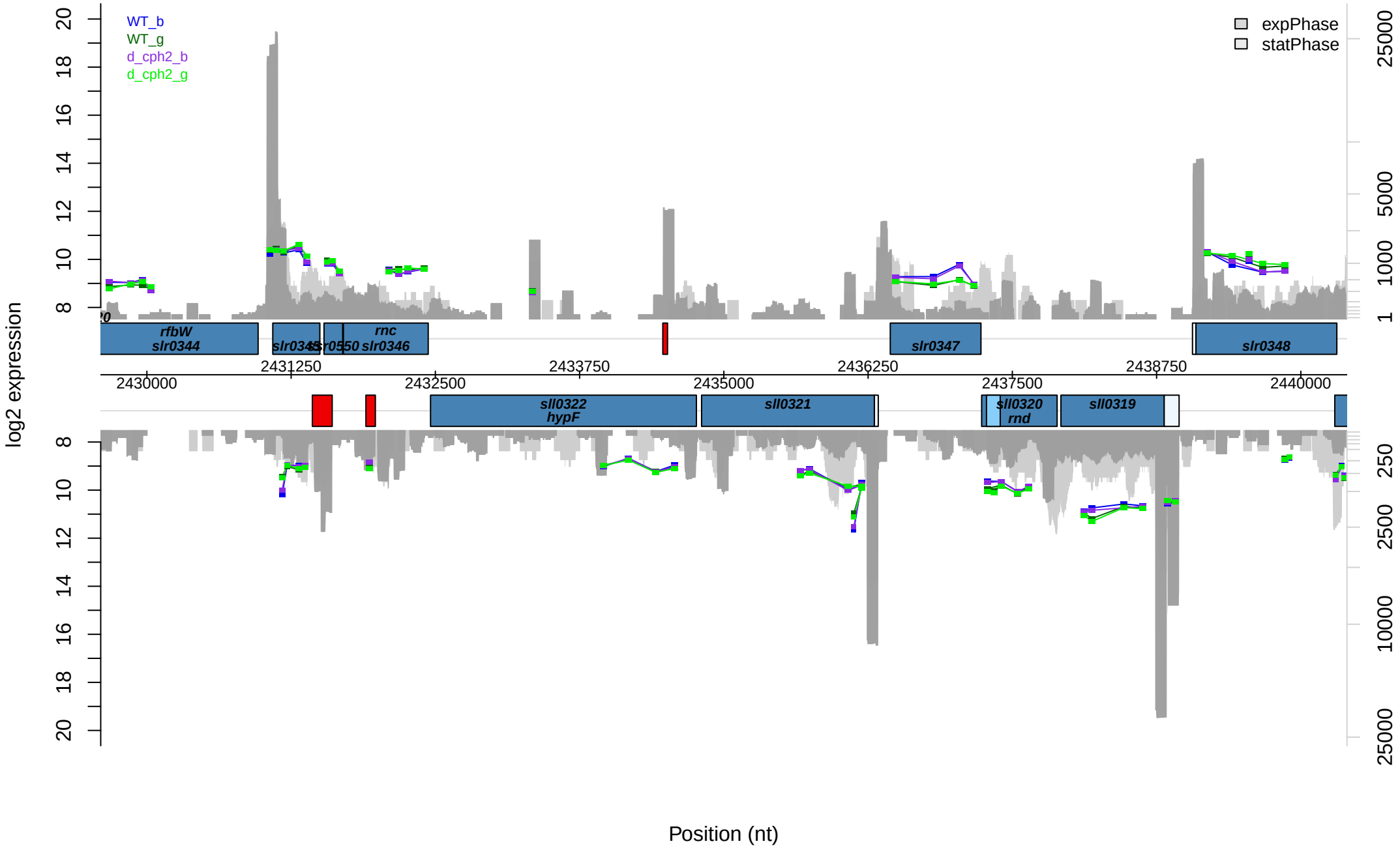

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0378
slr0379
slr0380
slr0381
slr0383
sqdX
slr0384
sll0330
fabG
ncl1180
ncl1190
sll0329
gnd
sll0328
sll0327
ncl1200
2380000
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2382500
2383750
2385000
2386250
2387500
2388750
2390000

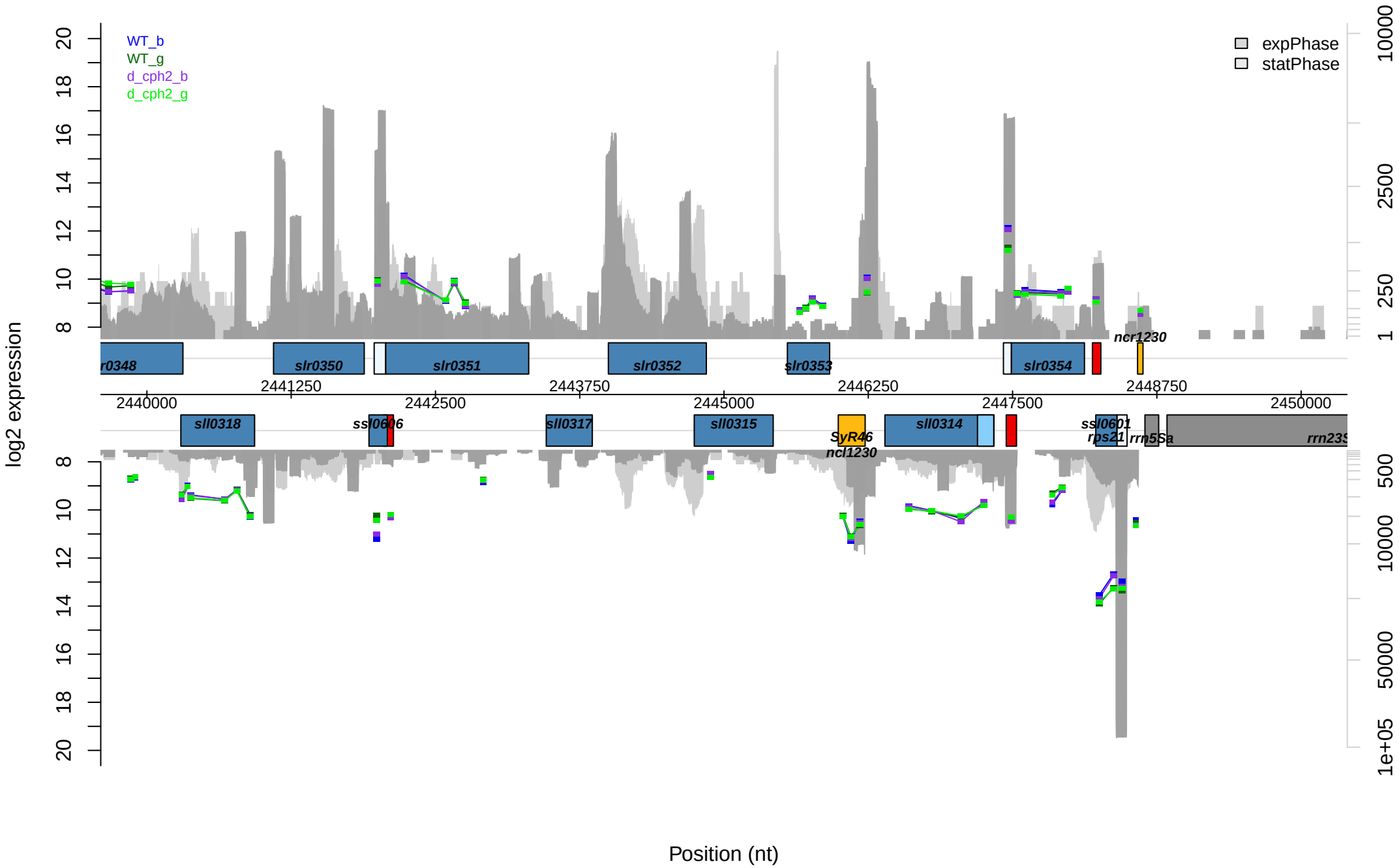

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0386
nifS
slr0387
slr0388
slr0769
slr0771
chlB
slr0772
slr0773
sll0772
sll0771
glcP, gtr
2390000
2391250
2392500
2393750
2395000
2396250
2397500
2398750
2400000

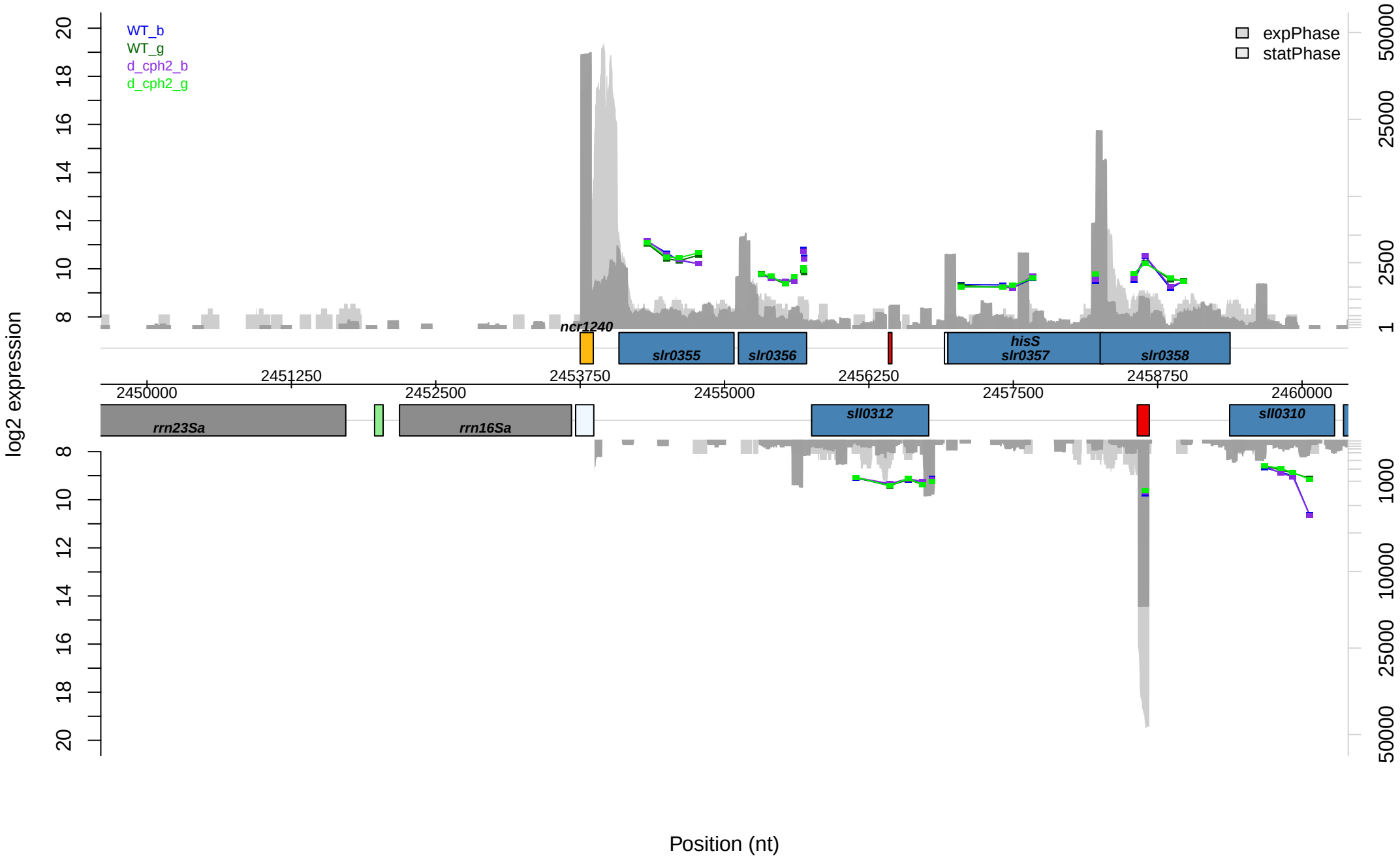

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
secD slr0774
secF slr0775
lpxD slr0776
Nori7
sll0771 glcP, gtr
sll0767 rpl20
rpl35
sll0766 radC
sll0765
sll0764 urtD
ncl1210
2400000
2401250
2402500
2403750
2405000
2406250
2407500
2408750
2410000

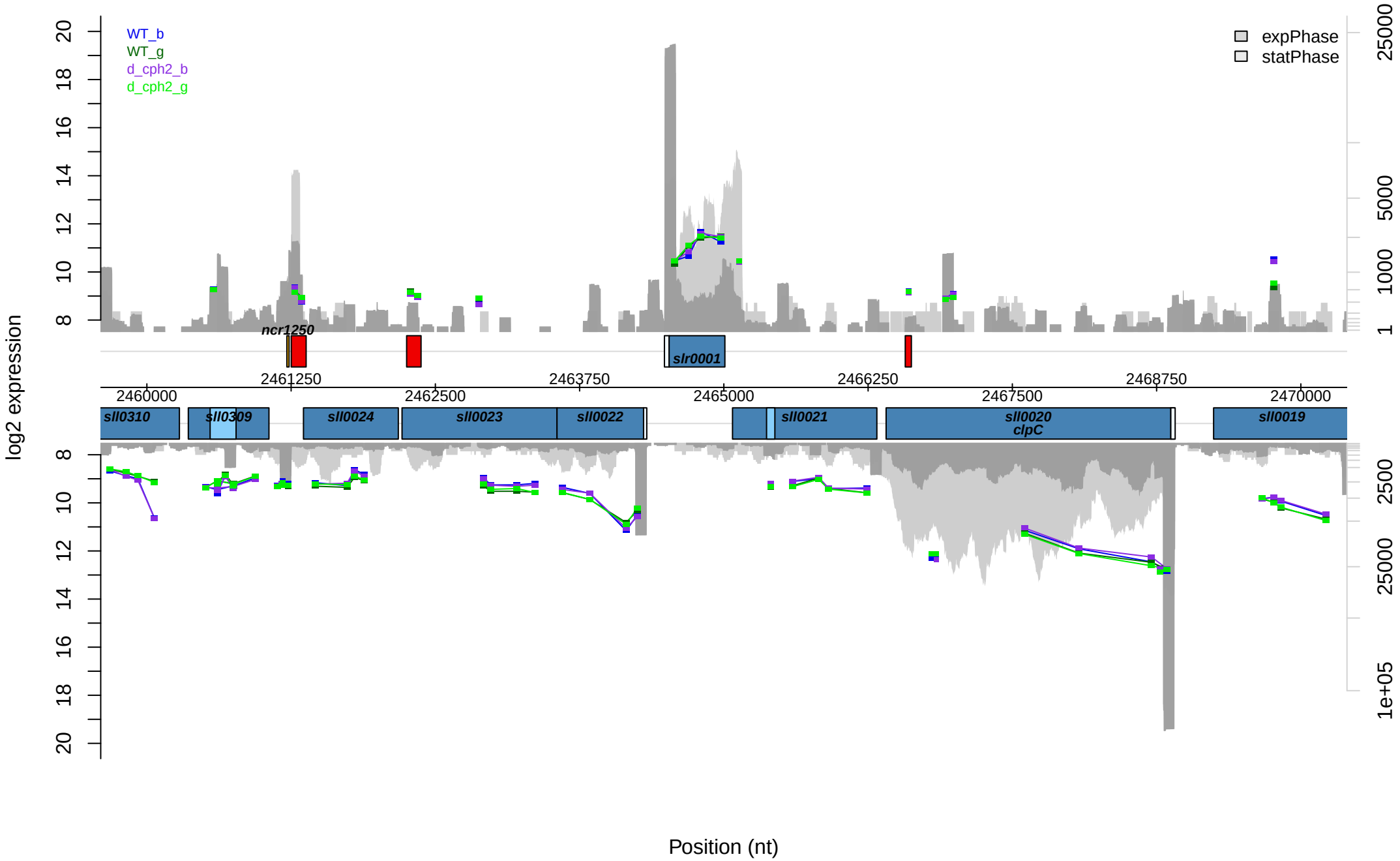

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0779
psbT, ycf8
sml0001
slr0780
sll0760
ycf38
sll0759
sll0757
purF
sll0756
sll0755
tpx, ycf42
sll0754
sll1417
ycf33
sll0753
folD
sll0752
sll0751
ycf22
2410000
2411250
2412500
2413750
2415000
2416250
2417500
2418750
2420000

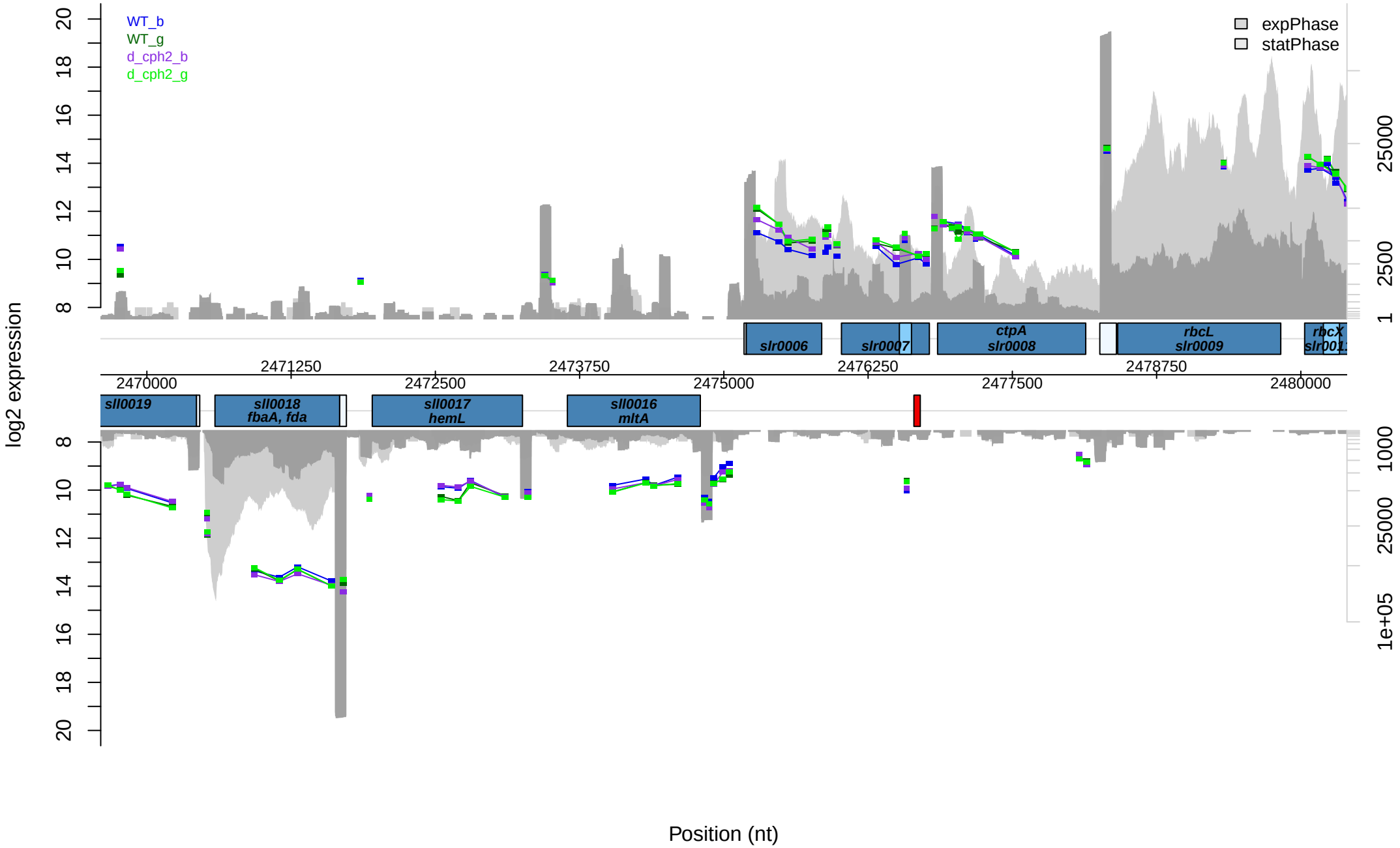

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0782
tpi
slr0783
slr0784
slr0341
petB
slr0342
petD
slr0343
ncr1220
rfbW
slr034
sll0750
hik8, sasA
sll0749
ncl1220
sll0325
2420000
2421250
2422500
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2425000
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2427500
2428750
2430000

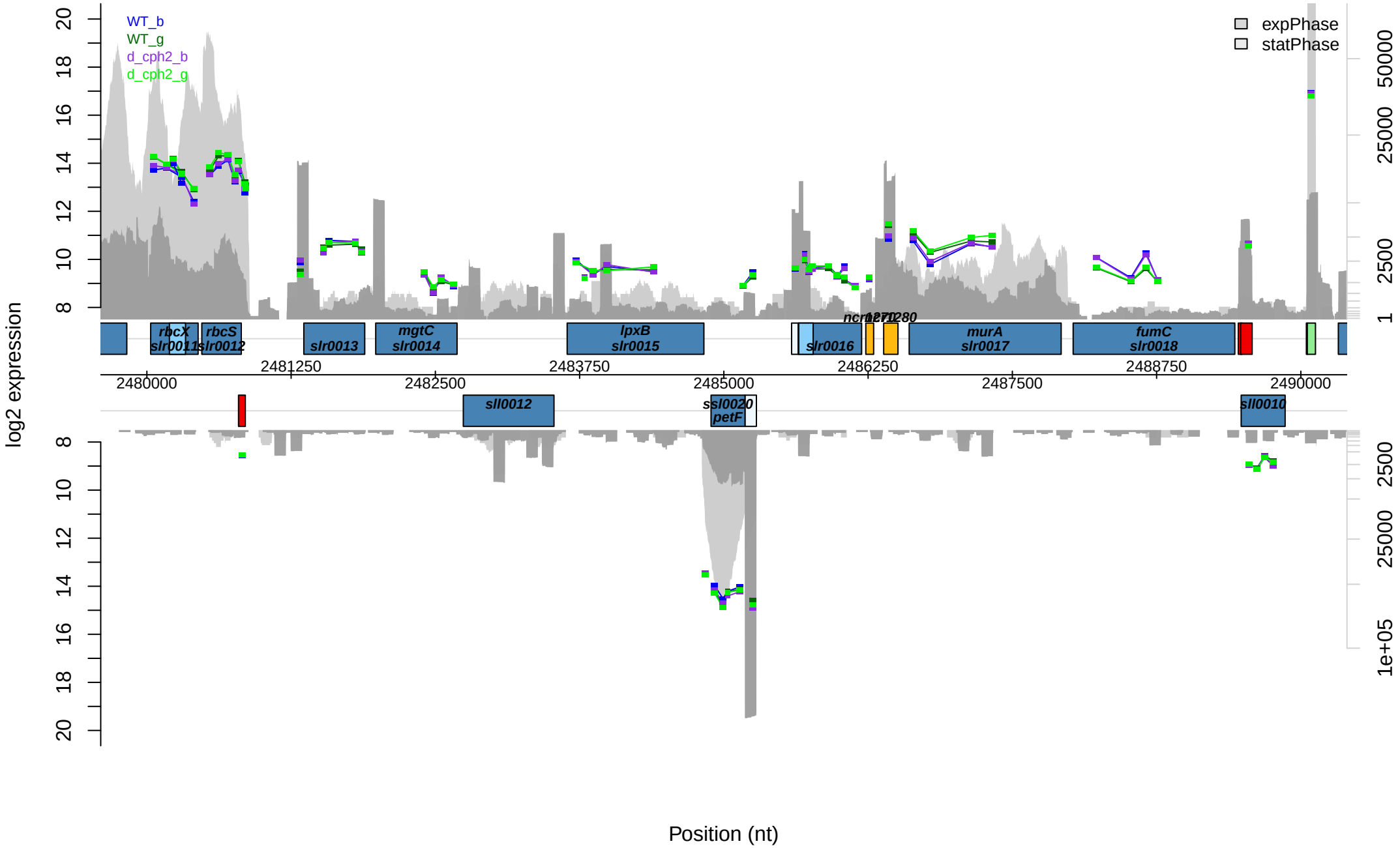

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rfbW
slr0344
slr0345
slr0550
rnc
slr0346
slr0347
slr0348
sll0322
hypF
sll0321
sll0320
rnd
sll0319
2430000
2431250
2432500
2433750
2435000
2436250
2437500
2438750
2440000

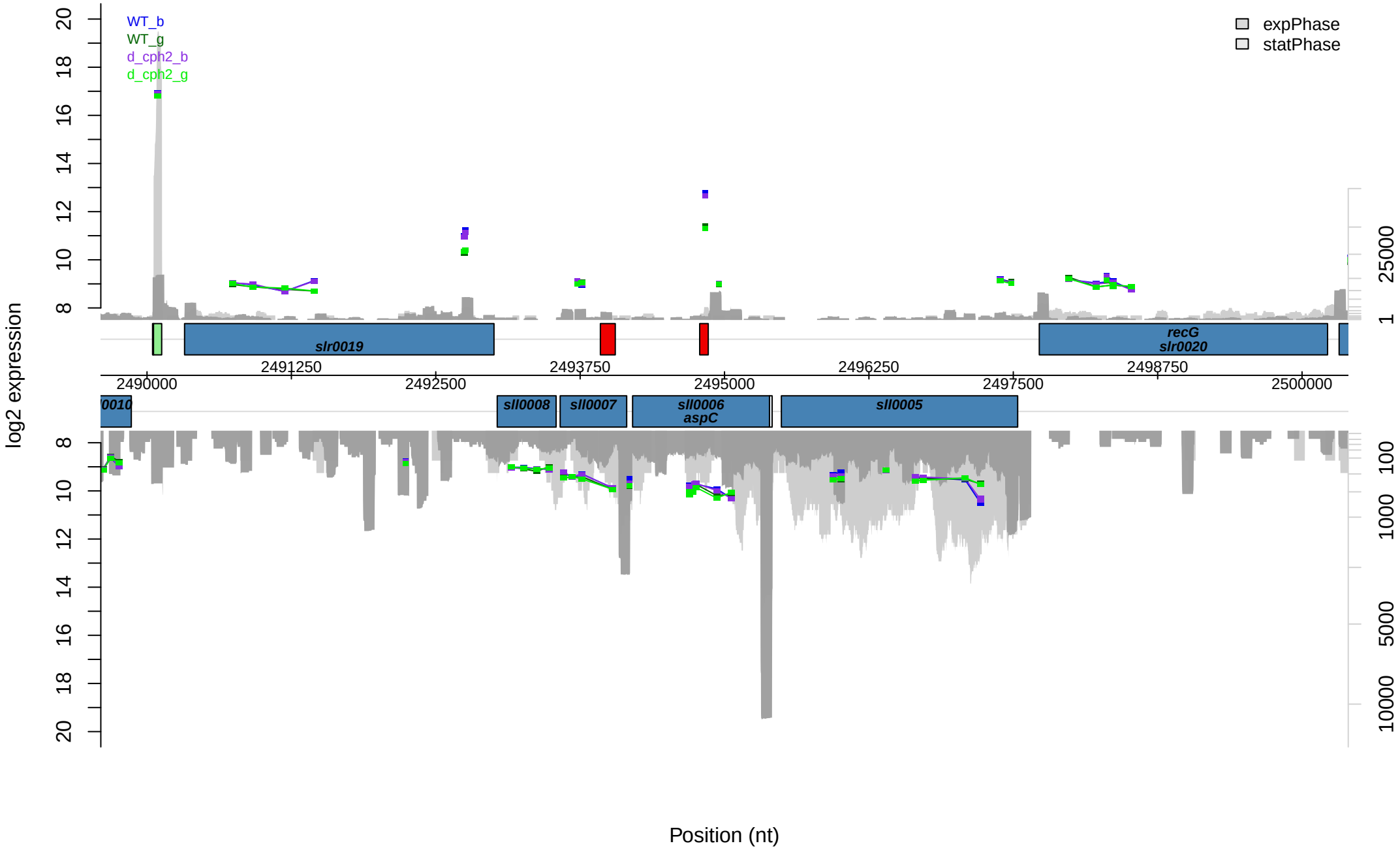

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
r0348
slr0350
slr0351
slr0352
slr0353
slr0354
ncr1230
sll0318
ssl0606
sll0317
sll0315
SyR46
ncl1230
sll0314
ssl0601
rps21
rrn5Sa
2440000
2441250
2442500
2443750
2445000
2446250
2447500
2448750
2450000

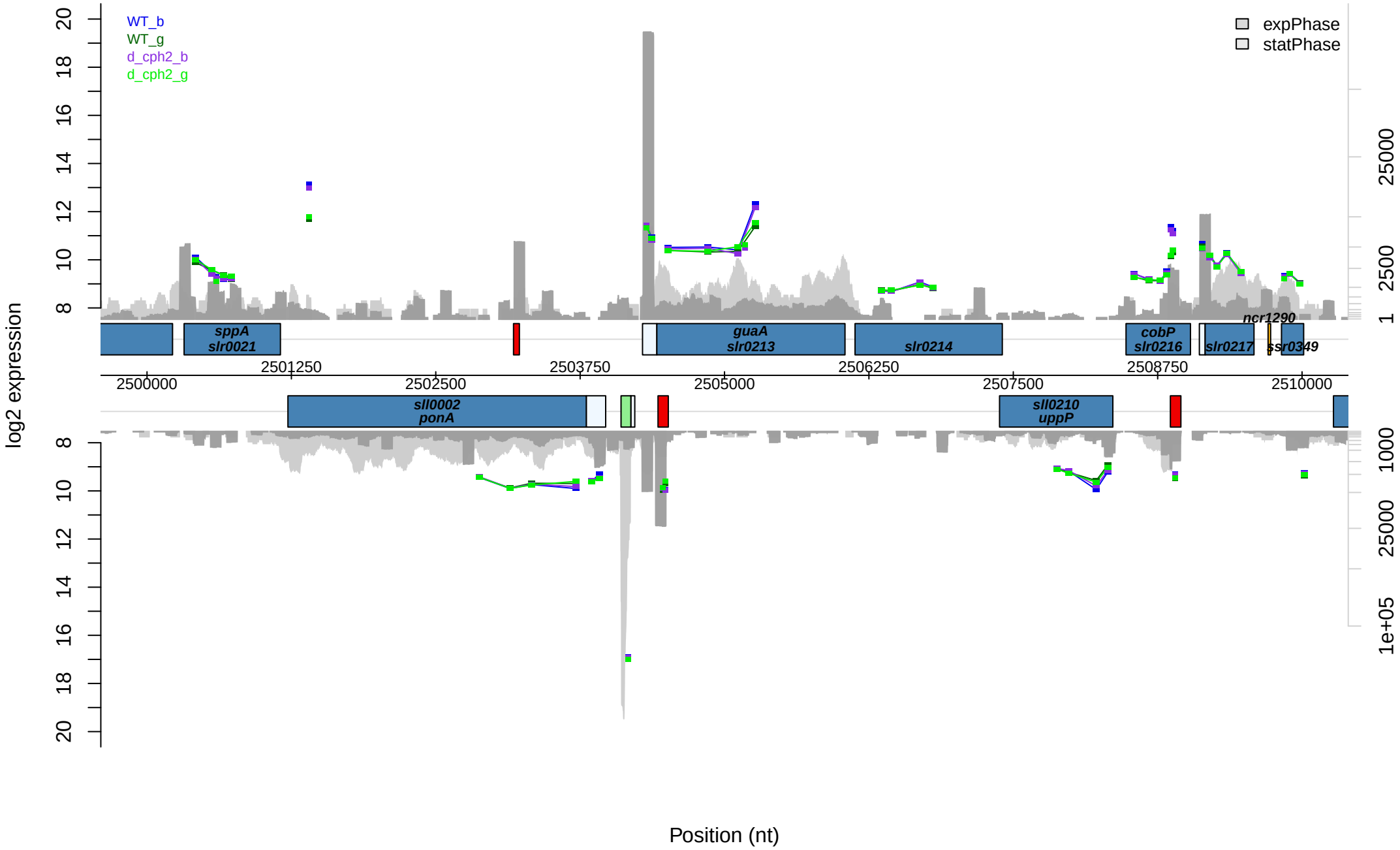

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1240
slr0355
slr0356
hisS
slr0357
slr0358
rrn23Sa
rrn16Sa
sll0312
sll0310
2450000
2451250
2452500
2453750
2455000
2456250
2457500
2458750
2460000

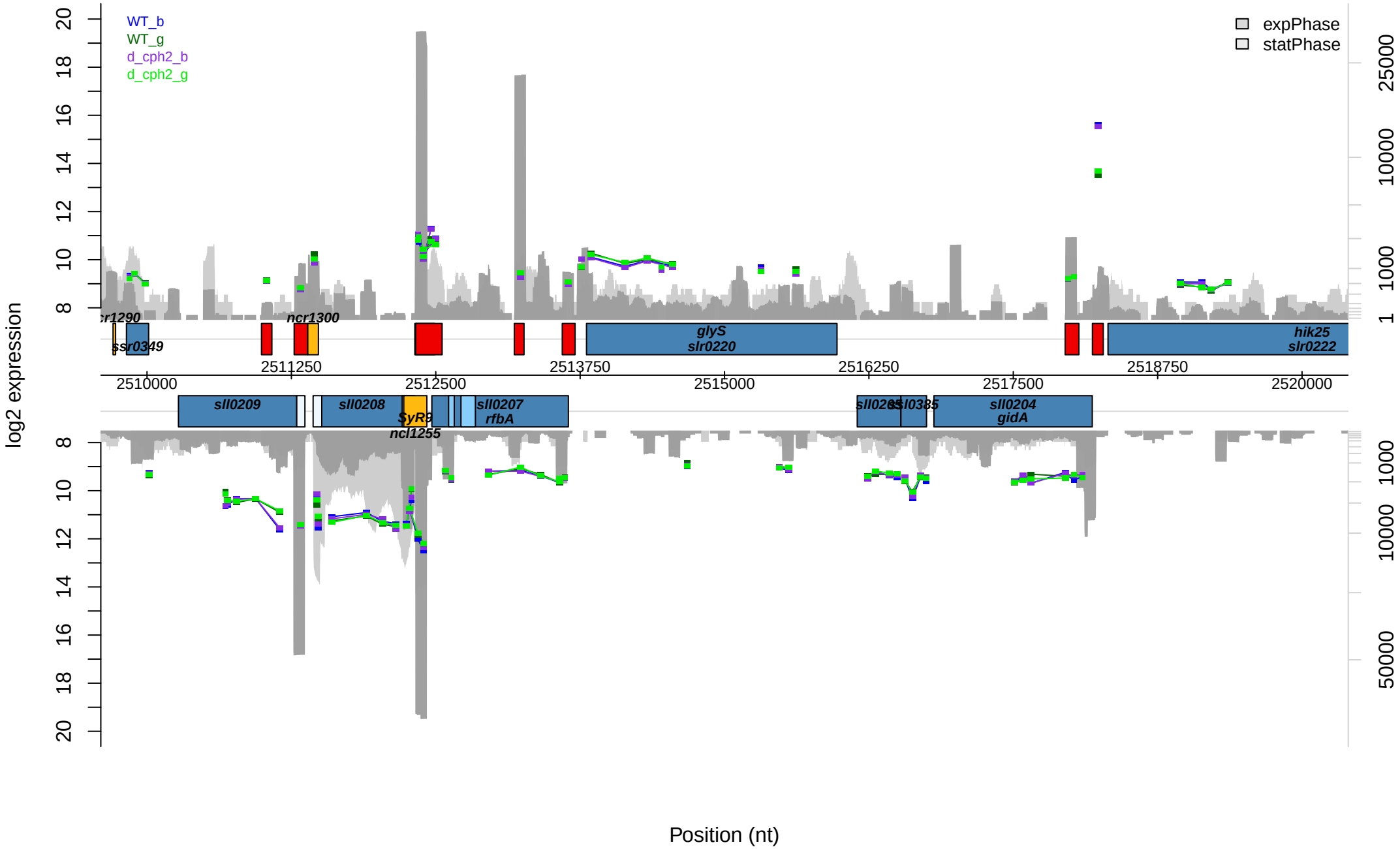

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1250
slr0001
sll0310
sll0309
sll0024
sll0023
sll0022
sll0021
sll0020
clpC
sll0019
2460000
2461250
2462500
2463750
2465000
2466250
2467500
2468750
2470000

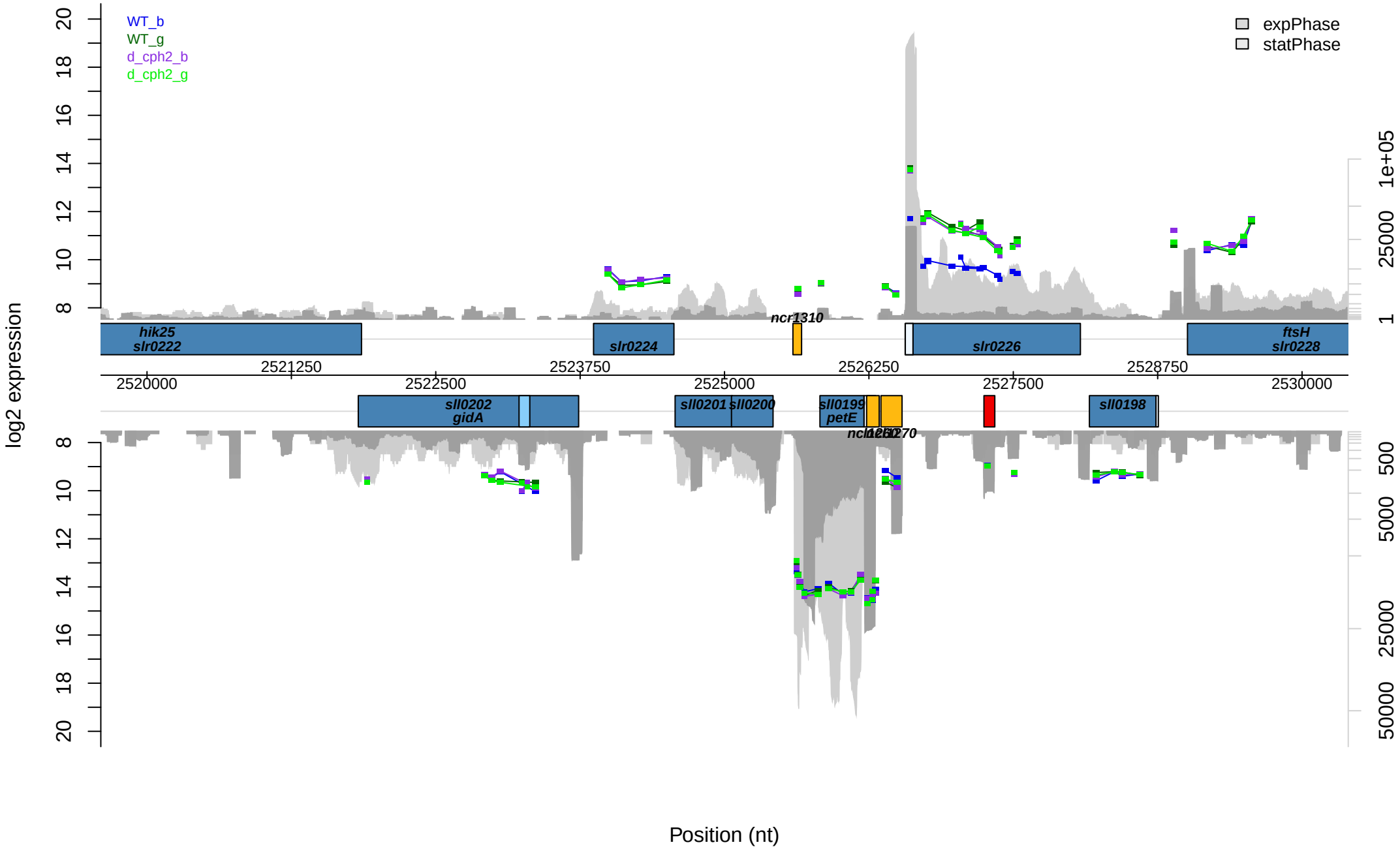

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
25000
2500
1
slr0006
slr0007
ctpA
slr0008
rbcL
slr0009
rbcX
2470000
2471250
2472500
2473750
2475000
2476250
2477500
2478750
2480000
sll0019
sll0018
fbaA, fda
sll0017
hemL
sll0016
mltA
1000
25000
1e+05
Position (nt)

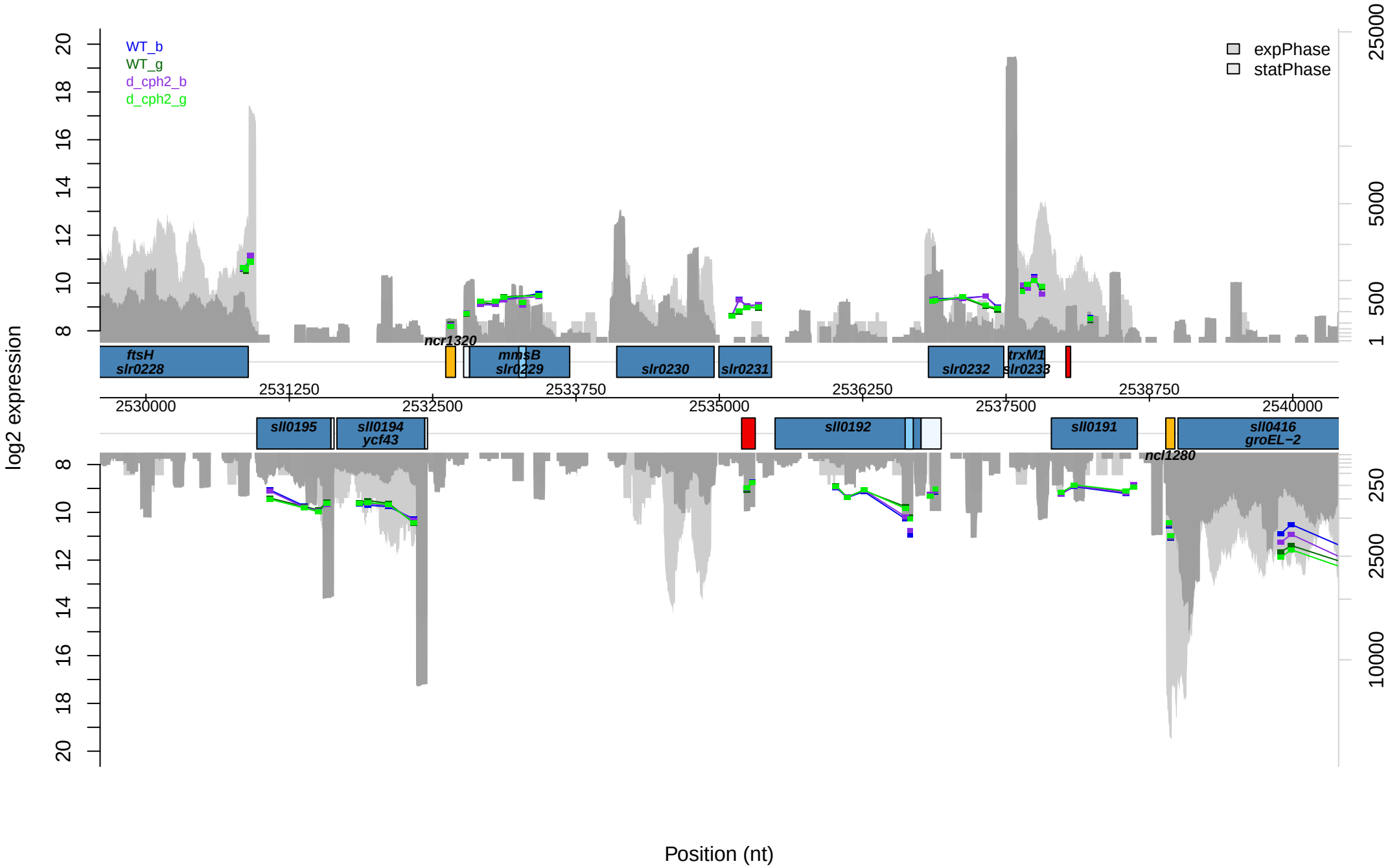

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rbcX
slr0011
rbcS
slr0012
slr0013
mgtC
slr0014
lpxB
slr0015
slr0016
murA
slr0017
fumC
slr0018
sll0012
ssl0020
petF
sll0010
2480000
2481250
2482500
2483750
2485000
2486250
2487500
2488750
2490000

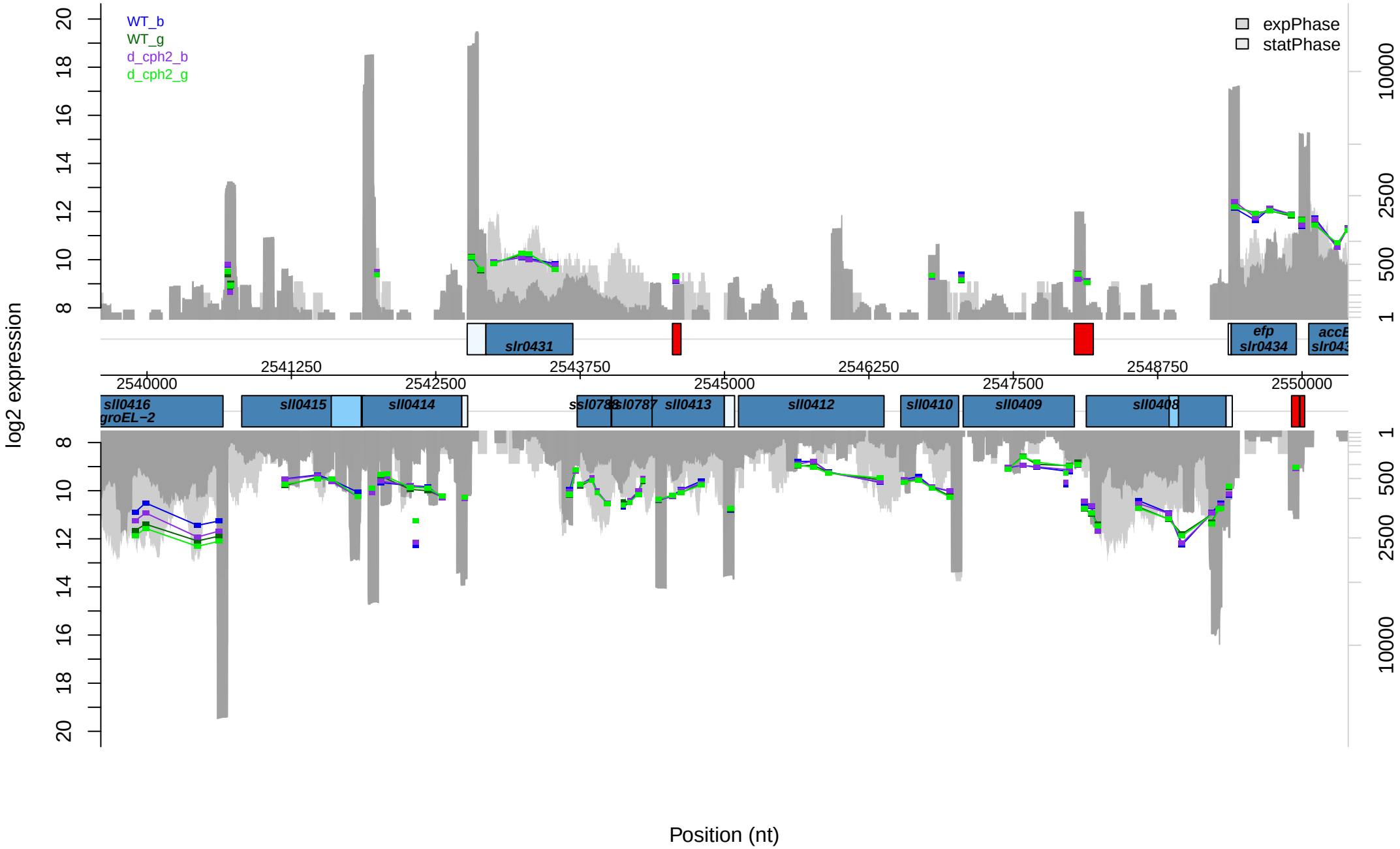

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0019
recG
slr0020
sll0008
sll0007
sll0006
aspC
sll0005
2490000
2491250
2492500
2493750
2495000
2496250
2497500
2498750
2500000

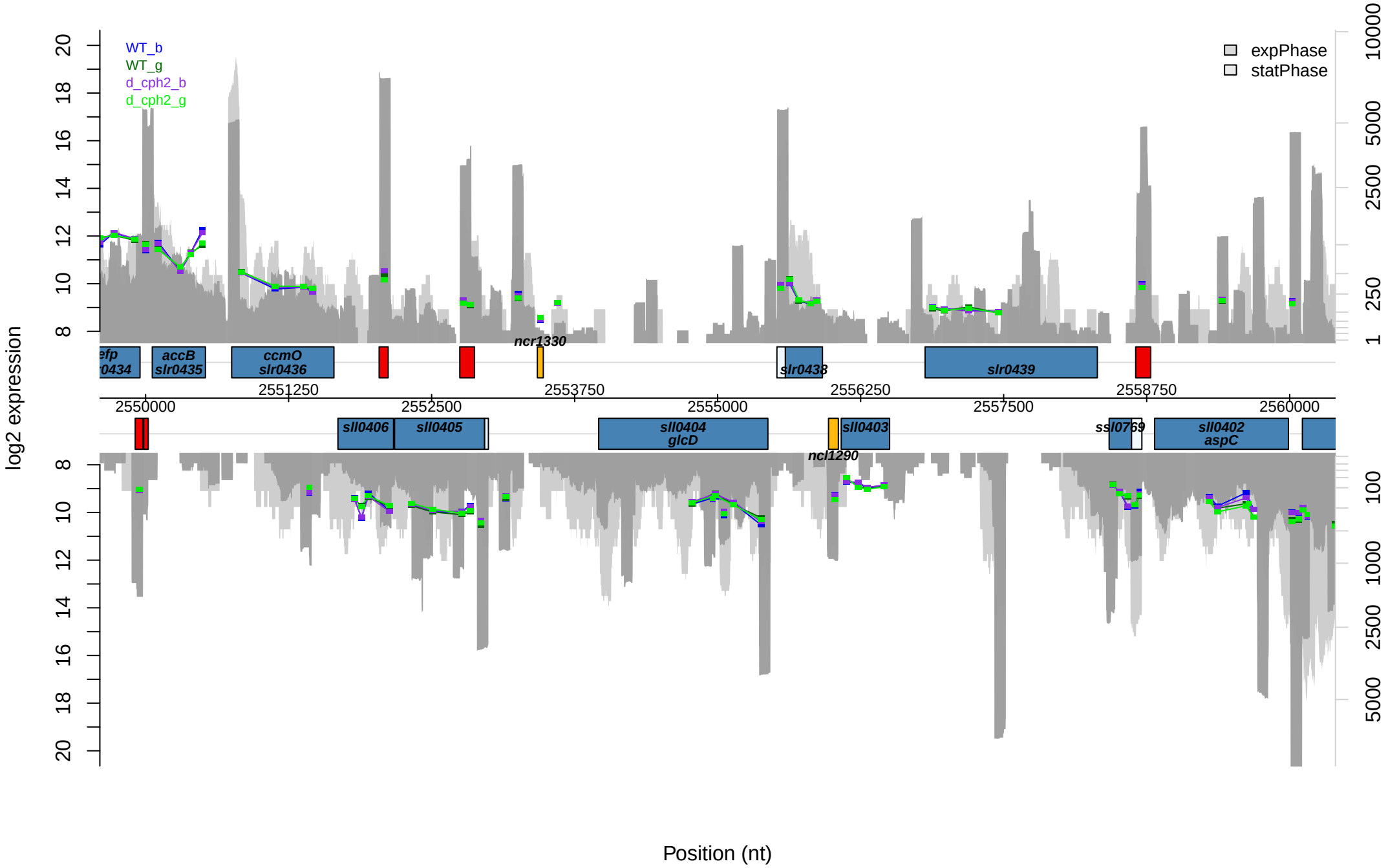

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sppA
slr0021
guaA
slr0213
slr0214
cobP
slr0216
slr0217
ncr1290
ssr0349
sll0002
ponA
sll0210
uppP
2500000
2501250
2502500
2503750
2505000
2506250
2507500
2508750
2510000

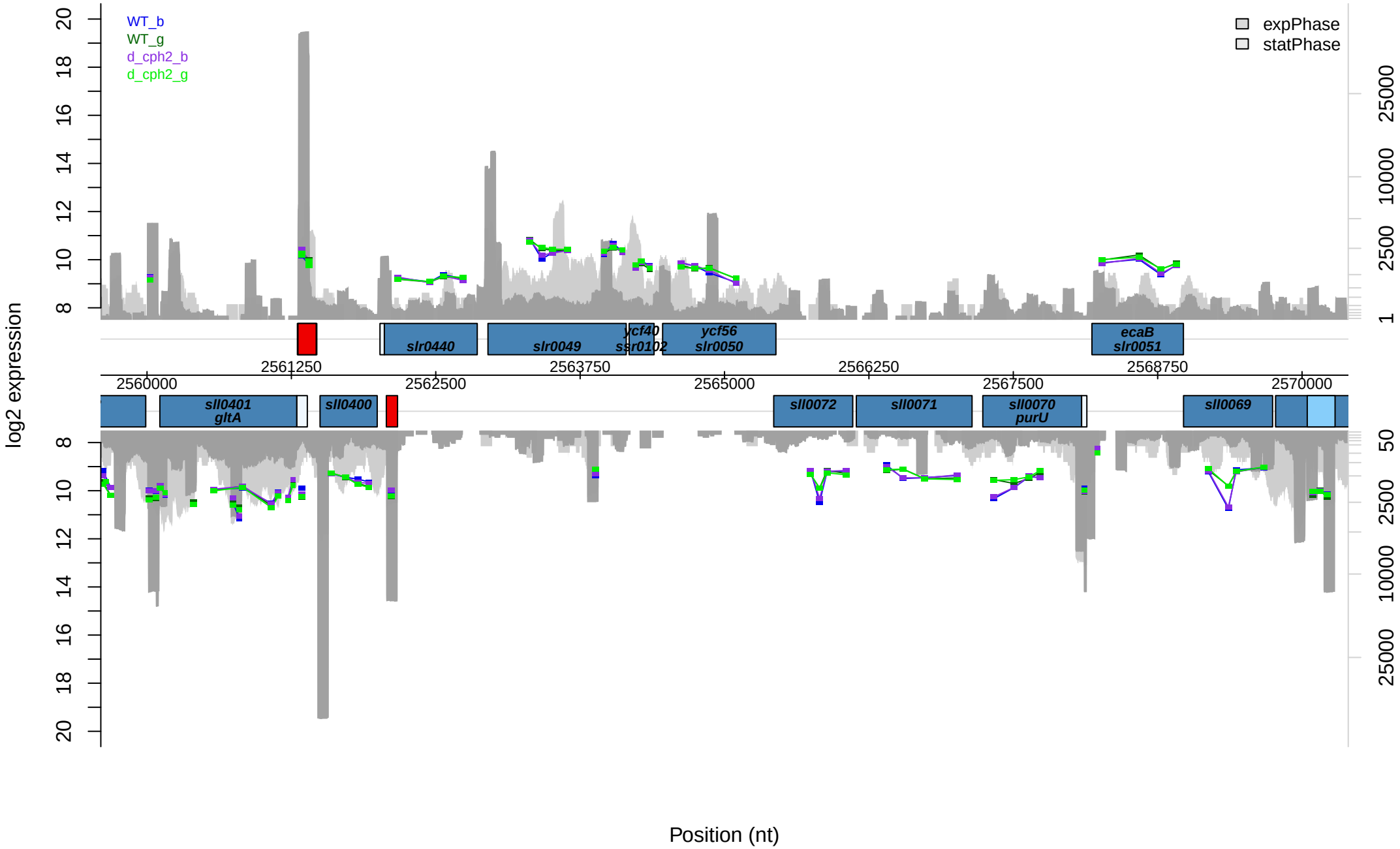

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1300
glyS
slr0220
hik25
slr0222
ssr0349
sll0209
sll0208
SyR3
ncl1255
sll0207
rfbA
sll0385
sll0204
gidA
2510000
2511250
2512500
2513750
2515000
2516250
2517500
2518750
2520000

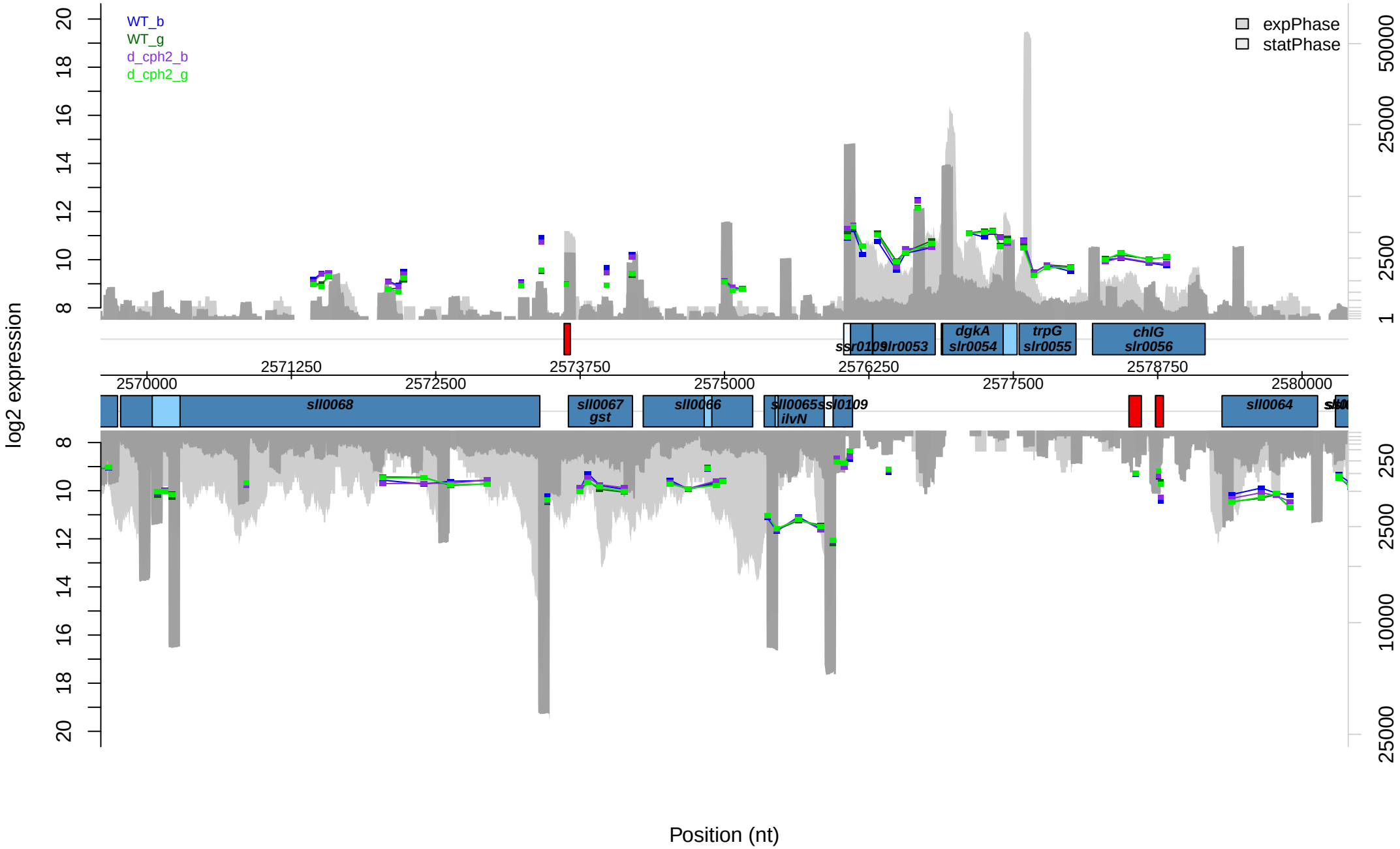

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hik25
slr0222
slr0224
ncr1310
slr0226
ftsH
slr0228
sll0202
gidA
sll0201
sll0200
petE
sll0198
2520000
2521250
2522500
2523750
2525000
2526250
2527500
2528750
2530000

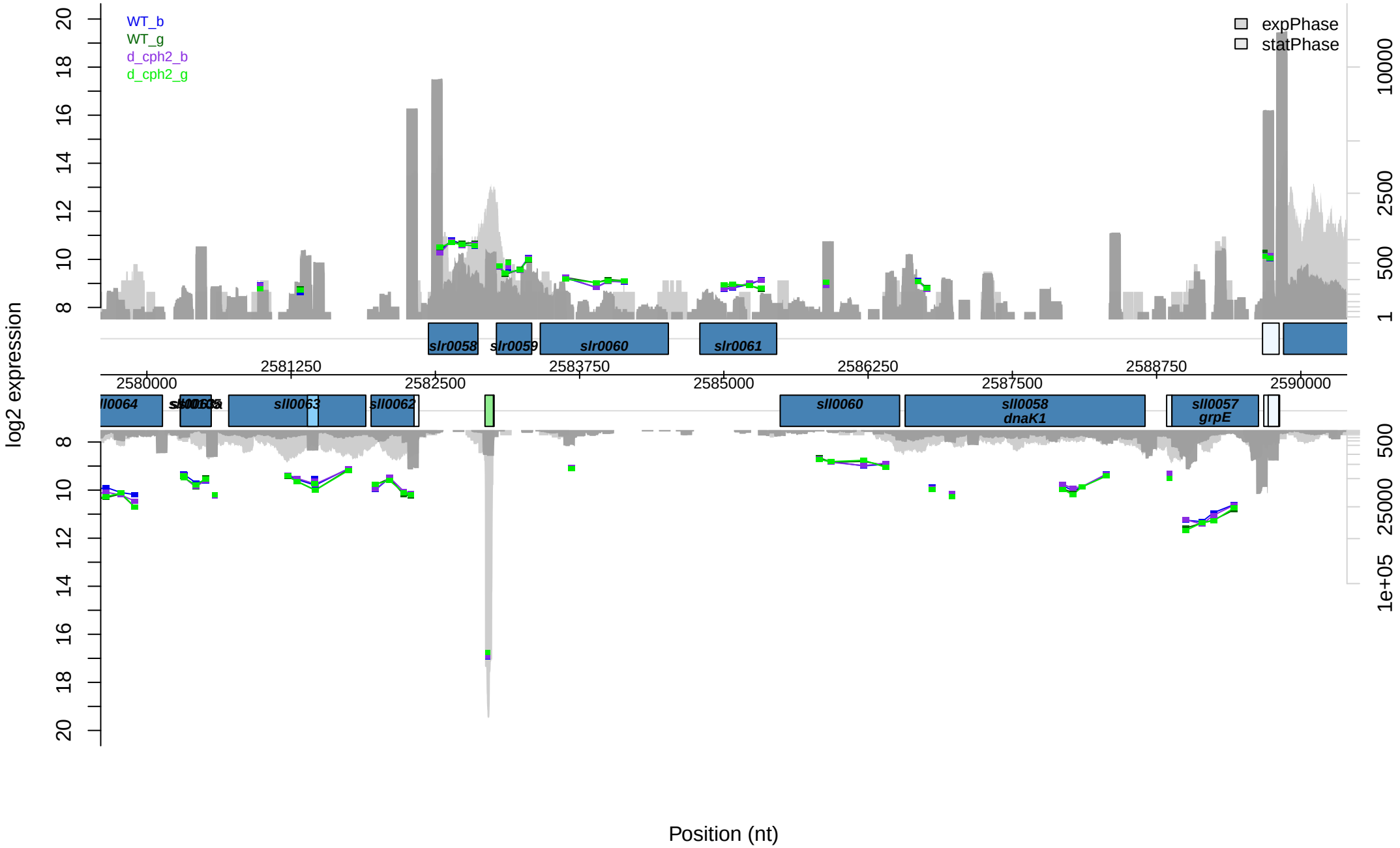

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ftsH
slr0228
ncr1320
mnsB
slr0229
slr0230
slr0231
slr0232
trxM1
slr0233
sll0195
sll0194
ycf43
sll0192
sll0191
sll0416
groEL−2
ncl1280
2530000
2531250
2532500
2533750
2535000
2536250
2537500
2538750
2540000

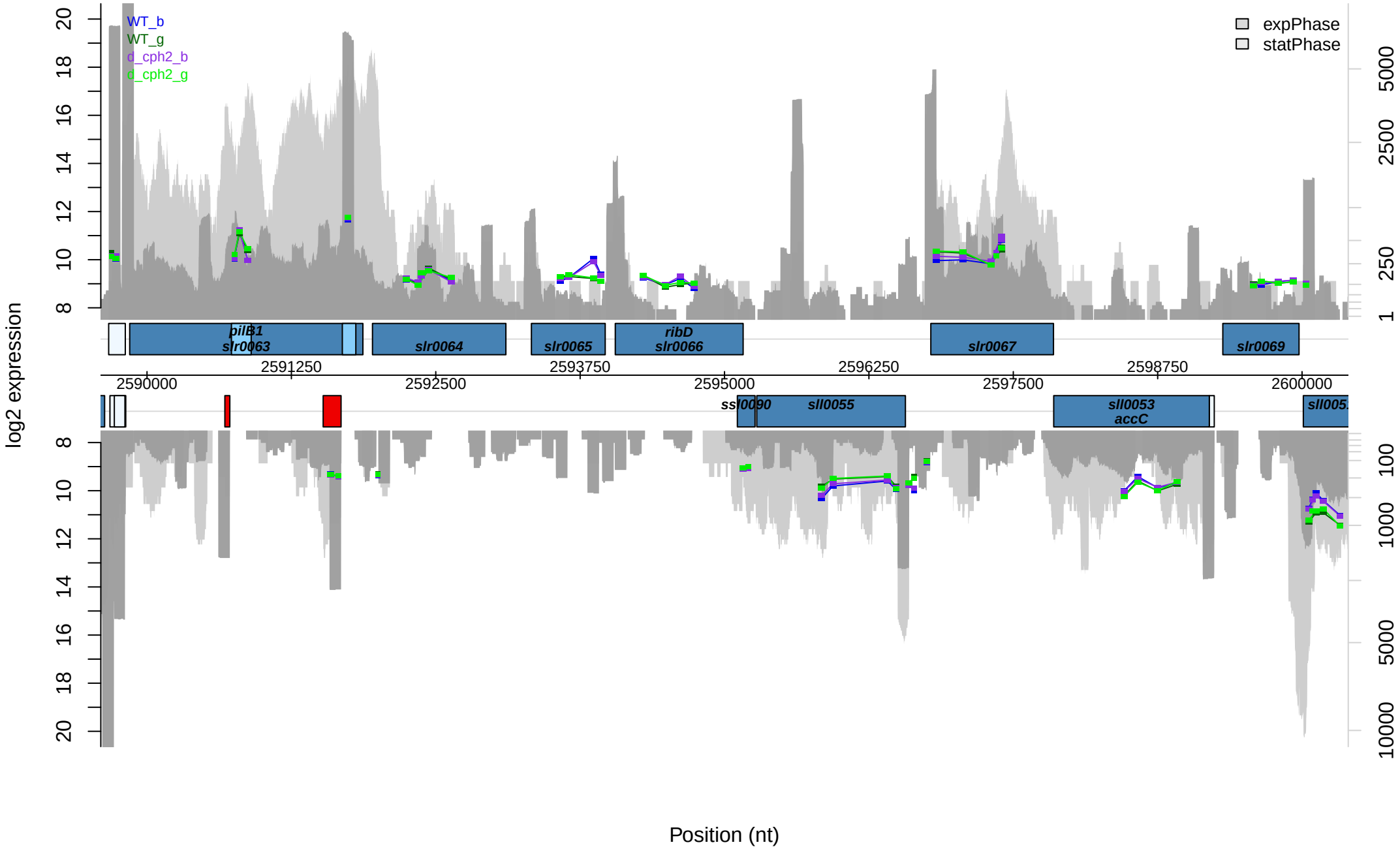

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0431
efp
slr0434
2540000
2541250
2542500
2543750
2545000
2546250
2547500
2548750
2550000
sll0416
groEL−2
sll0415
sll0414
sll0413
sll0412
sll0410
sll0409
sll0408

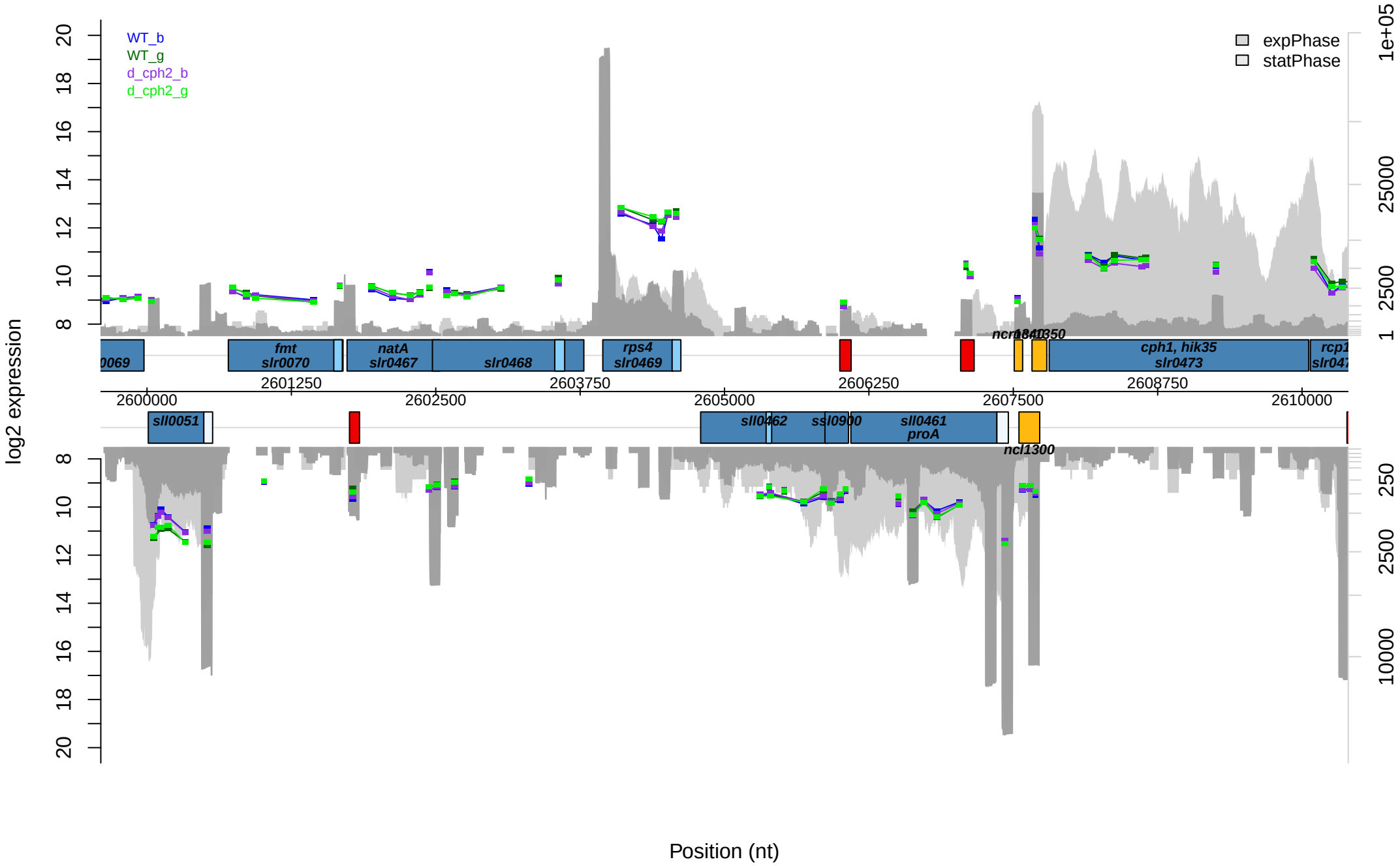

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1330
ncl1290
accB
slr0435
ccmO
slr0436
slr0438
slr0439
sll0406
sll0405
sll0404
glcD
sll0403
sll0402
aspC
2550000
2551250
2552500
2553750
2555000
2556250
2557500
2558750
2560000

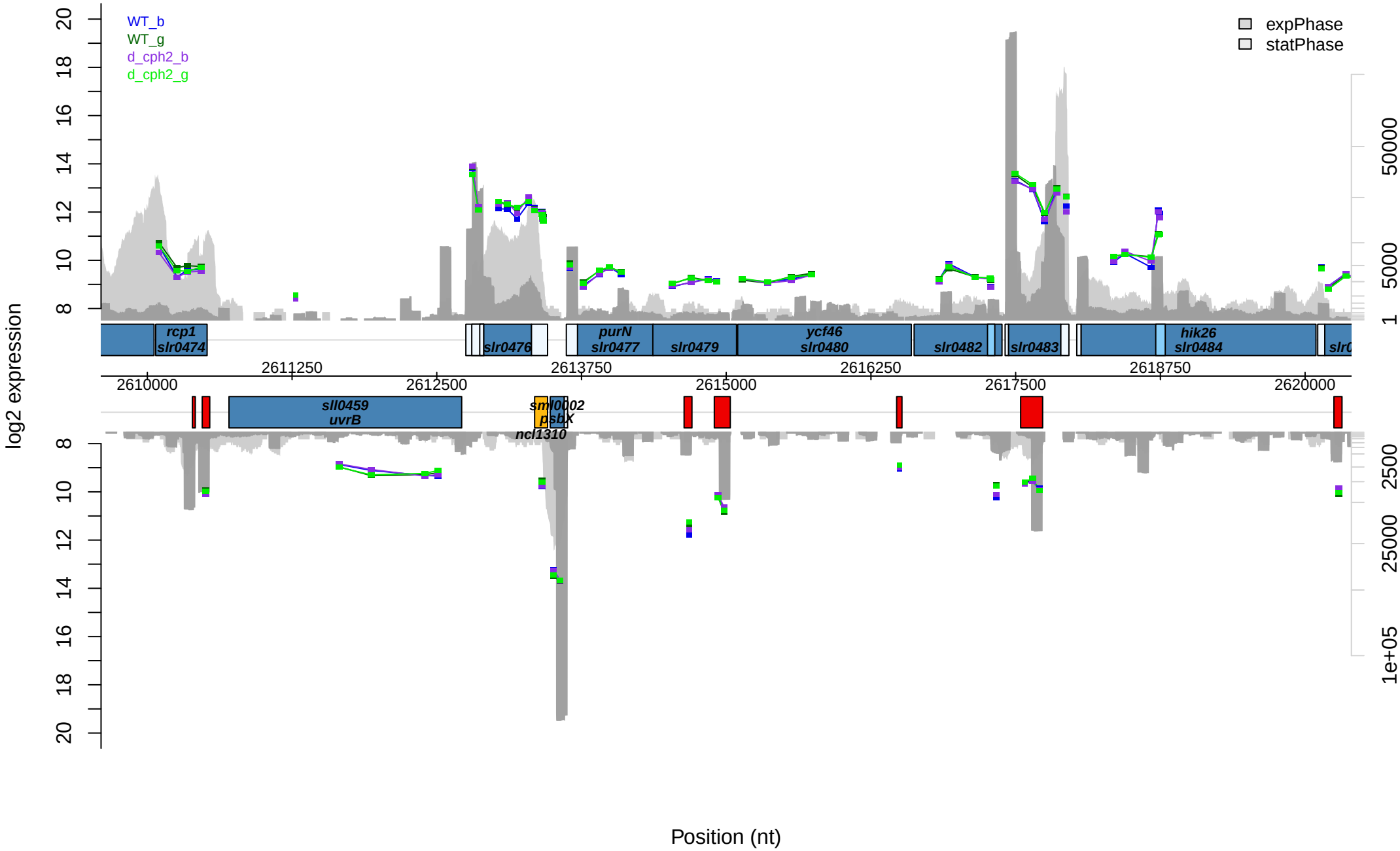

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0440
slr0049
ycf40
ssr0102
ycf56
slr0050
ecaB
slr0051
sll0401
gltA
sll0400
sll0072
sll0071
sll0070
purU
sll0069
2560000
2561250
2562500
2563750
2565000
2566250
2567500
2568750
2570000

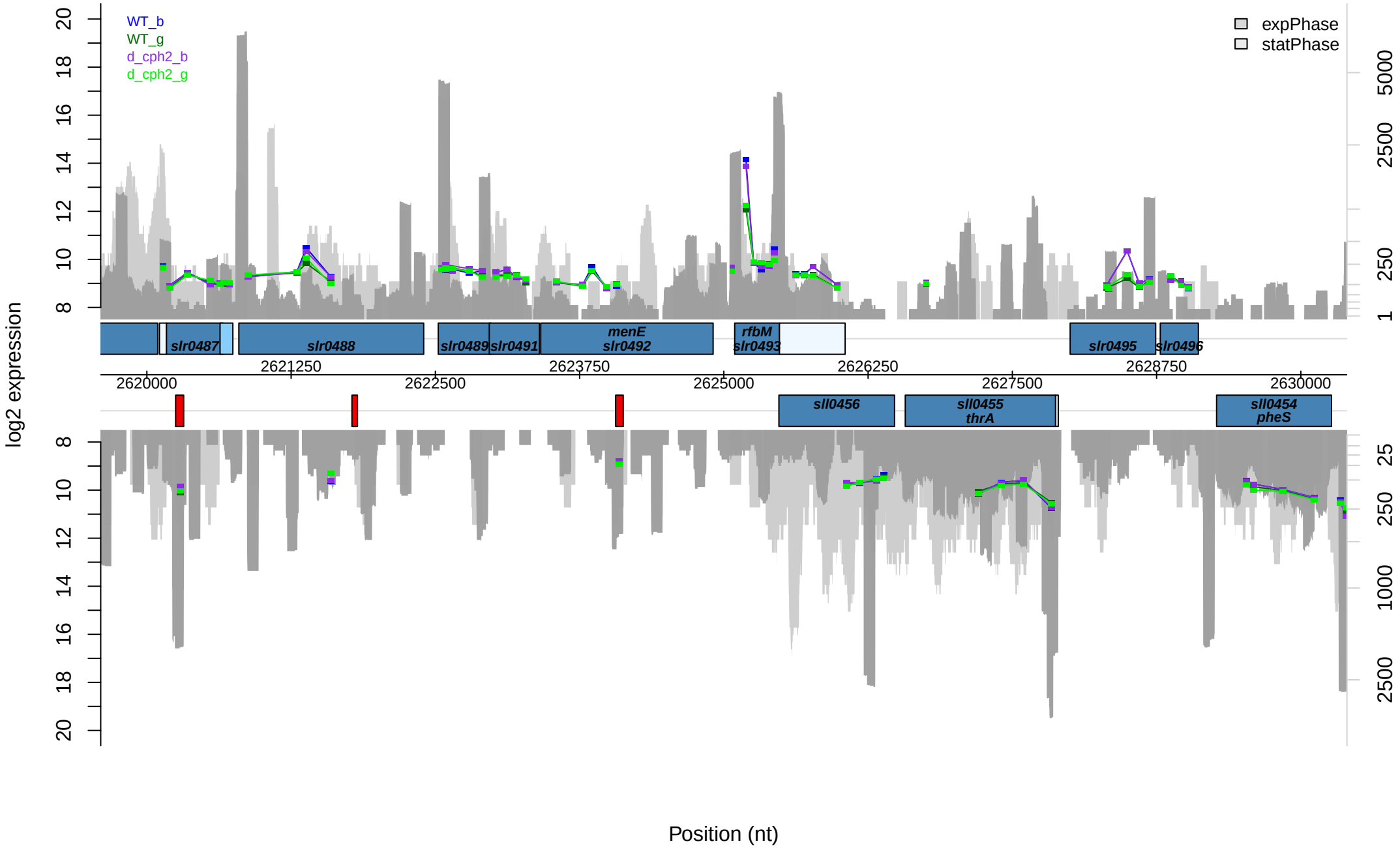

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
2570000
2571250
2572500
2573750
2575000
2576250
2577500
2578750
2580000
sll0068
sll0067
gst
sll0066
sll0065
ilvN
ssl0109
slr0053
dgkA
slr0054
trpG
slr0055
chlG
slr0056
sll0064

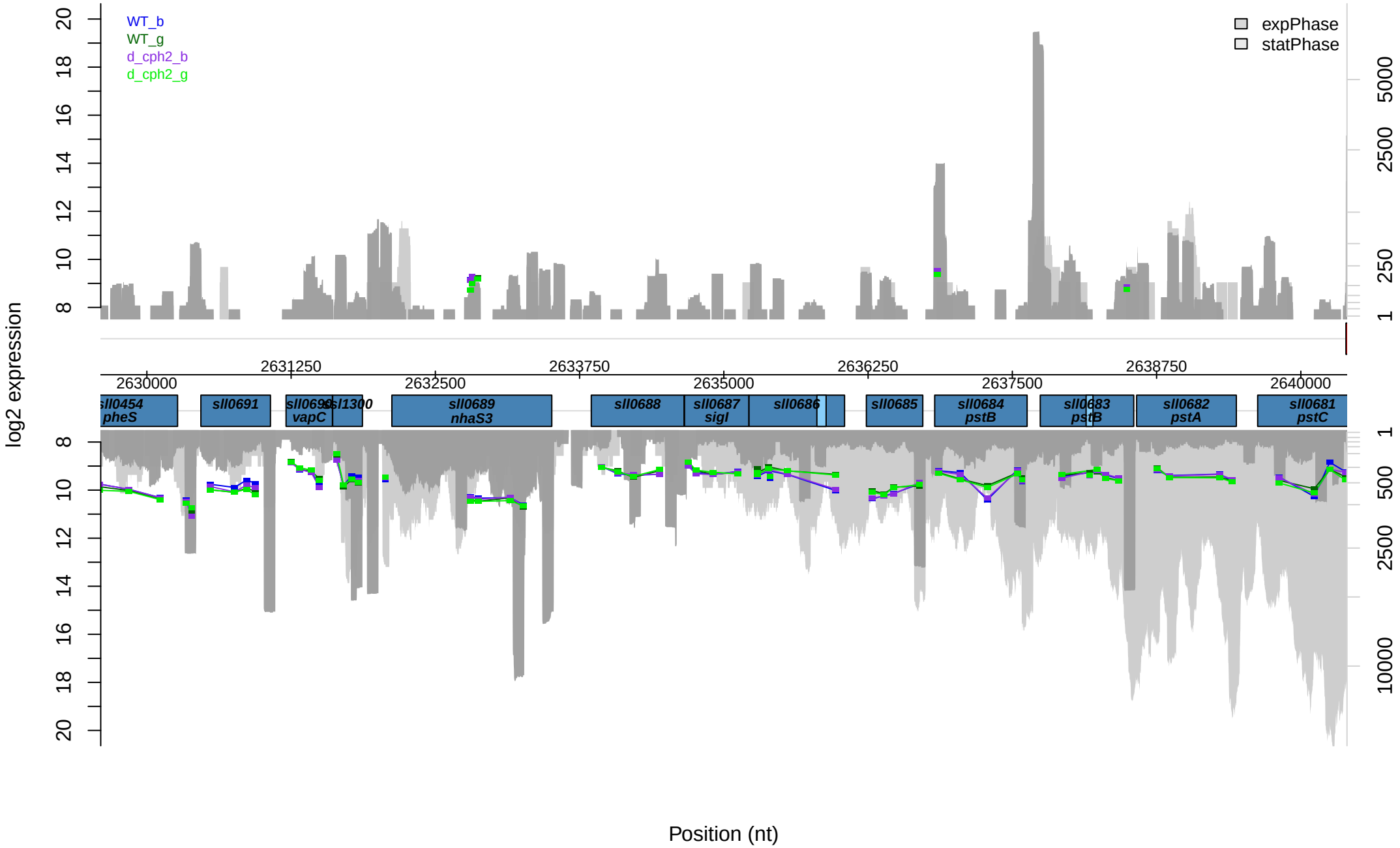

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0058
slr0059
slr0060
slr0061
sll0063
sll0062
sll0060
sll0058
dnaK1
sll0057
grpE
2580000
2581250
2582500
2583750
2585000
2586250
2587500
2588750
2590000

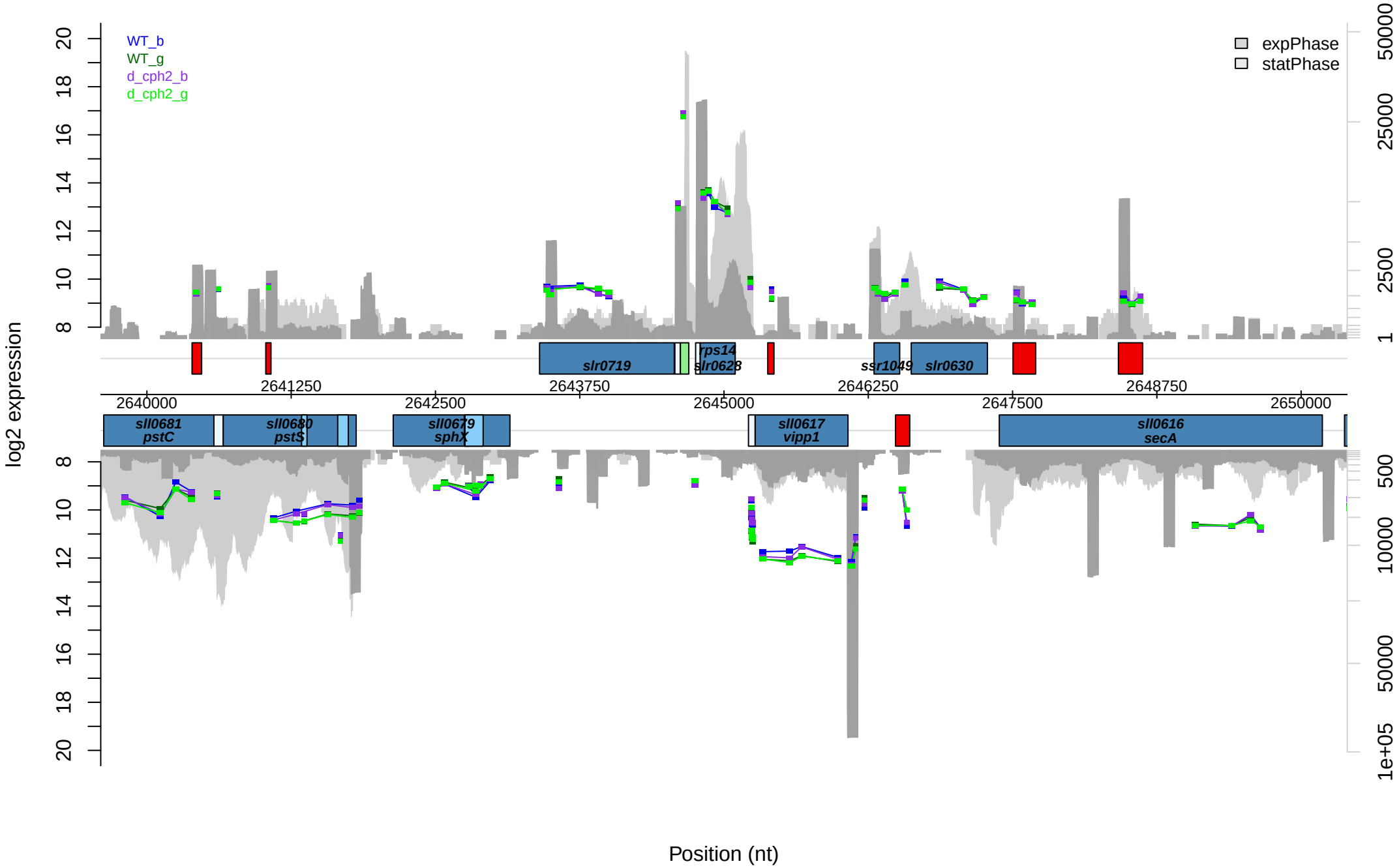

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
pilB1
slr0063
slr0064
slr0065
ribD
slr0066
slr0067
slr0069
2590000
2591250
2592500
2593750
2595000
2596250
2597500
2598750
2600000
ssl0090
sll0055
sll0053
accC
sll005
Position (nt)

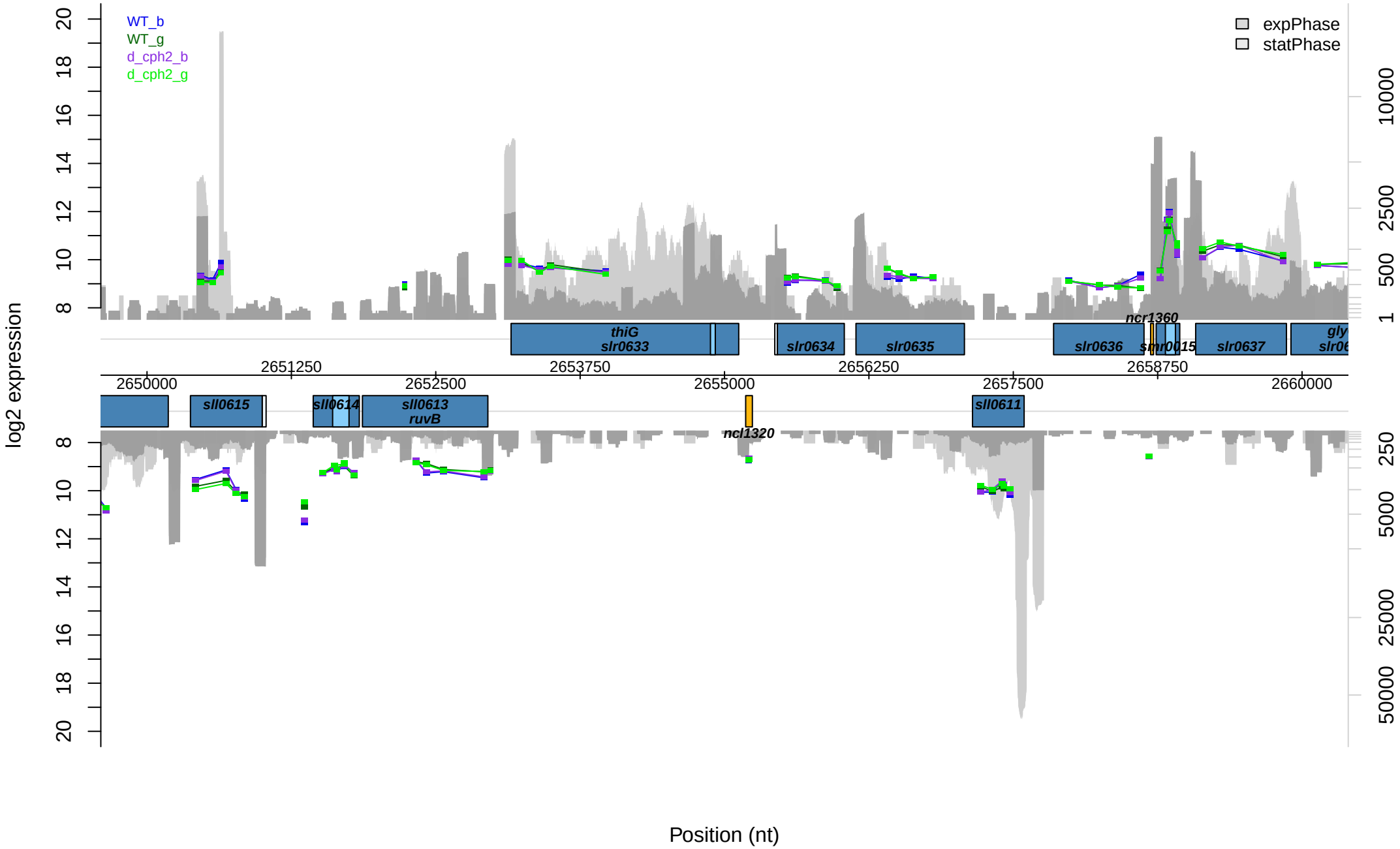

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
fmt
slr0070
natA
slr0467
slr0468
rps4
slr0469
cph1, hik35
slr0473
sll0051
sll0462
ssl0900
sll0461
proA
ncl1300
2600000
2601250
2602500
2603750
2605000
2606250
2607500
2608750
2610000

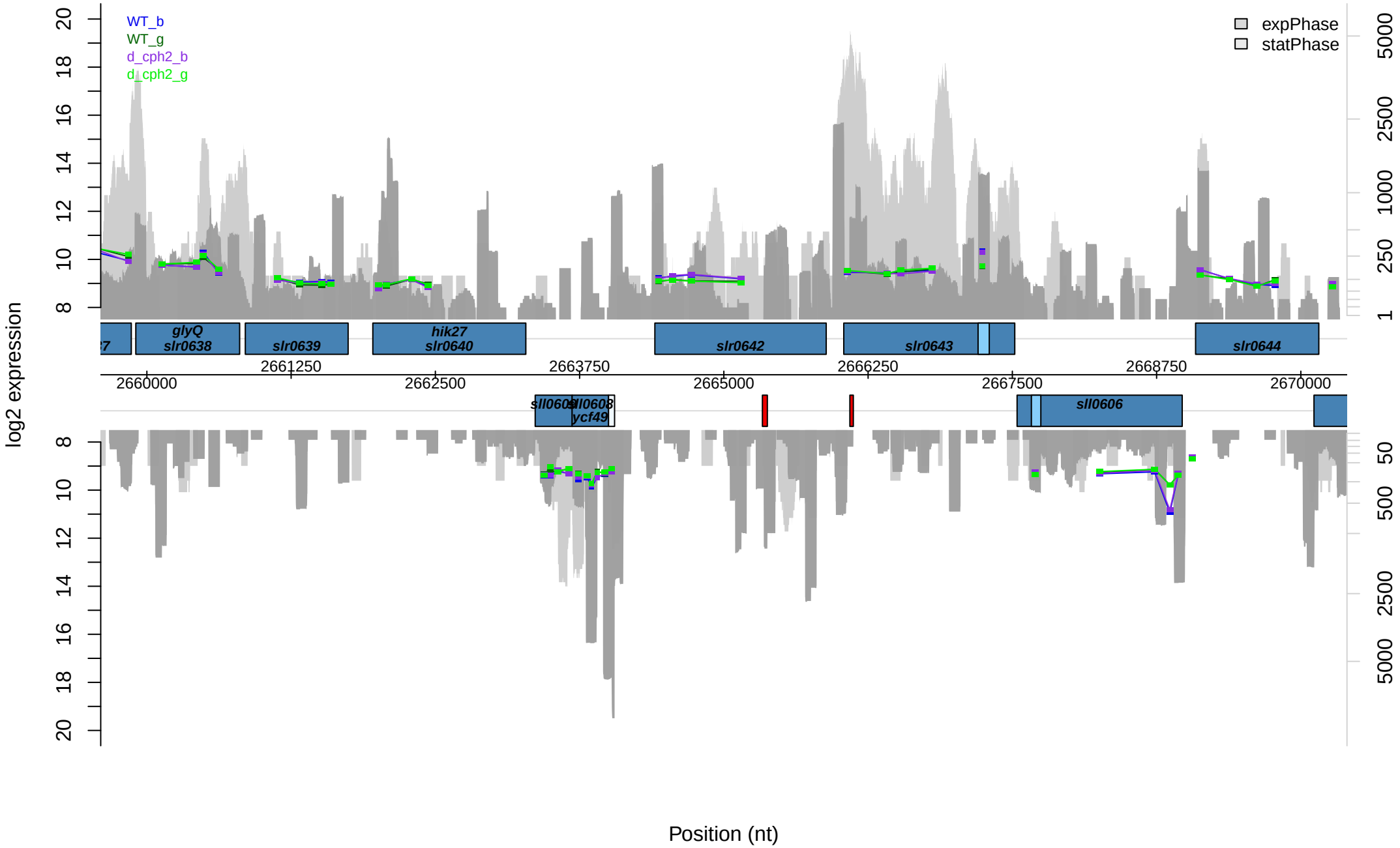

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
rcp1
slr0474
slr0476
purN
slr0477
slr0479
ycf46
slr0480
slr0482
slr0483
hik26
slr0484
2610000
2611250
2612500
2613750
2615000
2616250
2617500
2618750
2620000
sll0459
uvrB
smf0002
psbX
ncl1310

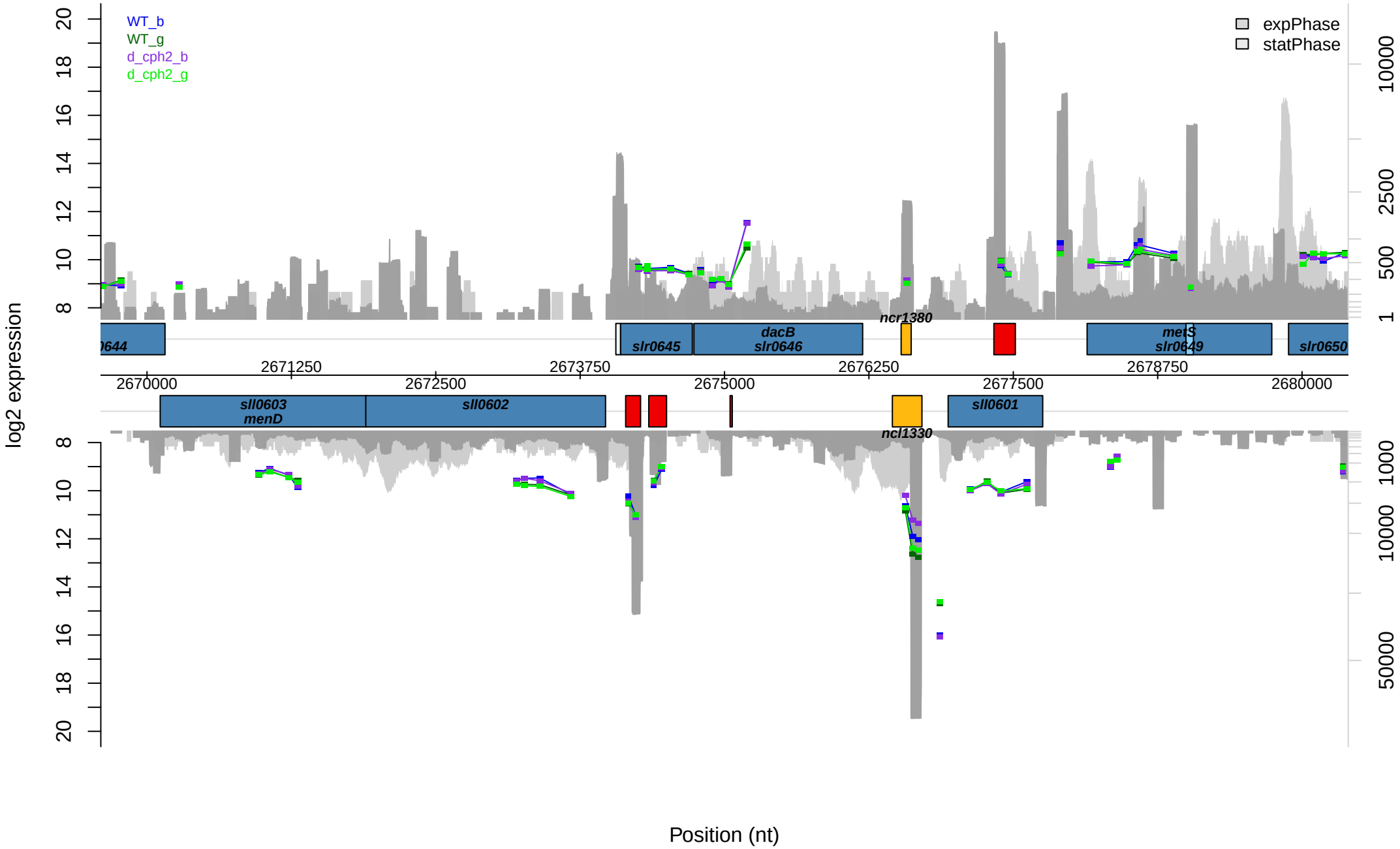

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0487
slr0488
slr0489
slr0491
menE
slr0492
rfbM
slr0493
slr0495
slr0496
sll0456
sll0455
thrA
sll0454
pheS
2620000
2621250
2622500
2623750
2625000
2626250
2627500
2628750
2630000

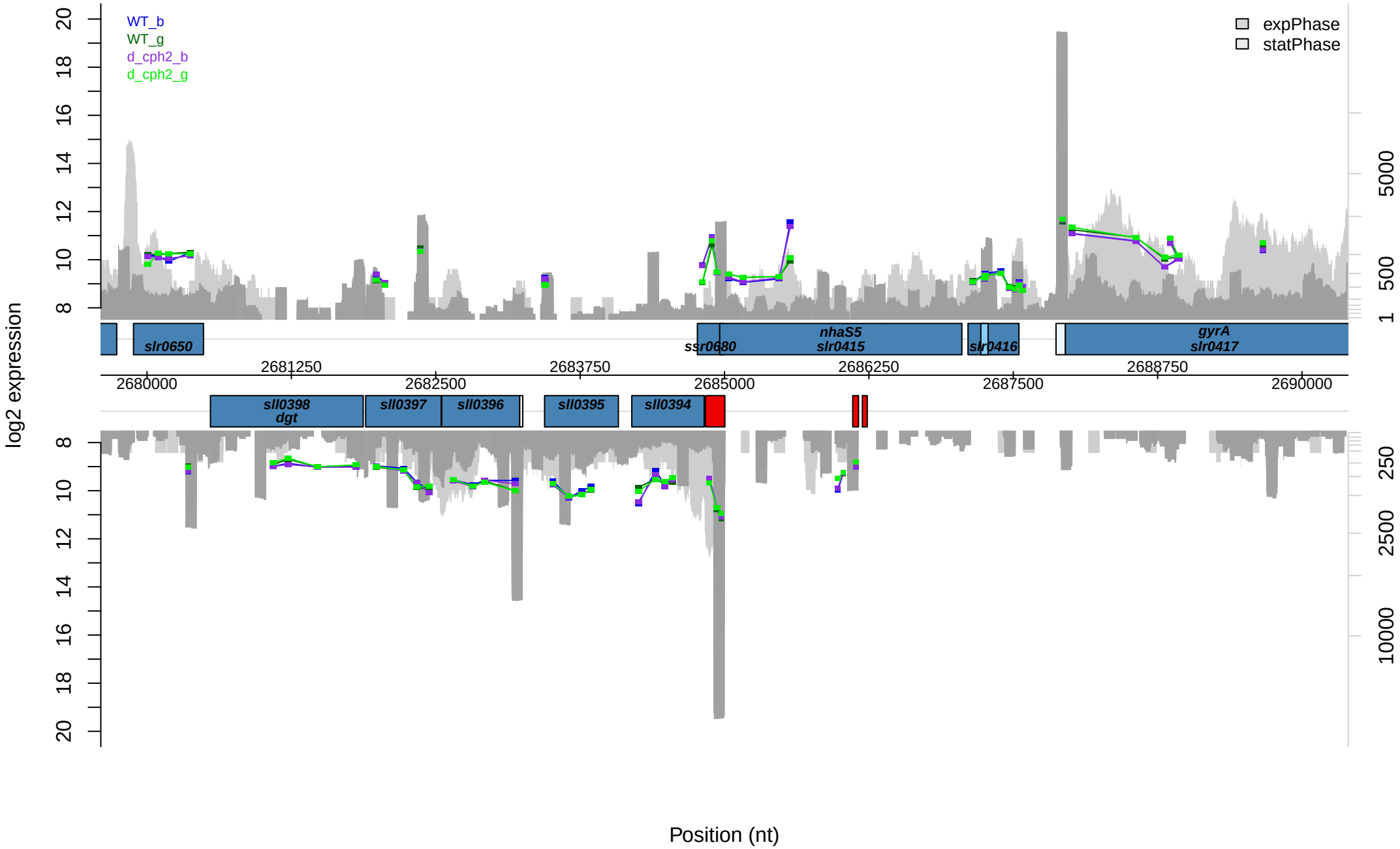

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
2630000
2631250
2632500
2633750
2635000
2636250
2637500
2638750
2640000
sll0454 pheS
sll0691
sll0690 vapC
sll1300
sll0689 nhaS3
sll0688
sll0687 sigI
sll0686
sll0685
sll0684 pstB
sll0683 pstB
sll0682 pstA
sll0681 pstC

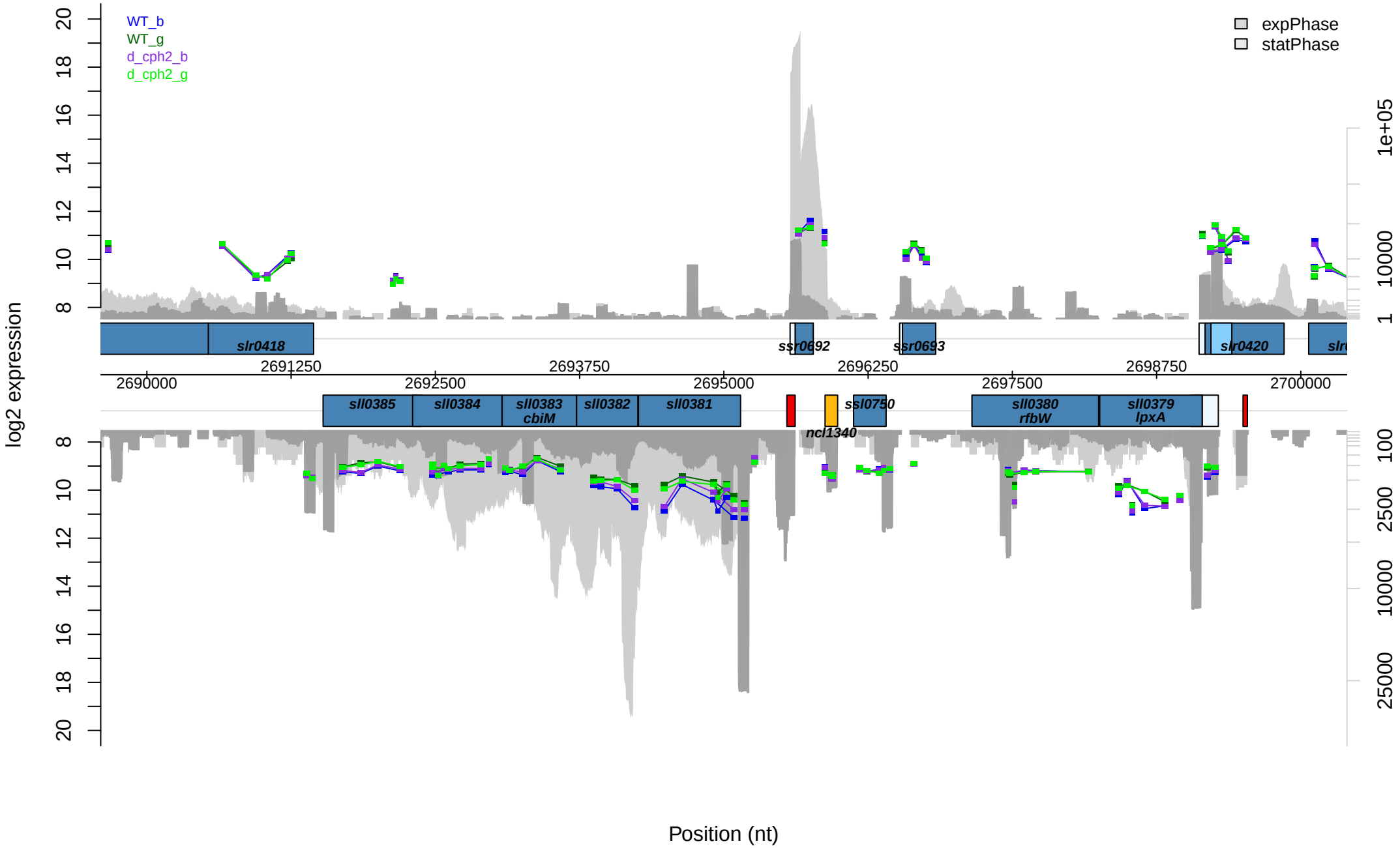

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0719
rps14
slr0628
ssr1049
slr0630
sll0681
pstC
sll0680
pstS
sll0679
sphX
sll0617
vipp1
sll0616
secA
2640000
2641250
2642500
2643750
2645000
2646250
2647500
2648750
2650000

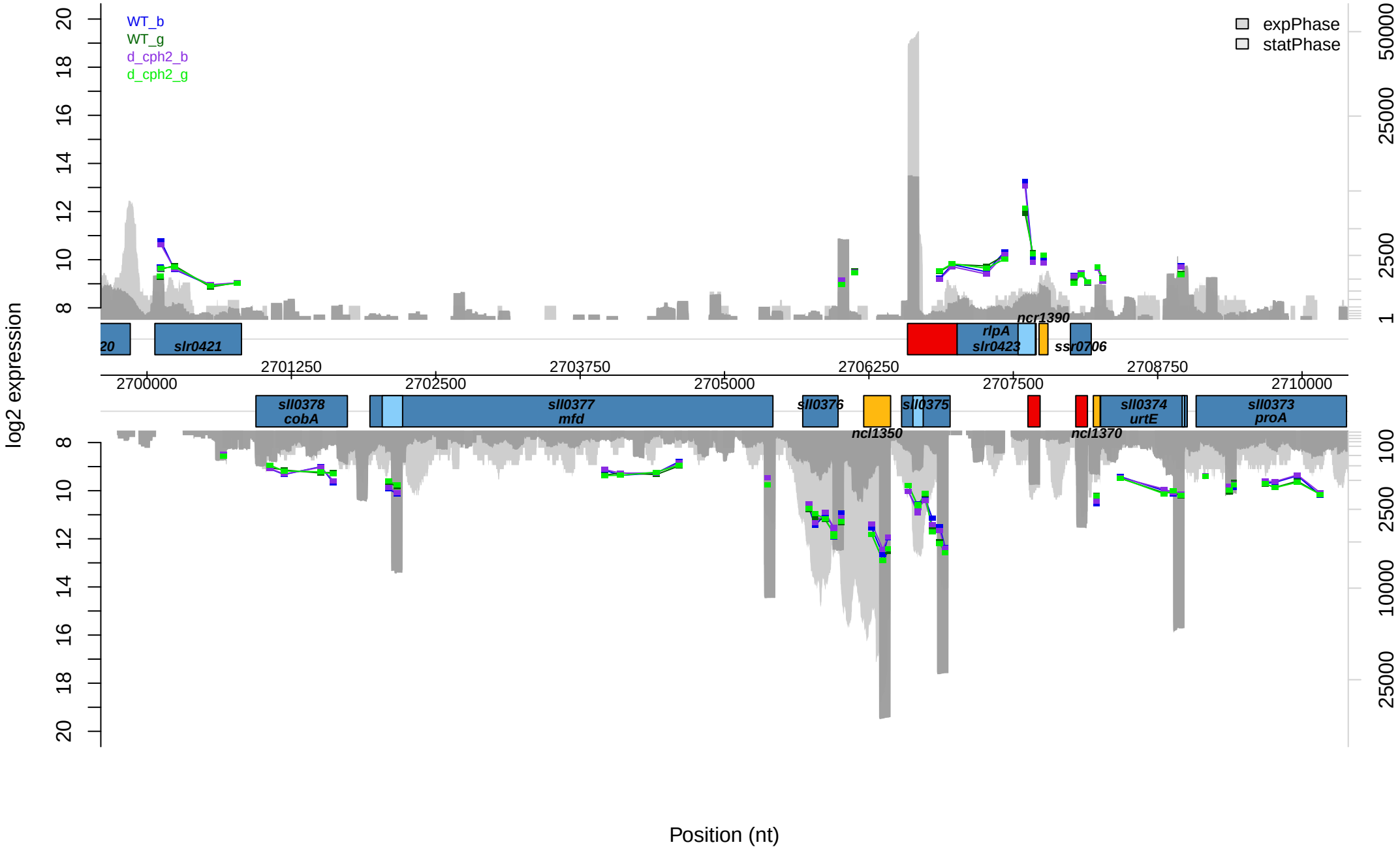

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
thiG
slr0633
slr0634
slr0635
ncr1360
slr0636
smr0015
slr0637
sll0615
sll0614
sll0613
ruvB
ncl1320
sll0611
2650000
2651250
2652500
2653750
2655000
2656250
2657500
2658750
2660000

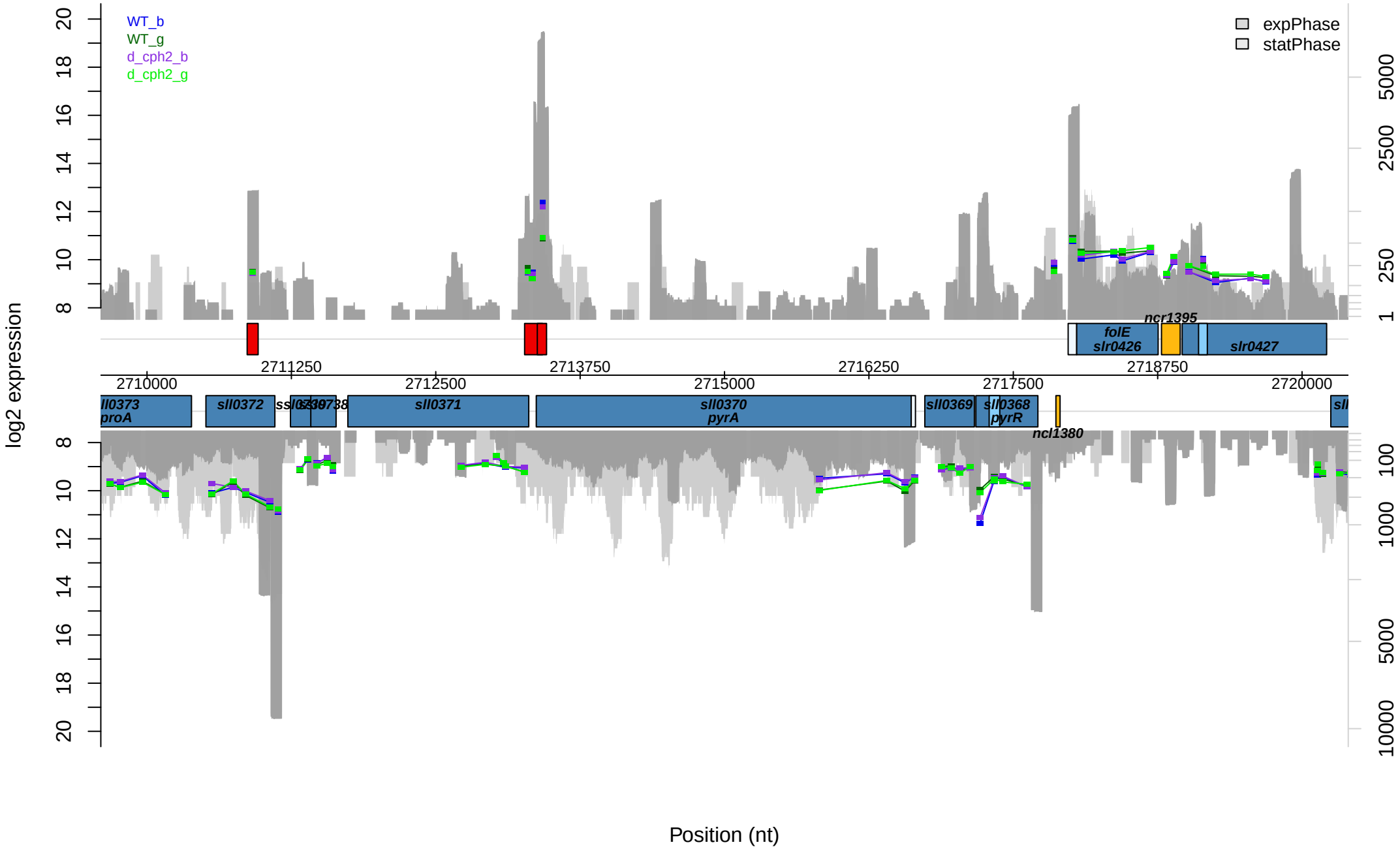

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
glyQ
slr0638
slr0639
hik27
slr0640
slr0642
slr0643
slr0644
sll0606
ycf49
2660000
2661250
2662500
2663750
2665000
2666250
2667500
2668750
2670000

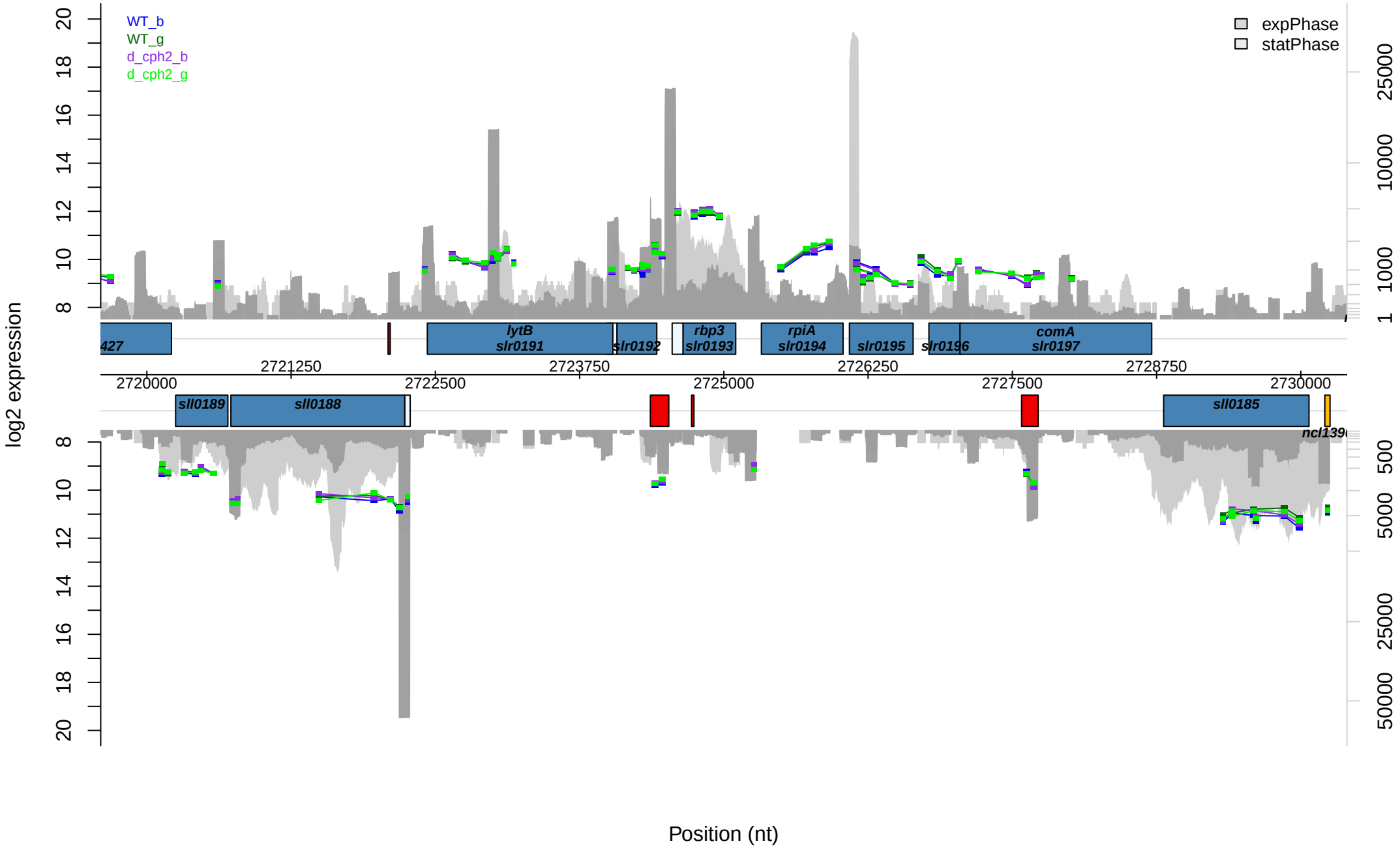

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
dacB
slr0645
slr0646
ncr1380
metS
slr0649
slr0650
sll0603
menD
sll0602
sll0601
ncl1330
2670000
2671250
2672500
2673750
2675000
2676250
2677500
2678750
2680000

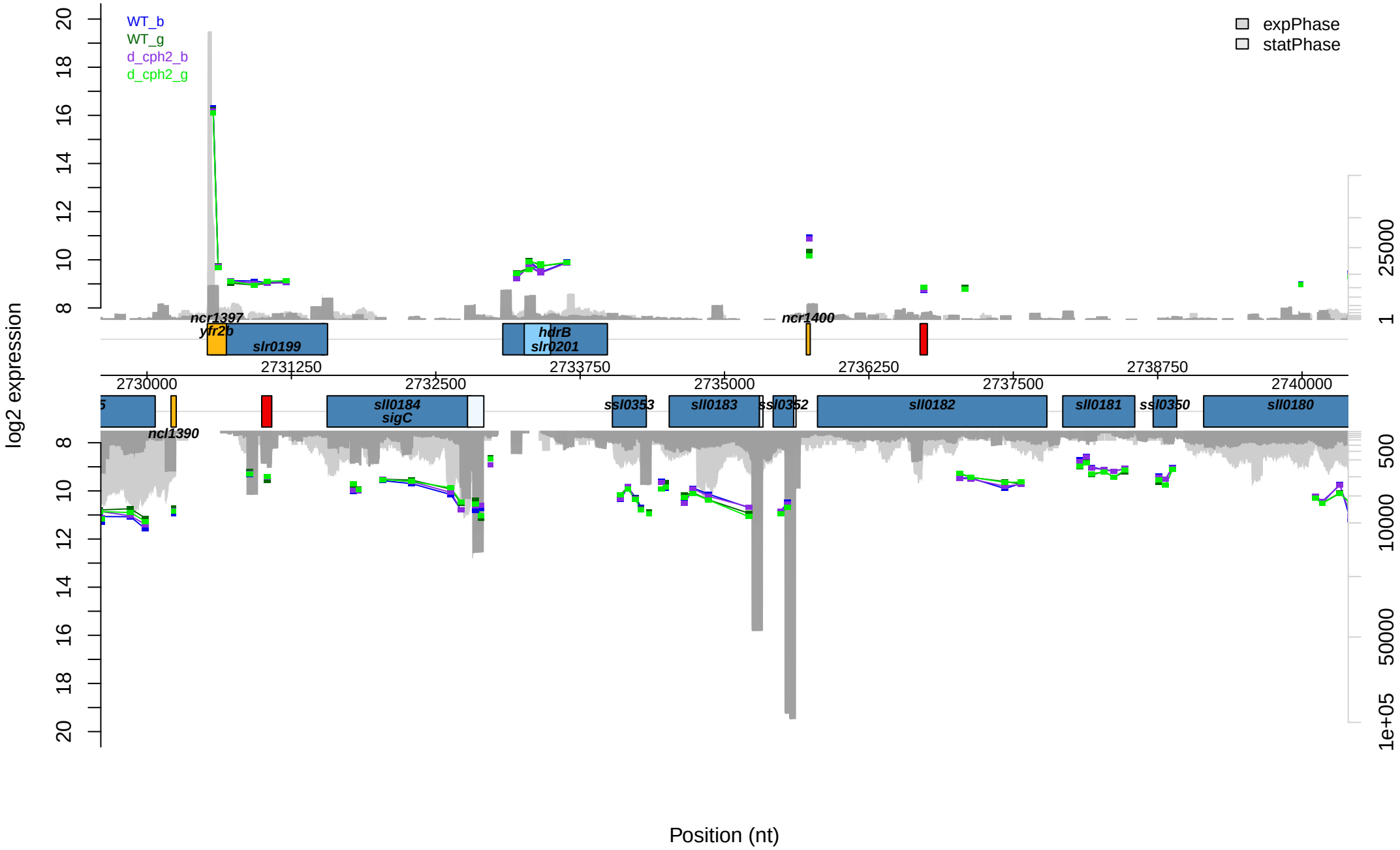

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0650
ssr0680
nhaS5
slr0415
slr0416
gyrA
slr0417
sll0398
dgt
sll0397
sll0396
sll0395
sll0394
2680000
2681250
2682500
2683750
2685000
2686250
2687500
2688750
2690000

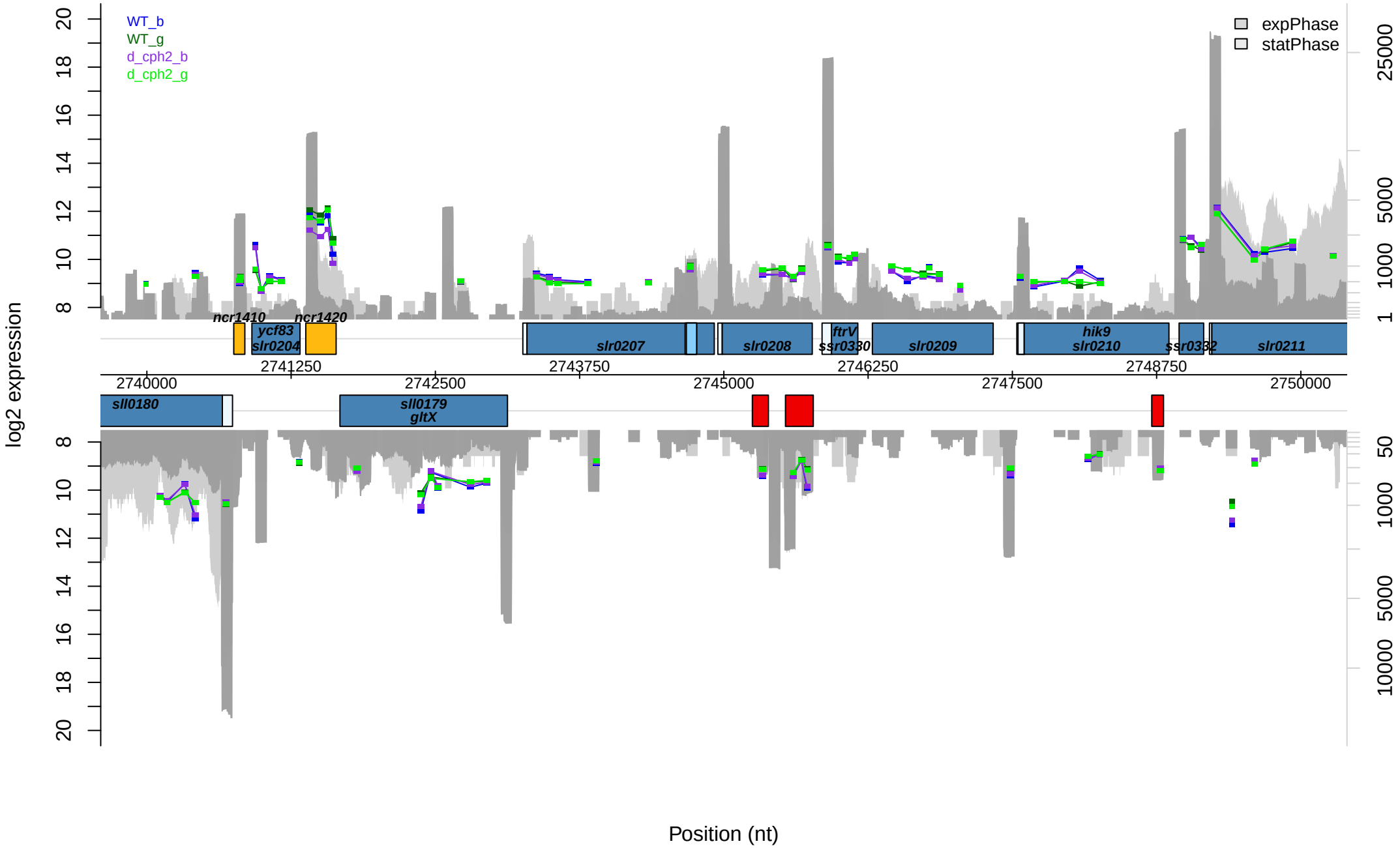

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0418
ssr0692
ssr0693
slr0420
sll0385
sll0384
sll0383
cbiM
sll0382
sll0381
ssl0750
ncl1340
sll0380
rfbW
sll0379
lpxA
2690000
2691250
2692500
2693750
2695000
2696250
2697500
2698750
2700000

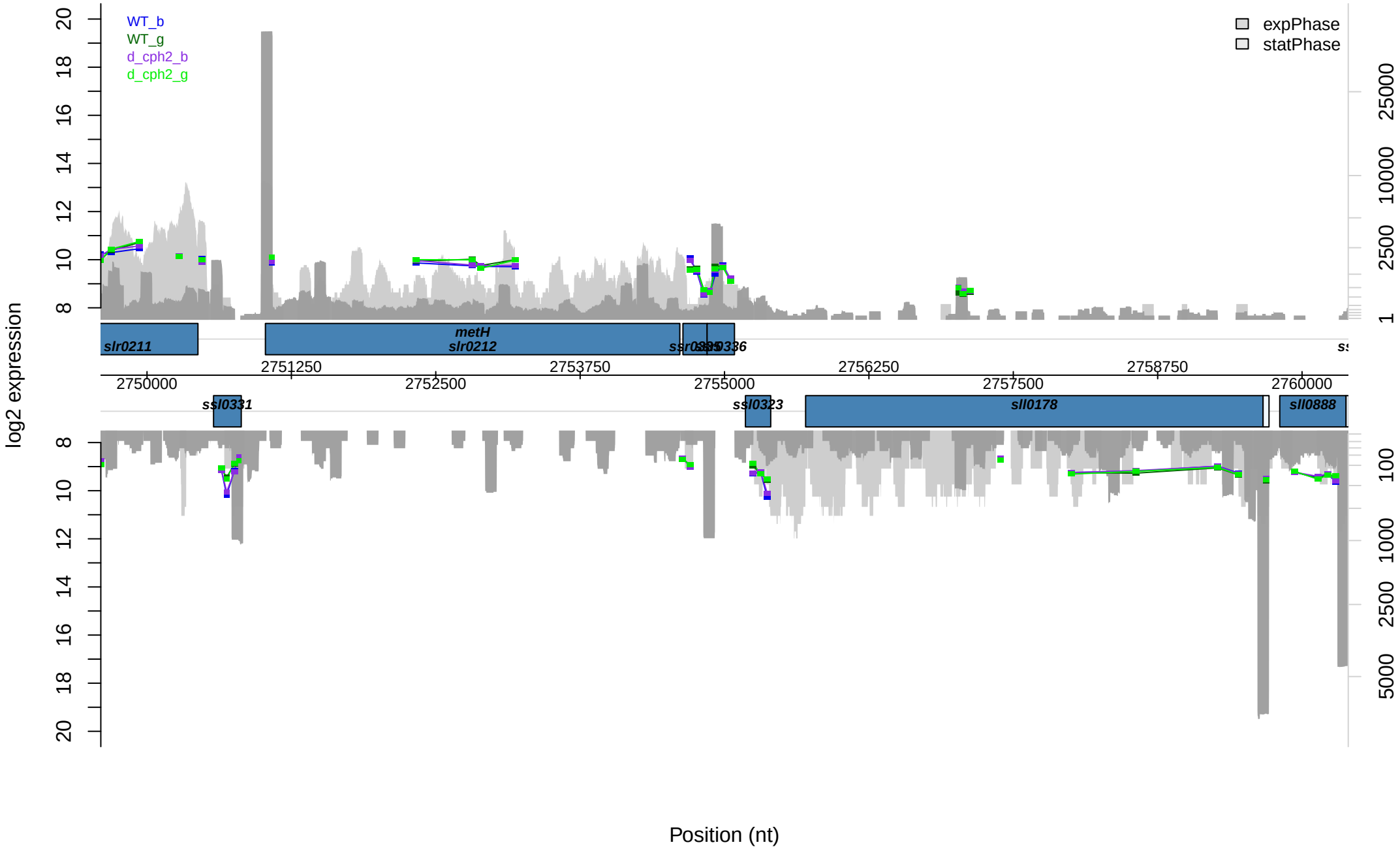

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
2700000
2701250
2702500
2703750
2705000
2706250
2707500
2708750
2710000
slr0421
ncr1390
rlpA
slr0423
ssr0706
sll0378
cobA
sll0377
mfd
sll0376
sll0375
ncl1350
ncl1370
sll0374
urtE
sll0373
proA

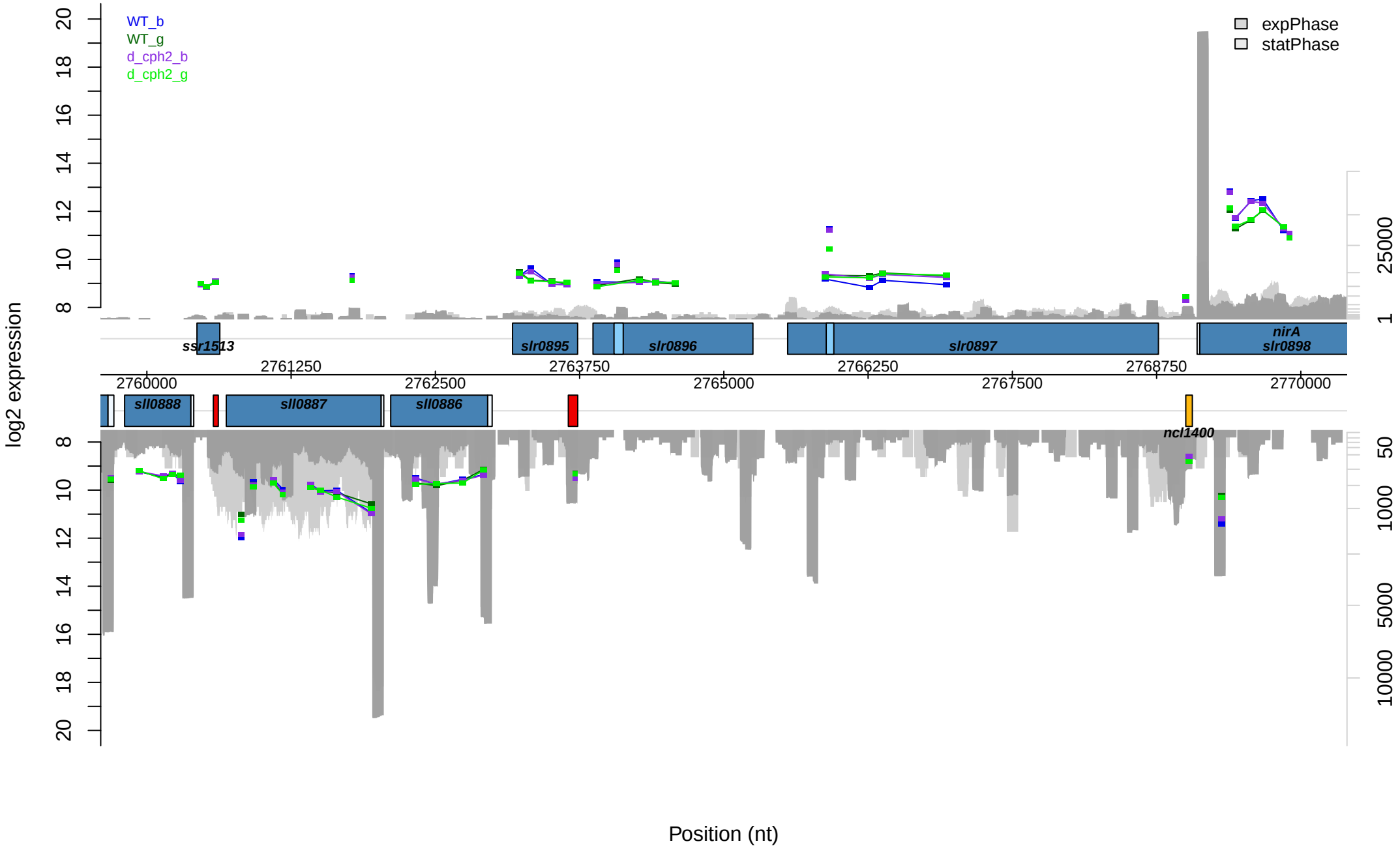

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1395
folE
slr0426
slr0427
2711250
2713750
2716250
2718750
2710000
2712500
2715000
2717500
2720000
ll0373
proA
sll0372
sll0371
sll0370
pyrA
sll0369
sll0368
pyrR
ncl1380

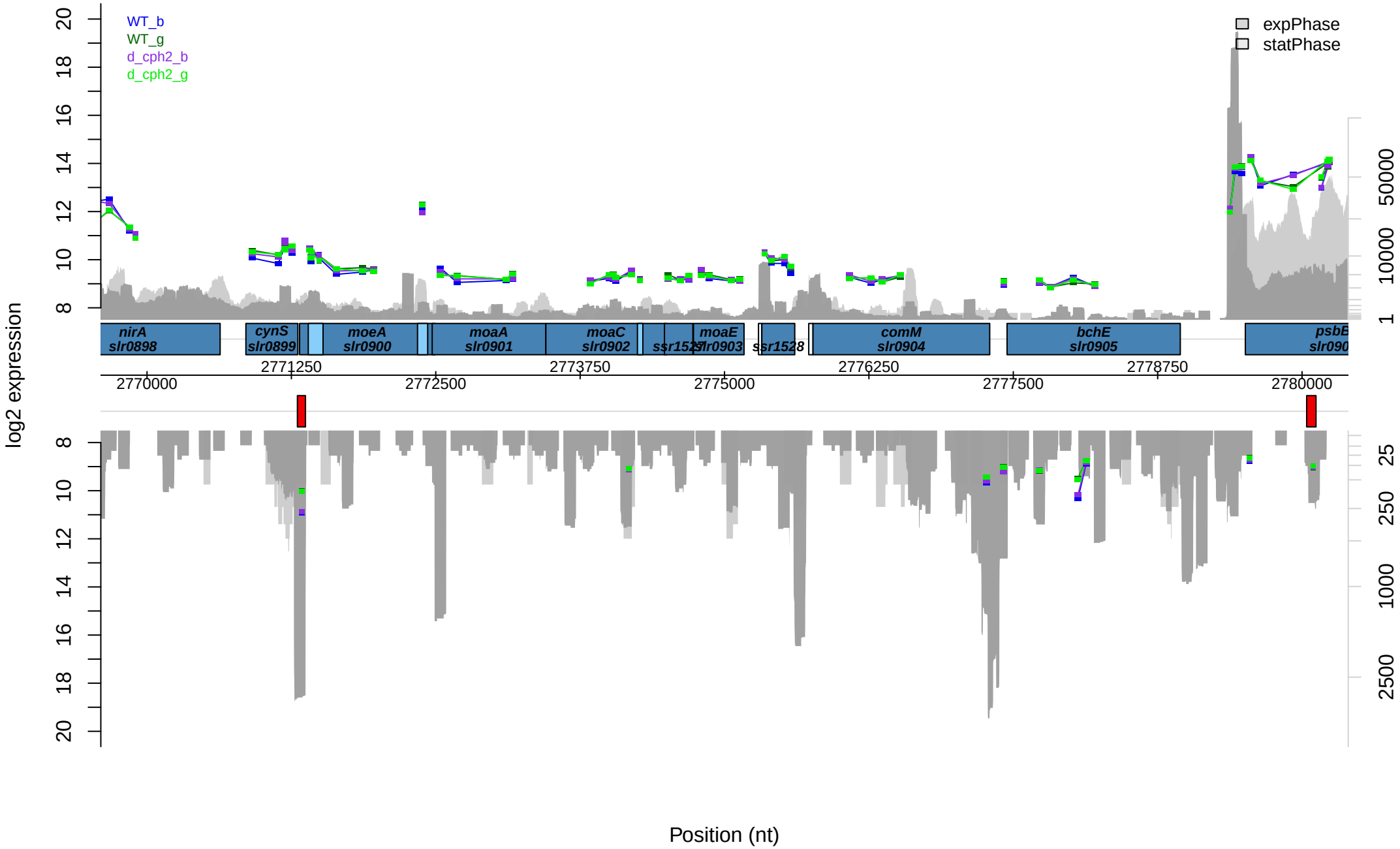

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
427
lytB
slr0191
slr0192
rbp3
slr0193
rpiA
slr0194
slr0195
slr0196
comA
slr0197
sll0189
sll0188
sll0185
2720000
2721250
2722500
2723750
2725000
2726250
2727500
2728750
2730000

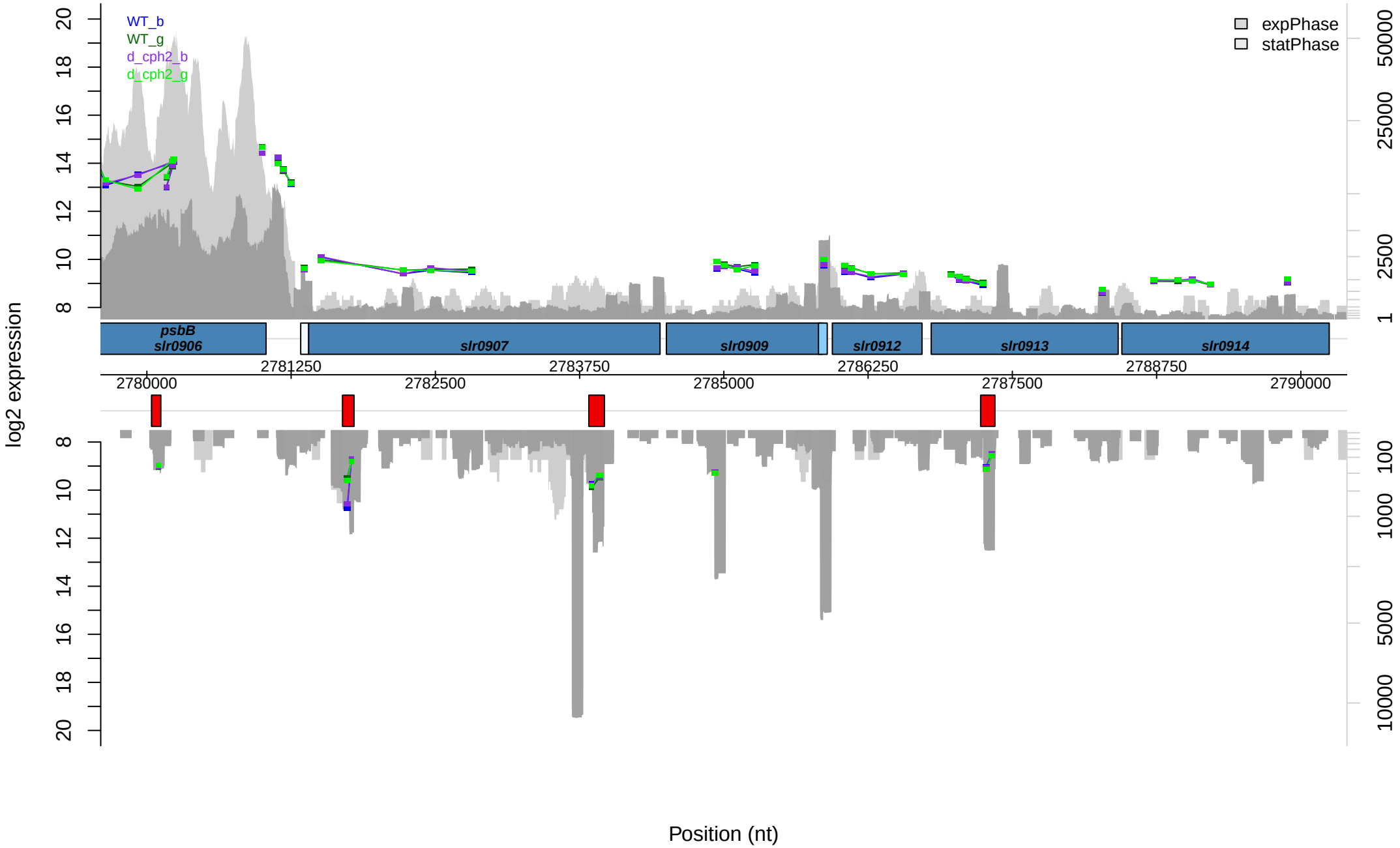

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1397
yfr2b
slr0199
hdrB
slr0201
ncr1400
ncl1390
sll0184
sigC
ssl0353
sll0183
ssl0352
sll0182
sll0181
ssl0350
sll0180
2730000
2731250
2732500
2733750
2735000
2736250
2737500
2738750
2740000

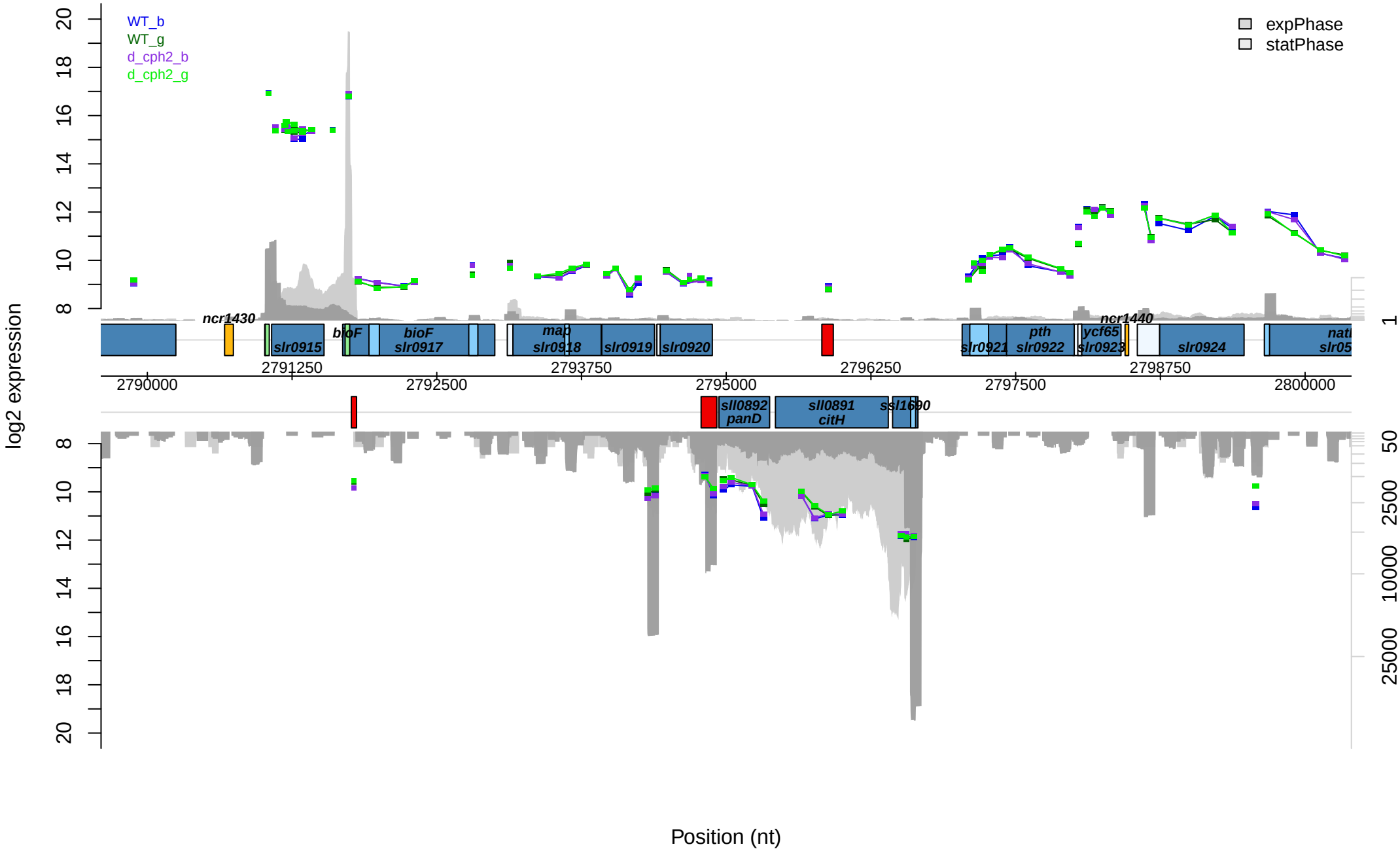

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1410
ycf83
slr0204
ncr1420
slr0207
slr0208
ftrV
ssr0330
slr0209
hik9
slr0210
ssr0332
slr0211
sll0180
sll0179
gltX
2740000
2741250
2742500
2743750
2745000
2746250
2747500
2748750
2750000

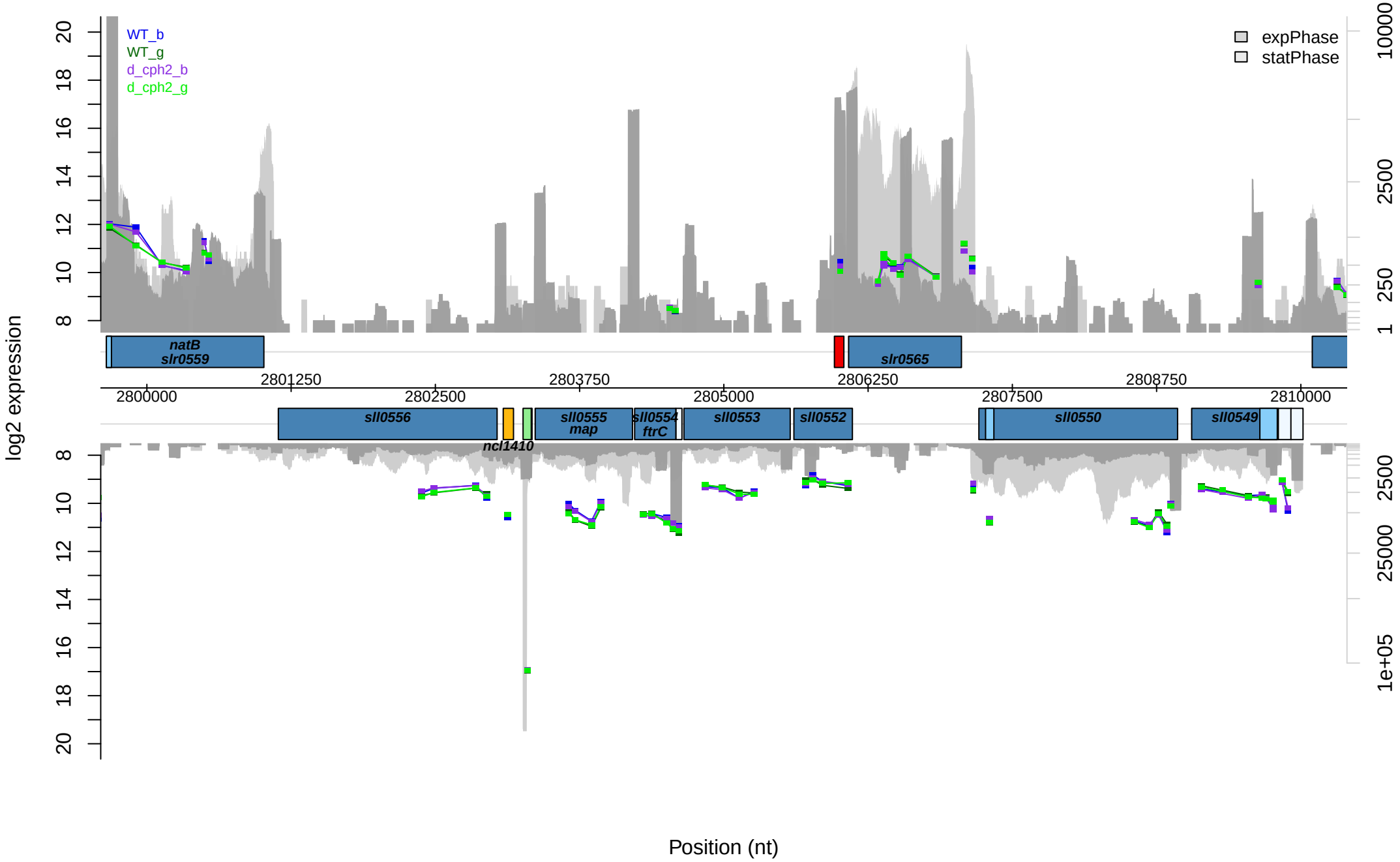

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0211
metH
slr0212
ssl0331
ssl0323
sll0178
sll0888
2750000
2751250
2752500
2753750
2755000
2756250
2757500
2758750
2760000

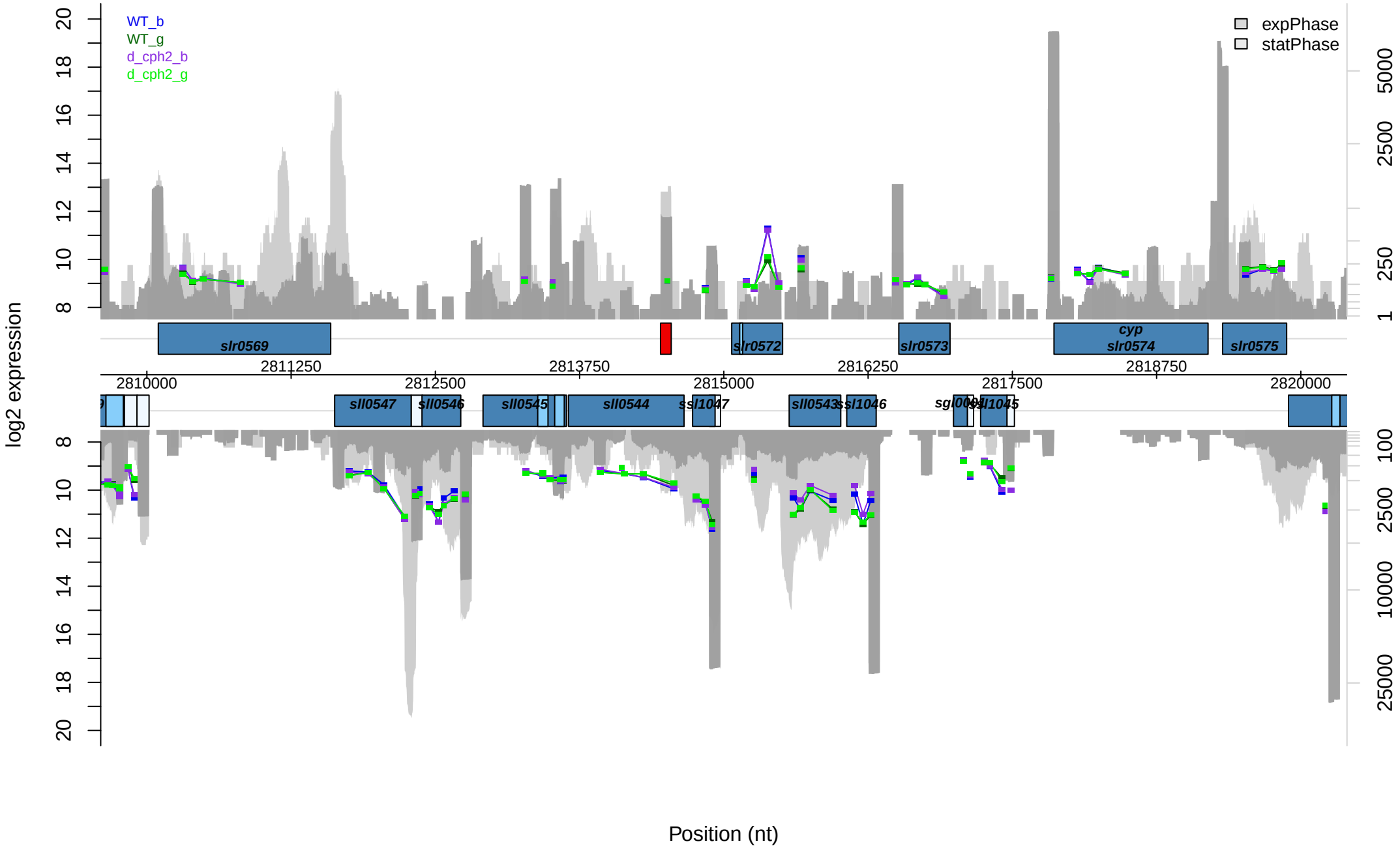

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr1513
slr0895
slr0896
slr0897
nirA
slr0898
sll0888
sll0887
sll0886
ncl1400
2760000
2761250
2762500
2763750
2765000
2766250
2767500
2768750
2770000

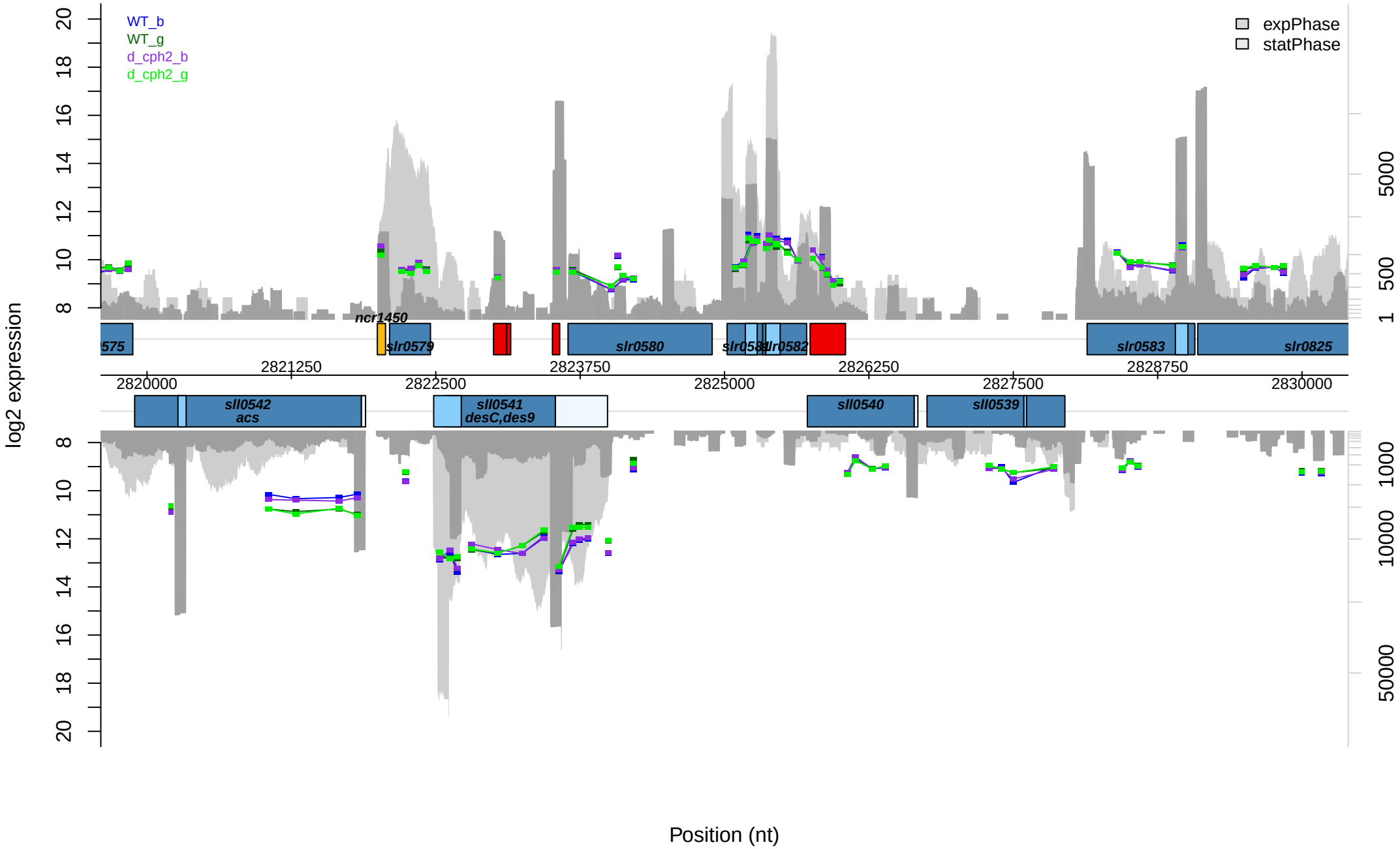

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
nirA slr0898
cynS slr0899
moeA slr0900
moaA slr0901
moaC slr0902
ssr1527
moaE slr0903
ssr1528
comM slr0904
bchE slr0905
psbE slr090
2770000
2771250
2772500
2773750
2775000
2776250
2777500
2778750
2780000

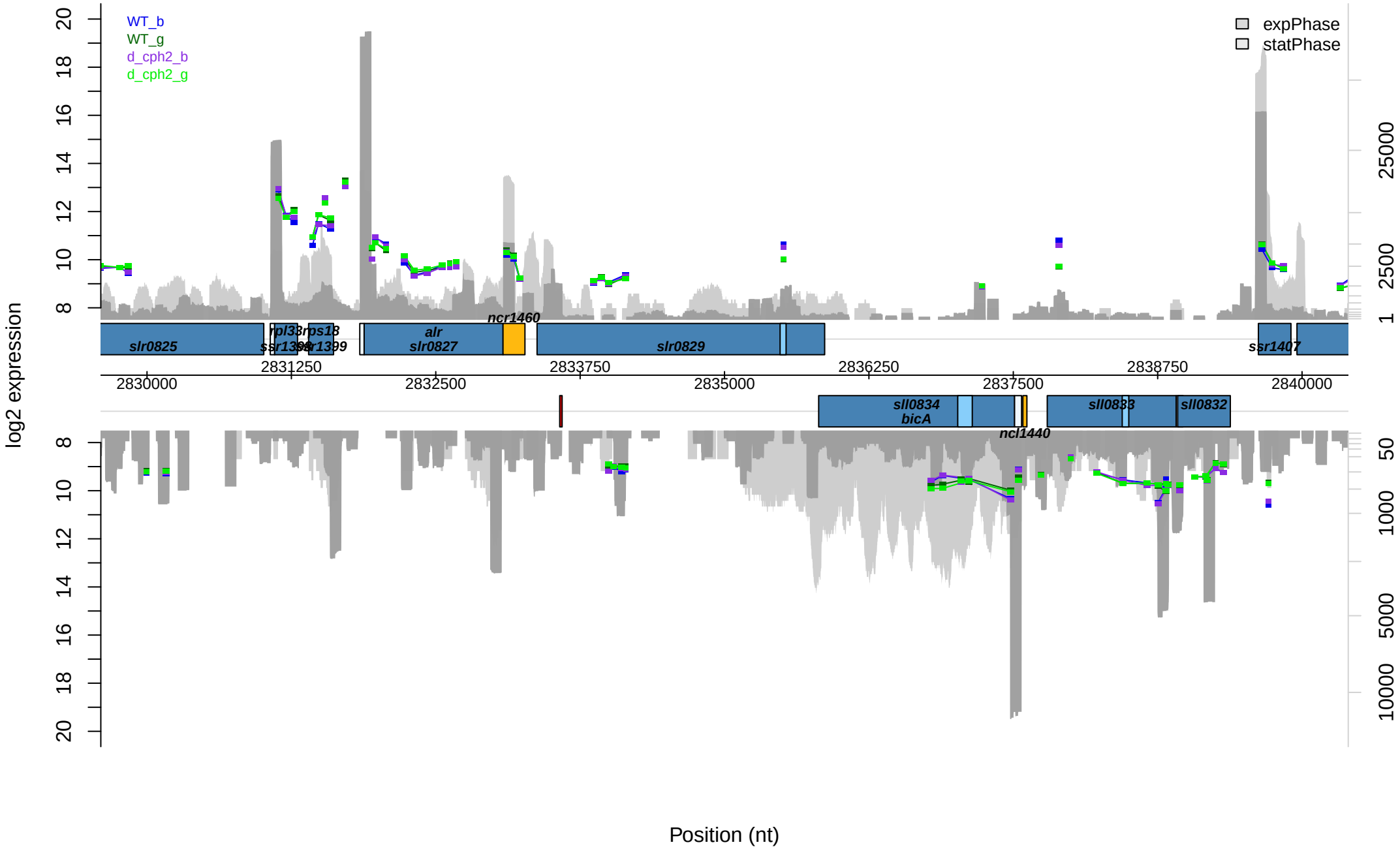

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
psbB
slr0906
slr0907
slr0909
slr0912
slr0913
slr0914
2780000
2781250
2782500
2783750
2785000
2786250
2787500
2788750
2790000
Position (nt)

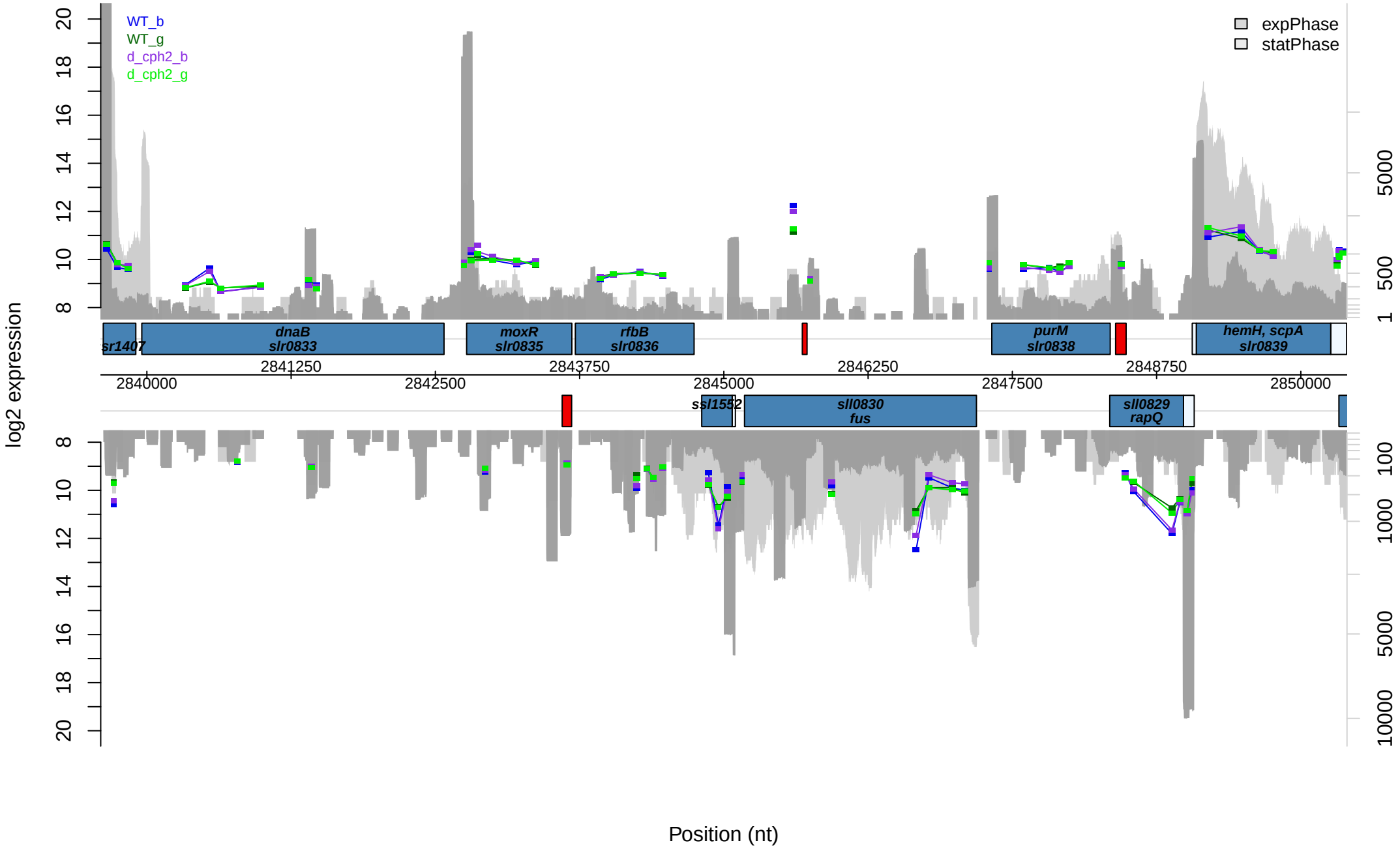

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1430
slr0915
bioF
bioF
slr0917
map
slr0918
slr0919
slr0920
slr0921
pth
slr0922
ycf65
slr0923
ncr1440
slr0924
2790000
2791250
2792500
2793750
2795000
2796250
2797500
2798750
2800000
sll0892
panD
sll0891
citH
ssl1690

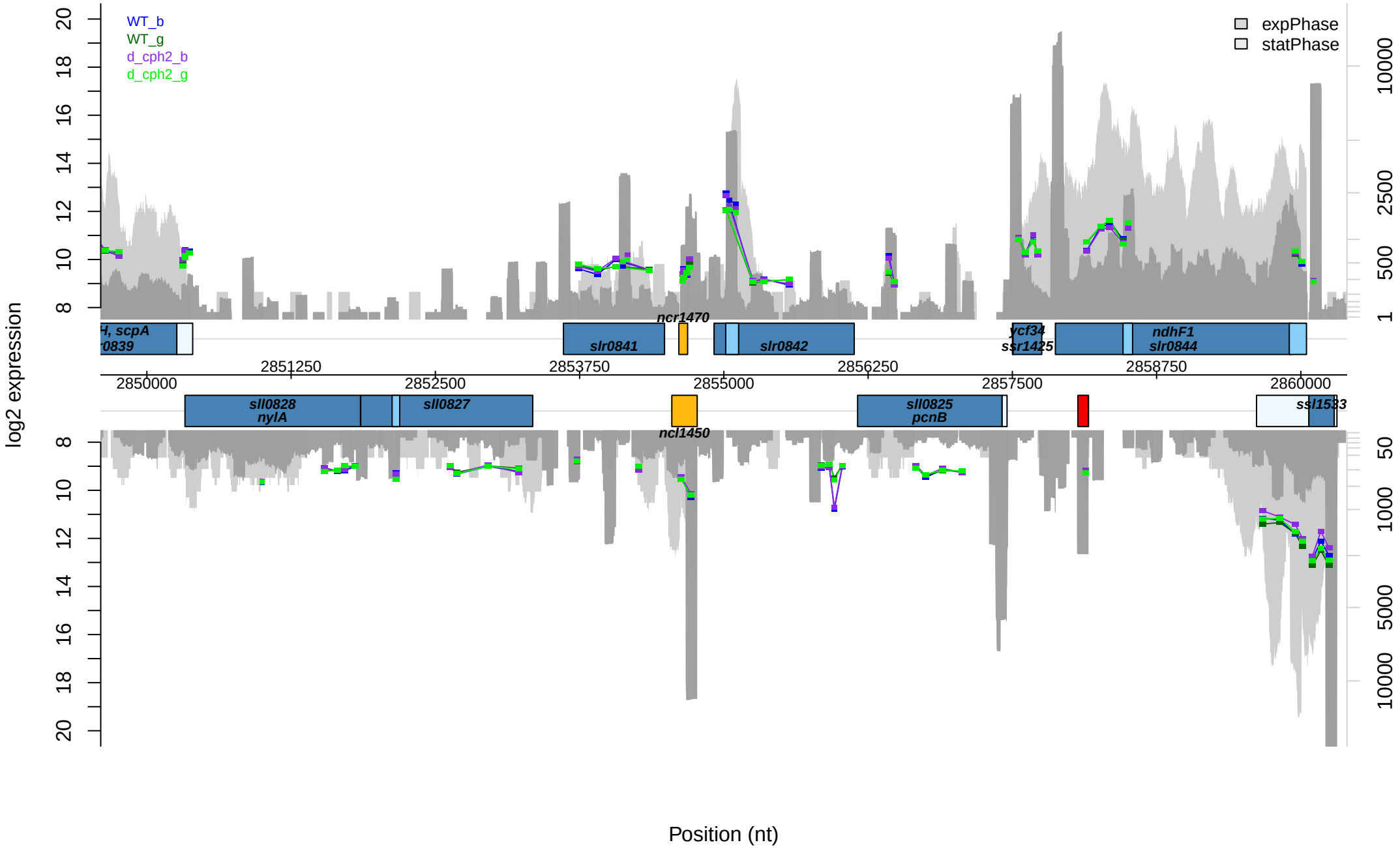

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
natB
slr0559
slr0565
sll0556
ncl1410
sll0555
map
sll0554
ftrC
sll0553
sll0552
sll0550
sll0549
2800000
2801250
2802500
2803750
2805000
2806250
2807500
2808750
2810000

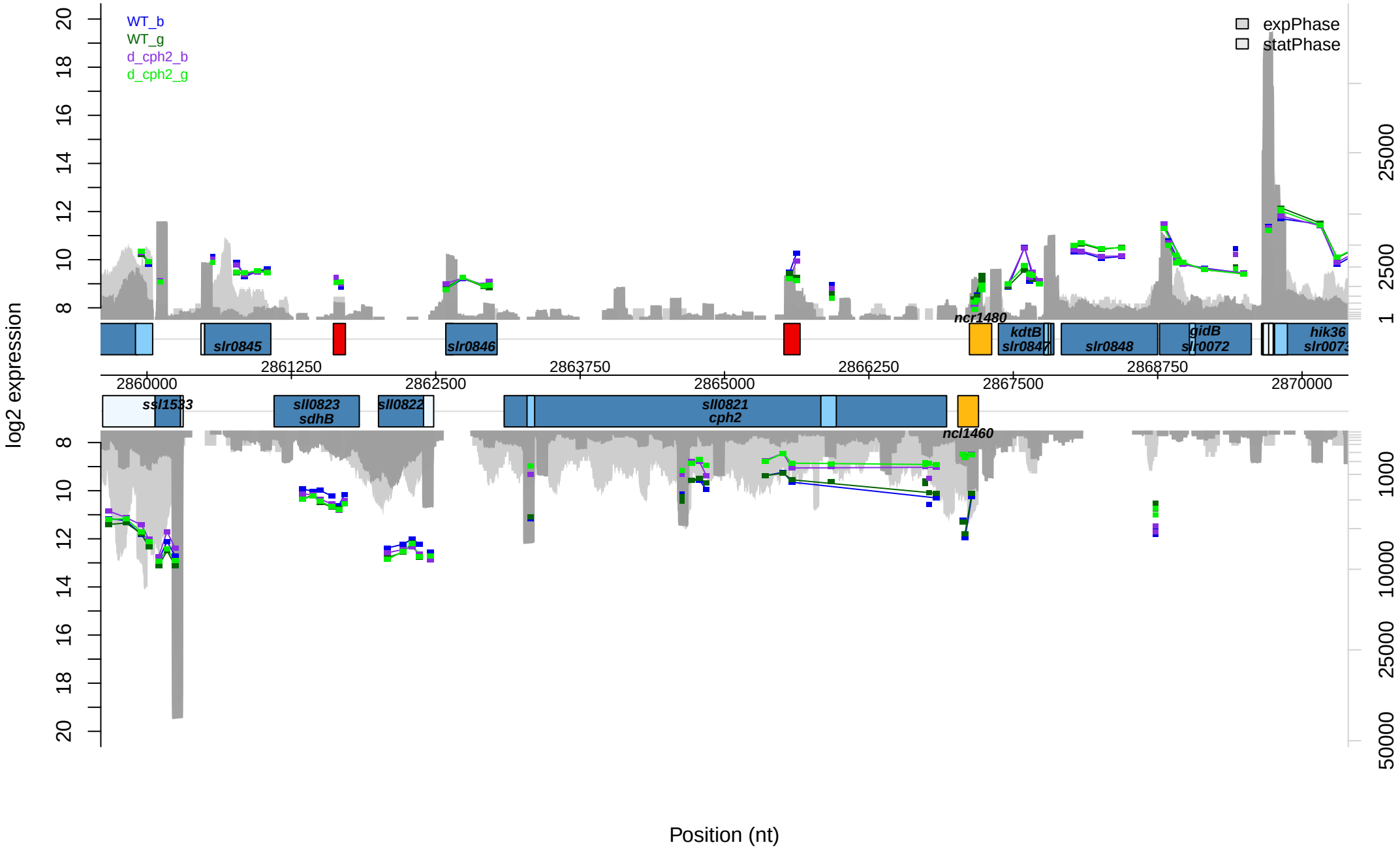

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0569
slr0572
slr0573
cyp
slr0574
slr0575
sll0547
sll0546
sll0545
sll0544
ssl1047
sll0543
ssl1046
sgl0094
ssl1045
2810000
2811250
2812500
2813750
2815000
2816250
2817500
2818750
2820000

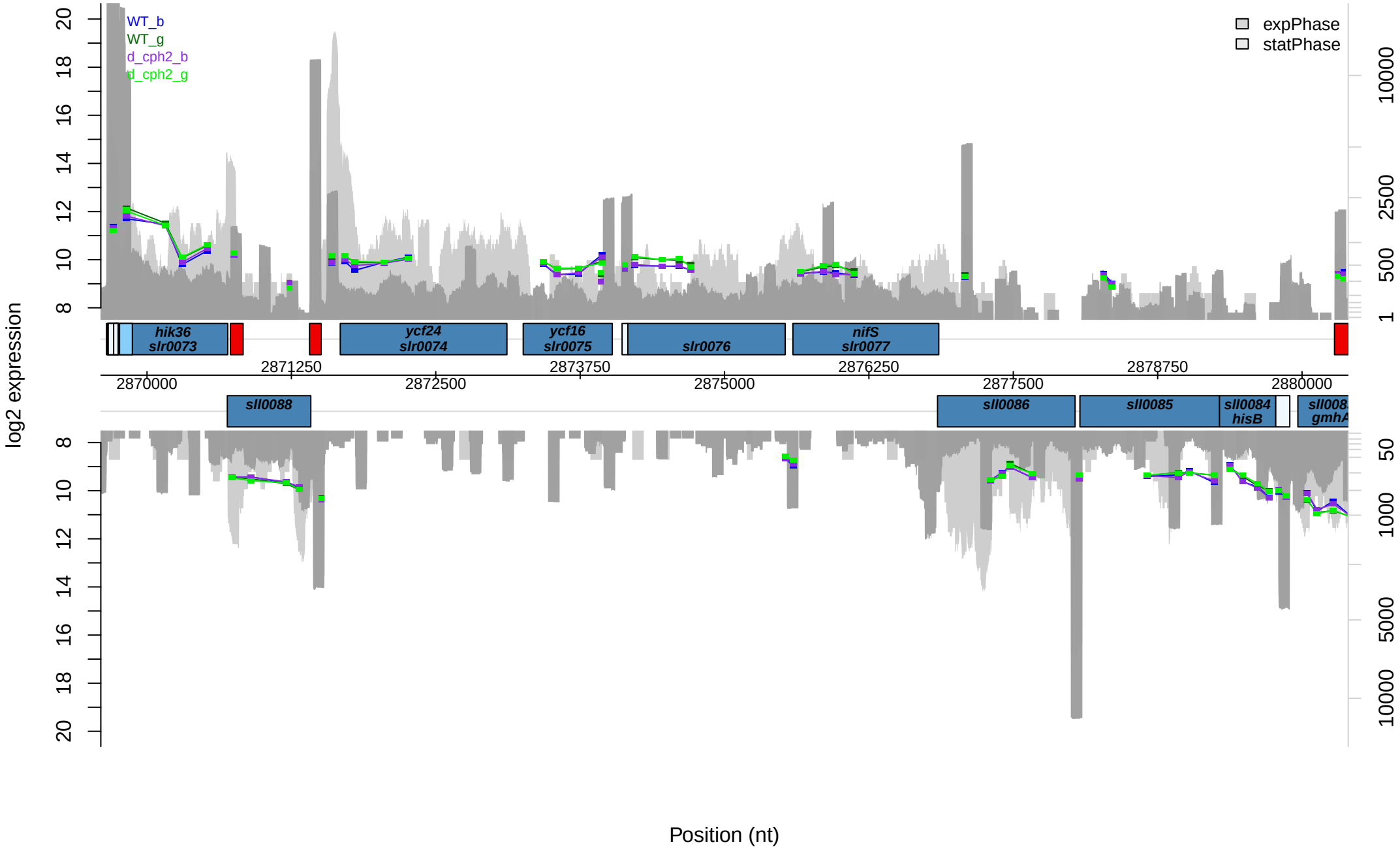

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1450
slr0579
slr0580
slr0583
slr0825
sll0542
acs
sll0541
desC,des9
sll0540
sll0539
2820000
2821250
2822500
2823750
2825000
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2827500
2828750
2830000

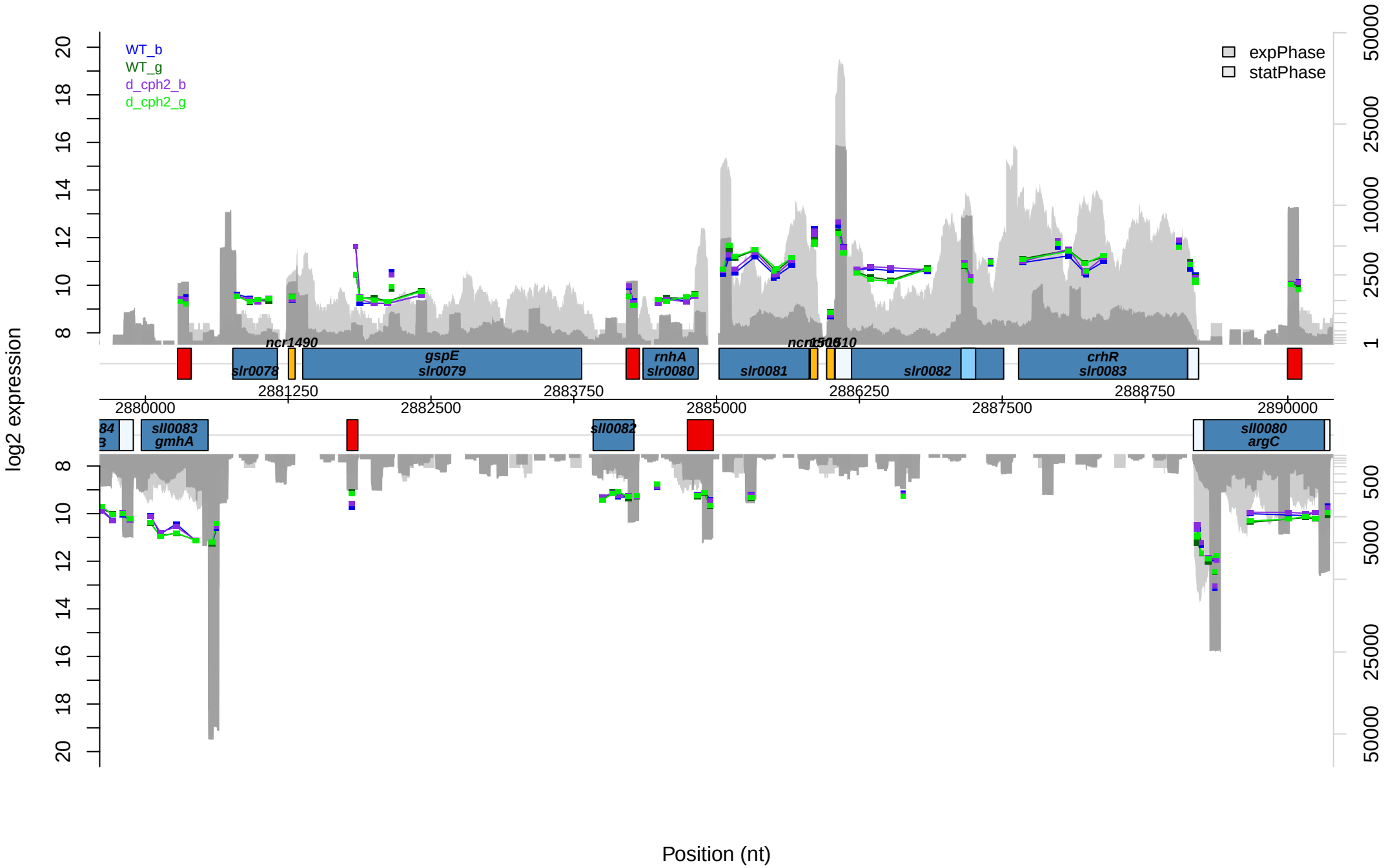

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0825
rpl33
rps18
ssr1398
ssr1399
ncr1460
alr
slr0827
slr0829
ssr1407
sll0834
bicA
ncl1440
sll0833
sll0832
2830000
2831250
2832500
2833750
2835000
2836250
2837500
2838750
2840000

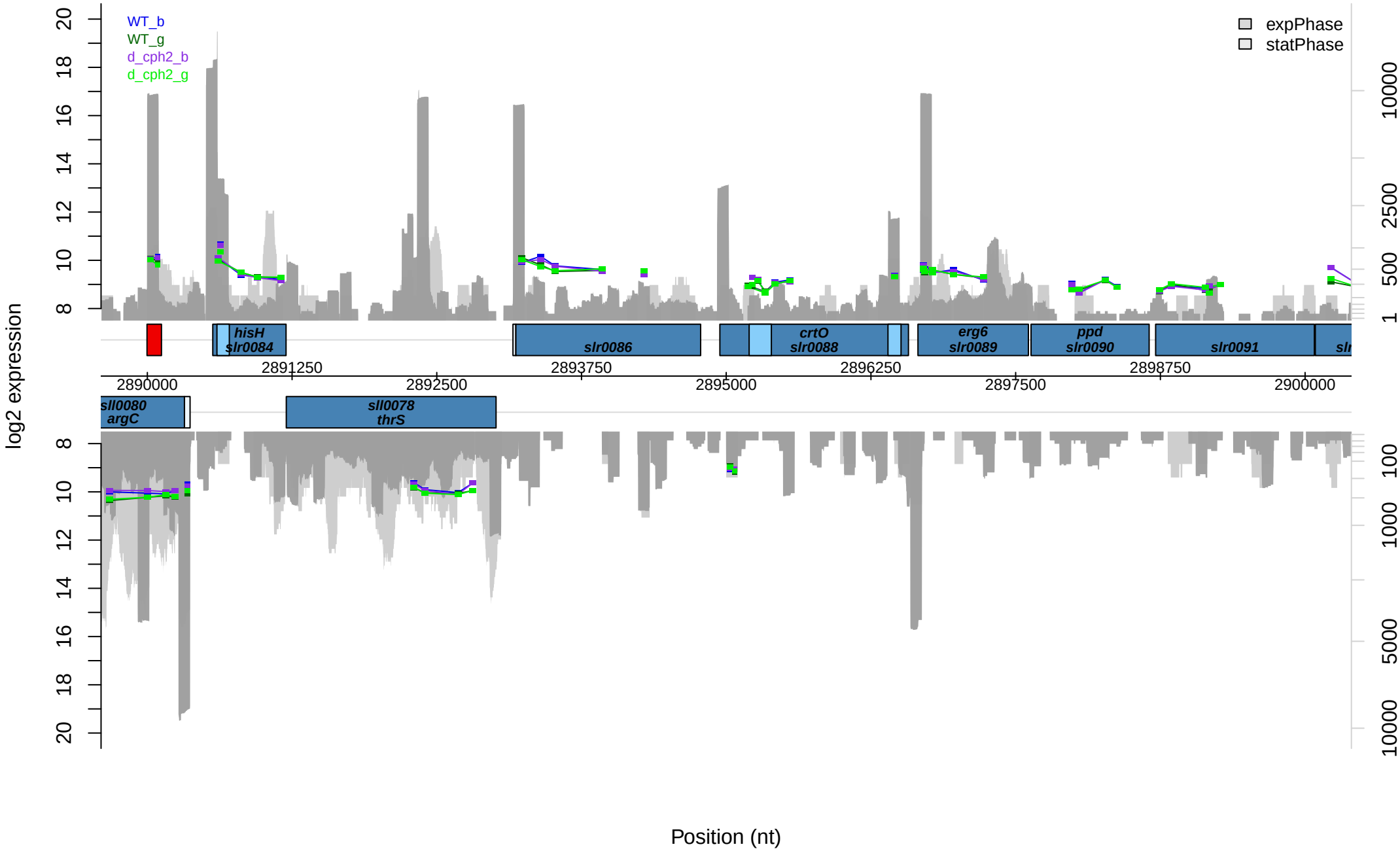

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
sr1407
dnaB
slr0833
moxR
slr0835
rfbB
slr0836
purM
slr0838
hemH, scpA
slr0839
ssl1552
sll0830
fus
sll0829
rapQ
2840000
2841250
2842500
2843750
2845000
2846250
2847500
2848750
2850000

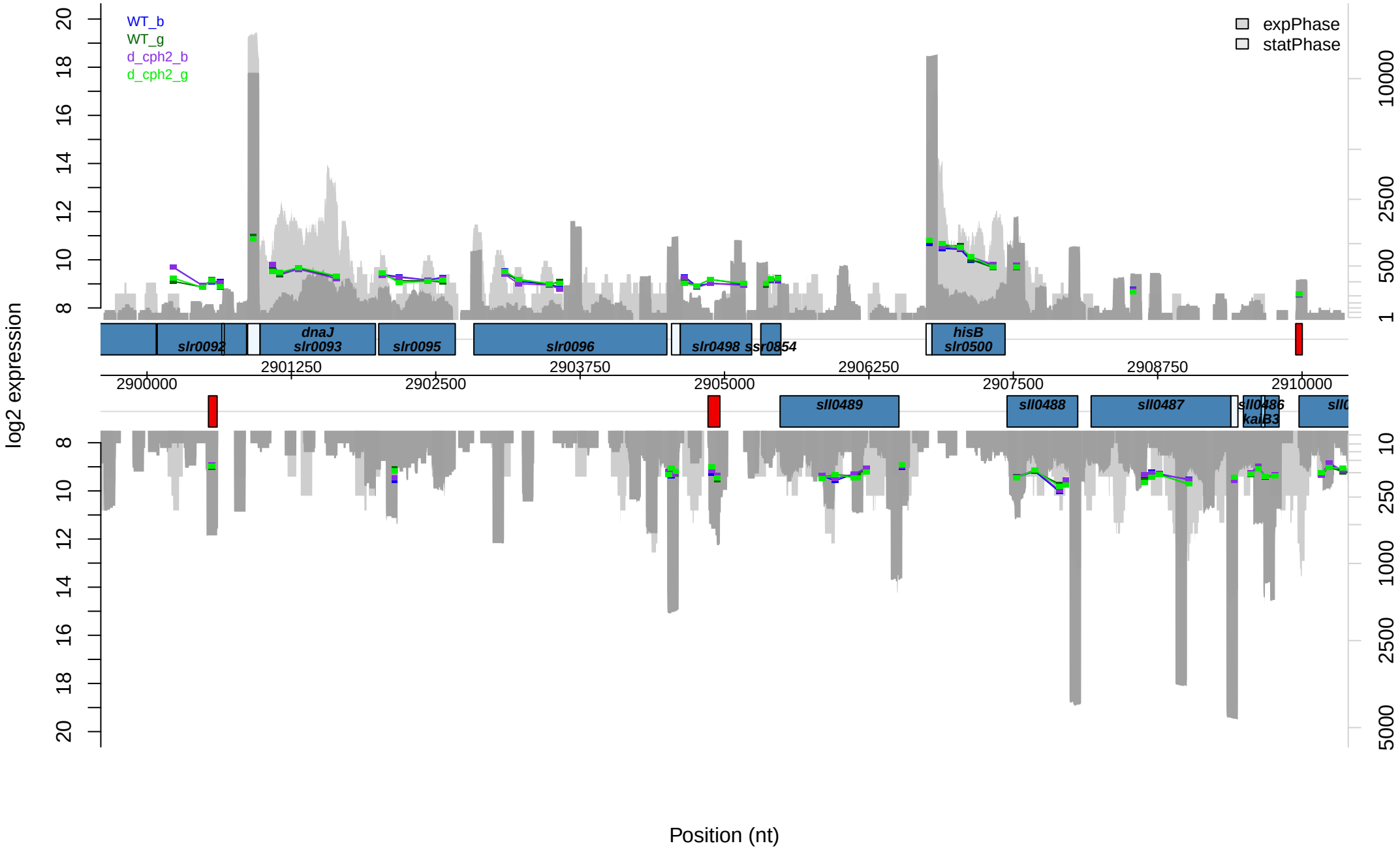

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1470
slr0841
slr0842
ycf34
ssr1425
ndhF1
slr0844
sll0828
nylA
sll0827
ncl1450
sll0825
pcnB
ssl1533
2850000
2851250
2852500
2853750
2855000
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2857500
2858750
2860000

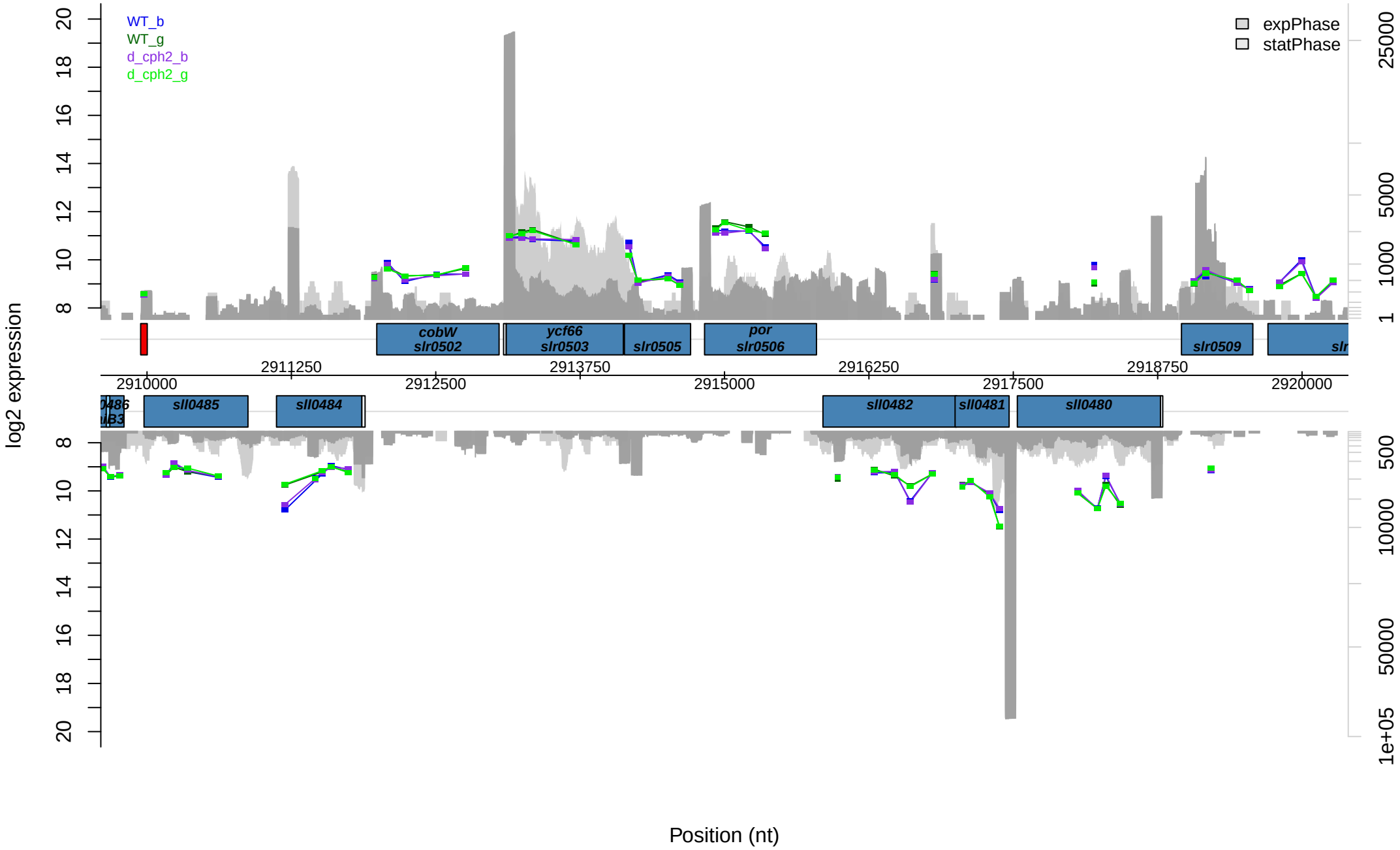

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0845
slr0846
ncr1480
kdtB
slr0847
slr0848
gidB
slr0072
hik36
ssl1533
sll0823
sdhB
sll0822
sll0821
cph2
ncl1460
2860000
2861250
2862500
2863750
2865000
2866250
2867500
2868750
2870000

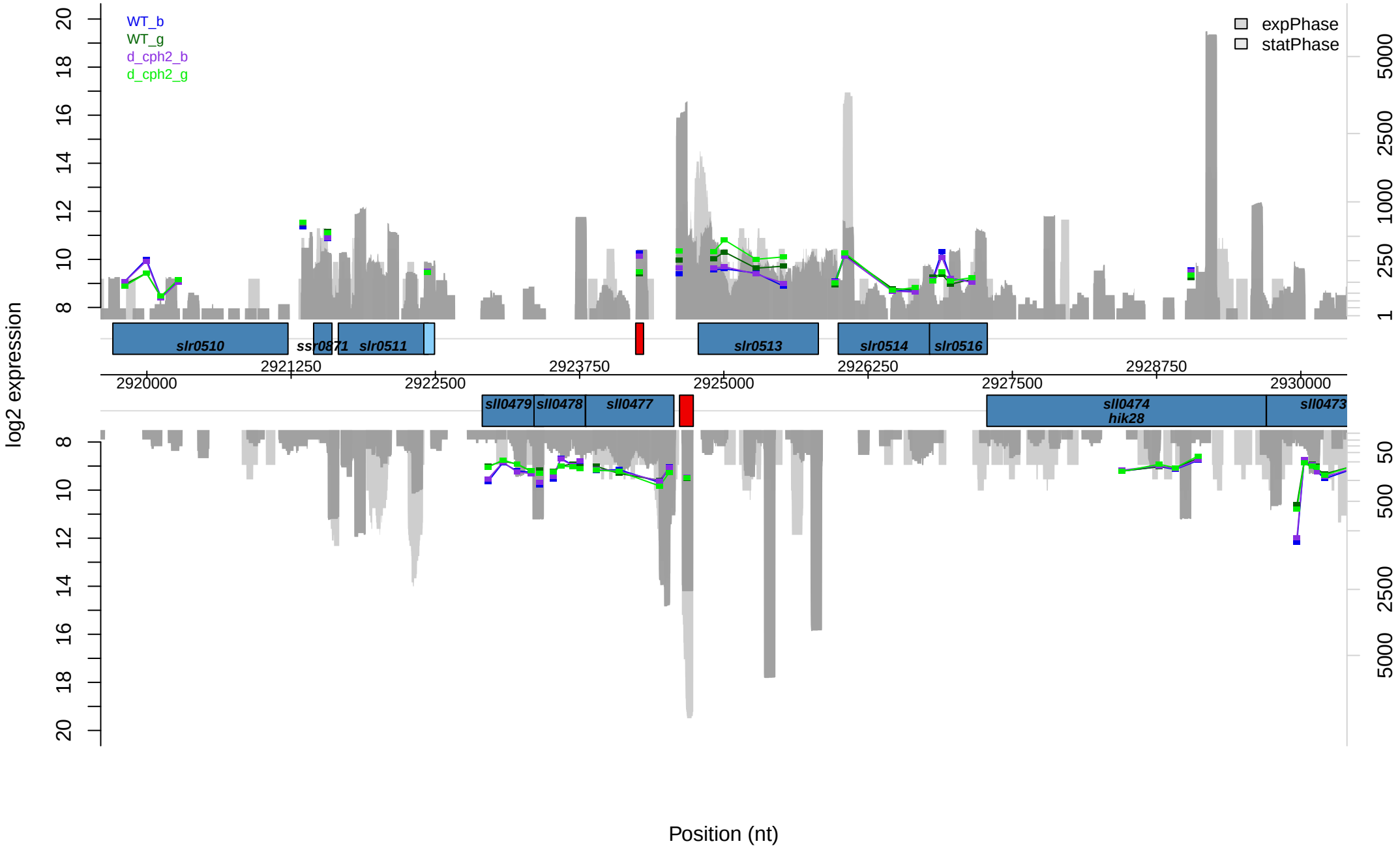

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hik36
slr0073
ycf24
slr0074
ycf16
slr0075
slr0076
nifS
slr0077
sll0088
sll0086
sll0085
sll0084
hisB
2870000
2871250
2872500
2873750
2875000
2876250
2877500
2878750
2880000

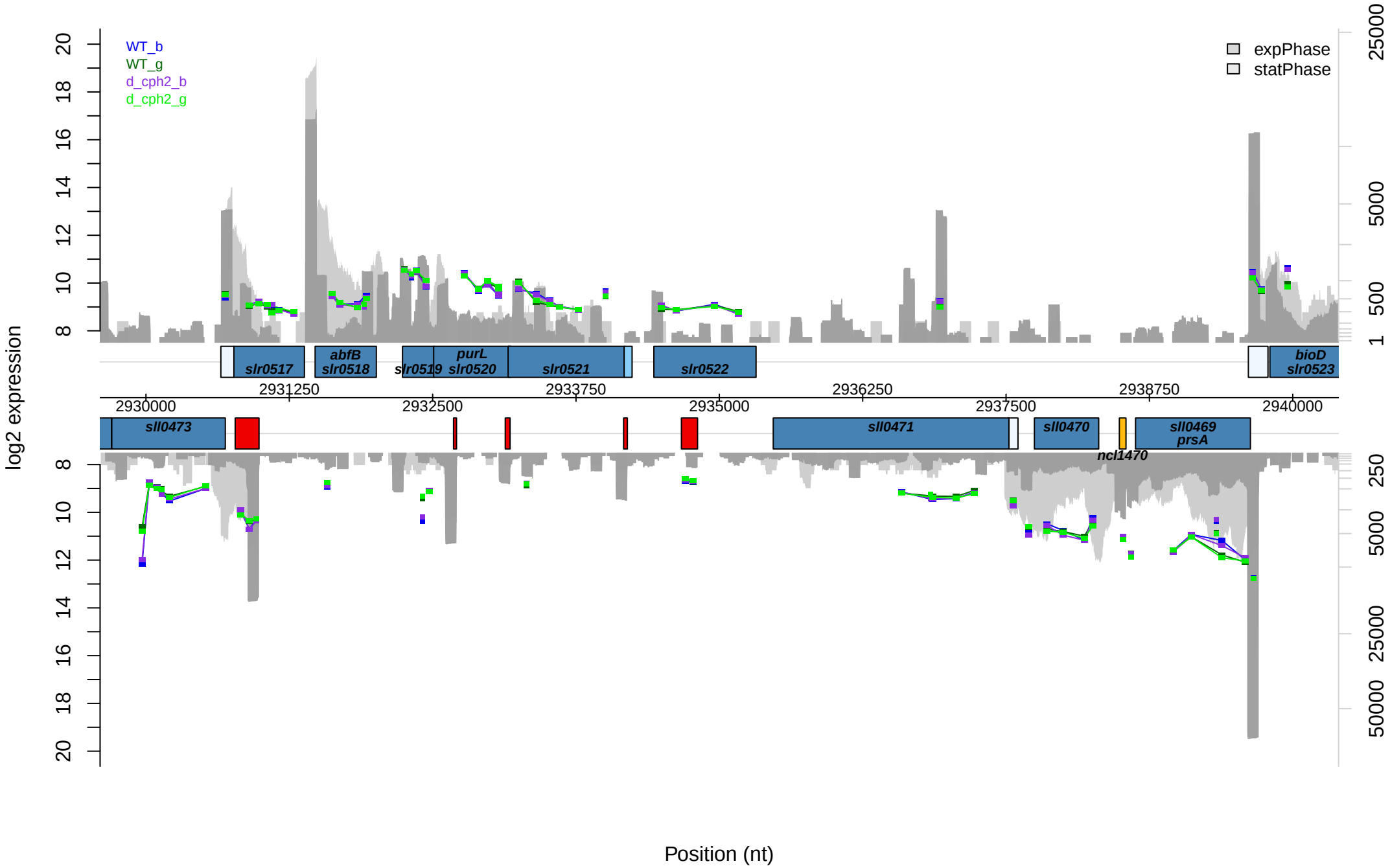

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1490
slr0078
gspE
slr0079
rnhA
slr0080
slr0081
slr0082
crhR
slr0083
sll0083
gmhA
sll0082
sll0080
argC
2880000
2881250
2882500
2883750
2885000
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2887500
2888750
2890000

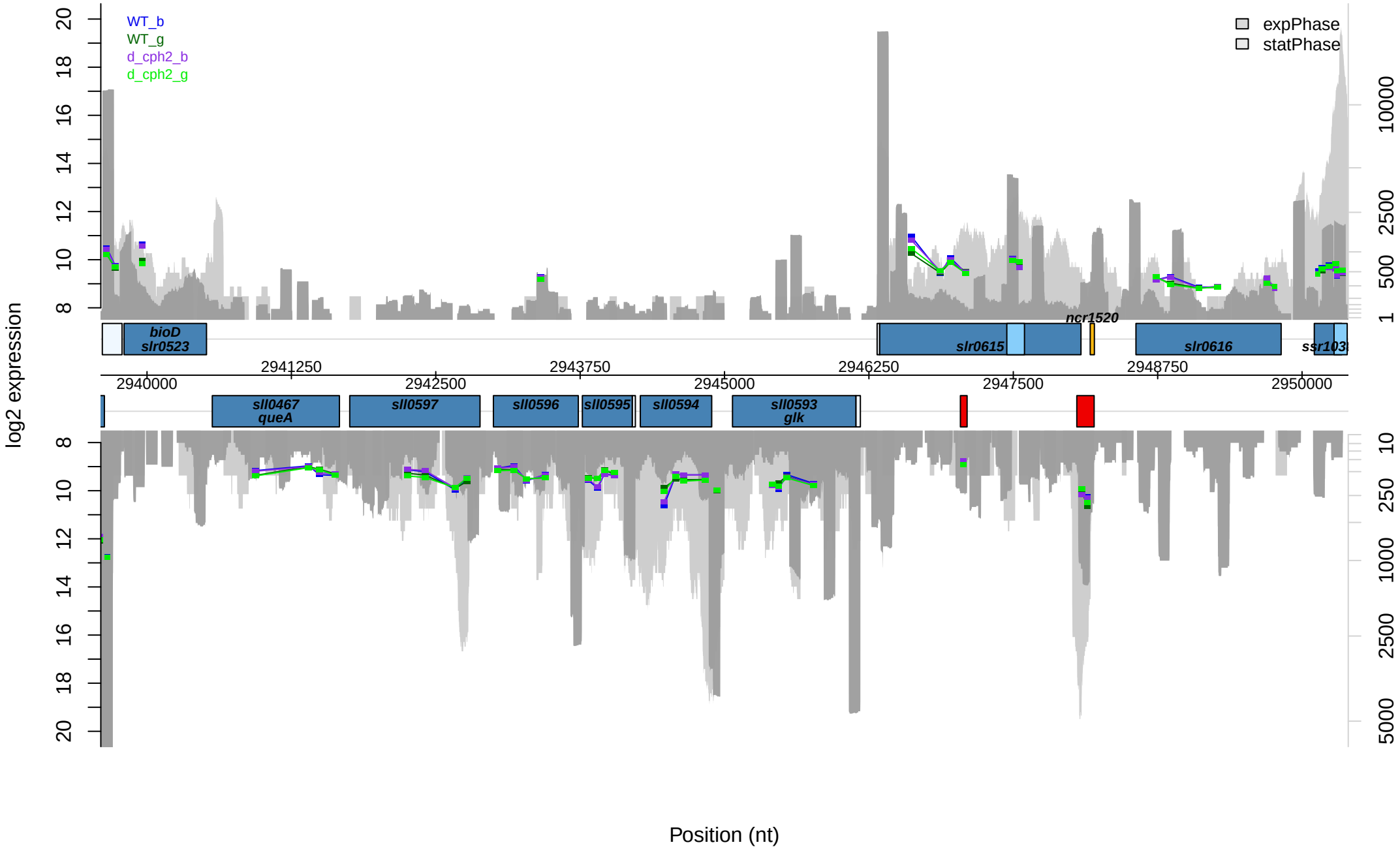

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hisH
slr0084
slr0086
crtO
slr0088
erg6
slr0089
ppd
slr0090
slr0091
sll0080
argC
sll0078
thrS
2890000
2891250
2892500
2893750
2895000
2896250
2897500
2898750
2900000

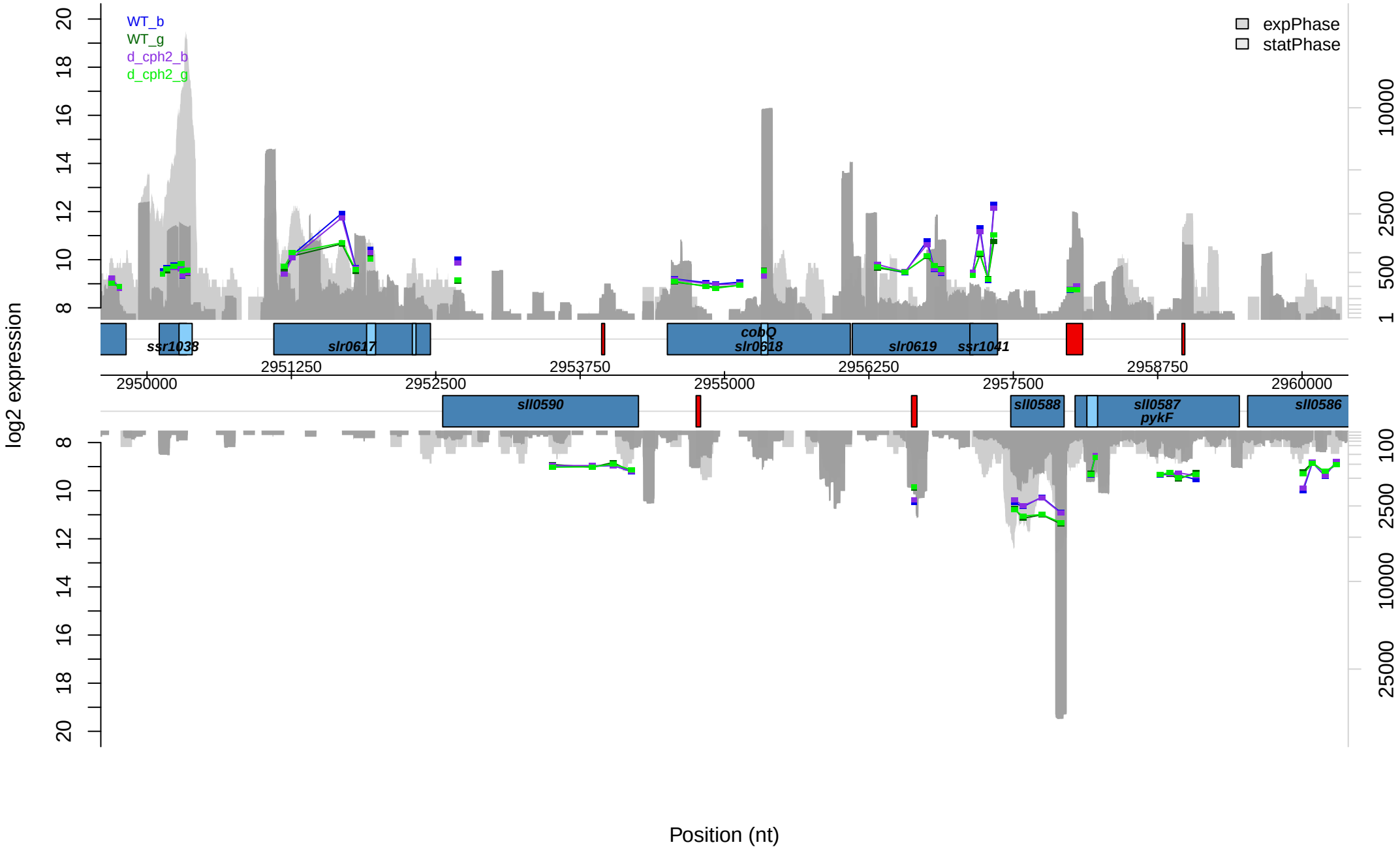

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
dnaJ
slr0093
slr0095
slr0096
slr0498
ssr0854
hisB
slr0500
sll0489
sll0488
sll0487
sll0486
kaiB3
2900000
2901250
2902500
2903750
2905000
2906250
2907500
2908750
2910000

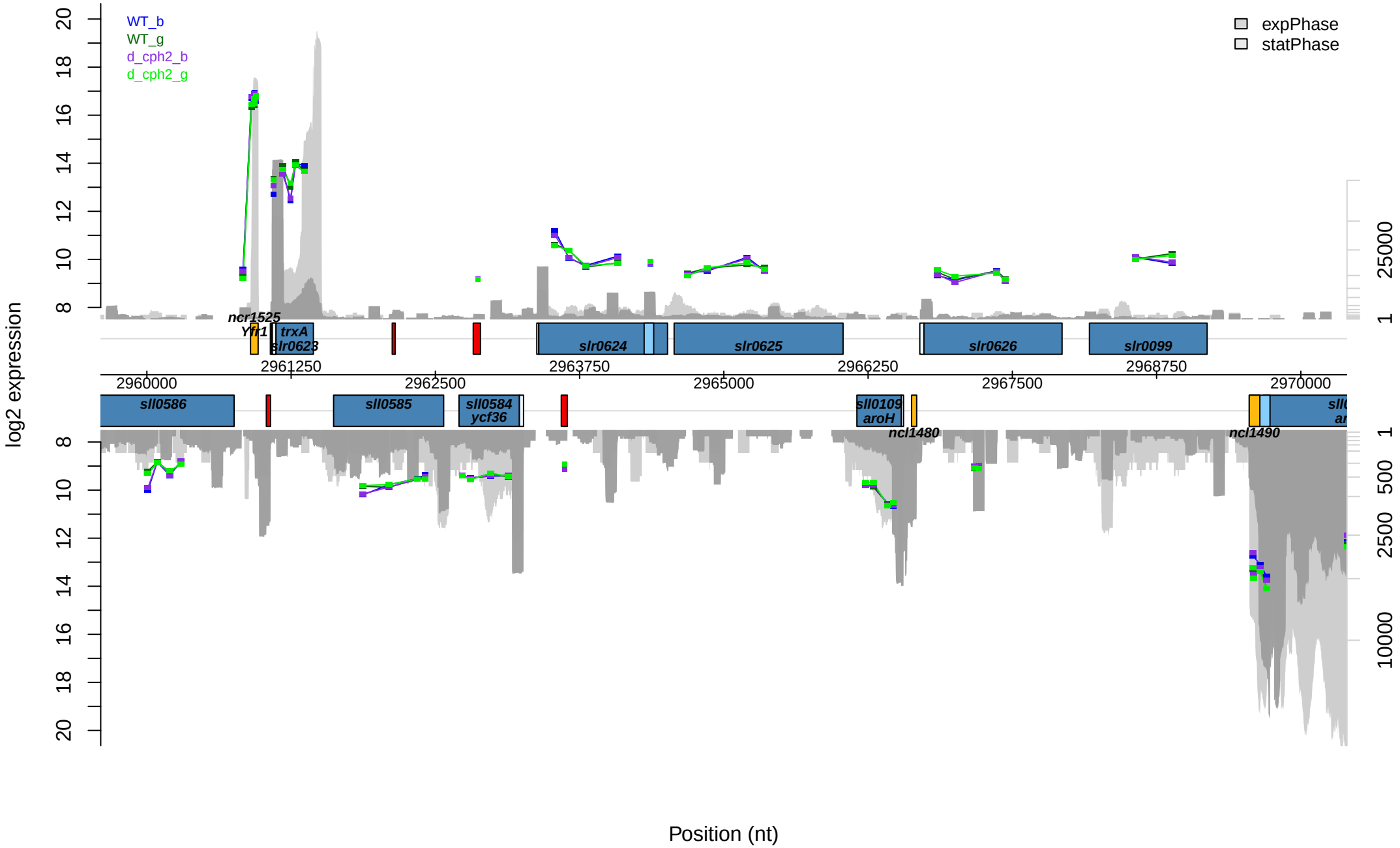

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cobW
slr0502
ycf66
slr0503
slr0505
por
slr0506
slr0509
sll0485
sll0484
sll0482
sll0481
sll0480
2910000
2911250
2912500
2913750
2915000
2916250
2917500
2918750
2920000

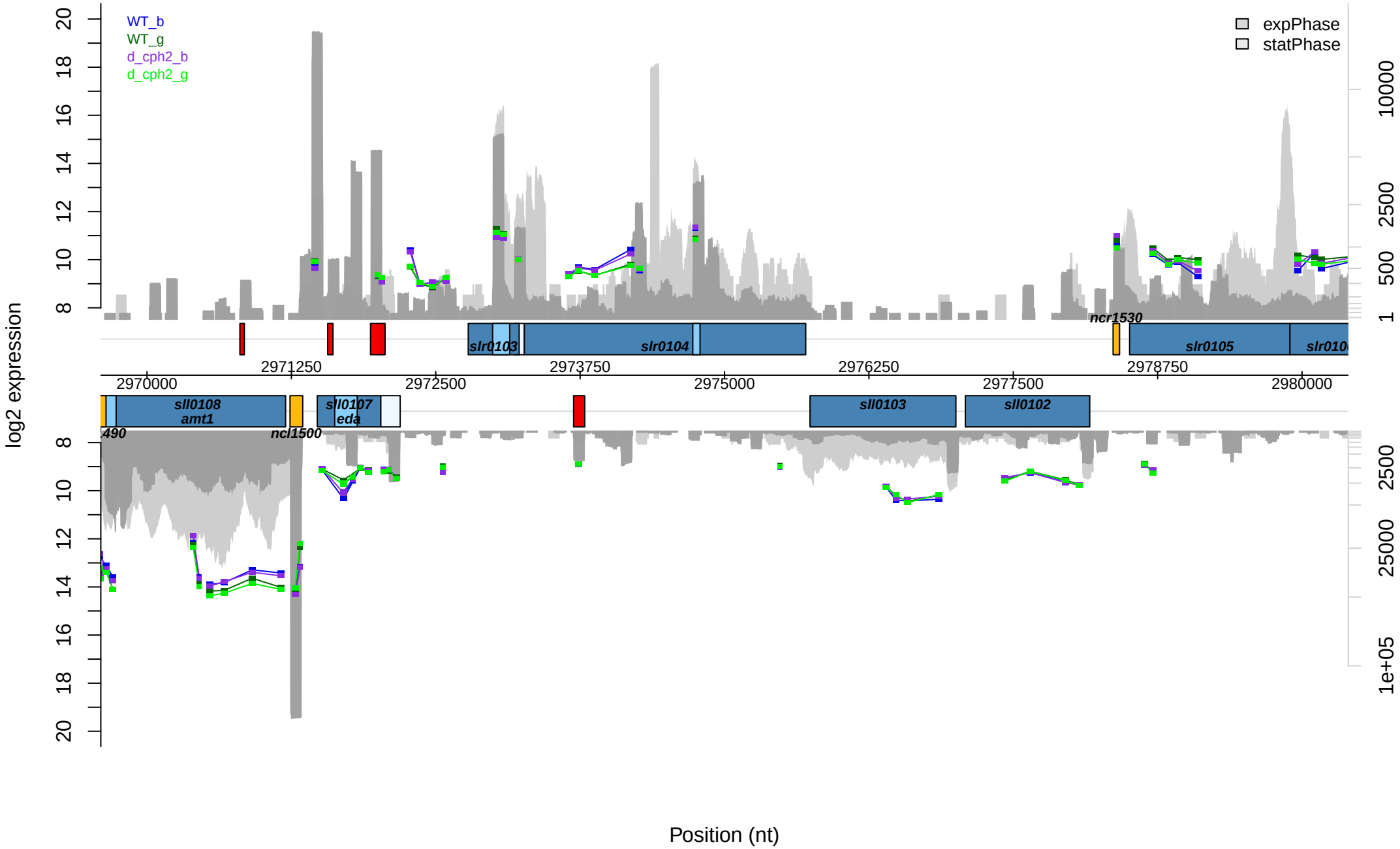

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0510
ssr0871
slr0511
slr0513
slr0514
slr0516
sll0479
sll0478
sll0477
sll0474
hik28
sll0473
2920000
2921250
2922500
2923750
2925000
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2927500
2928750
2930000

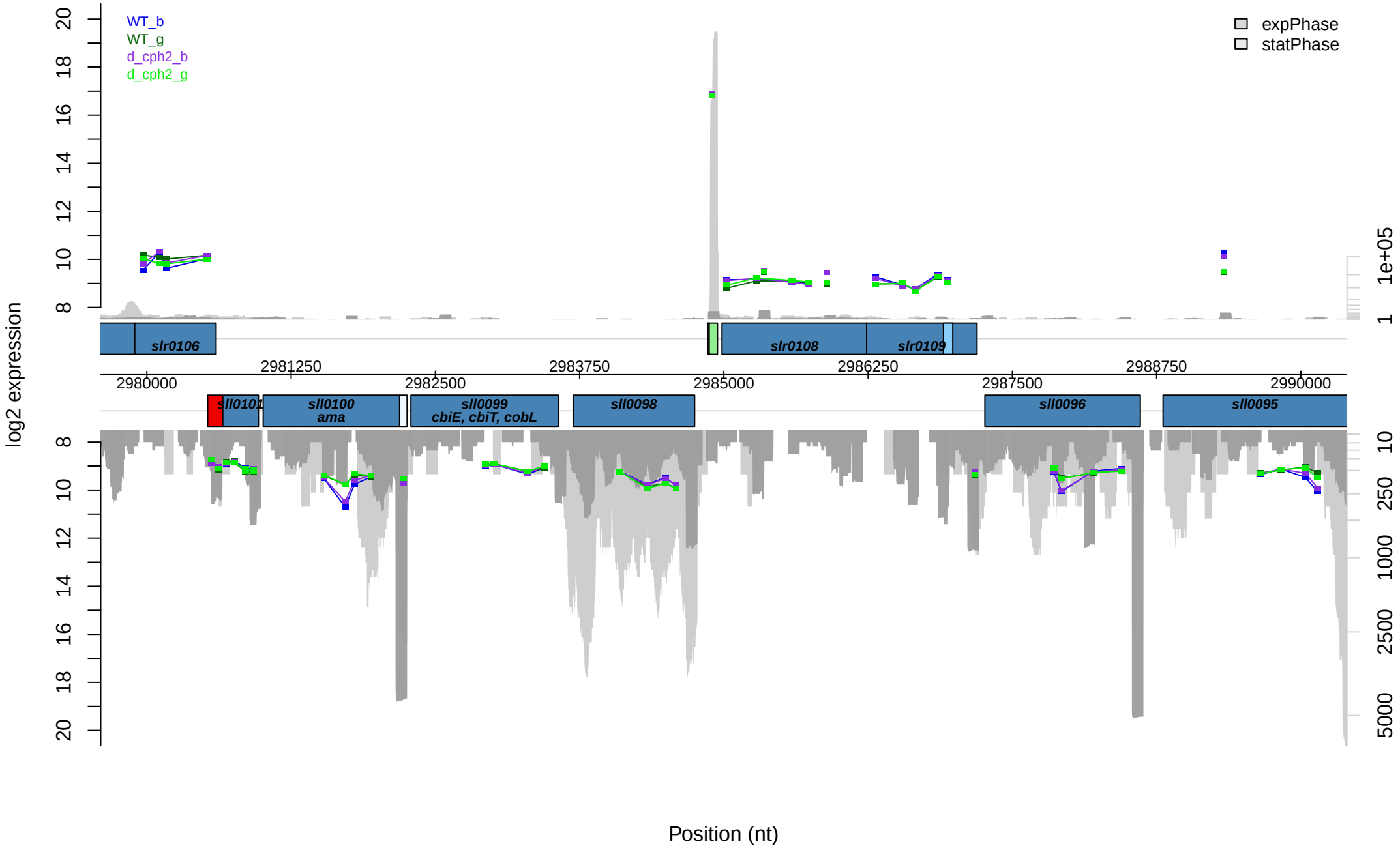

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0517
abfB
slr0518
slr0519
purL
slr0520
slr0521
slr0522
bioD
slr0523
sll0473
sll0471
sll0470
sll0469
prsA
ncl1470
2930000
2931250
2932500
2933750
2935000
2936250
2937500
2938750
2940000

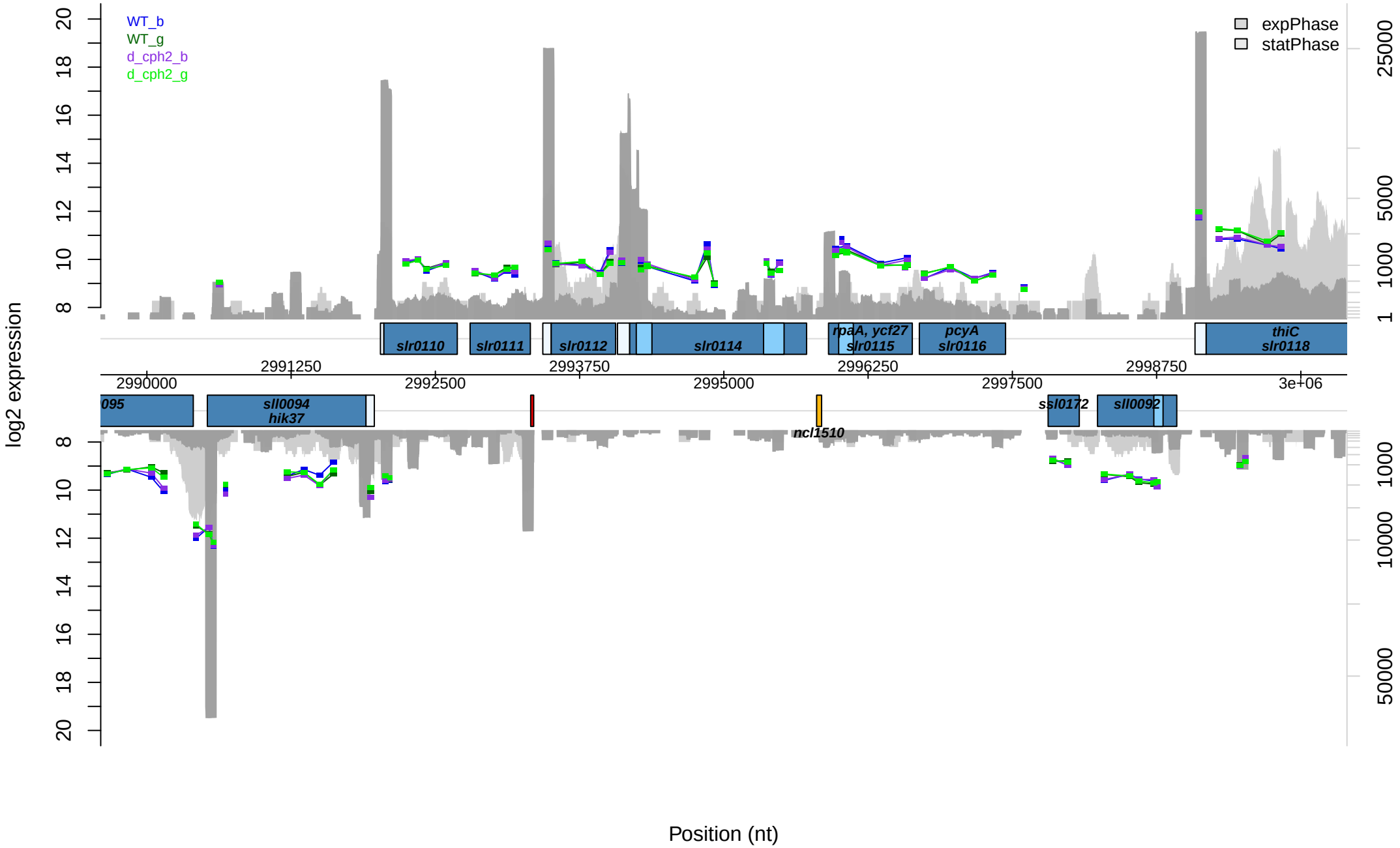

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
bioD
slr0523
ncr1520
slr0615
slr0616
ssr103
2940000
2941250
2942500
2943750
2945000
2946250
2947500
2948750
2950000
sll0467
queA
sll0597
sll0596
sll0595
sll0594
sll0593
glk

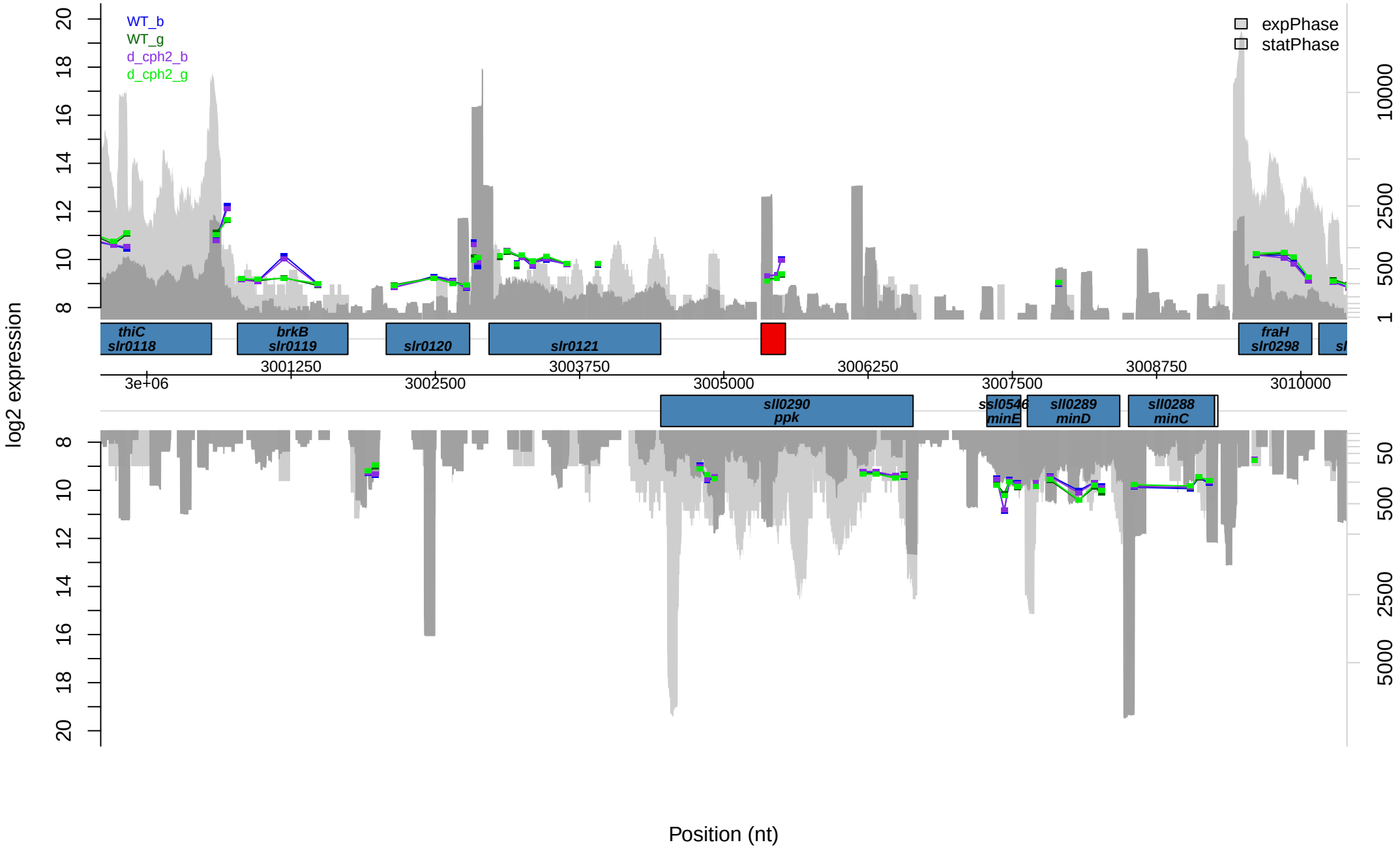

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr1038
slr0617
cobQ
slr0618
slr0619
ssr1041
sll0590
sll0588
sll0587
pykF
sll0586
2950000
2951250
2952500
2953750
2955000
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2957500
2958750
2960000

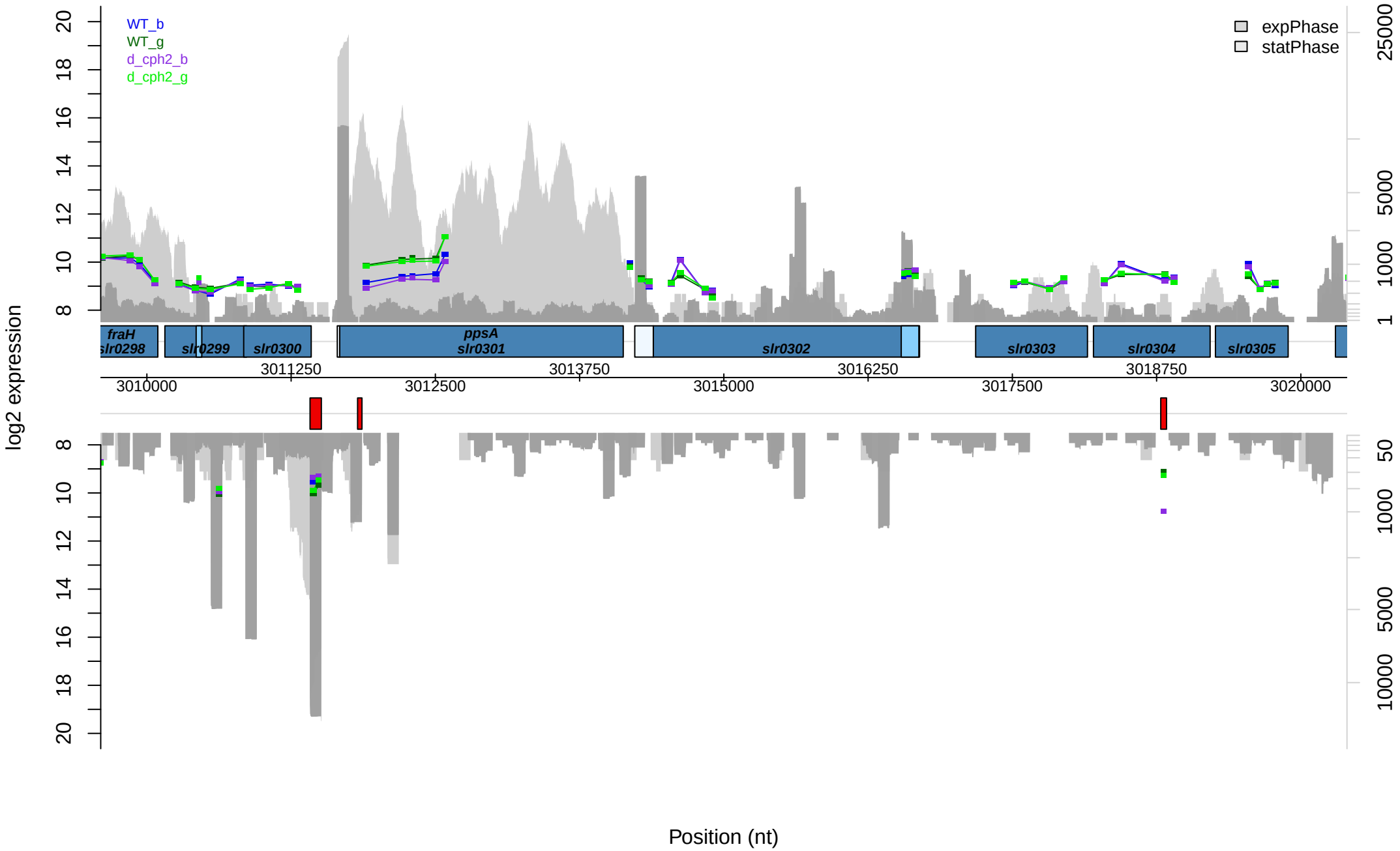

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1525
Yfr1
trxA
slr0623
slr0624
slr0625
slr0626
slr0099
sll0586
sll0585
sll0584
ycf36
sll0109
aroH
ncl1480
ncl1490
2960000
2961250
2962500
2963750
2965000
2966250
2967500
2968750
2970000

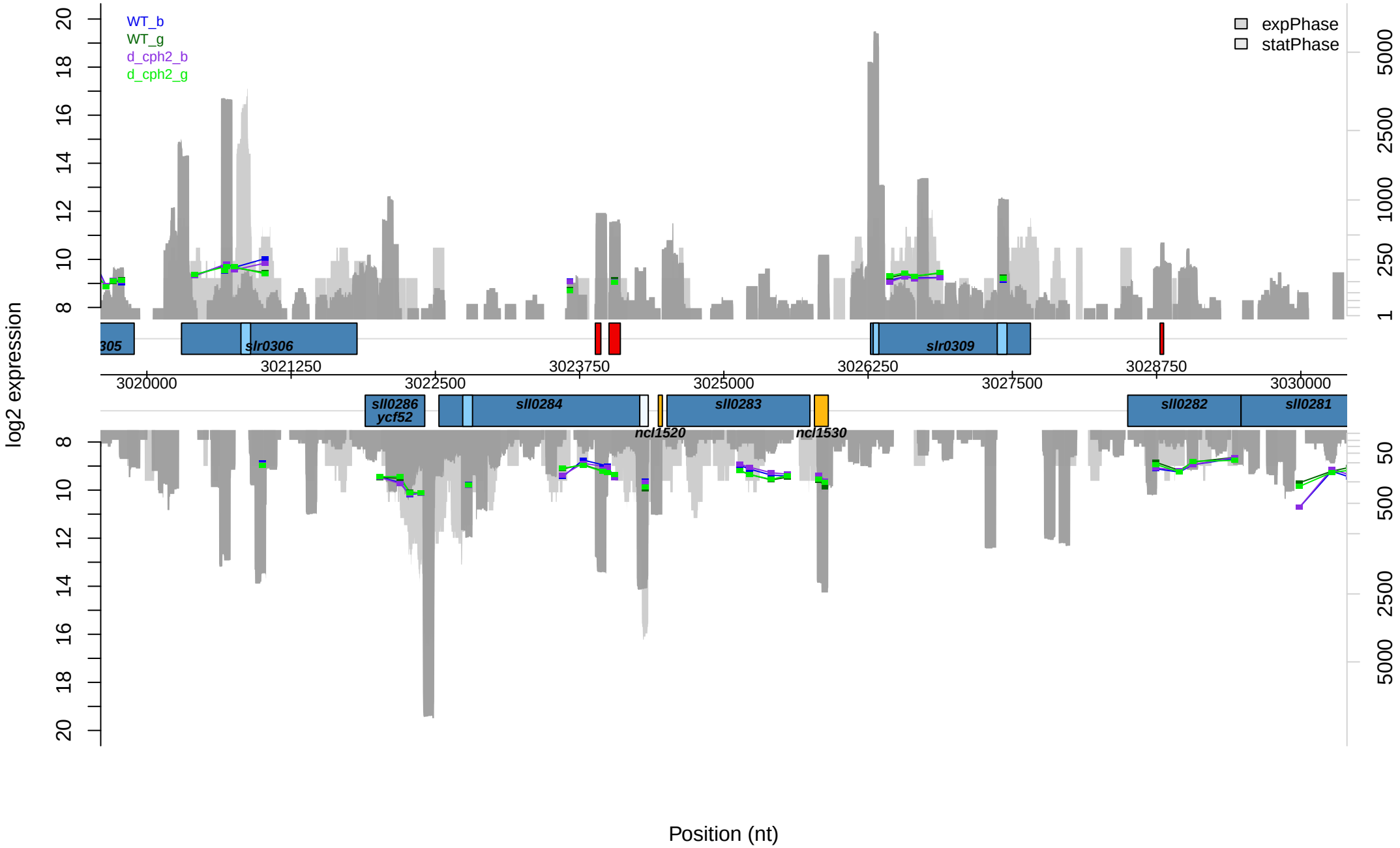

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0103
slr0104
ncr1530
slr0105
sll0108
amt1
sll0107
eda
sll0103
sll0102
ncl1500
2970000
2971250
2972500
2973750
2975000
2976250
2977500
2978750
2980000

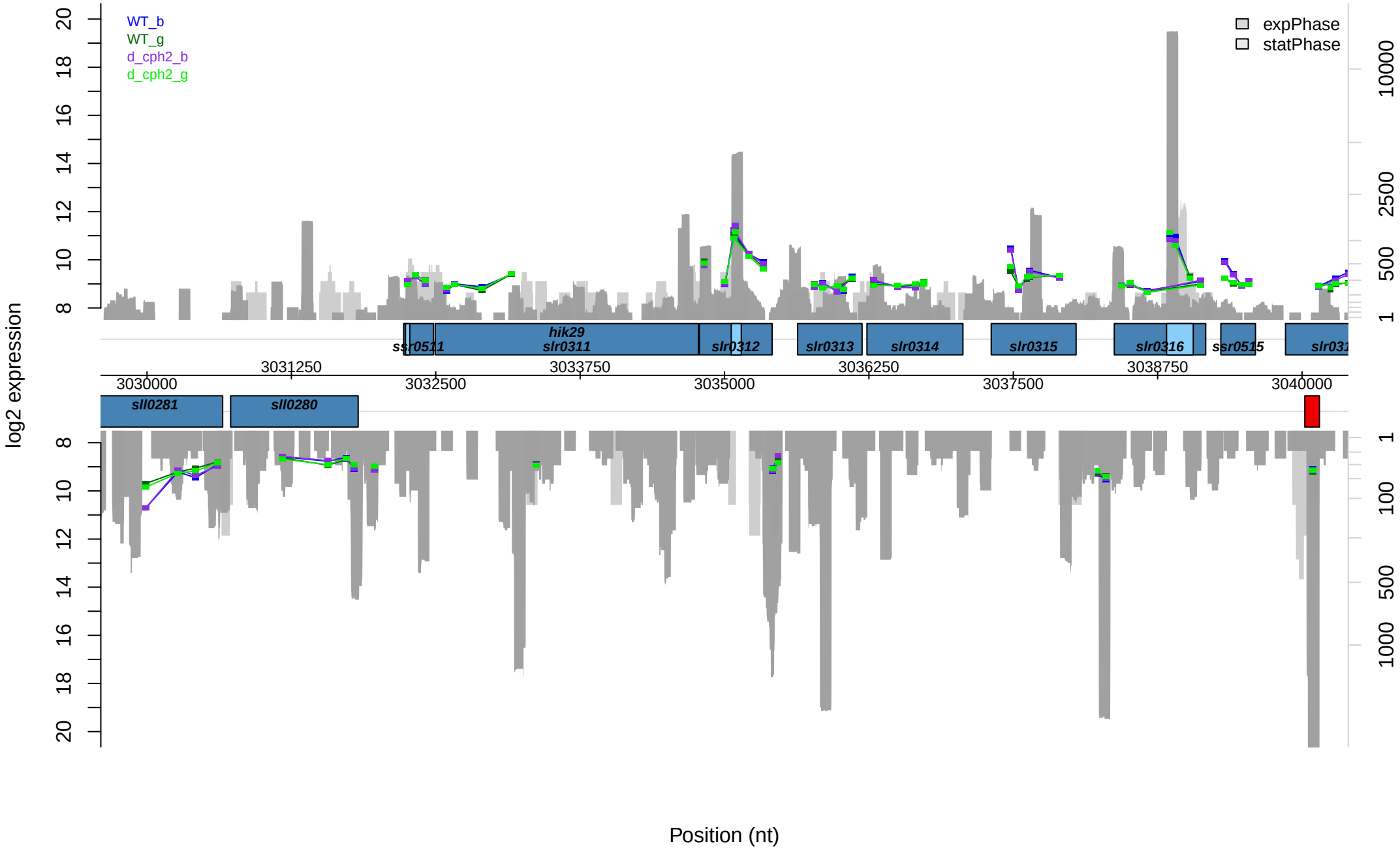

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0106
slr0108
slr0109
sll0101
sll0100
ama
sll0099
cbiE, cbiT, cobL
sll0098
sll0096
sll0095
2980000
2981250
2982500
2983750
2985000
2986250
2987500
2988750
2990000

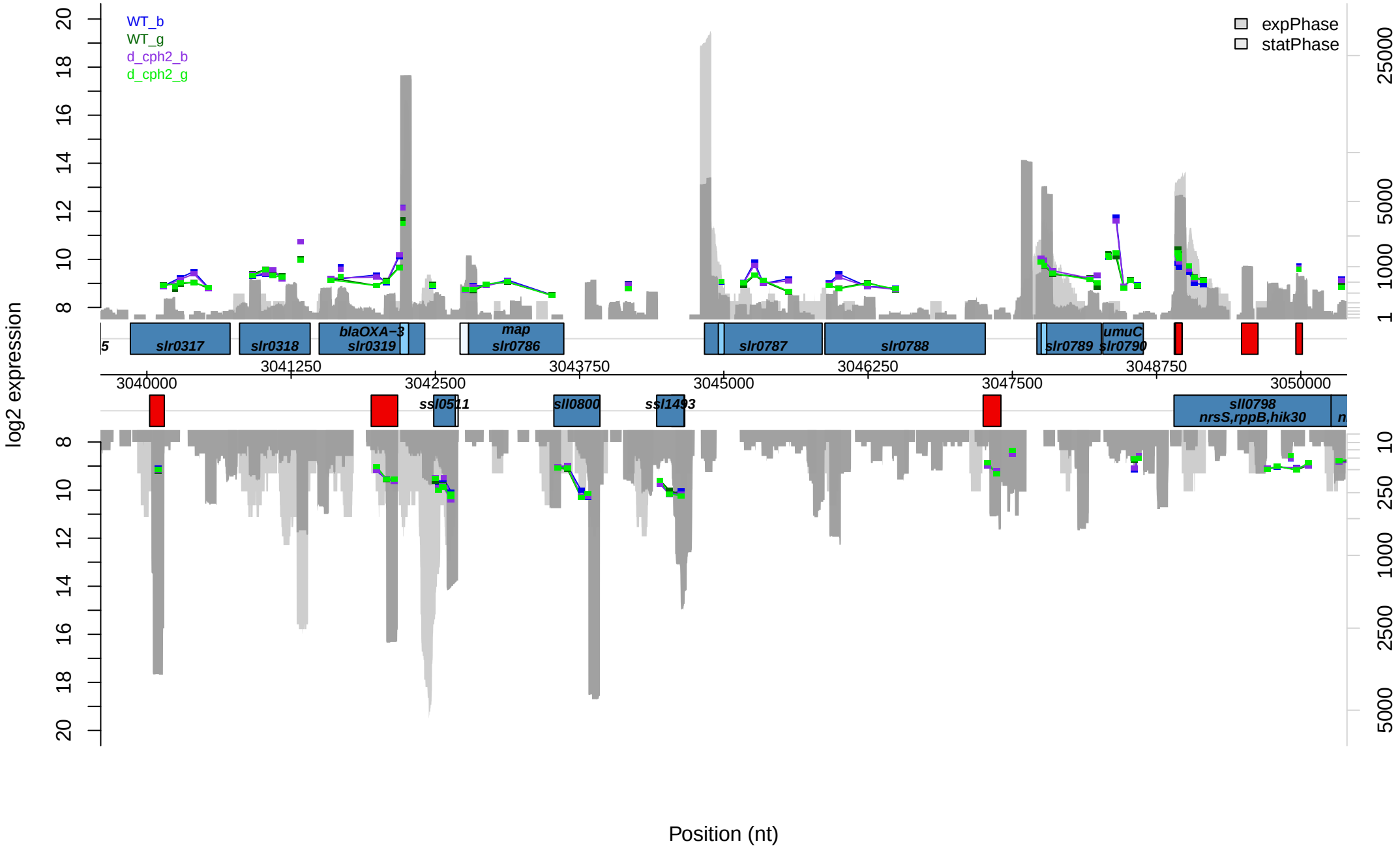

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0110
slr0111
slr0112
slr0114
rpaA, ycf27
slr0115
pcyA
slr0116
thiC
slr0118
sll0094
hik37
ncl1510
ssl0172
sll0092
2990000
2991250
2992500
2993750
2995000
2996250
2997500
2998750
3e+06

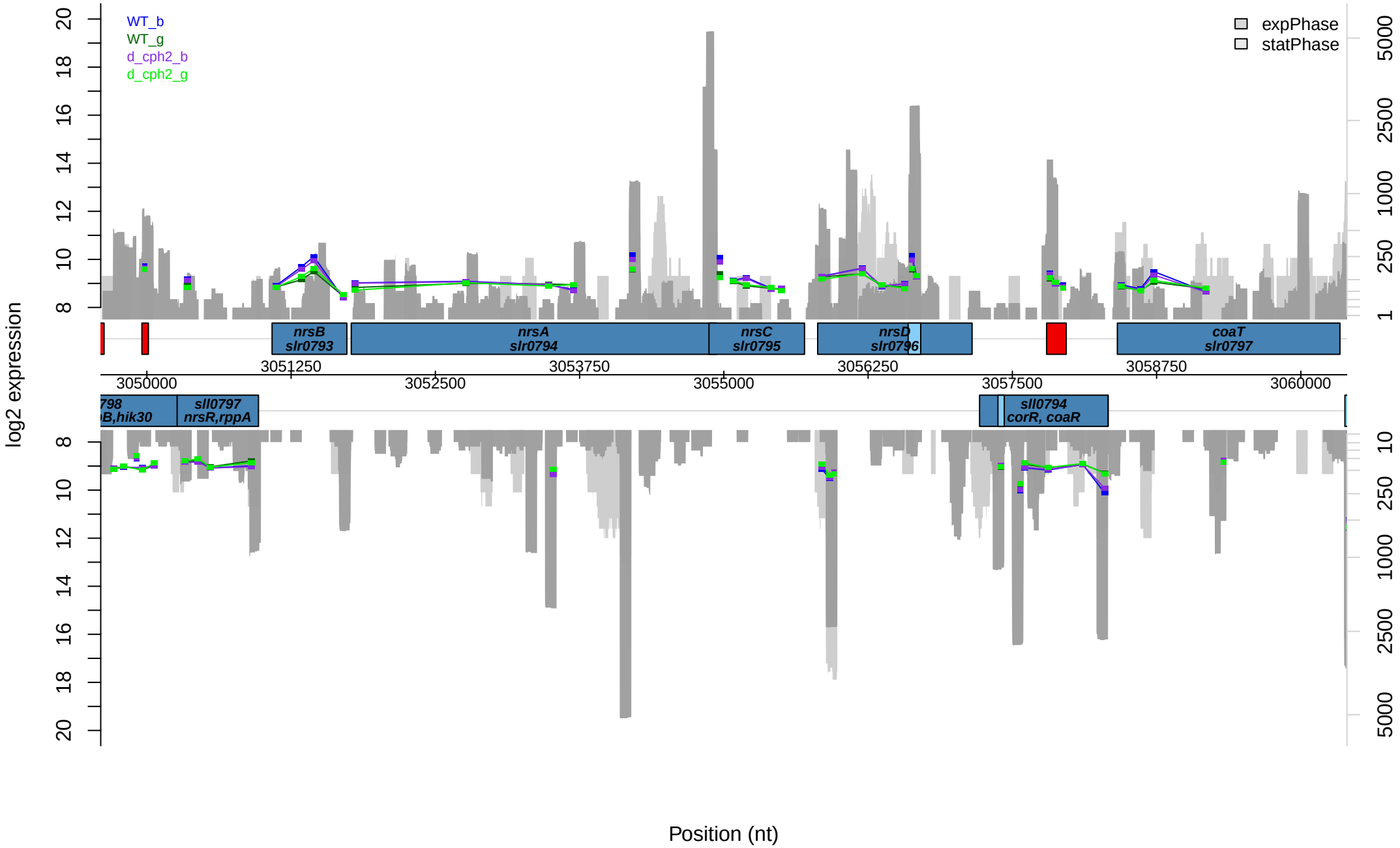

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
thiC
slr0118
brkB
slr0119
slr0120
slr0121
fraH
slr0298
3001250
3003750
3006250
3008750
3e+06
3002500
3005000
3007500
3010000
sll0290
ppk
ssl0546
minE
sll0289
minD
sll0288
minC
Position (nt)

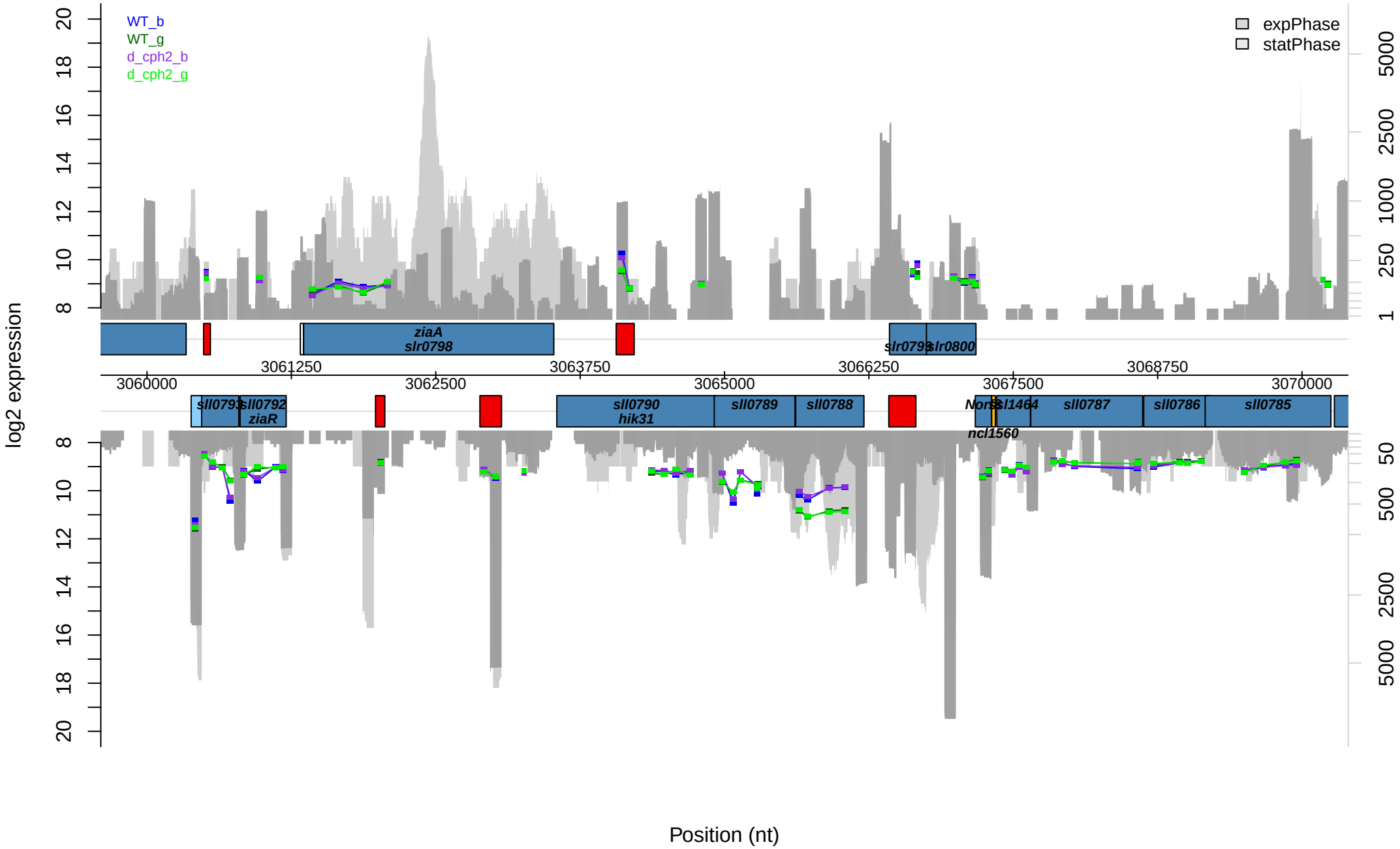

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
fraH
slr0298
slr0299
slr0300
ppsA
slr0301
slr0302
slr0303
slr0304
slr0305
3010000
3011250
3012500
3013750
3015000
3016250
3017500
3018750
3020000

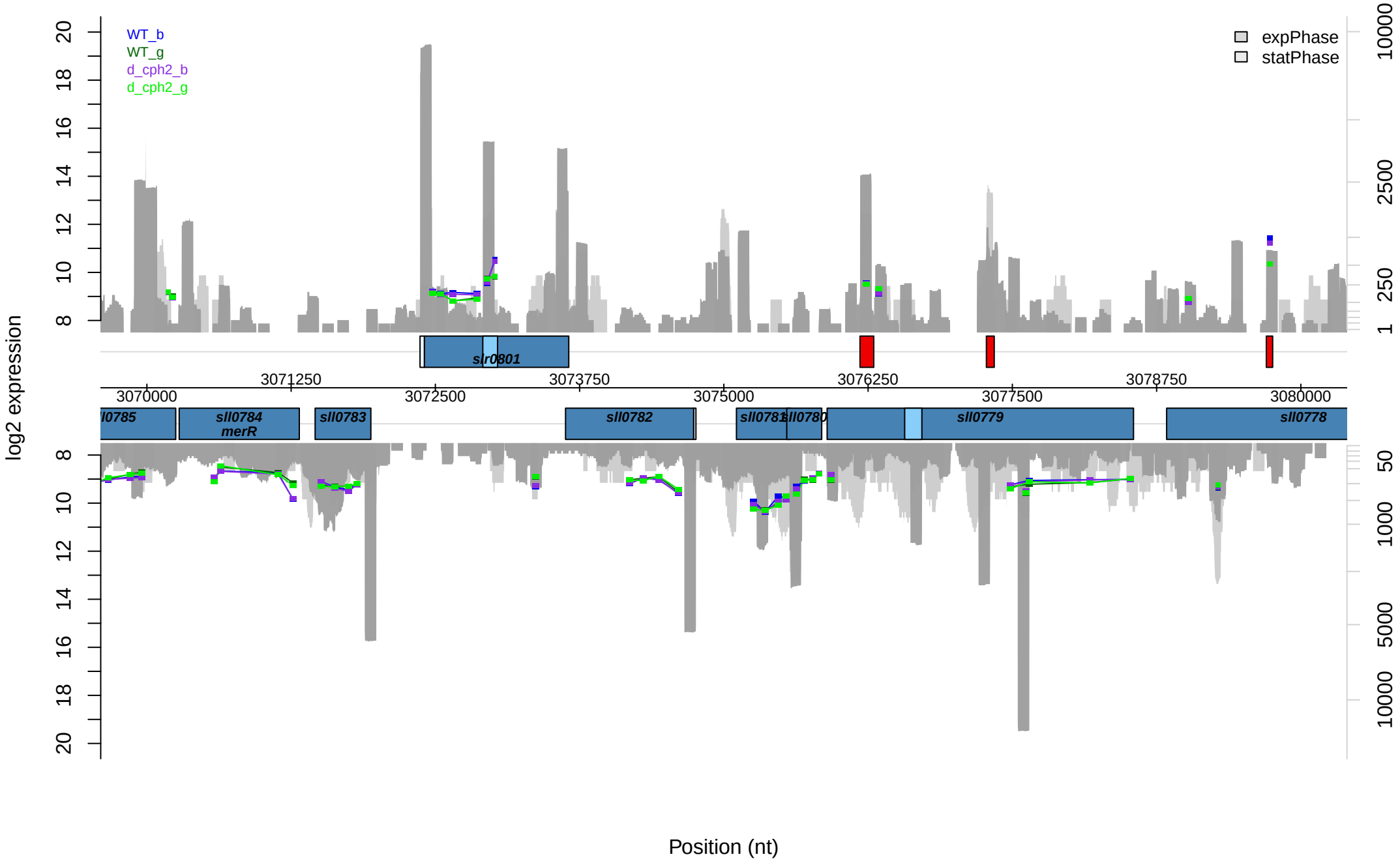

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0306
slr0309
sll0286
ycf52
sll0284
sll0283
ncl1520
ncl1530
sll0282
sll0281
3020000
3021250
3022500
3023750
3025000
3026250
3027500
3028750
3030000

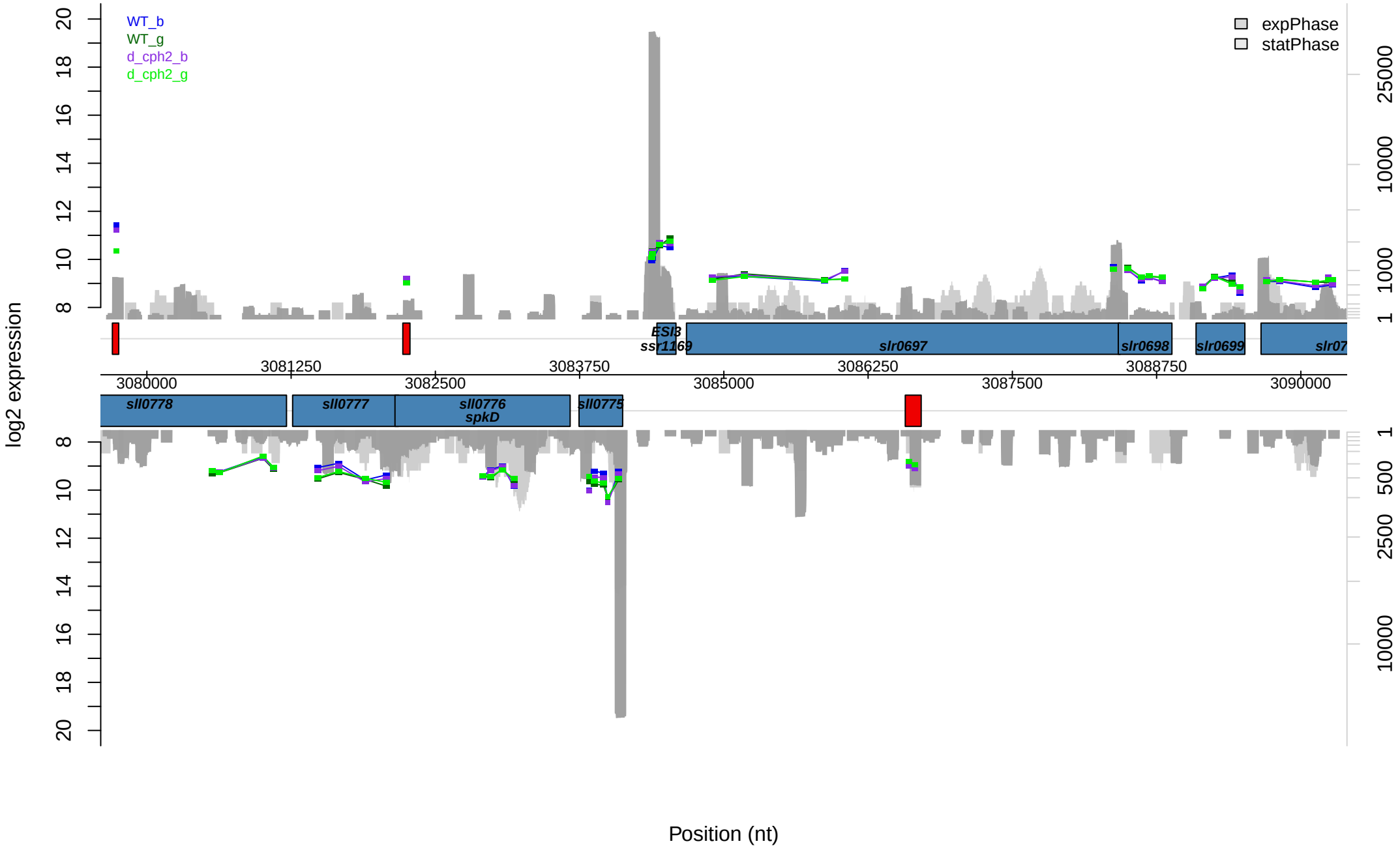

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hik29
ssr0511
slr0311
slr0312
slr0313
slr0314
slr0315
slr0316
ssr0515
slr031
sll0281
sll0280
3030000
3031250
3032500
3033750
3035000
3036250
3037500
3038750
3040000

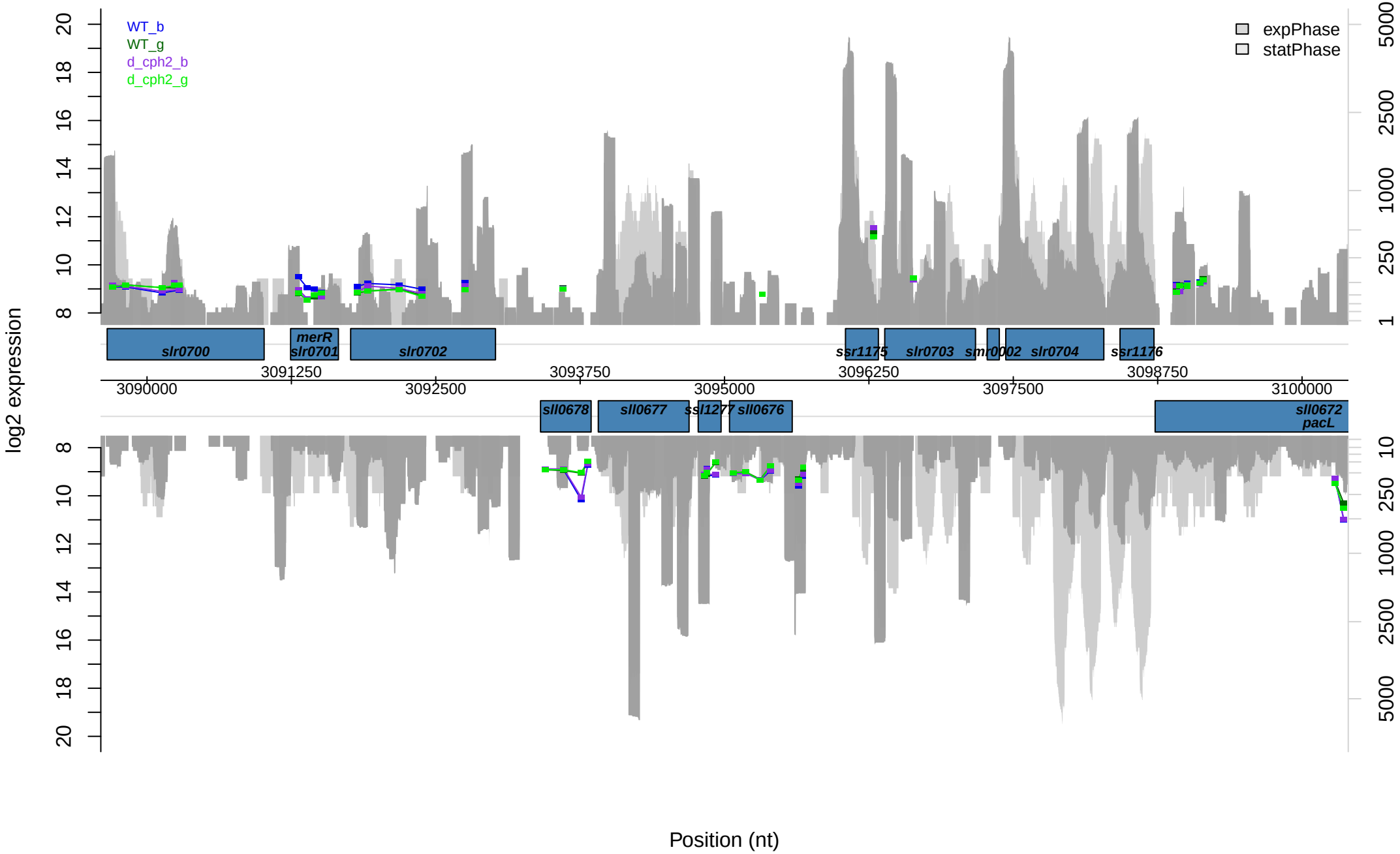

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0317
slr0318
blaOXA−3
slr0319
map
slr0786
slr0787
slr0788
slr0789
umuC
slr0790
3040000
3041250
3042500
3043750
3045000
3046250
3047500
3048750
3050000
ssl0511
sll0800
ssl1493
sll0798
nrsS,rppB,hik30

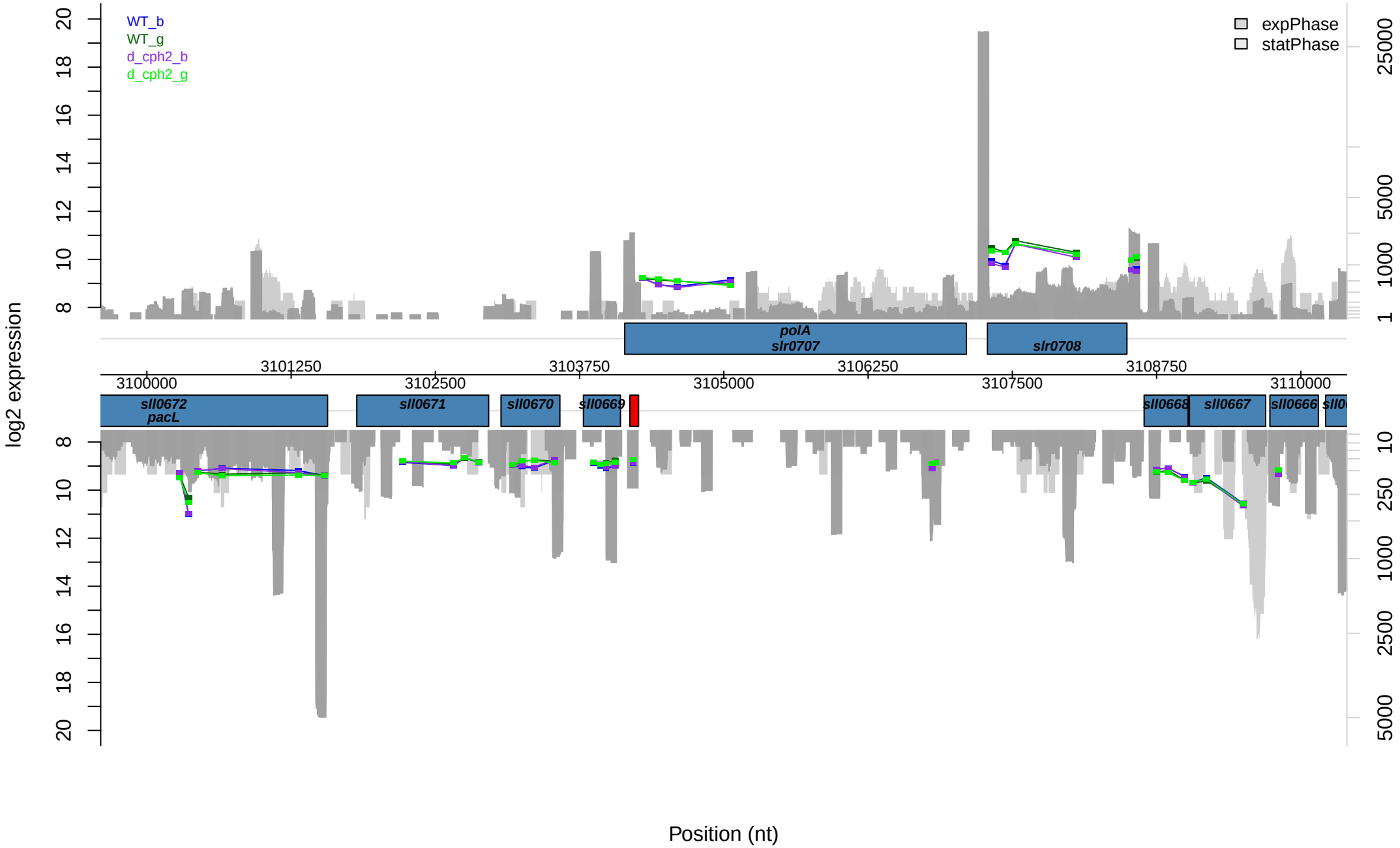

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
nrsB
slr0793
nrsA
slr0794
nrsC
slr0795
nrsD
slr0796
coaT
slr0797
sll0797
nrsR,rppA
sll0794
corR, coaR
3050000
3051250
3052500
3053750
3055000
3056250
3057500
3058750
3060000

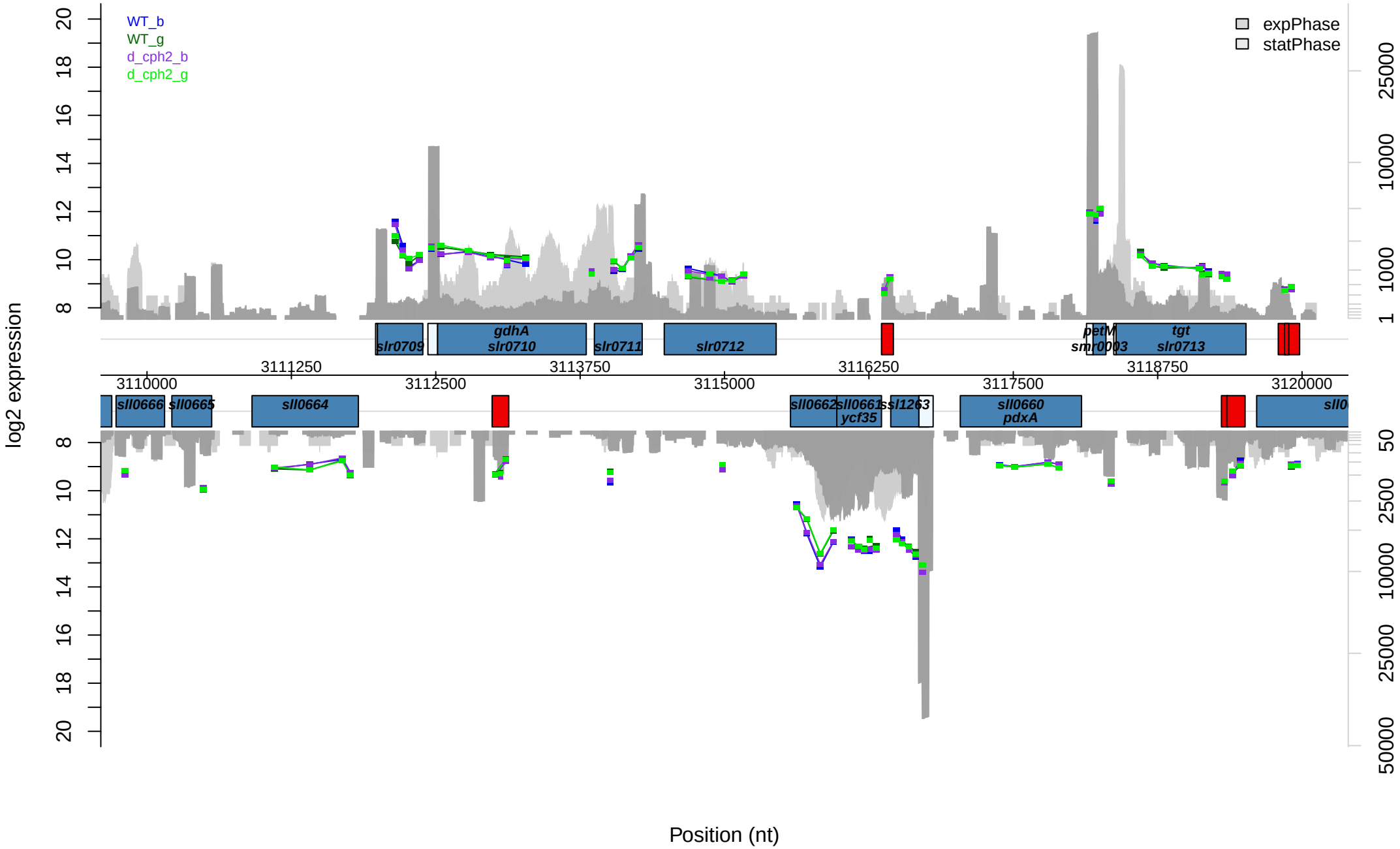

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ziaA
slr0798
slr0799
slr0800
sll0791
sll0792
ziaR
sll0790
hik31
sll0789
sll0788
NorR
sll1464
ncl1560
sll0787
sll0786
sll0785
3060000
3061250
3062500
3063750
3065000
3066250
3067500
3068750
3070000

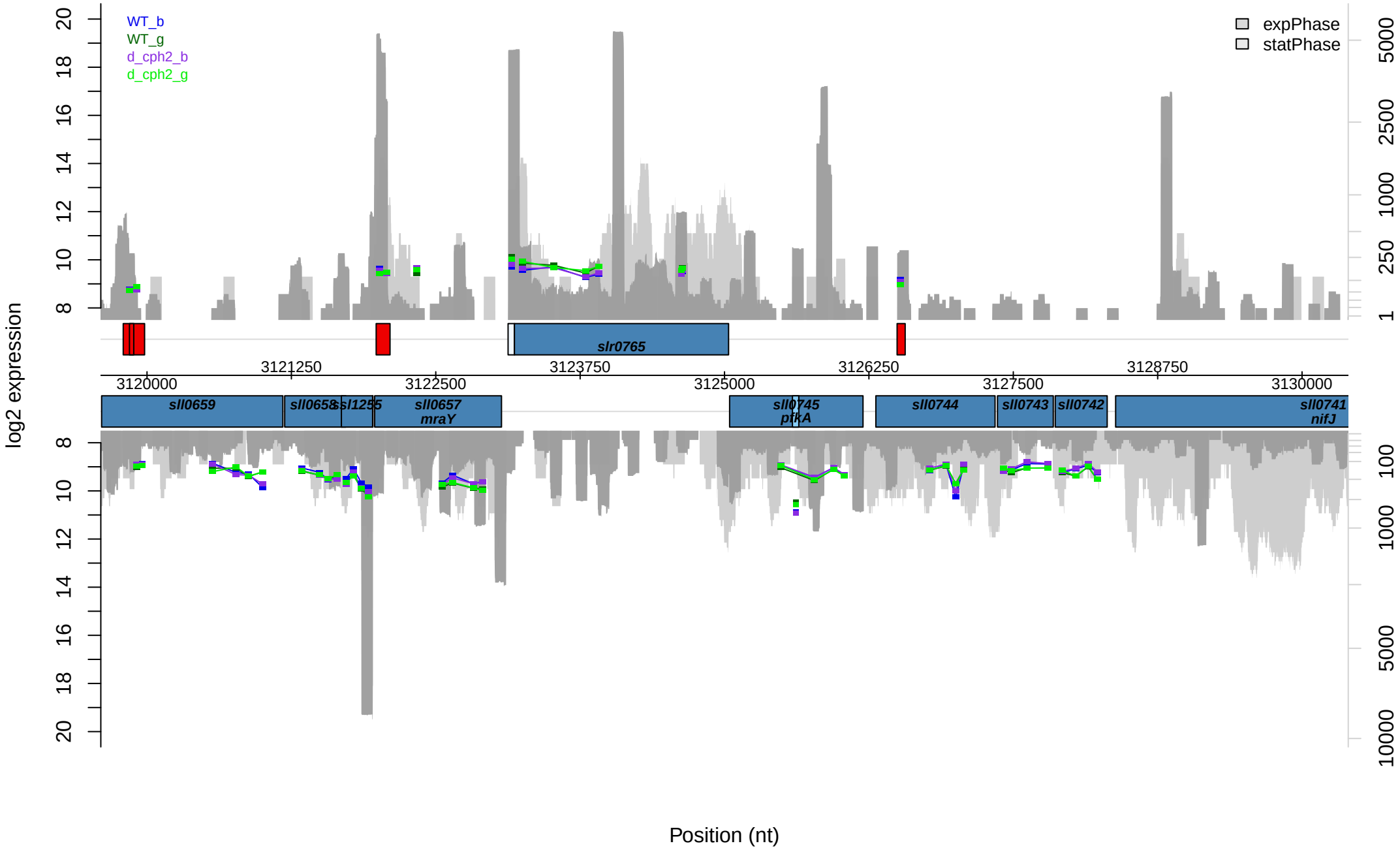

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0801
sll0784
merR
sll0783
sll0782
sll0781
sll0780
sll0779
sll0778
3070000
3071250
3072500
3073750
3075000
3076250
3077500
3078750
3080000

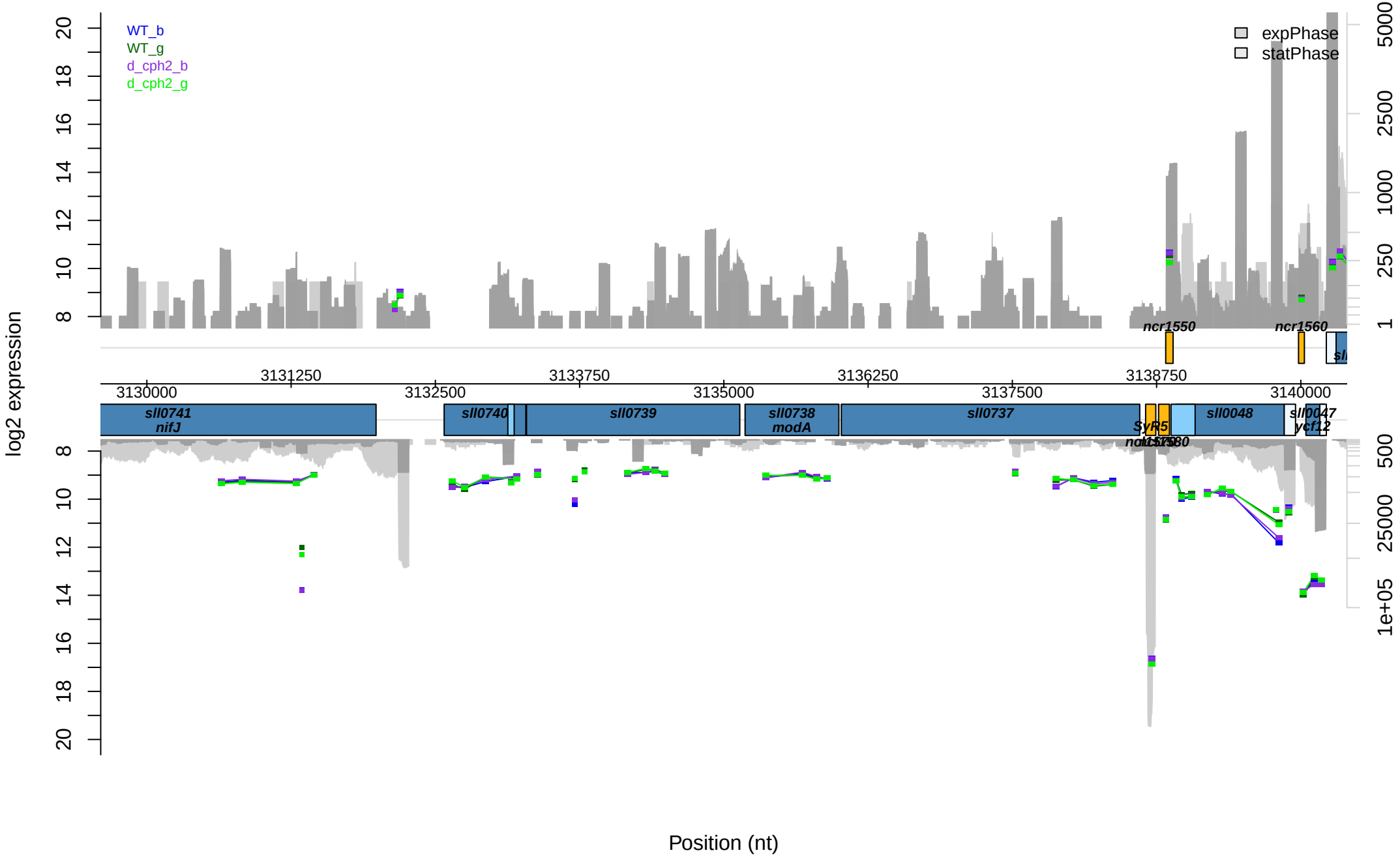

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ESI3
ssr1169
slr0697
slr0698
slr0699
slr07
sll0778
sll0777
sll0776
spkD
sll0775
3080000
3081250
3082500
3083750
3085000
3086250
3087500
3088750
3090000

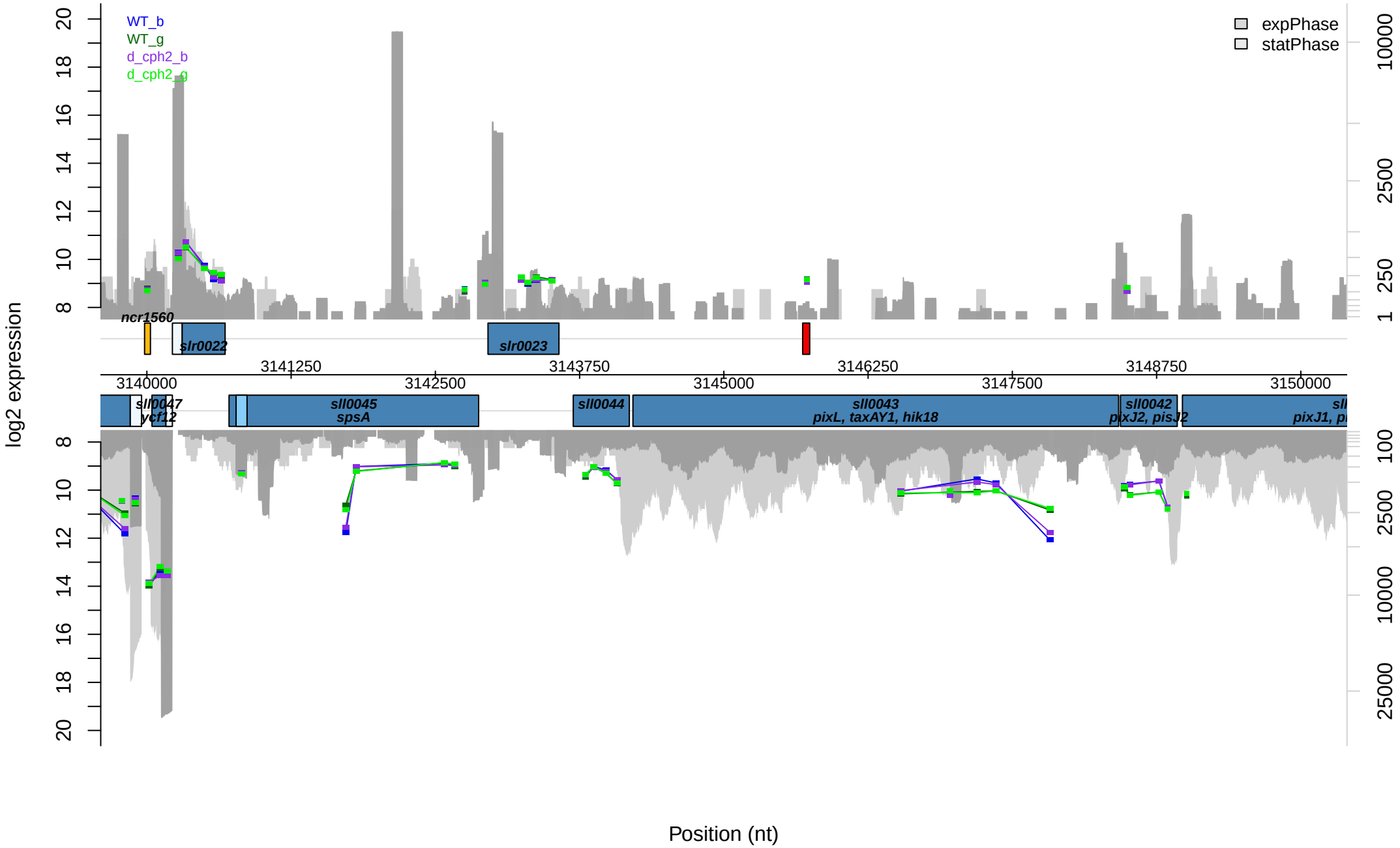

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0700
merR
slr0701
slr0702
ssr1175
slr0703
smr0002
slr0704
ssr1176
sll0678
sll0677
ssl1277
sll0676
sll0672
pacL
3090000
3091250
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3097500
3098750
3100000

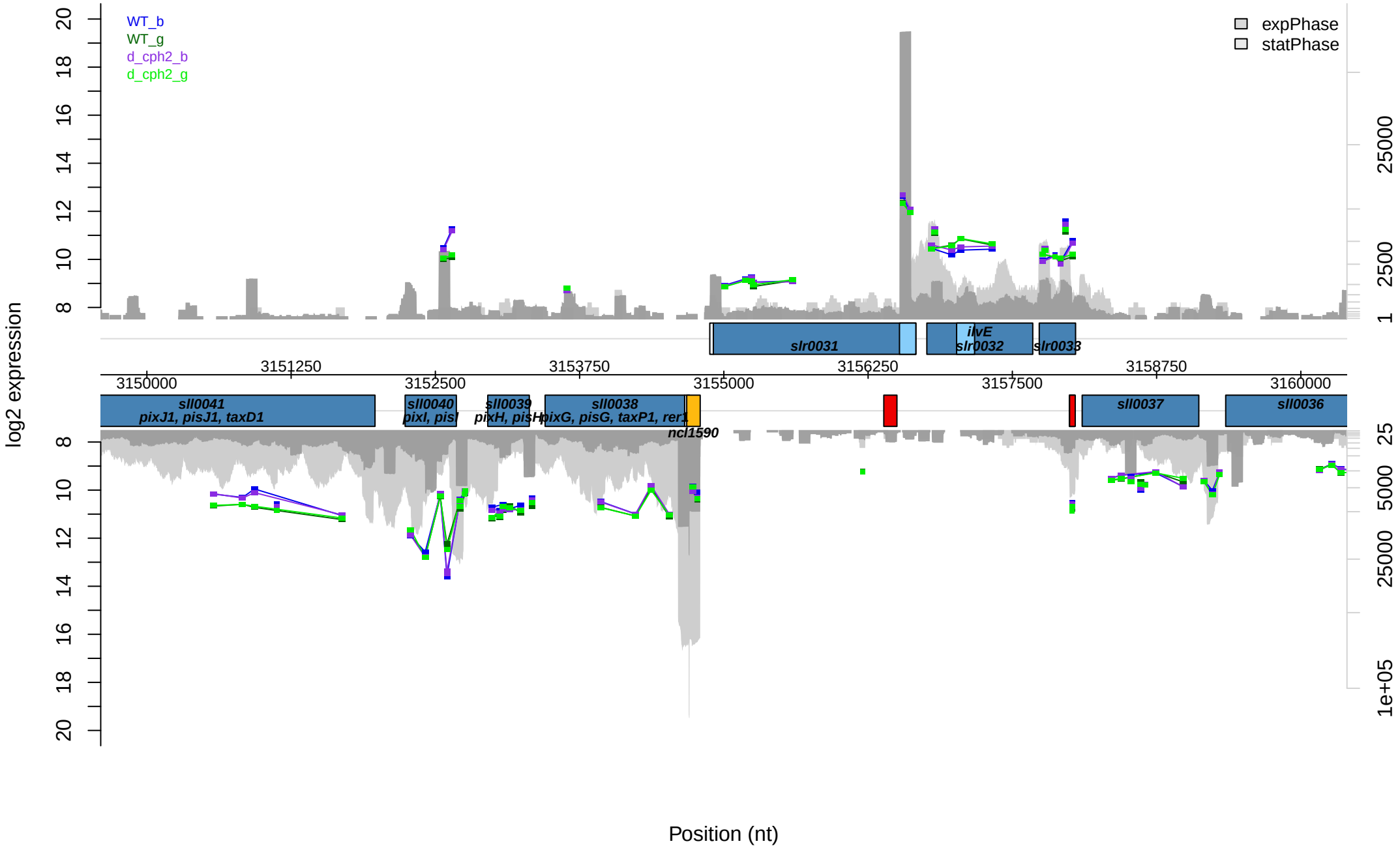

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
polA
slr0707
slr0708
sll0672
pacL
sll0671
sll0670
sll0669
sll0668
sll0667
sll0666
3100000
3101250
3102500
3103750
3105000
3106250
3107500
3108750
3110000

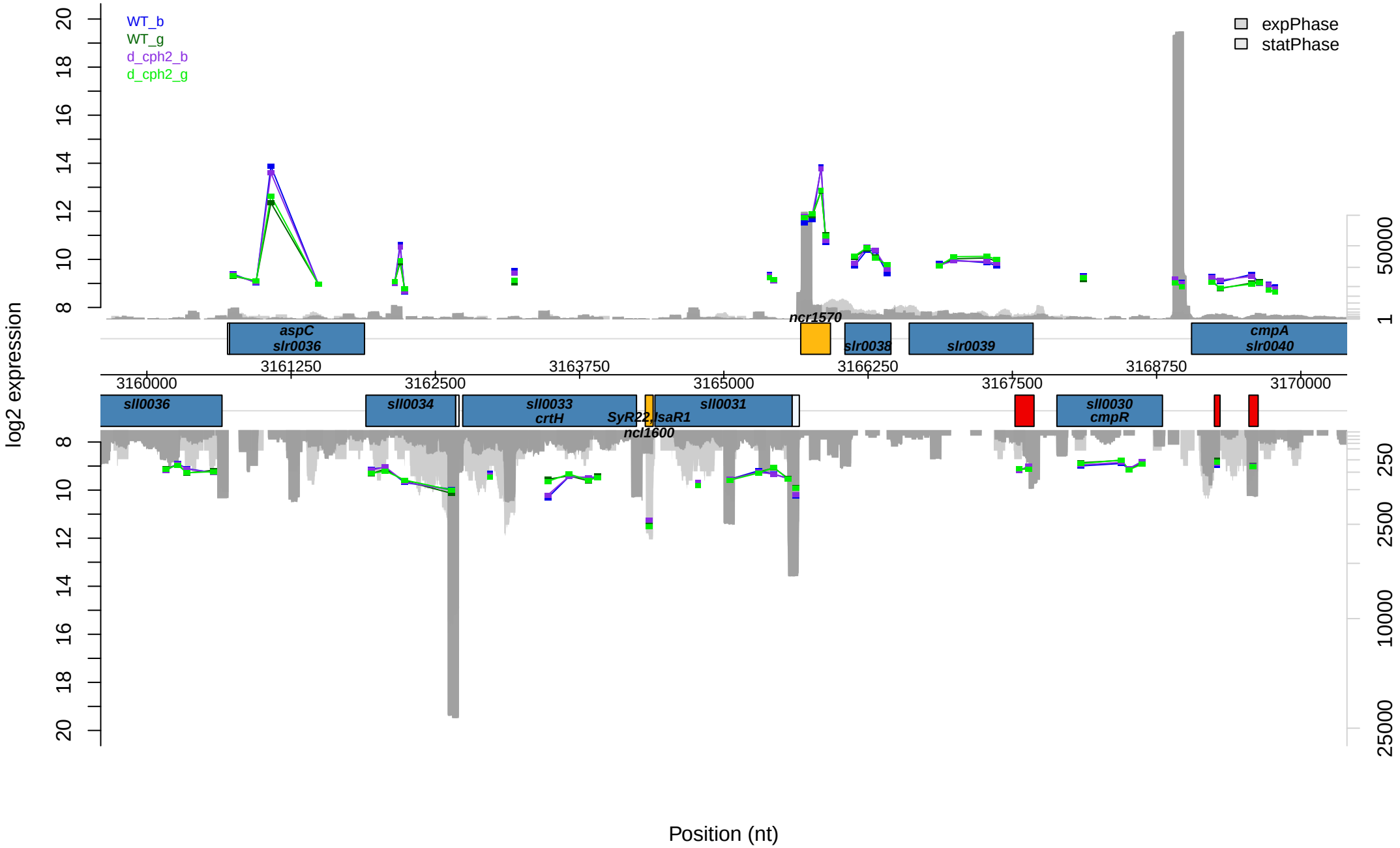

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0709
gdhA
slr0710
slr0711
slr0712
petM
smr0003
tgt
slr0713
sll0666
sll0665
sll0664
sll0662
sll0661
ycf35
ssl1263
sll0660
pdxA
3110000
3111250
3112500
3113750
3115000
3116250
3117500
3118750
3120000

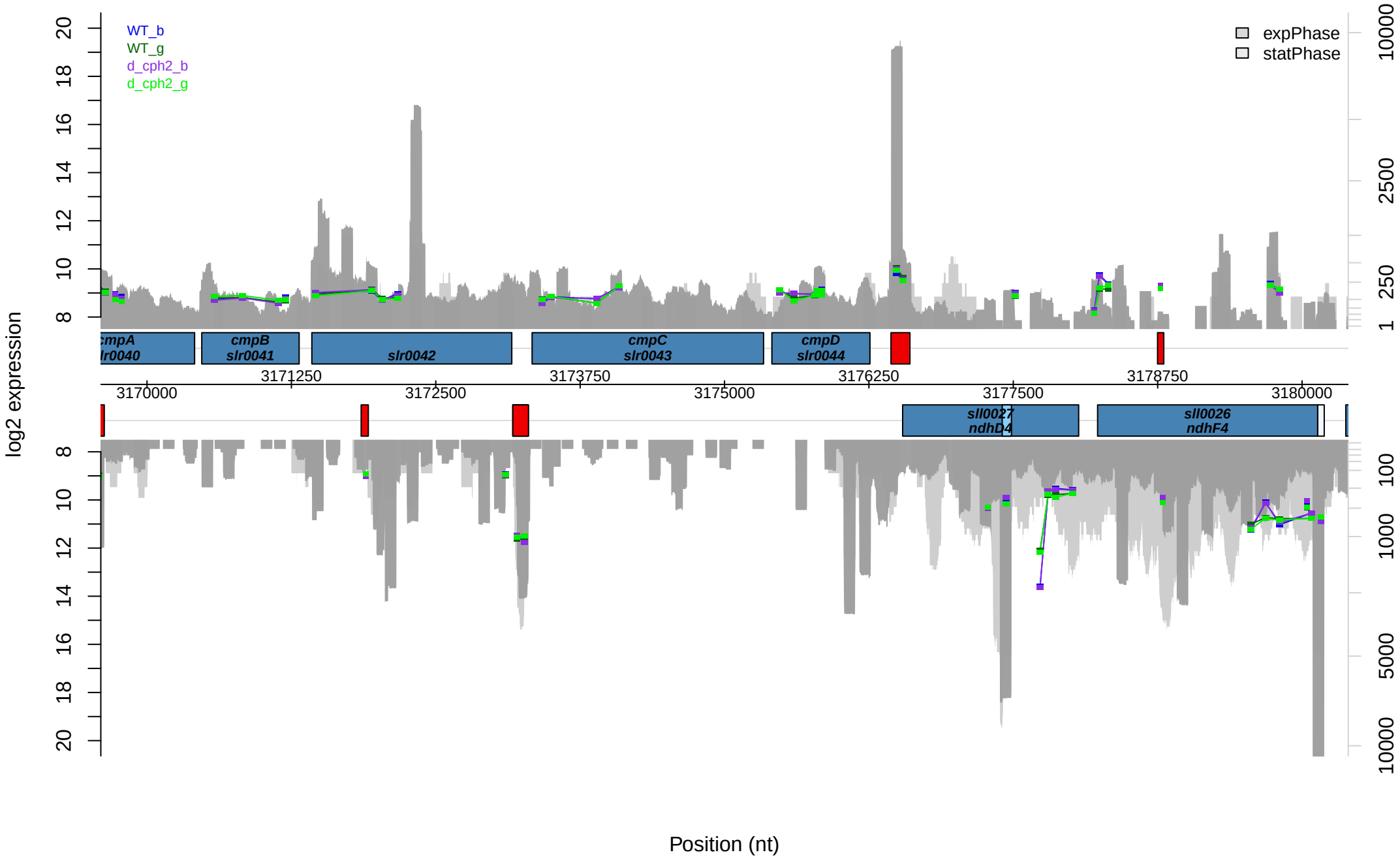

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0765
sll0659
sll0658
sll1255
sll0657
mraY
sll0745
pfkA
sll0744
sll0743
sll0742
sll0741
nifJ
3120000
3121250
3122500
3123750
3125000
3126250
3127500
3128750
3130000

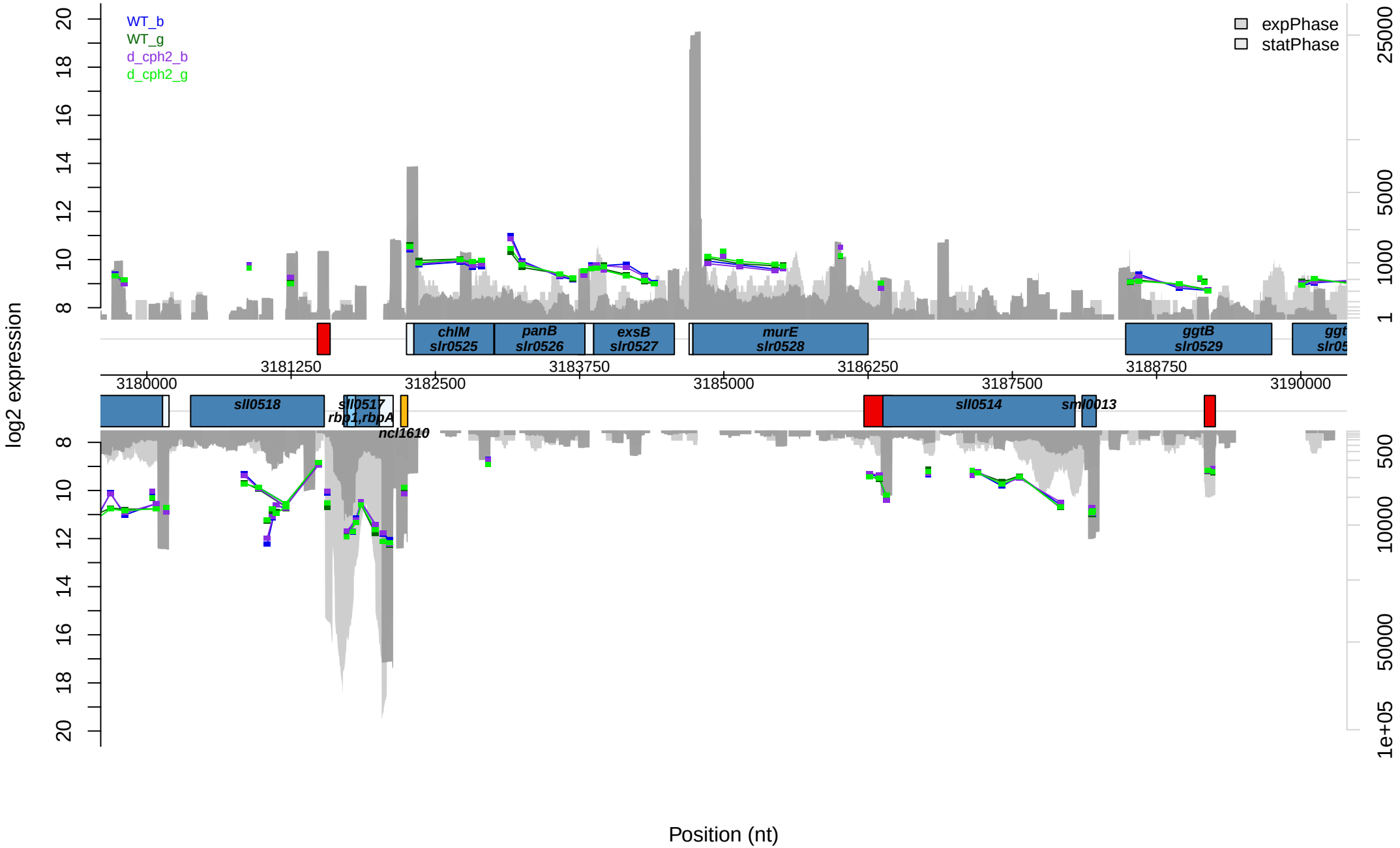

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
3130000
3131250
3132500
3133750
3135000
3136250
3137500
3138750
3140000
sll0741
nifJ
sll0740
sll0739
sll0738
modA
sll0737
SyR5
sll0048
sll0047
ycf12
ncr1550
ncr1560

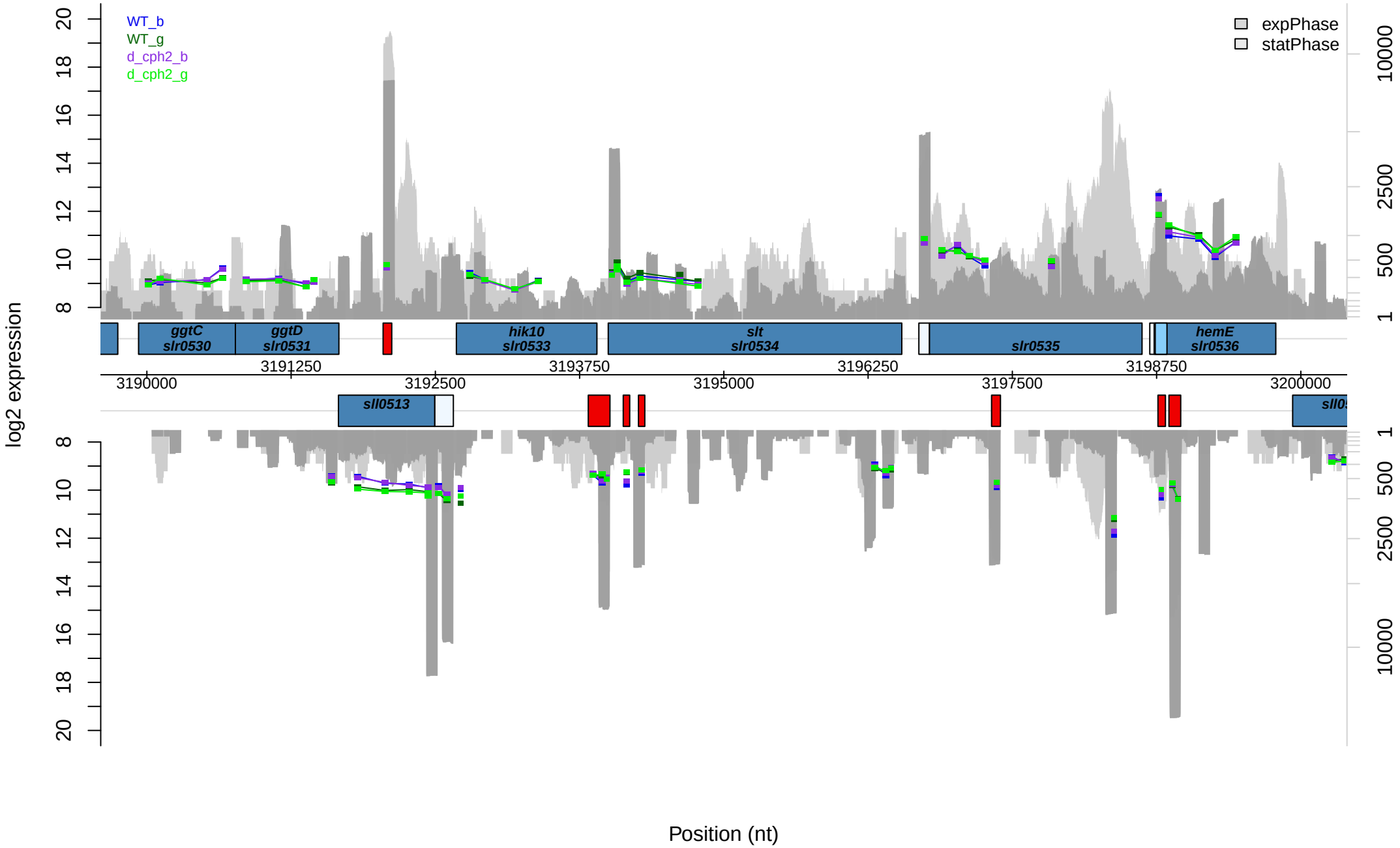

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1560
slr0022
slr0023
3140000
3141250
3142500
3143750
3145000
3146250
3147500
3148750
3150000
sll0047
ycf12
sll0045
spsA
sll0044
sll0043
pixL, taxAY1, hik18
sll0042
pixJ2, pisJ2
pixJ1, p

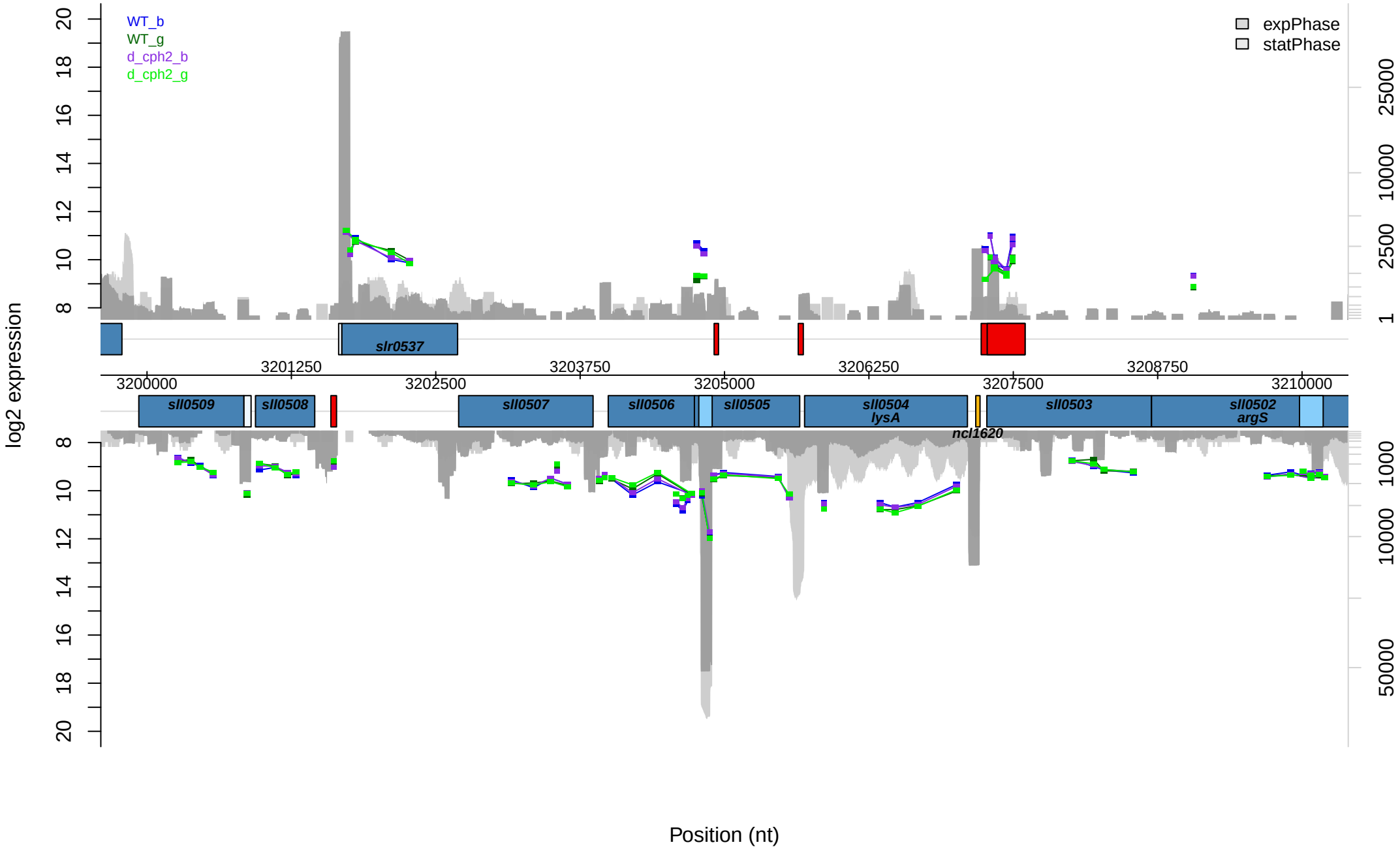

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0031
ilvE
slr0032
slr0033
sll0041
pixJ1, pisJ1, taxD1
sll0040
pixI, pisI
sll0039
pixH, pisH
sll0038
pixG, pisG, taxP1, rer1
ncl1590
sll0037
sll0036
3150000
3151250
3152500
3153750
3155000
3156250
3157500
3158750
3160000

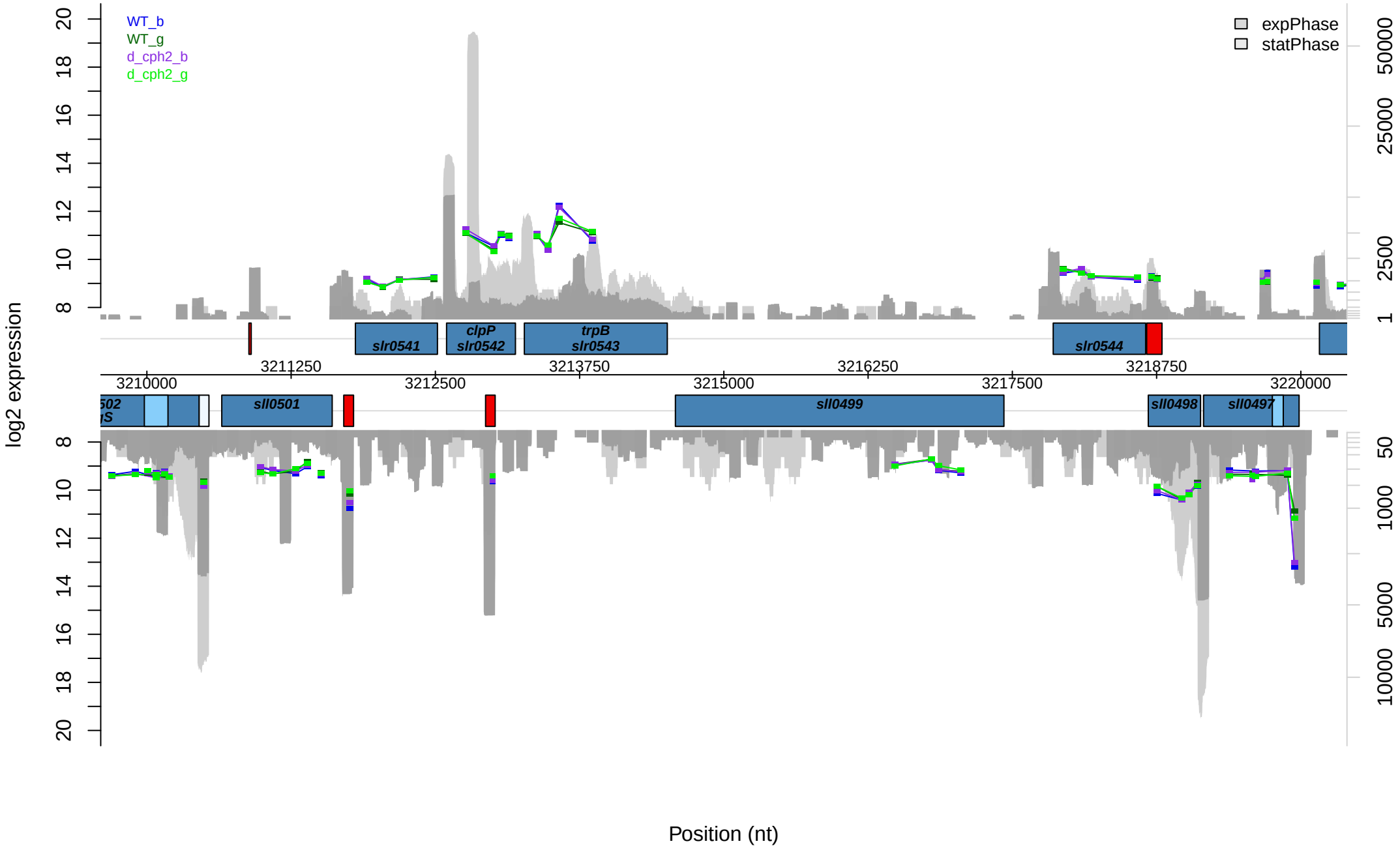

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
aspC
slr0036
ncr1570
slr0038
slr0039
cmpA
slr0040
sll0036
sll0034
sll0033
crtH
SyR22_IsaR1
ncl1600
sll0031
sll0030
cmpR
3160000
3161250
3162500
3163750
3165000
3166250
3167500
3168750
3170000

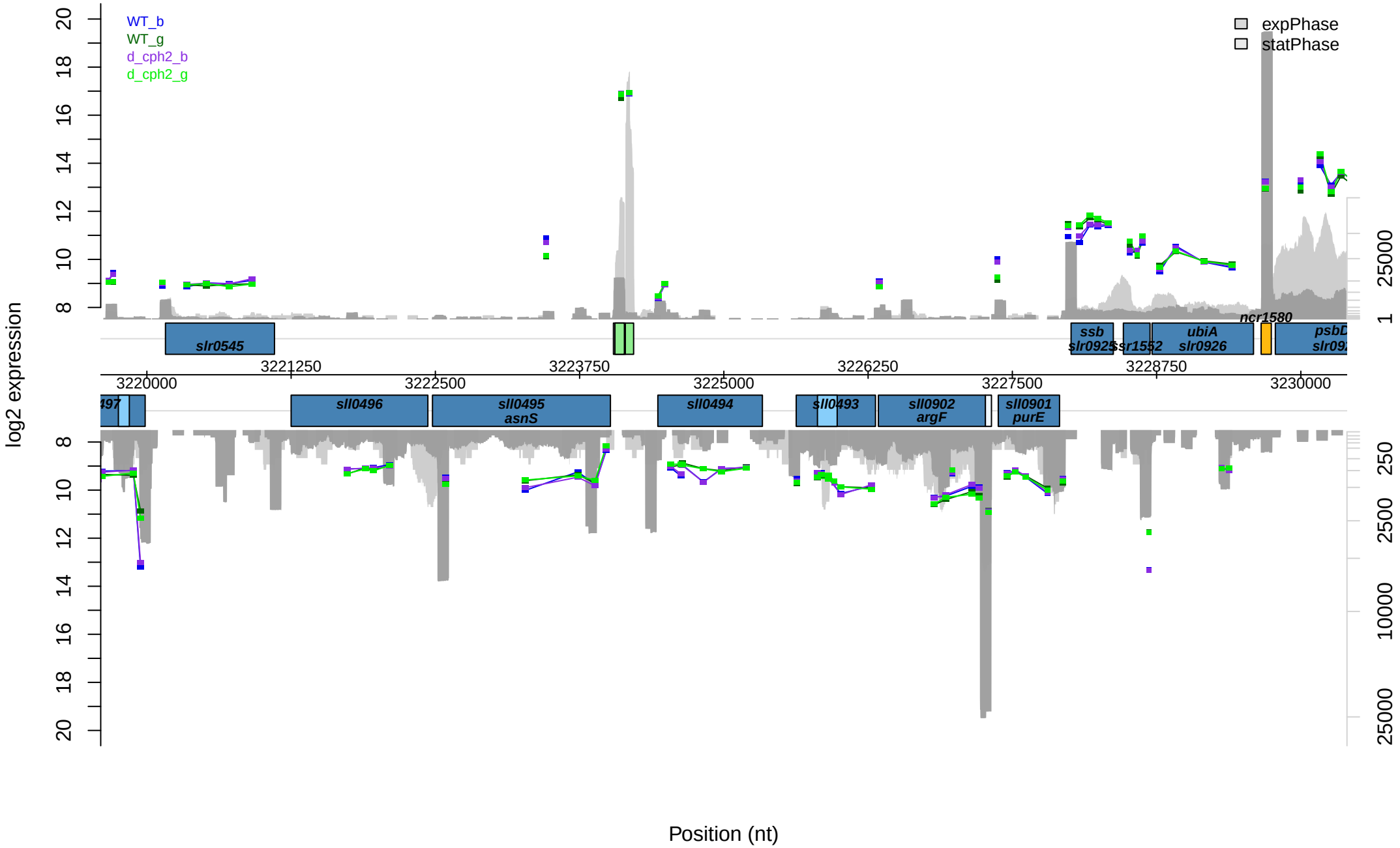

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cmpA
slr0040
cmpB
slr0041
slr0042
cmpC
slr0043
cmpD
slr0044
sll0027
ndhD4
sll0026
ndhF4
3170000
3171250
3172500
3173750
3175000
3176250
3177500
3178750
3180000

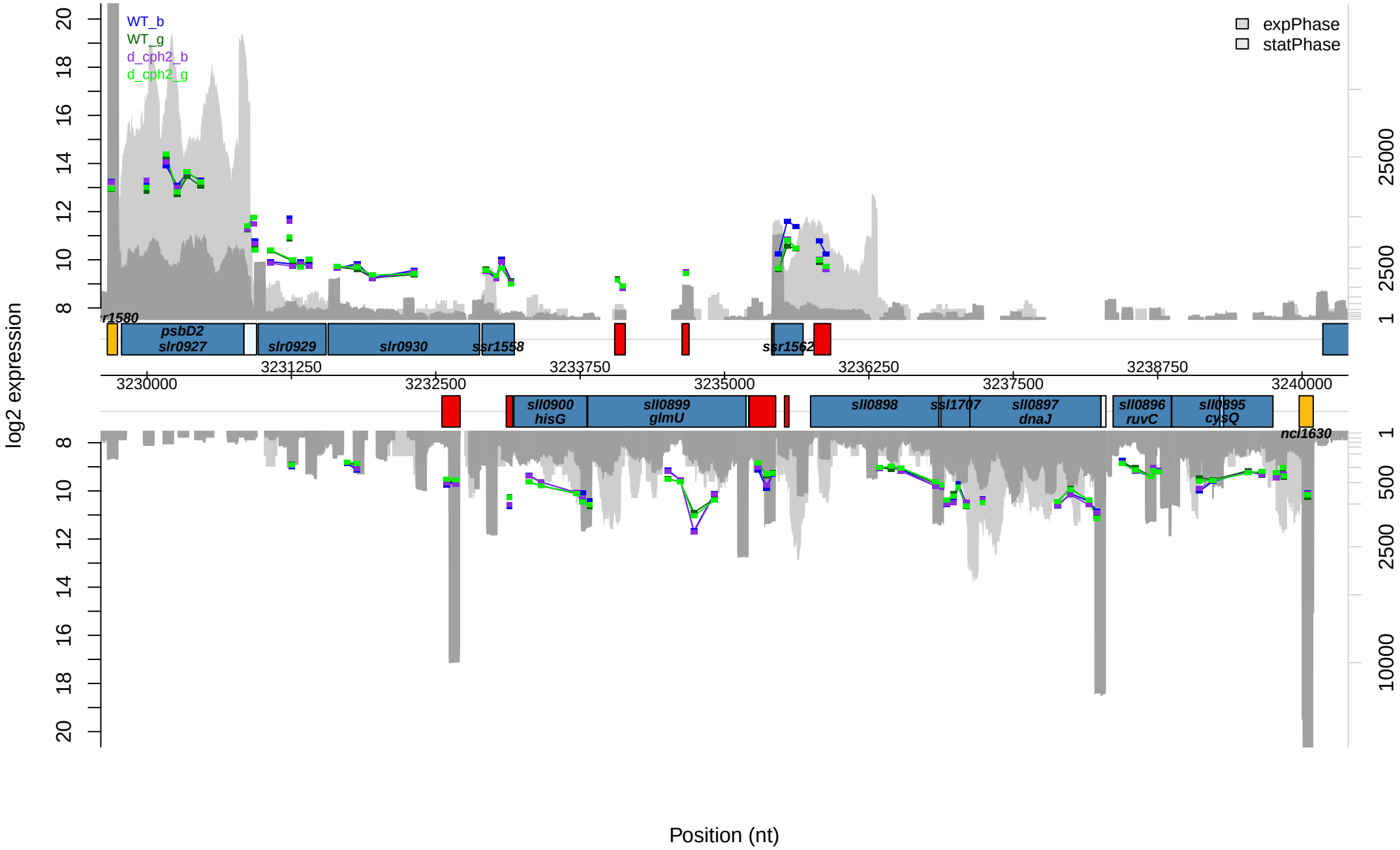

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
chlM slr0525
panB slr0526
exsB slr0527
murE slr0528
ggtB slr0529
sll0518
sll0517
rbp1,rbpA
ncl1610
sll0514
sml0013
3180000
3181250
3182500
3183750
3185000
3186250
3187500
3188750
3190000

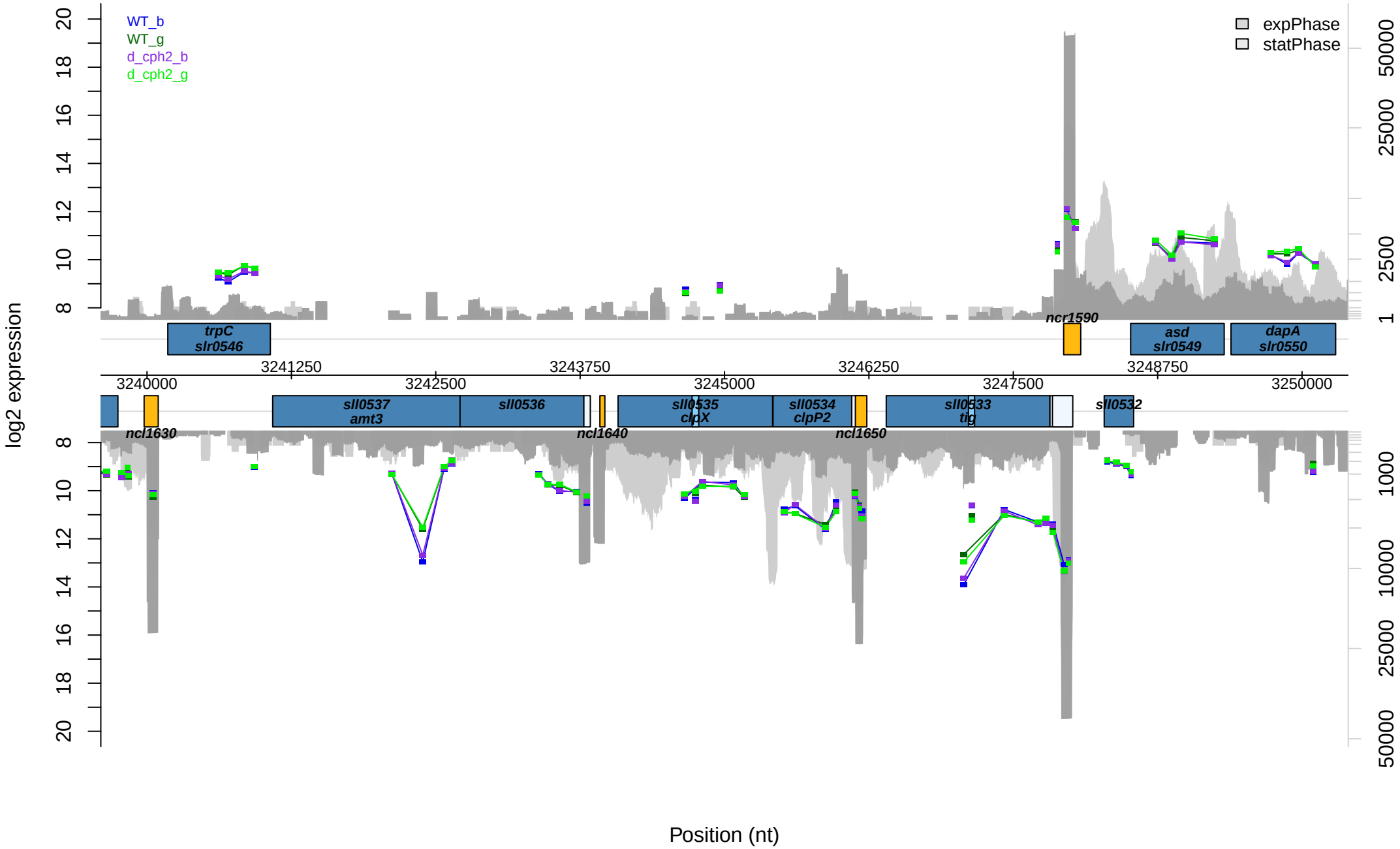

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ggtC
slr0530
ggtD
slr0531
hik10
slr0533
slt
slr0534
slr0535
hemE
slr0536
sll0513
3190000
3191250
3192500
3193750
3195000
3196250
3197500
3198750
3200000

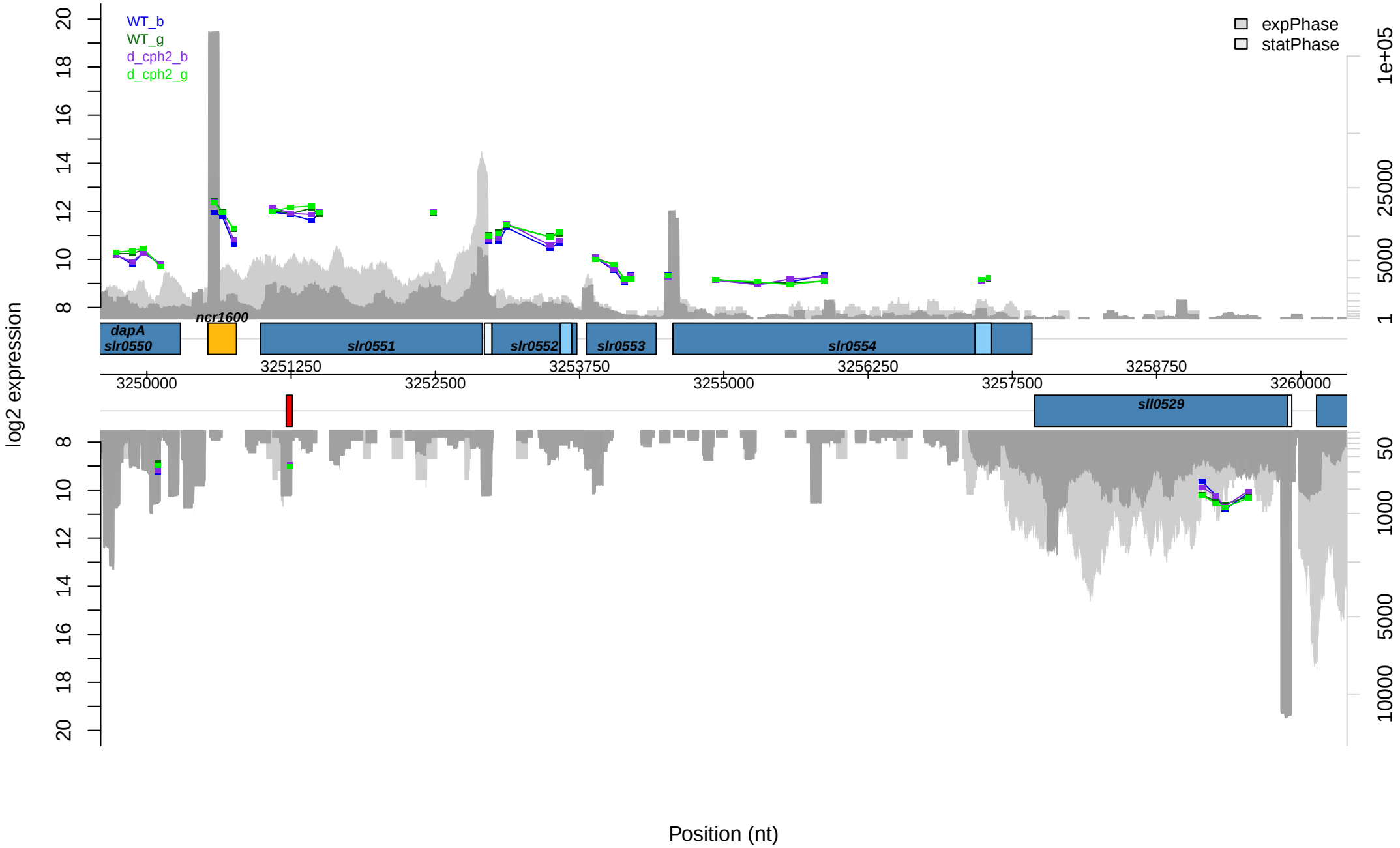

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0537
3200000
3201250
3202500
3203750
3205000
3206250
3207500
3208750
3210000
sll0509
sll0508
sll0507
sll0506
sll0505
sll0504
lysA
sll0503
sll0502
argS
ncl1620

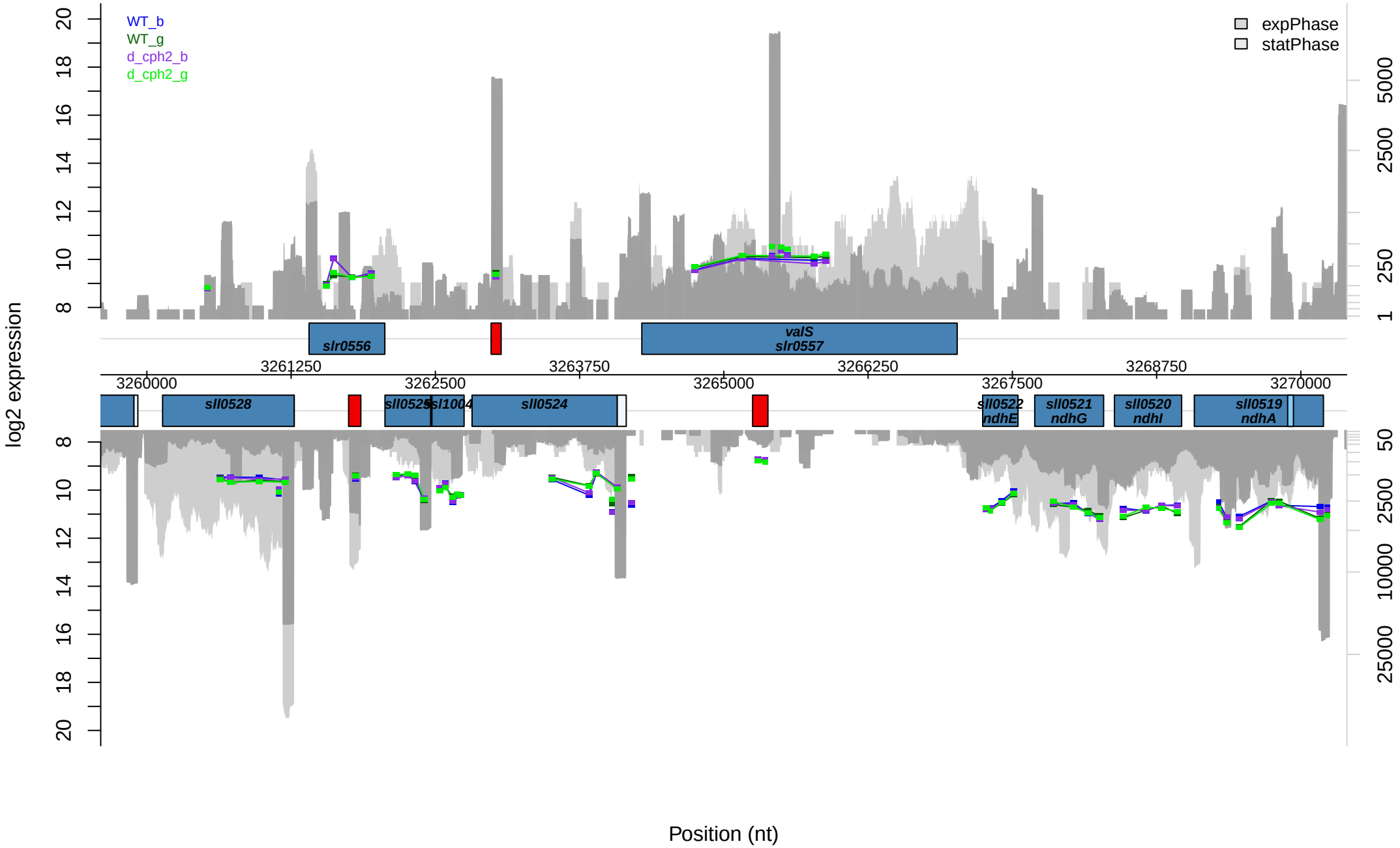

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0541
clpP
slr0542
trpB
slr0543
slr0544
sll0501
sll0499
sll0498
sll0497
3210000
3211250
3212500
3213750
3215000
3216250
3217500
3218750
3220000

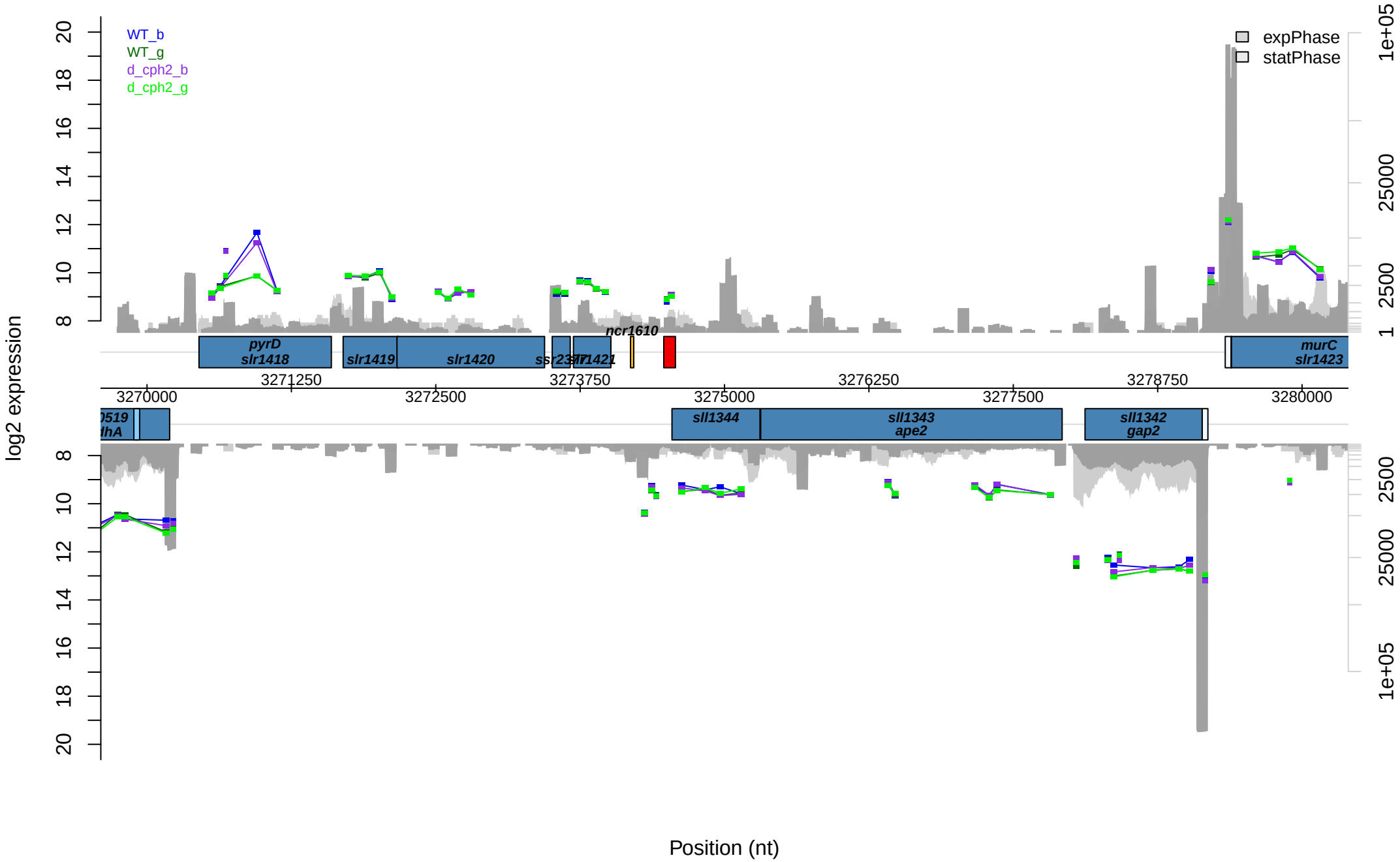

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0545
ssb
slr0925
ssr1552
ubiA
slr0926
ncr1580
sll0496
sll0495
asnS
sll0494
sll0493
sll0902
argF
sll0901
purE
3220000
3221250
3222500
3223750
3225000
3226250
3227500
3228750
3230000

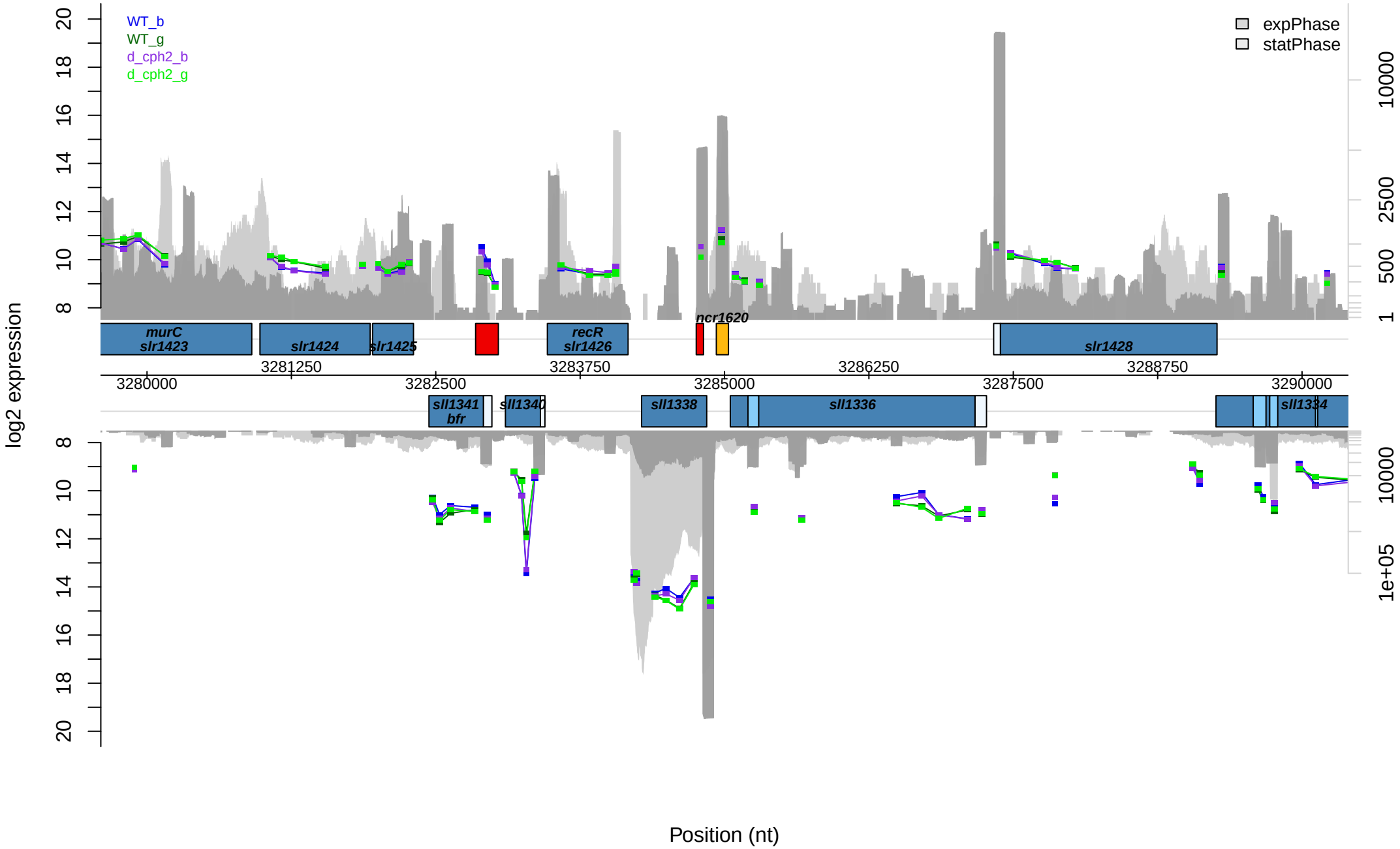

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
r1580
psbD2
slr0927
slr0929
slr0930
ssr1558
ssr1562
sll0900
hisG
sll0899
glmU
sll0898
ssl1707
sll0897
dnaJ
sll0896
ruvC
sll0895
cysQ
ncl1630
3230000
3231250
3232500
3233750
3235000
3236250
3237500
3238750
3240000

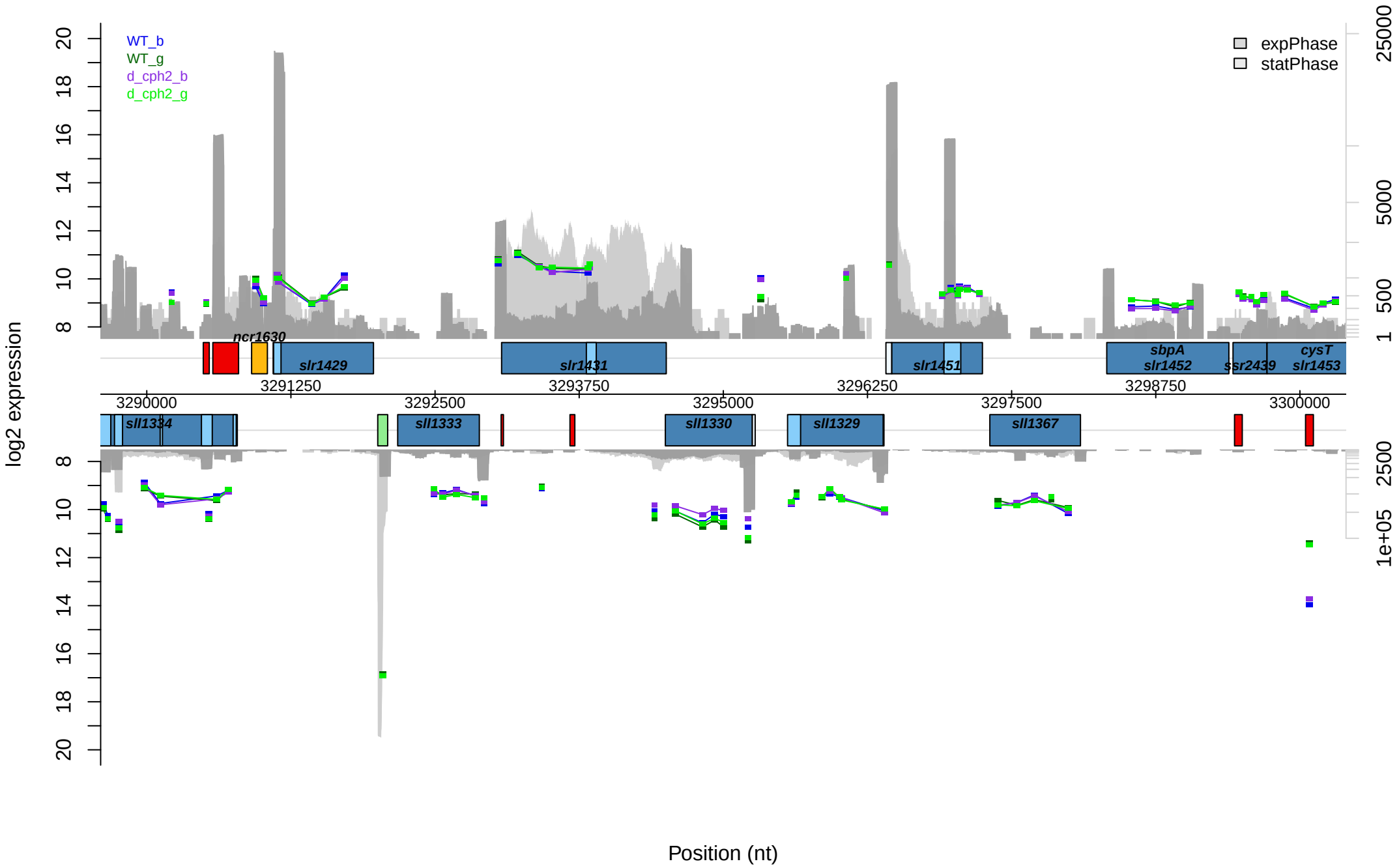

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
trpC
slr0546
ncr1590
asd
slr0549
dapA
slr0550
sll0537
amt3
sll0536
sll0535
clpX
sll0534
clpP2
sll0533
tig
sll0532
ncl1630
ncl1640
ncl1650
3240000
3241250
3242500
3243750
3245000
3246250
3247500
3248750
3250000

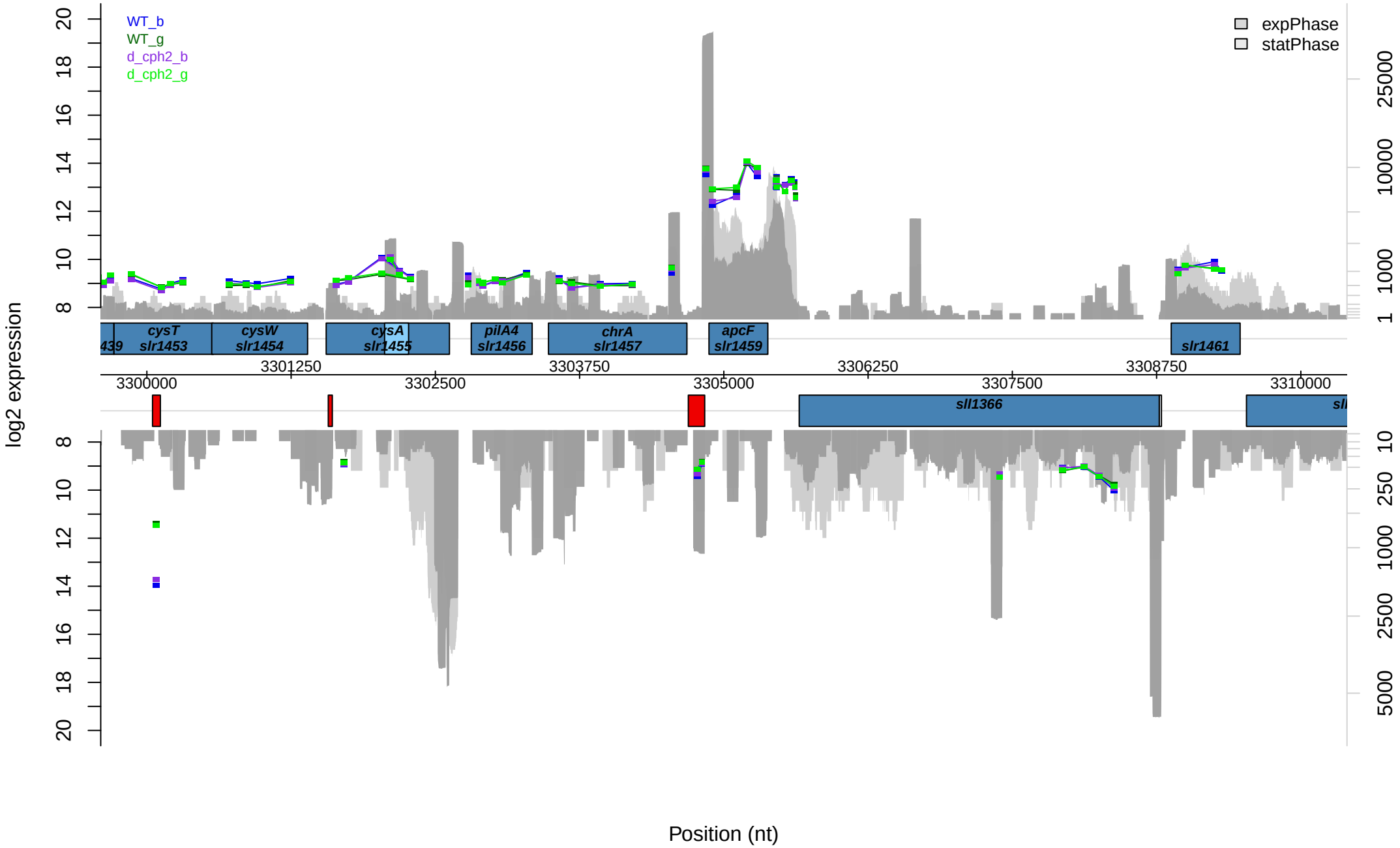

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
dapA
slr0550
ncr1600
slr0551
slr0552
slr0553
slr0554
sll0529
3250000
3251250
3252500
3253750
3255000
3256250
3257500
3258750
3260000

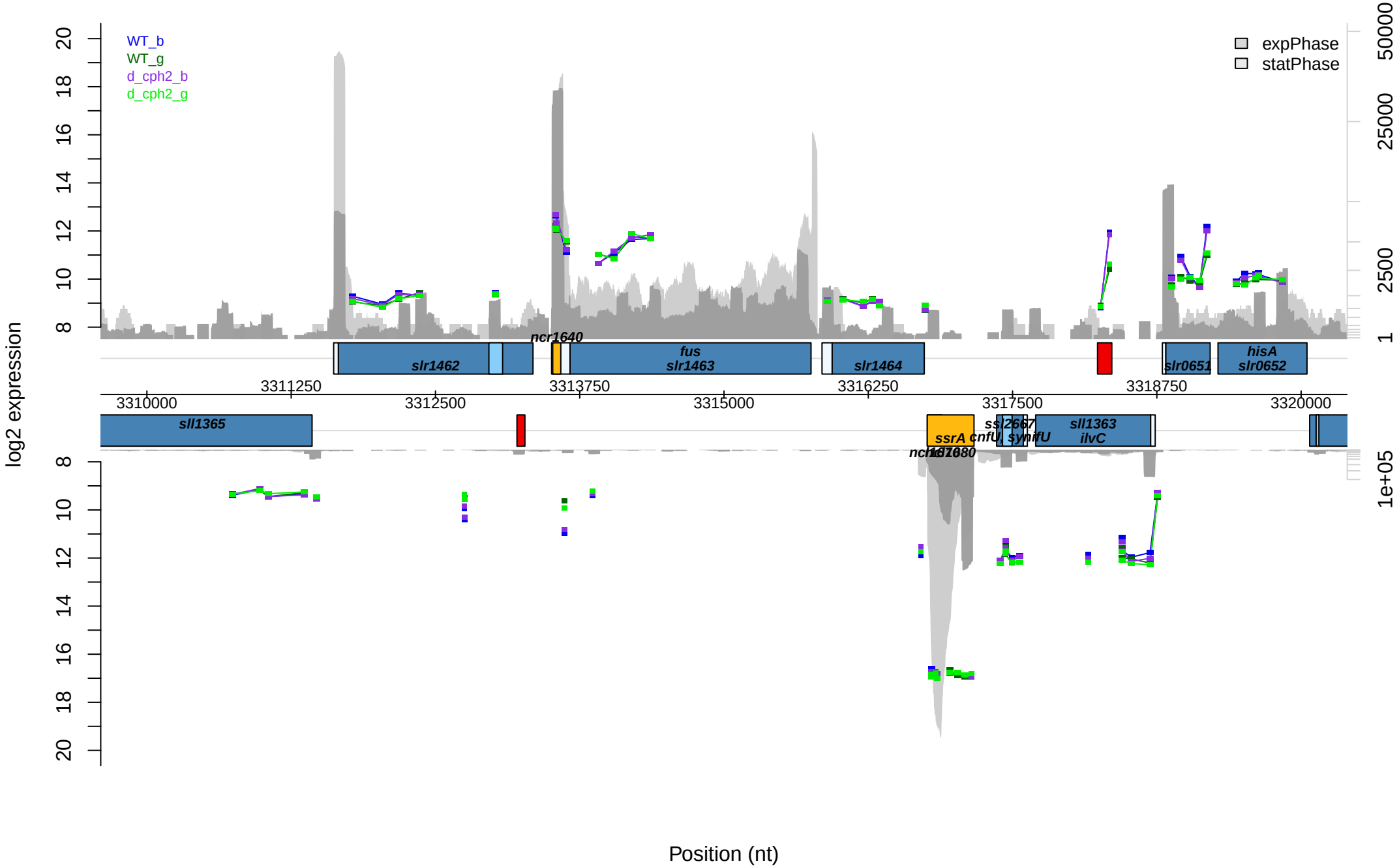

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0556
valS
slr0557
sll0528
sll0525
sll1004
sll0524
sll0522
ndhE
sll0521
ndhG
sll0520
ndhI
sll0519
ndhA
3260000
3261250
3262500
3263750
3265000
3266250
3267500
3268750
3270000

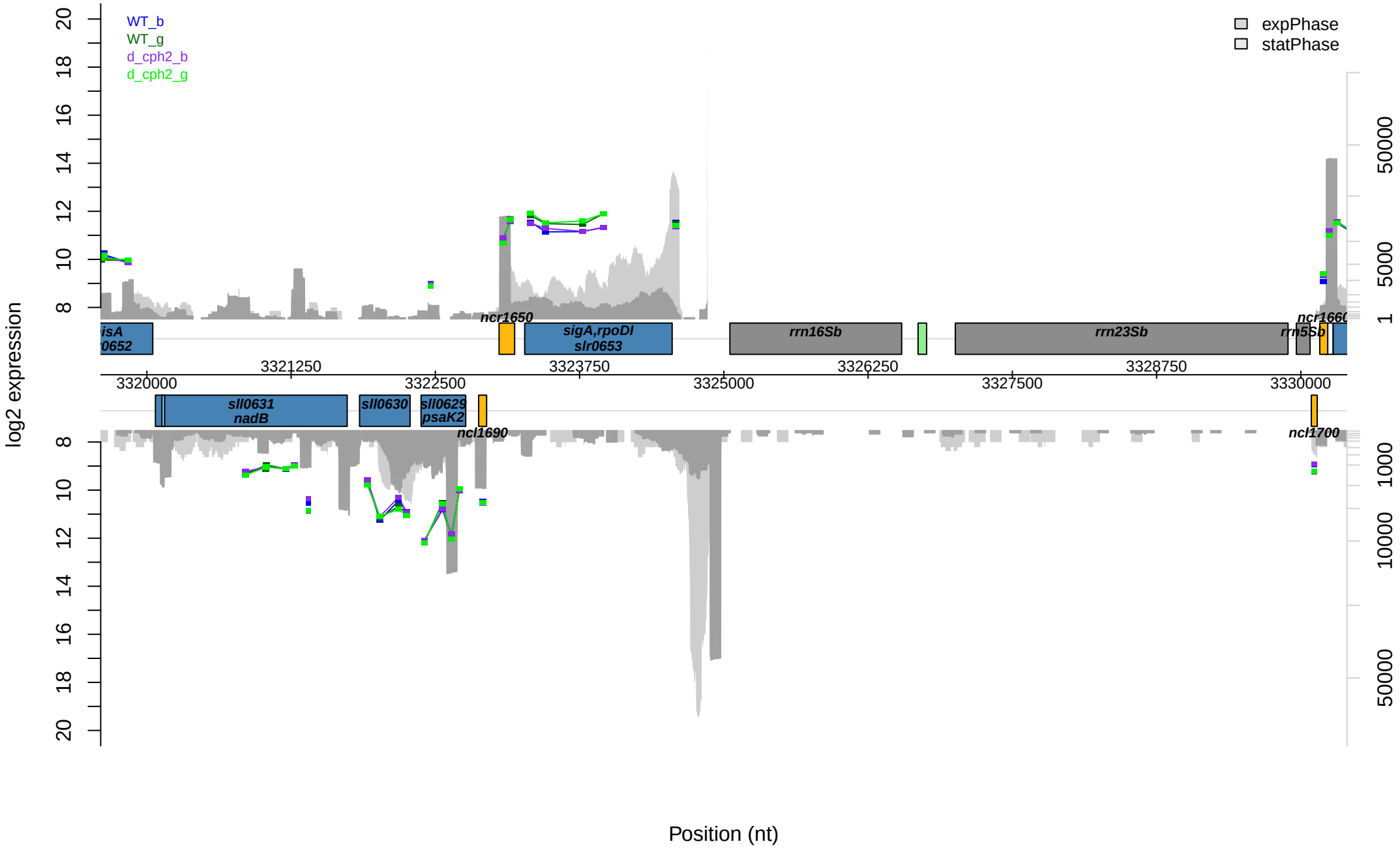

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
pyrD
slr1418
slr1419
slr1420
ncr1610
murC
slr1423
sll1344
sll1343
ape2
sll1342
gap2
3270000
3271250
3272500
3273750
3275000
3276250
3277500
3278750
3280000

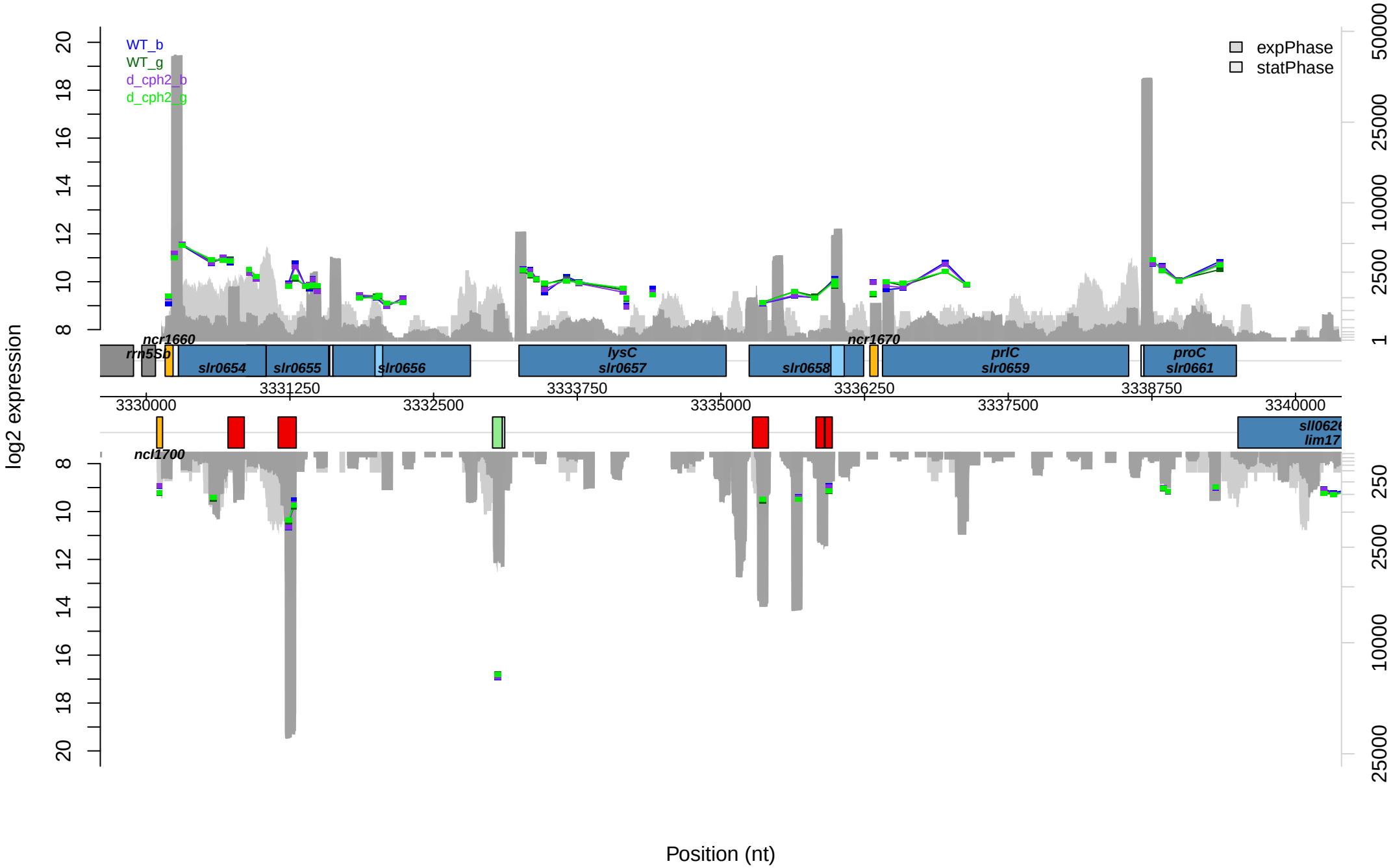

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
murC
slr1423
slr1424
slr1425
recR
slr1426
ncr1620
slr1428
sll1341
bfr
sll1340
sll1338
sll1336
sll1334
3280000
3281250
3282500
3283750
3285000
3286250
3287500
3288750
3290000
Position (nt)

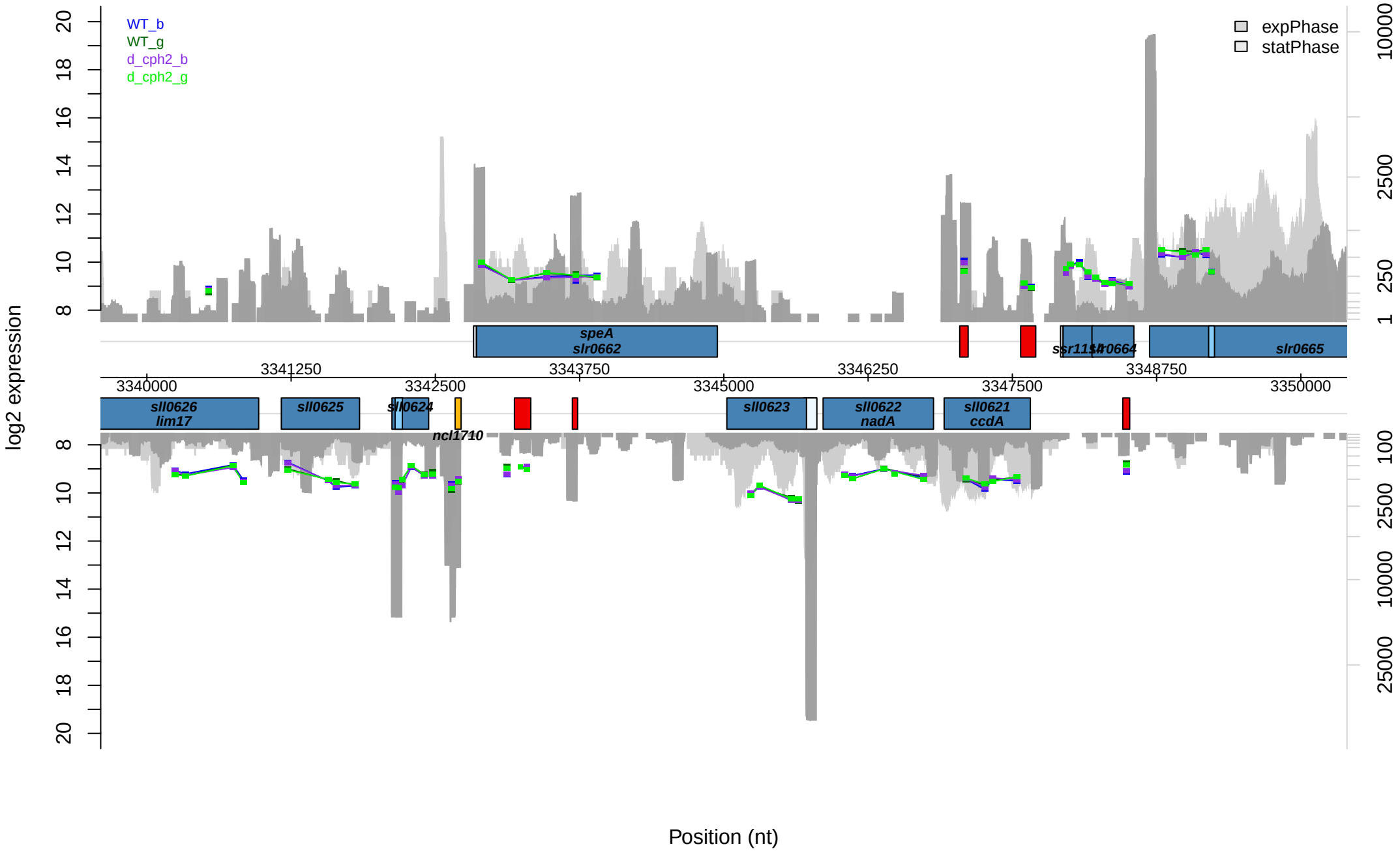

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1630
slr1429
slr1431
slr1451
sbpA
slr1452
ssr2439
cysT
slr1453
sll1334
sll1333
sll1330
sll1329
sll1367
3290000
3291250
3292500
3293750
3295000
3296250
3297500
3298750
3300000

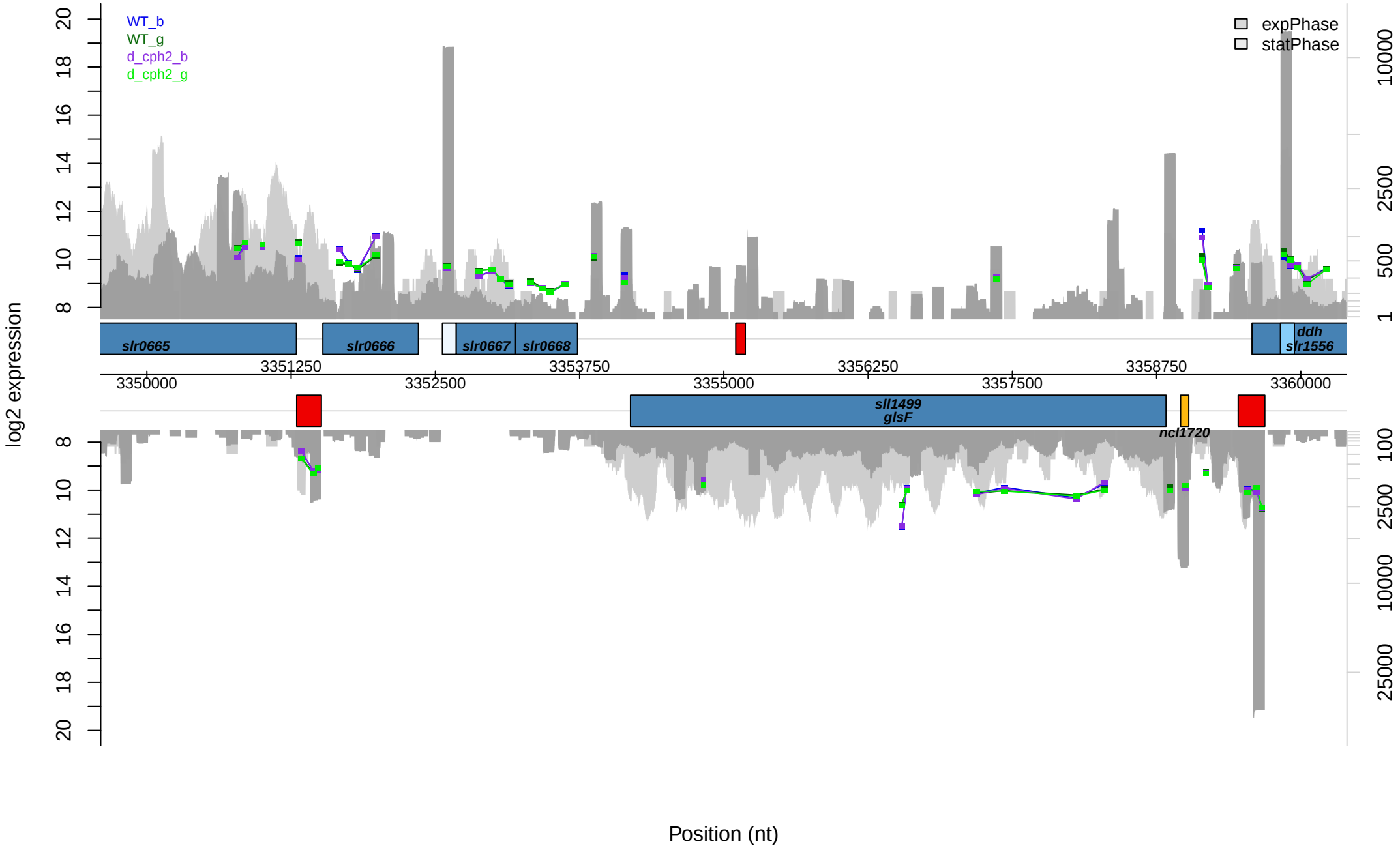

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
cysT slr1453
cysW slr1454
cysA slr1455
pilA4 slr1456
chrA slr1457
apcF slr1459
slr1461
sll1366
3300000
3301250
3302500
3303750
3305000
3306250
3307500
3308750
3310000

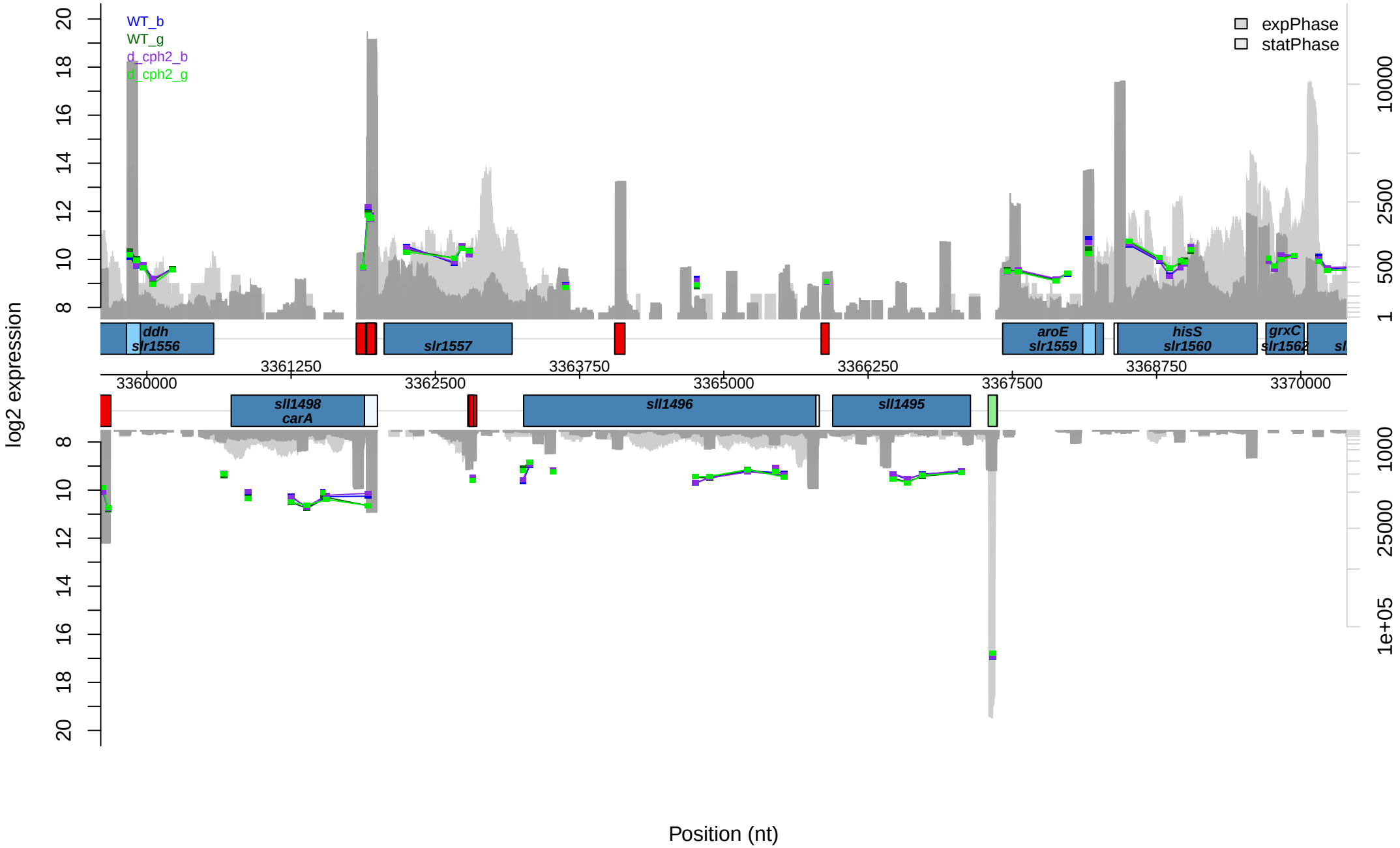

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1640
slr1462
fus
slr1463
slr1464
slr0651
hisA
slr0652
sll1365
ssrA
cnfU
sll1363
ilvC
3310000
3311250
3312500
3313750
3315000
3316250
3317500
3318750
3320000

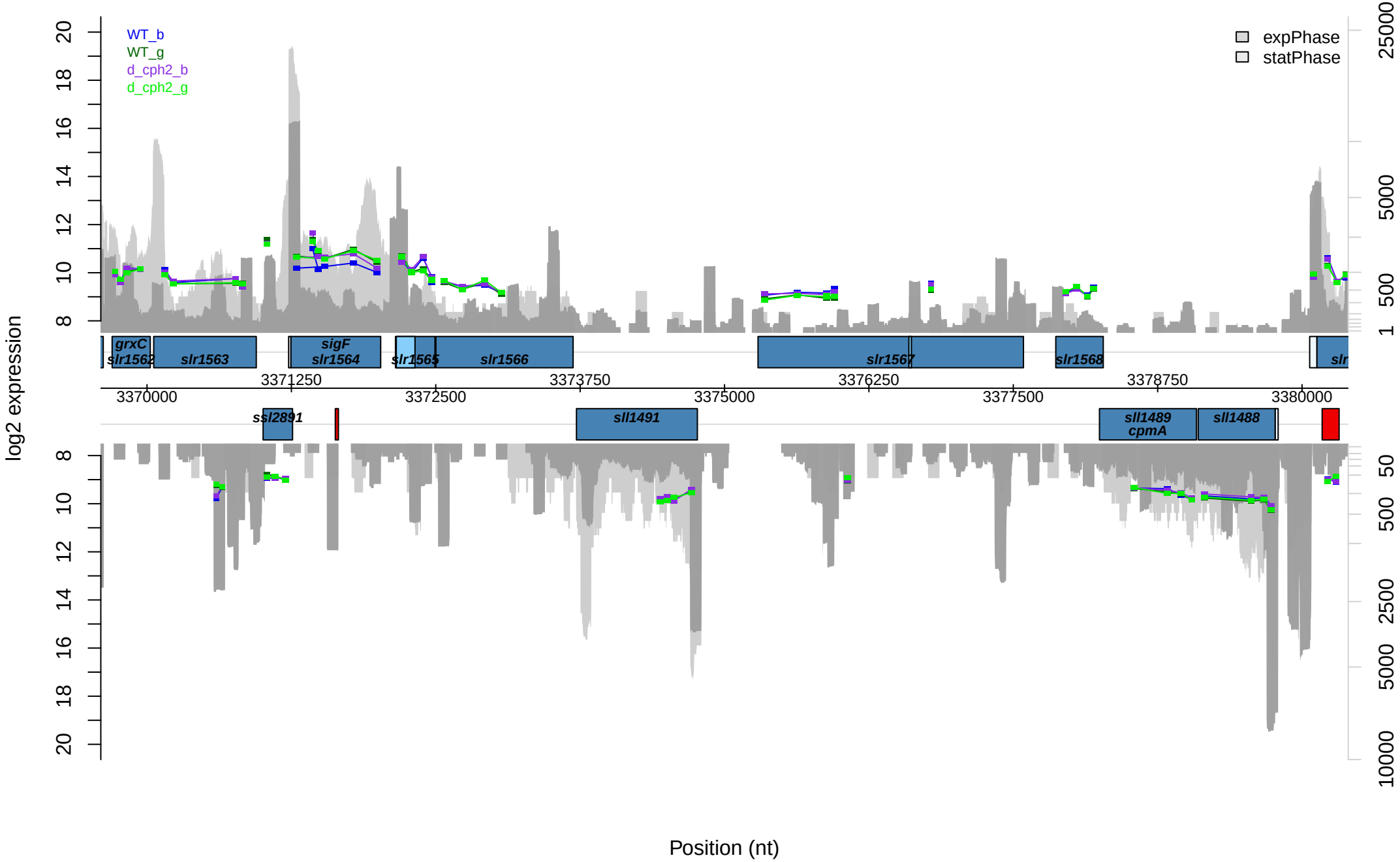

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1650
sigA,rpoDI
slr0653
rrn16Sb
rrn23Sb
sll0631
nadB
sll0630
sll0629
psaK2
ncl1690
ncl1700
3320000
3321250
3322500
3323750
3325000
3326250
3327500
3328750
3330000

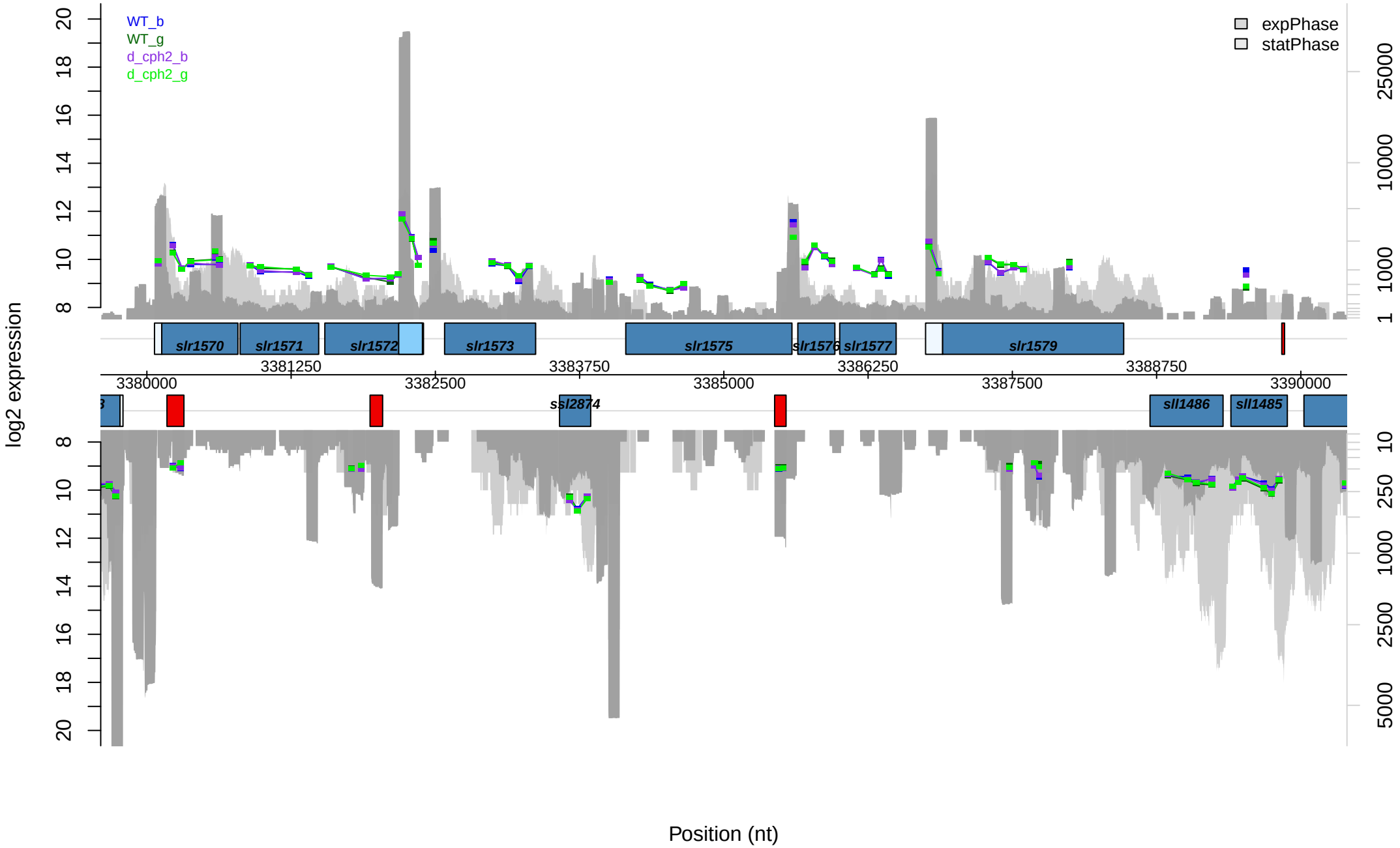

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1660
rrn5Sb
slr0654
slr0655
slr0656
lysC
slr0657
slr0658
ncr1670
prlC
slr0659
proC
slr0661
ncl1700
3330000
3331250
3332500
3333750
3335000
3336250
3337500
3338750
3340000

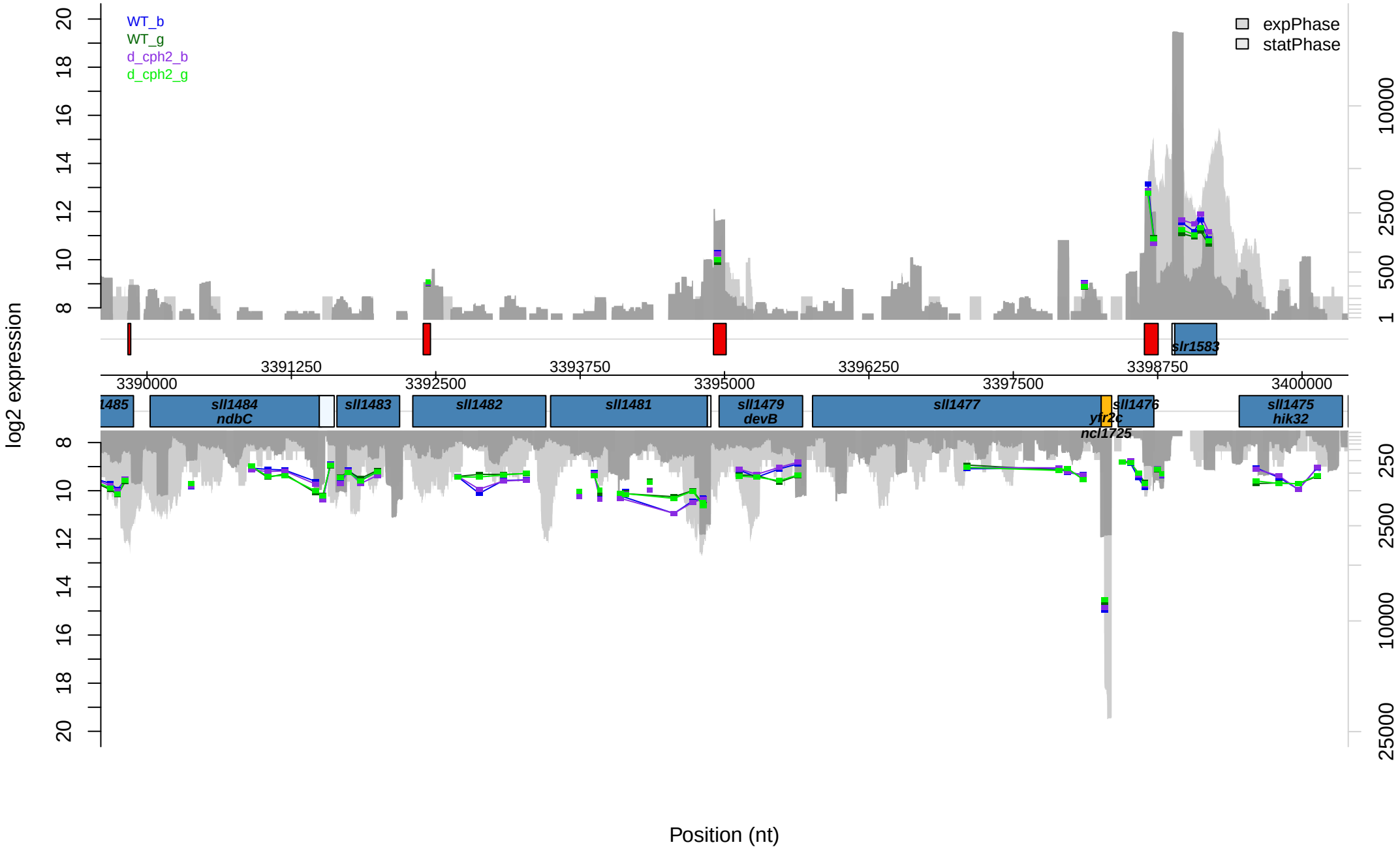

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
speA
slr0662
slr0664
slr0665
sll0626
lim17
sll0625
sll0624
ncl1710
sll0623
sll0622
nadA
sll0621
ccdA
3340000
3341250
3342500
3343750
3345000
3346250
3347500
3348750
3350000

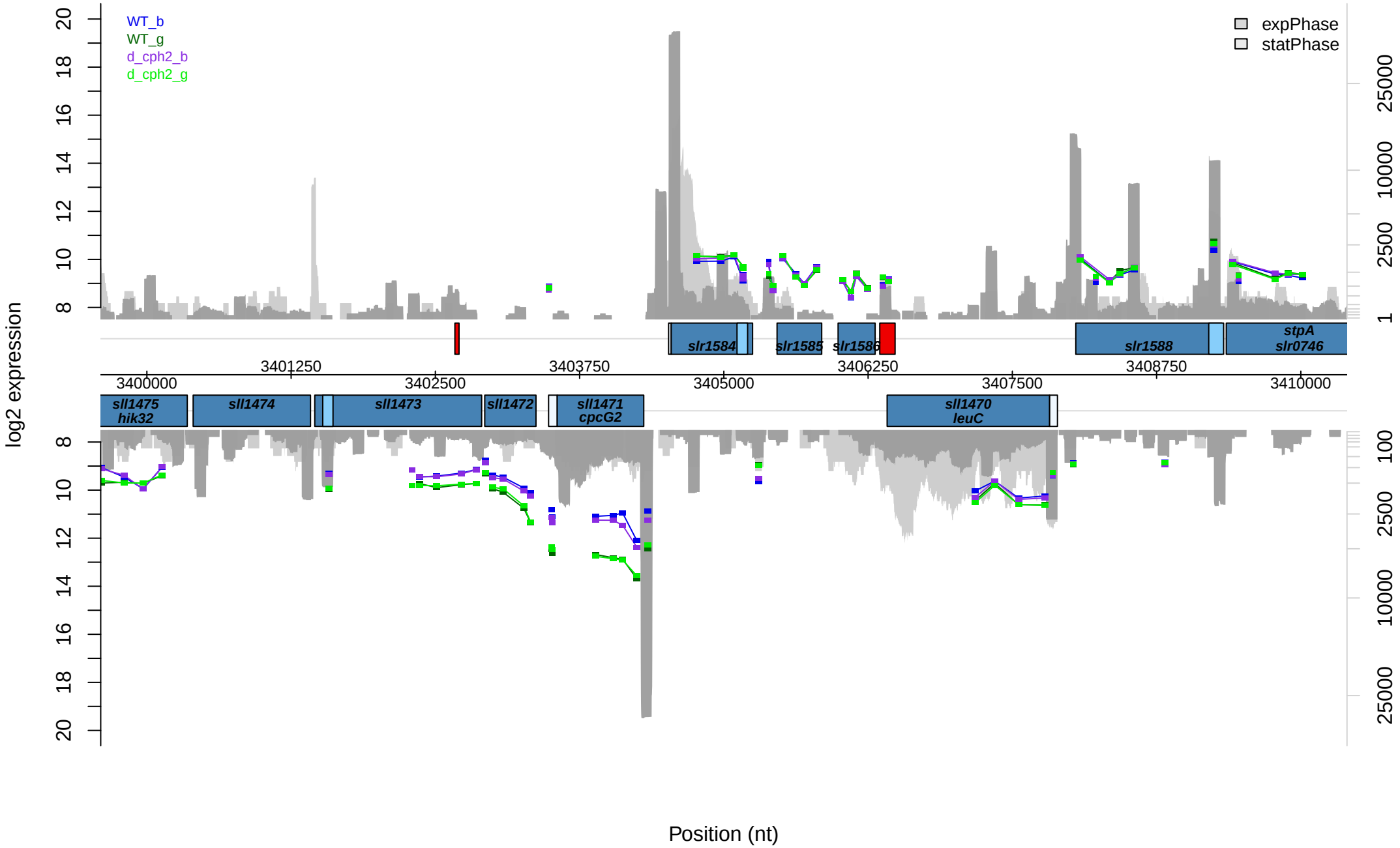

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0665
slr0666
slr0667
slr0668
ddh
slr1556
sll1499
glsF
ncl1720
3350000
3351250
3352500
3353750
3355000
3356250
3357500
3358750
3360000

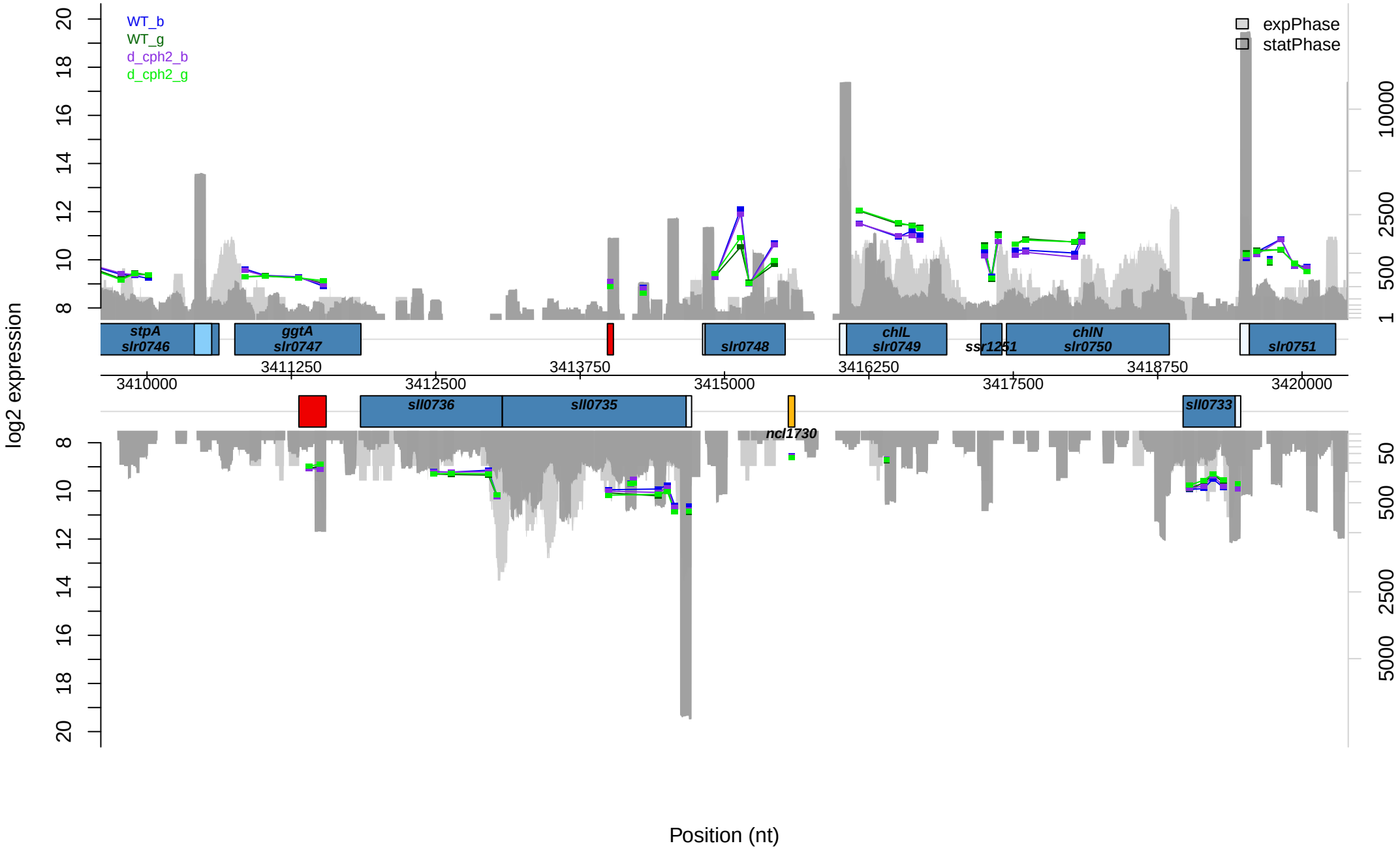

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ddh
slr1556
slr1557
aroE
slr1559
hisS
slr1560
grxC
slr1562
sll1498
carA
sll1496
sll1495
3360000
3361250
3362500
3363750
3365000
3366250
3367500
3368750
3370000

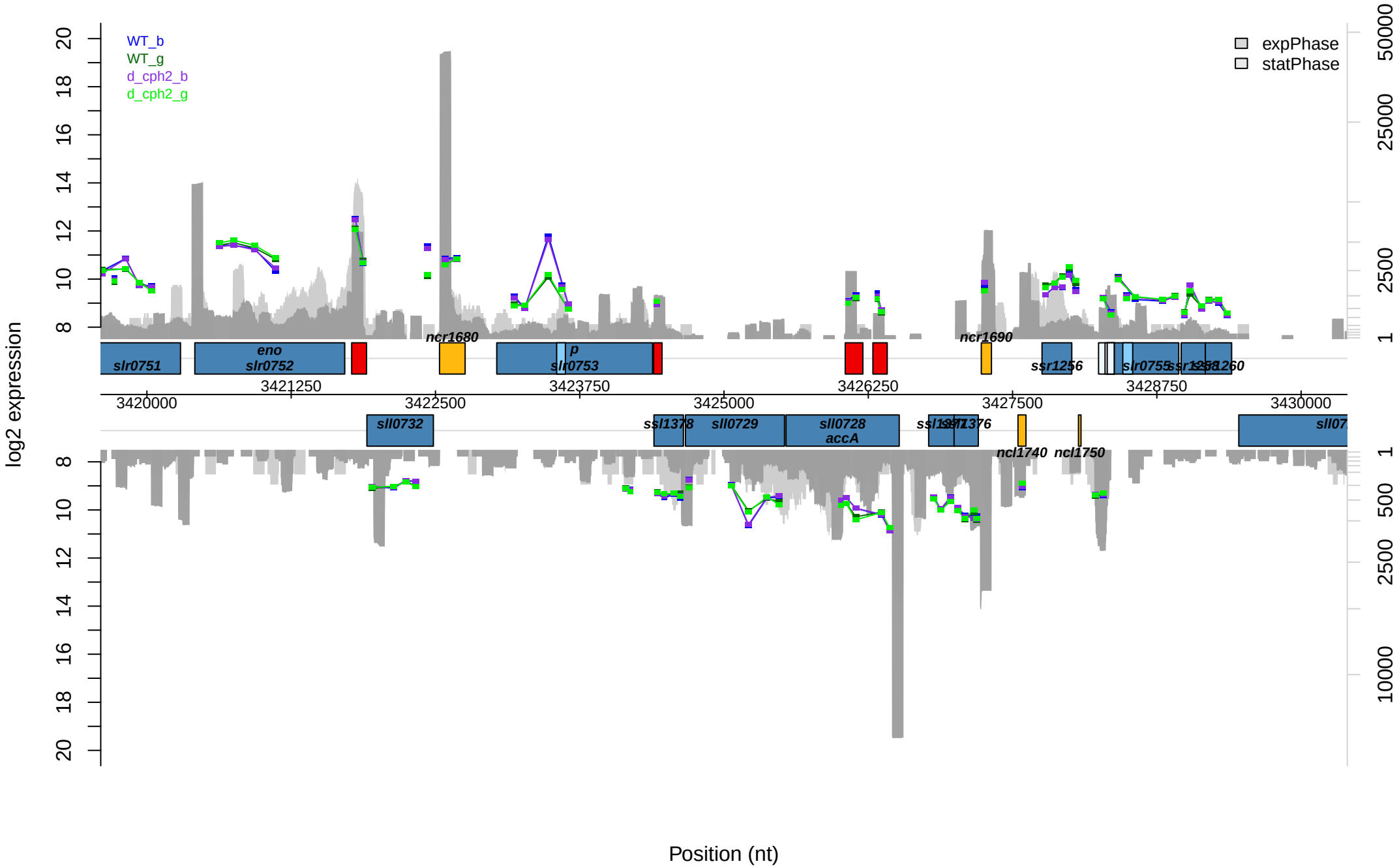

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
grxC
slr1562
slr1563
sigF
slr1564
slr1565
slr1566
slr1567
slr1568
slr
3370000
3371250
3372500
3373750
3375000
3376250
3377500
3378750
3380000
ssl2891
sll1491
sll1489
cpmA
sll1488

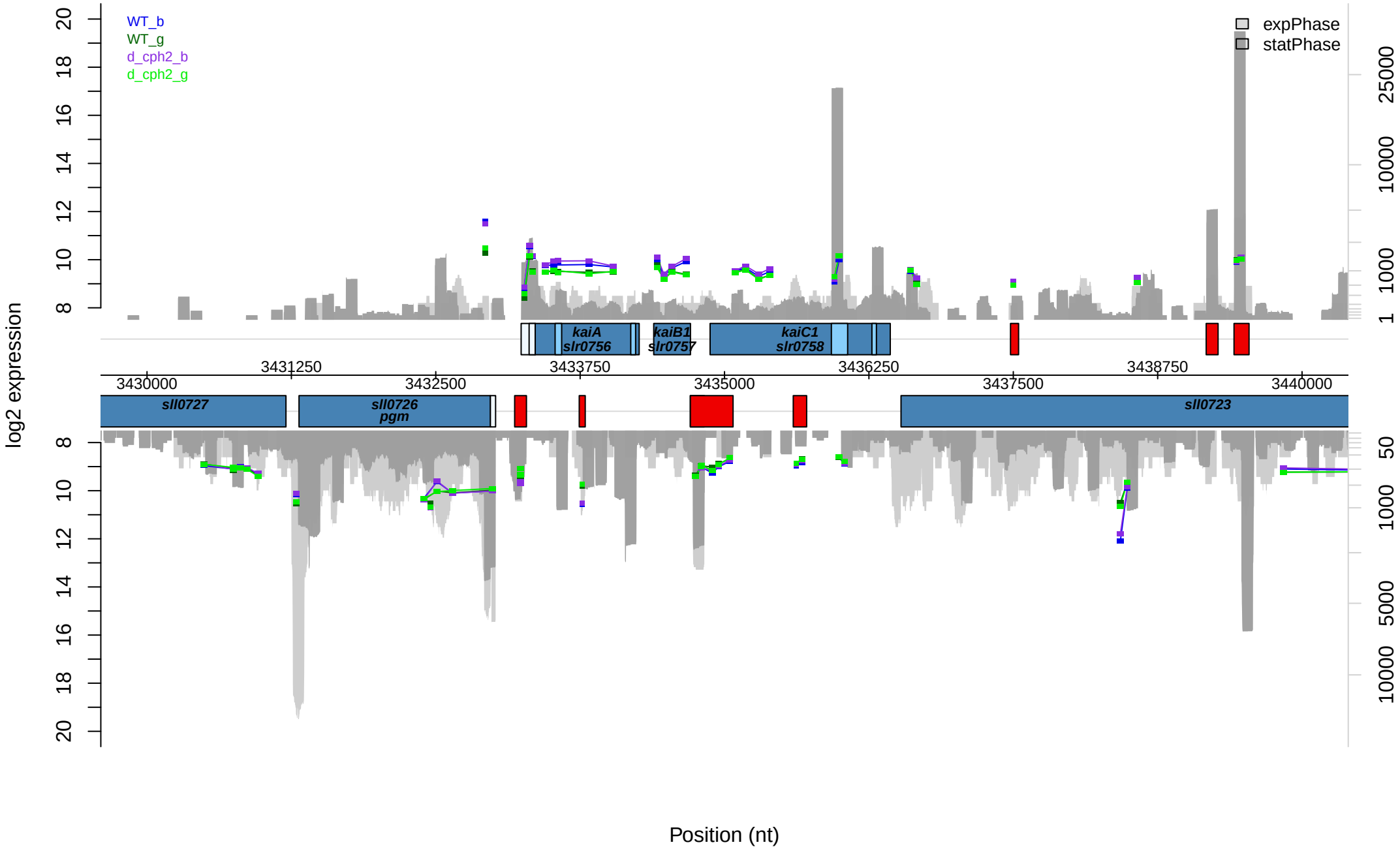

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1570
slr1571
slr1572
slr1573
slr1575
slr1576
slr1577
slr1579
ssl2874
sll1486
sll1485
3380000
3381250
3382500
3383750
3385000
3386250
3387500
3388750
3390000

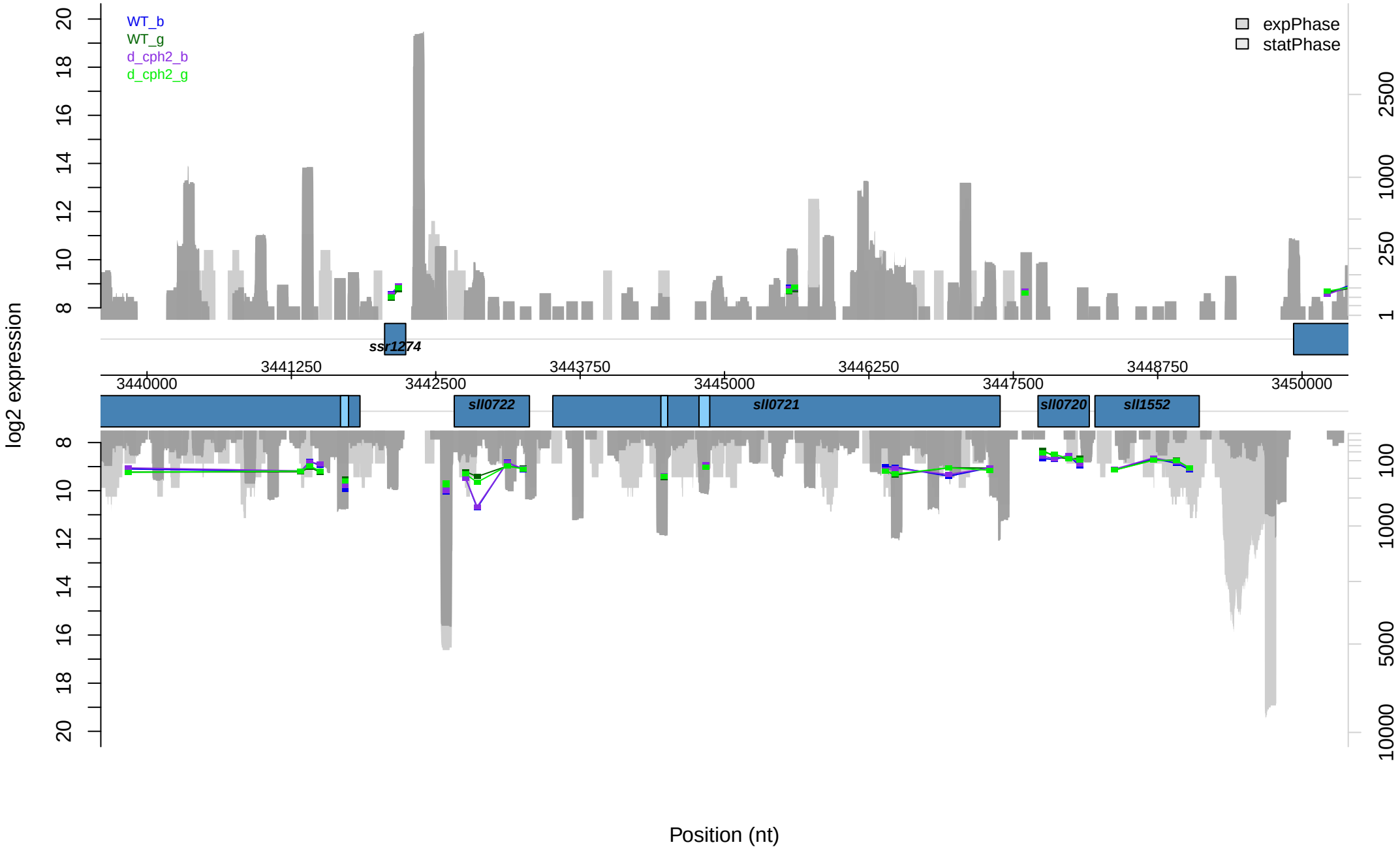

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
3390000
3391250
3392500
3393750
3395000
3396250
3397500
3398750
3400000
sll1484
ndbC
sll1483
sll1482
sll1481
sll1479
devB
sll1477
yfr2c
ncl1725
sll1476
sll1475
hik32
slr1583

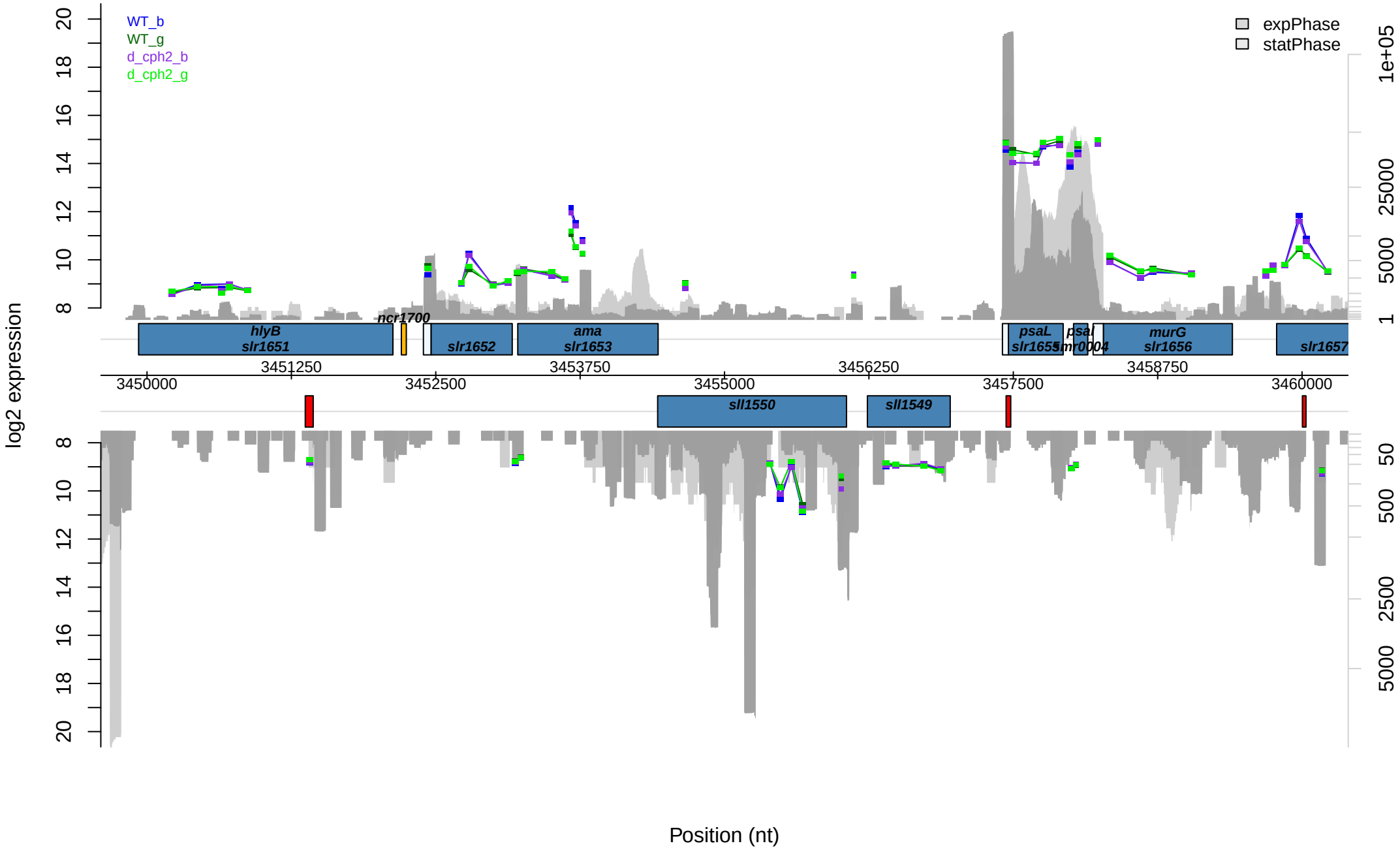

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1584
slr1585
slr1586
slr1588
stpA
slr0746
sll1475
hik32
sll1474
sll1473
sll1472
sll1471
cpcG2
sll1470
leuC
3400000
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3407500
3408750
3410000

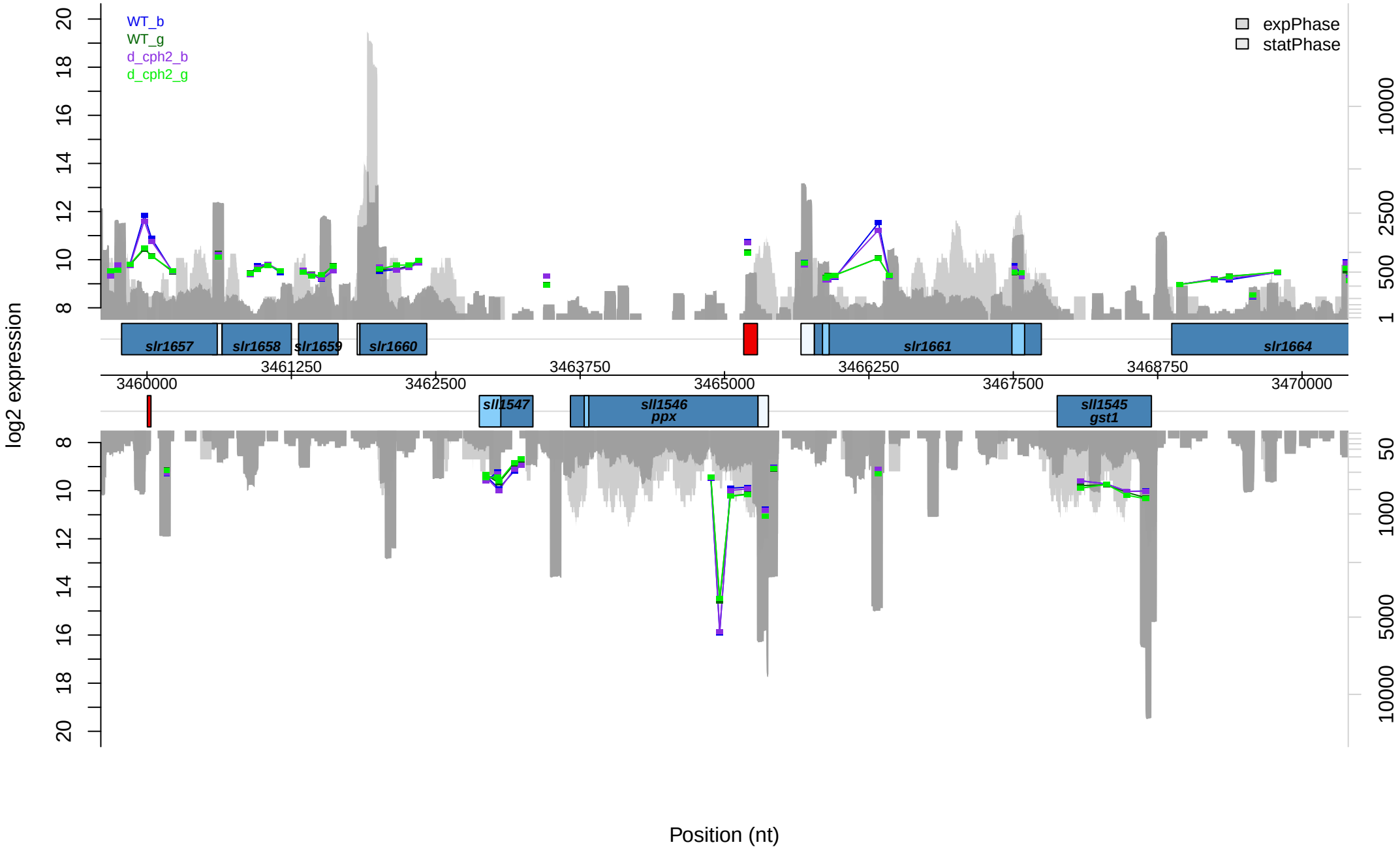

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
stpA
slr0746
ggtA
slr0747
slr0748
chlL
slr0749
ssr1251
chlN
slr0750
slr0751
sll0736
sll0735
ncl1730
sll0733
3410000
3411250
3412500
3413750
3415000
3416250
3417500
3418750
3420000

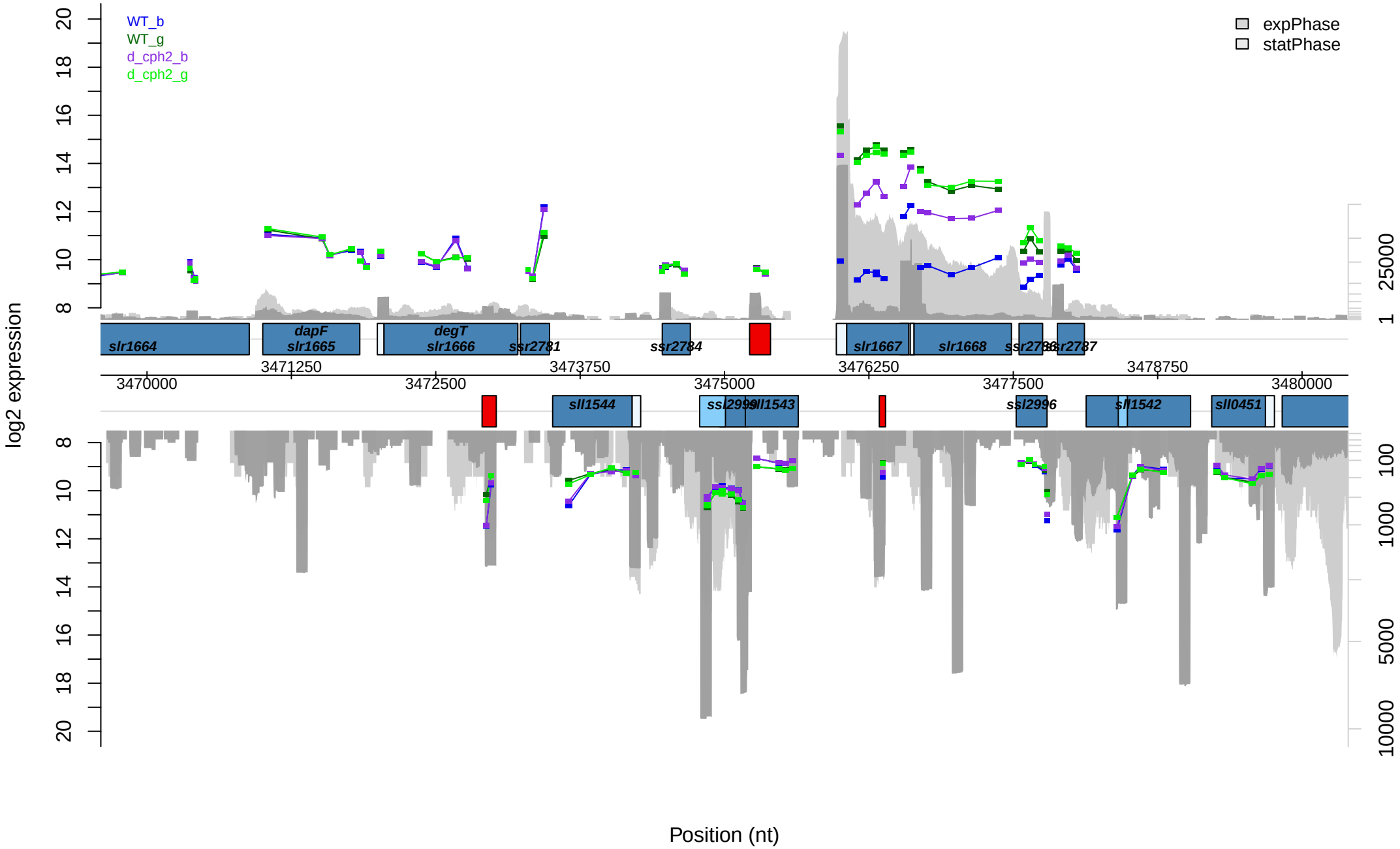

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0751
eno
slr0752
ncr1680
p
slr0753
ncr1690
ssr1256
slr0755
3420000
3421250
3422500
3423750
3425000
3426250
3427500
3428750
3430000
sll0732
ssl1378
sll0729
sll0728
accA
ncl1740
ncl1750

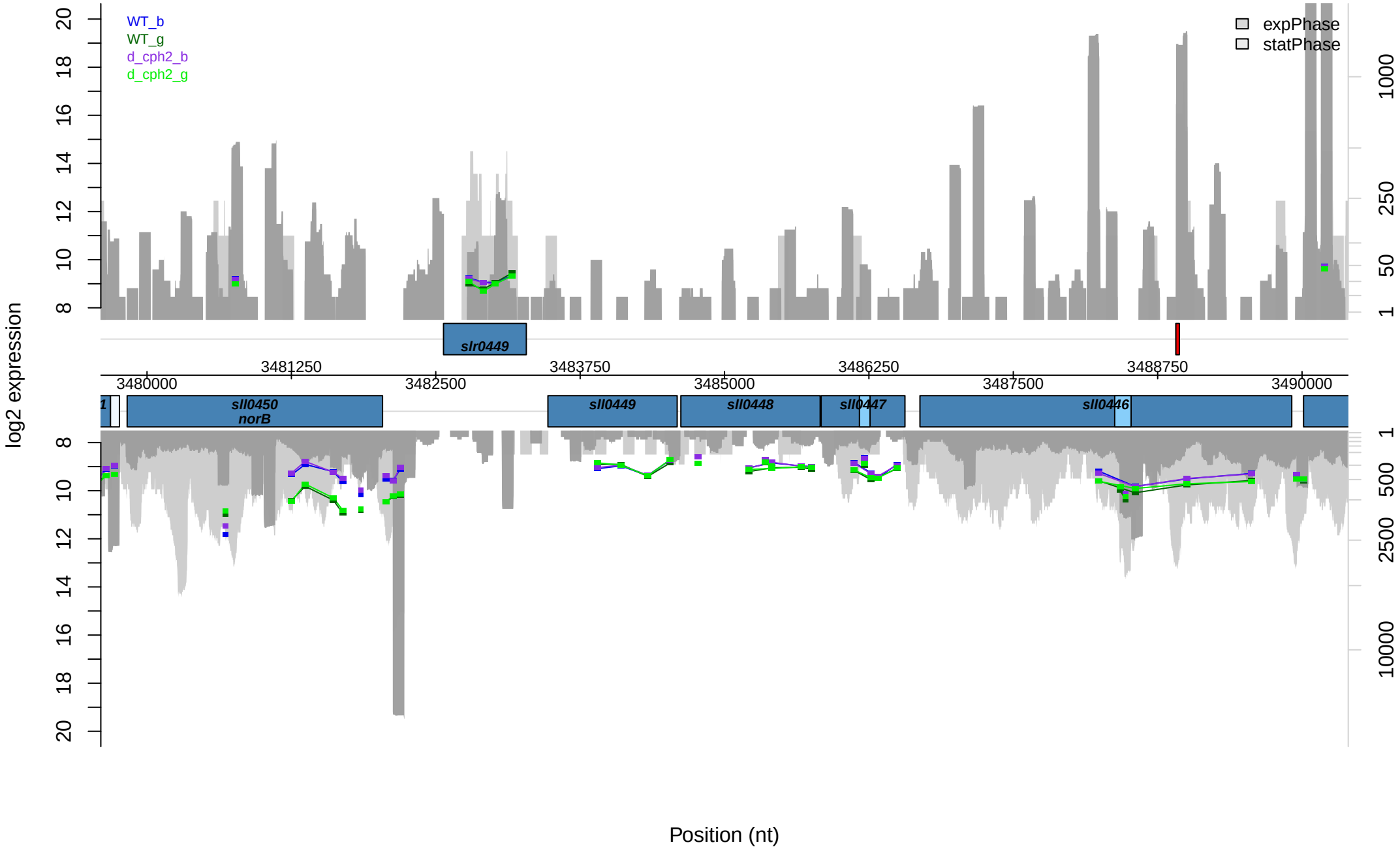

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
kaiA
slr0756
kaiB1
slr0757
kaiC1
slr0758
sll0727
sll0726
pgm
sll0723
3430000
3431250
3432500
3433750
3435000
3436250
3437500
3438750
3440000

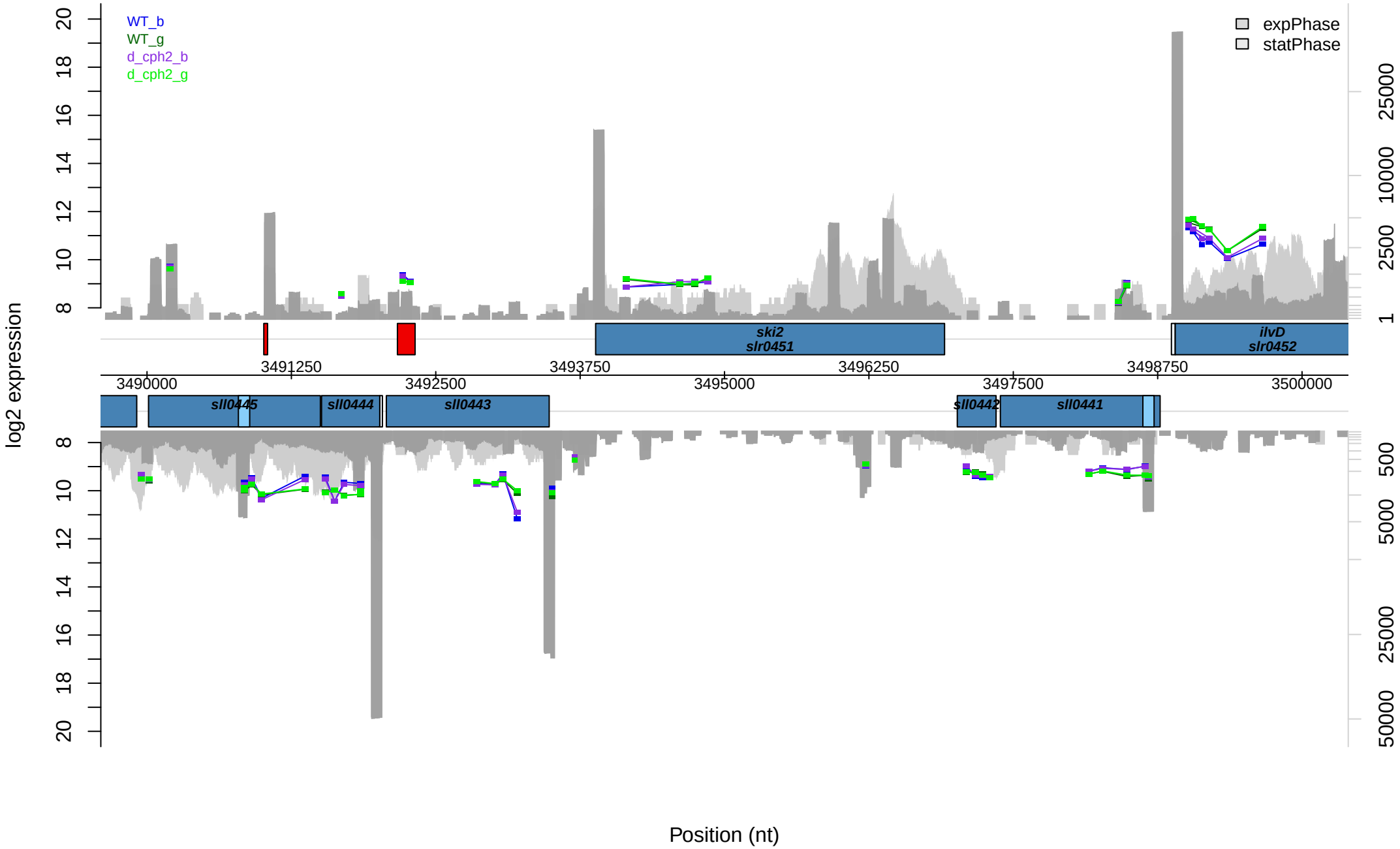

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ssr1274
sll0722
sll0721
sll0720
sll1552
3440000
3441250
3442500
3443750
3445000
3446250
3447500
3448750
3450000

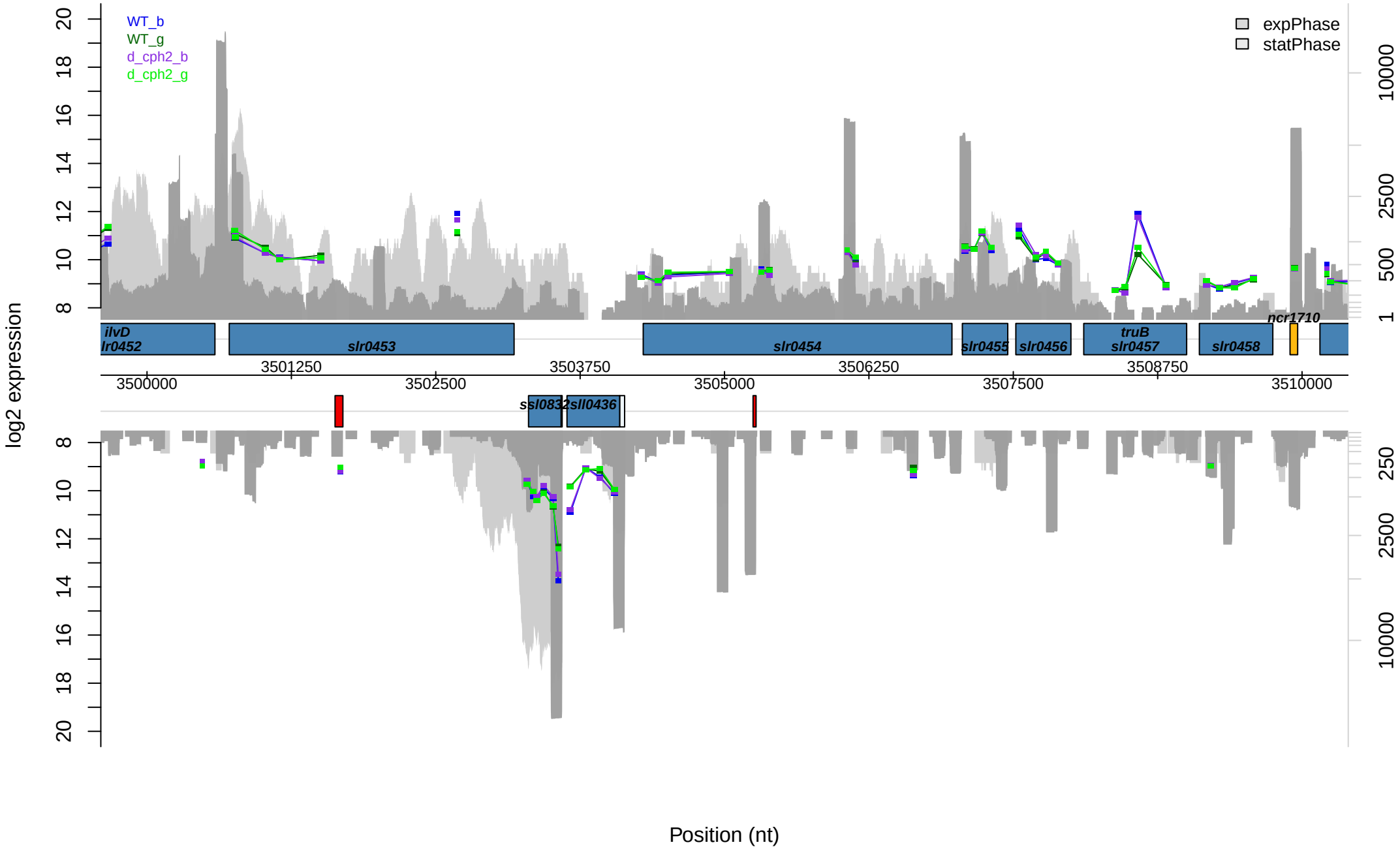

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
hlyB
slr1651
ncr1700
slr1652
ama
slr1653
psaL
slr1655
psaI
smr0004
murG
slr1656
slr1657
sll1550
sll1549
3450000
3451250
3452500
3453750
3455000
3456250
3457500
3458750
3460000

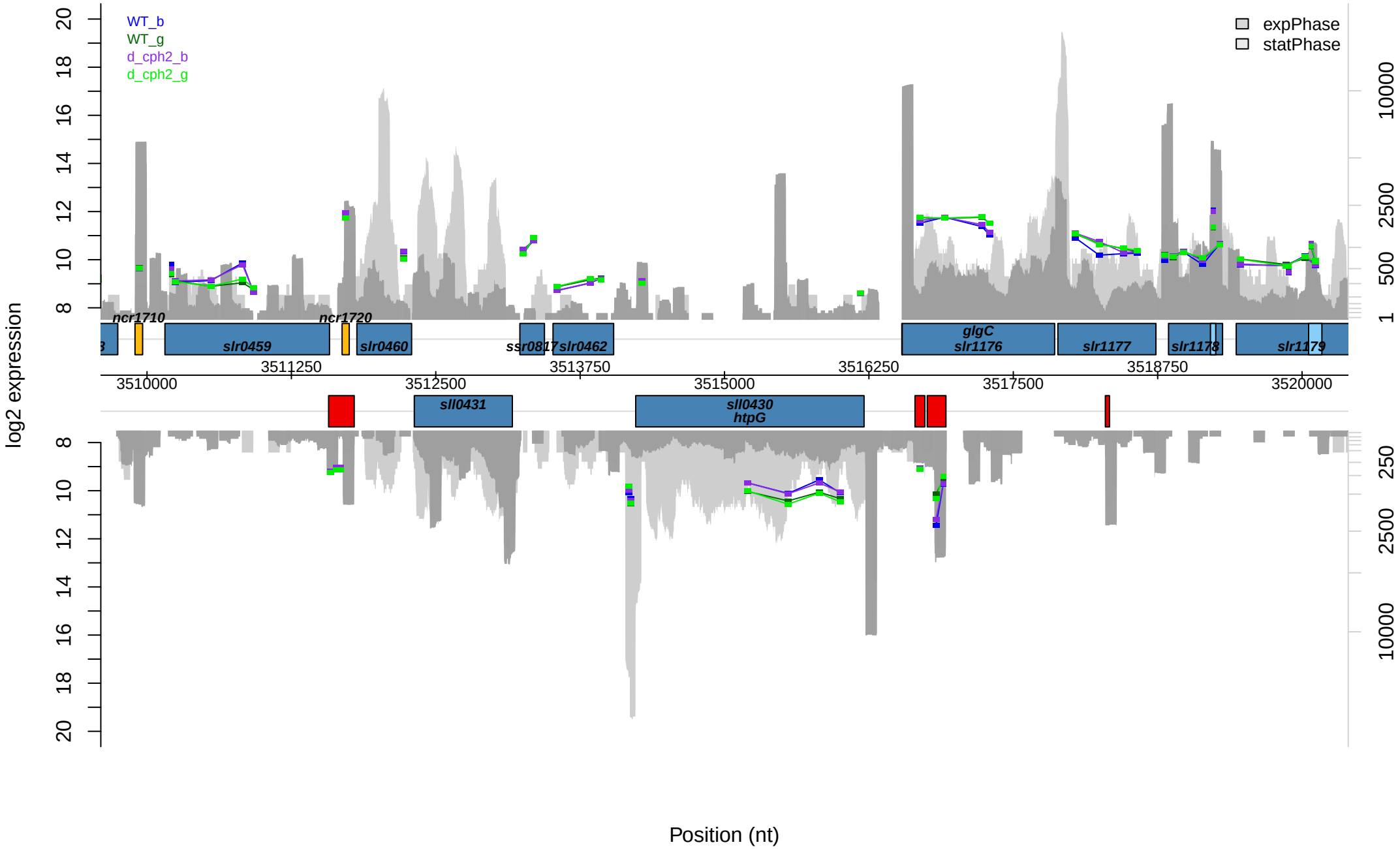

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1657
slr1658
slr1659
slr1660
slr1661
slr1664
sll1547
sll1546
ppx
sll1545
gst1
3460000
3461250
3462500
3463750
3465000
3466250
3467500
3468750
3470000

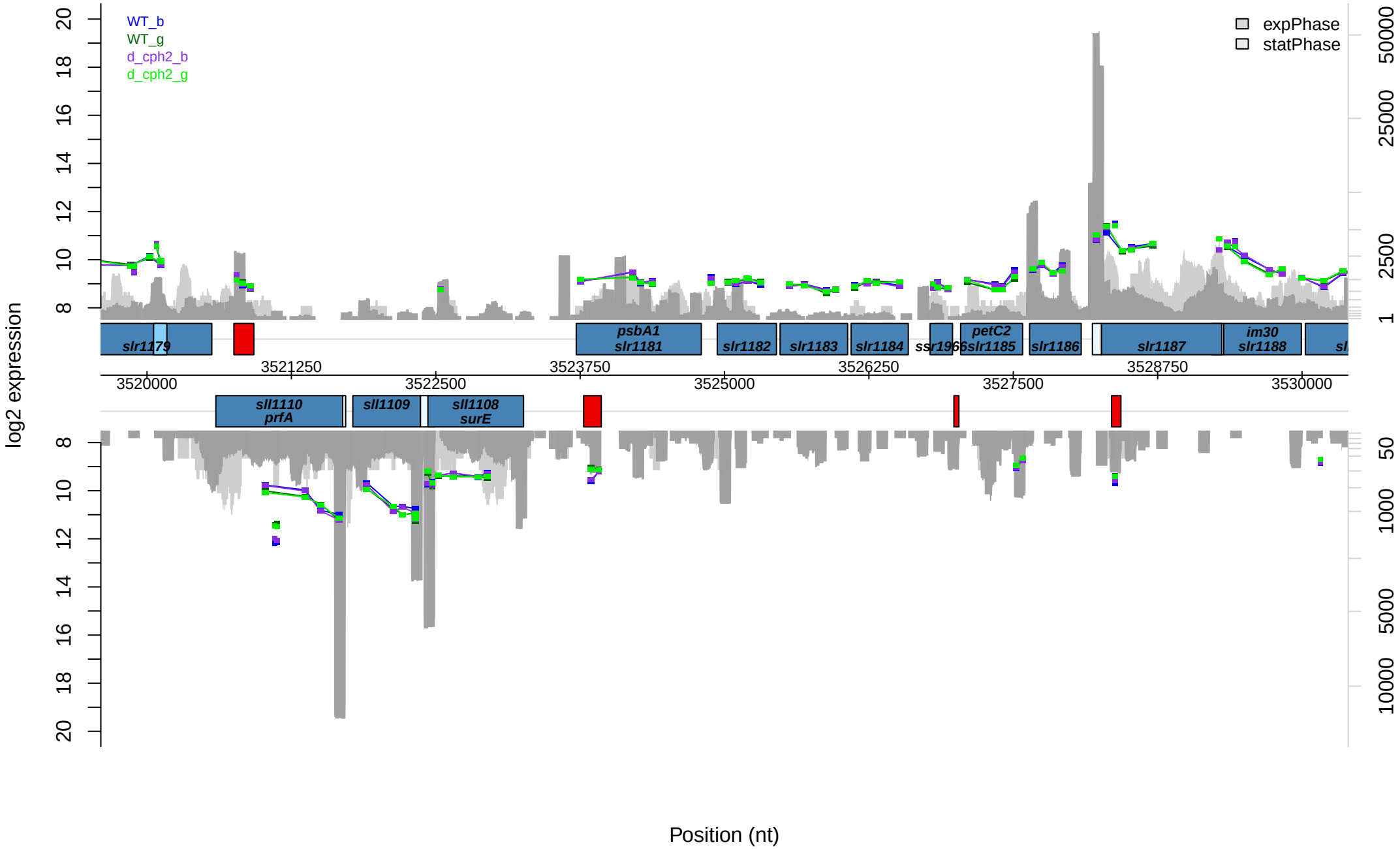

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1664
dapF
slr1665
degT
slr1666
ssr2781
ssr2784
slr1667
slr1668
ssr2787
sll1544
sll1543
ssl2996
sll1542
sll0451
3470000
3471250
3472500
3473750
3475000
3476250
3477500
3478750
3480000

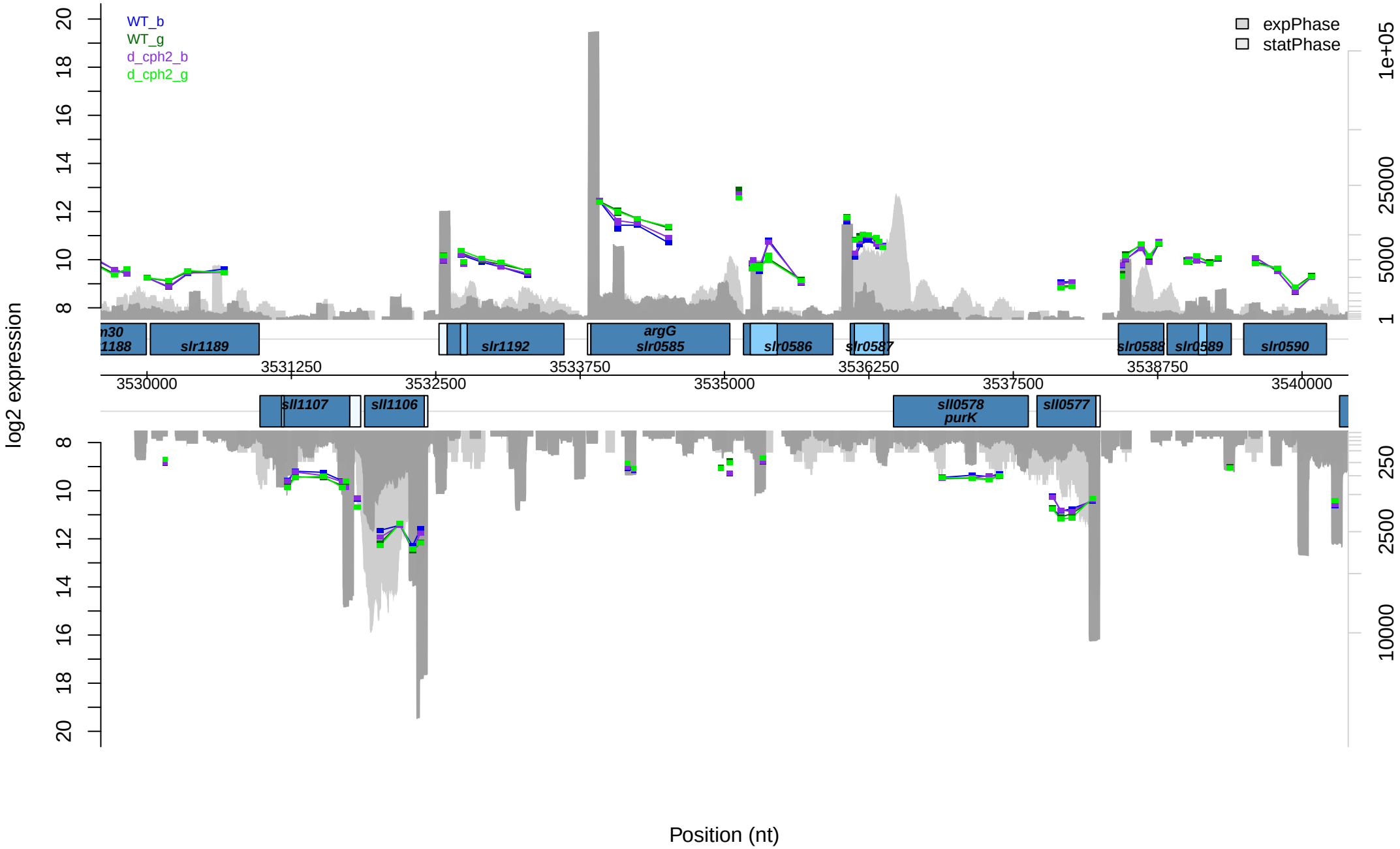

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0449
sll0450
norB
sll0449
sll0448
sll0447
sll0446
3480000
3481250
3482500
3483750
3485000
3486250
3487500
3488750
3490000

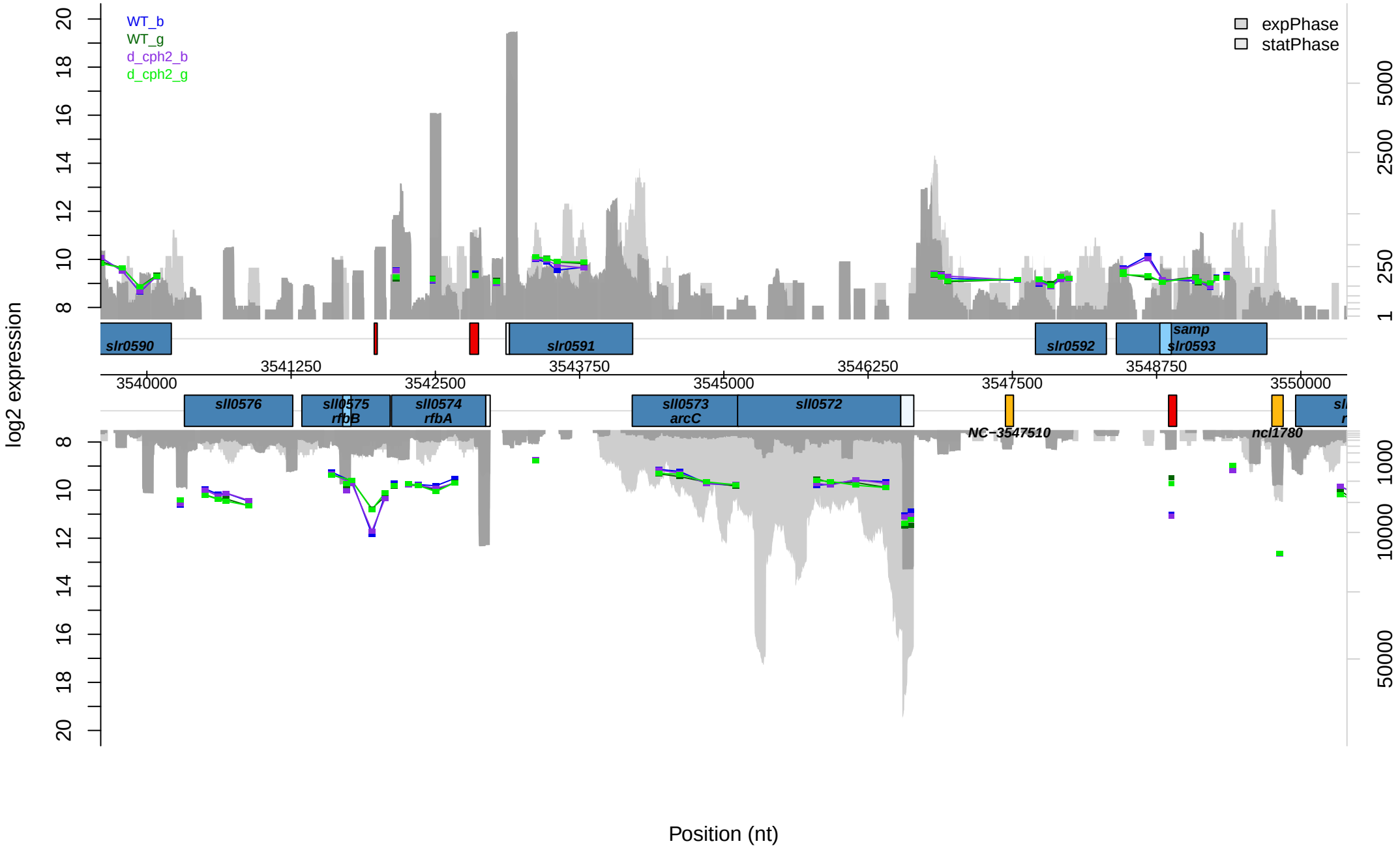

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
8
10
12
14
16
18
20
1
2500
10000
25000
500
5000
25000
50000
ski2
slr0451
ilvD
slr0452
sll0445
sll0444
sll0443
sll0442
sll0441
3490000
3491250
3492500
3493750
3495000
3496250
3497500
3498750
3500000
Position (nt)

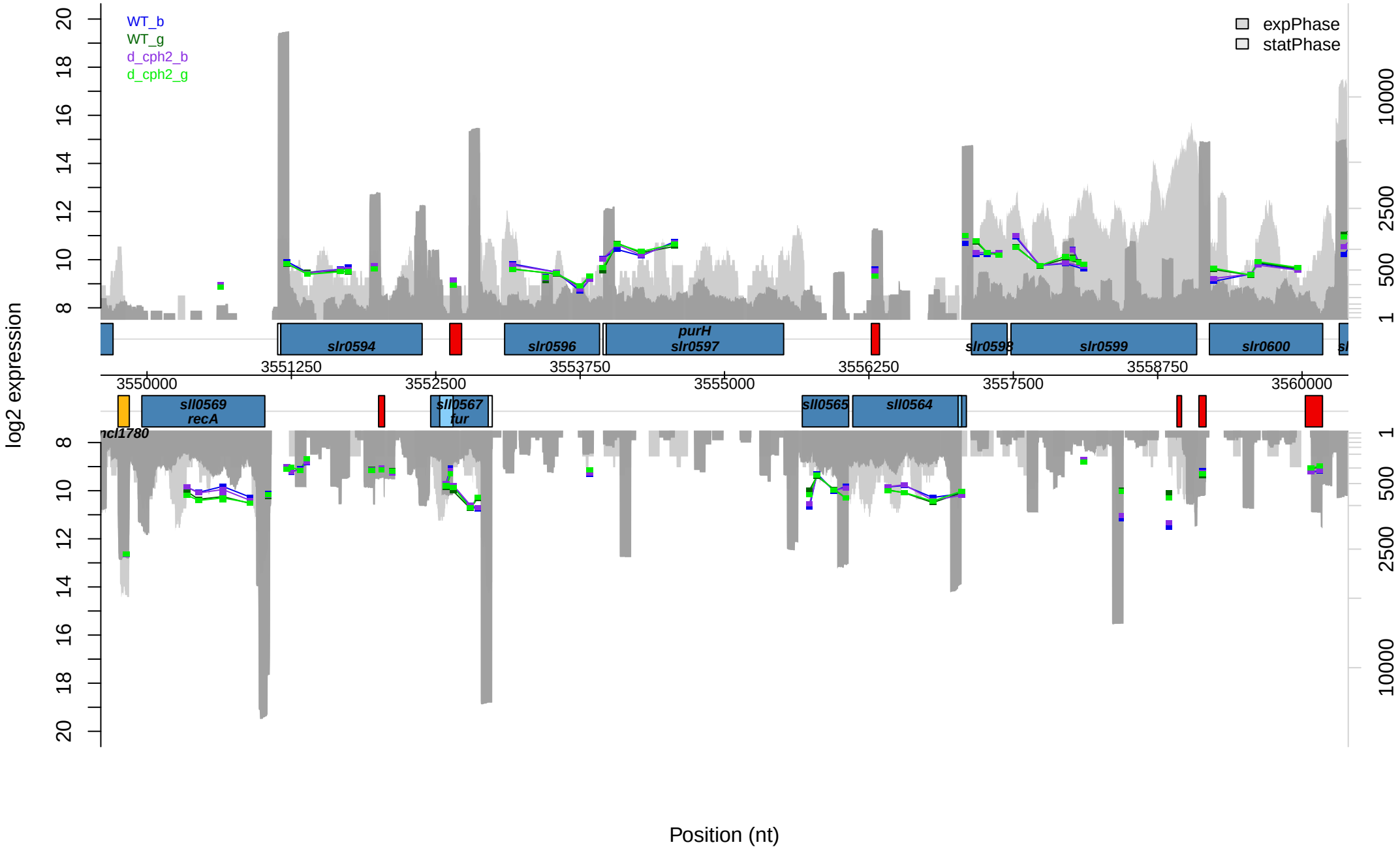

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ilvD
slr0452
slr0453
slr0454
slr0455
slr0456
truB
slr0457
slr0458
ncr1710
ssl0832
sll0436
3500000
3501250
3502500
3503750
3505000
3506250
3507500
3508750
3510000

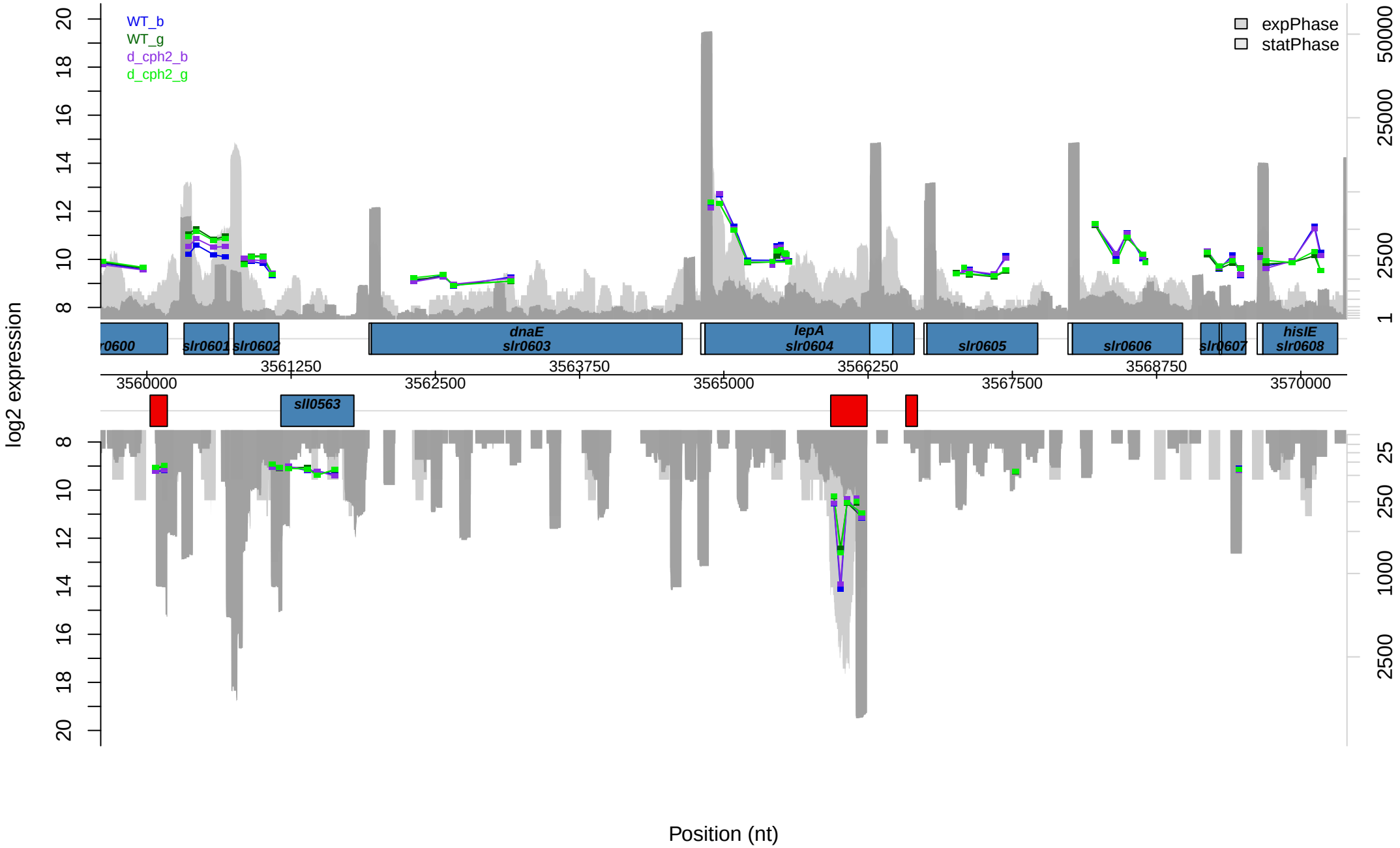

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
ncr1710
ncr1720
slr0459
slr0460
ssr0817
slr0462
glgC
slr1176
slr1177
slr1178
slr1179
sll0431
sll0430
htpG
3510000
3511250
3512500
3513750
3515000
3516250
3517500
3518750
3520000

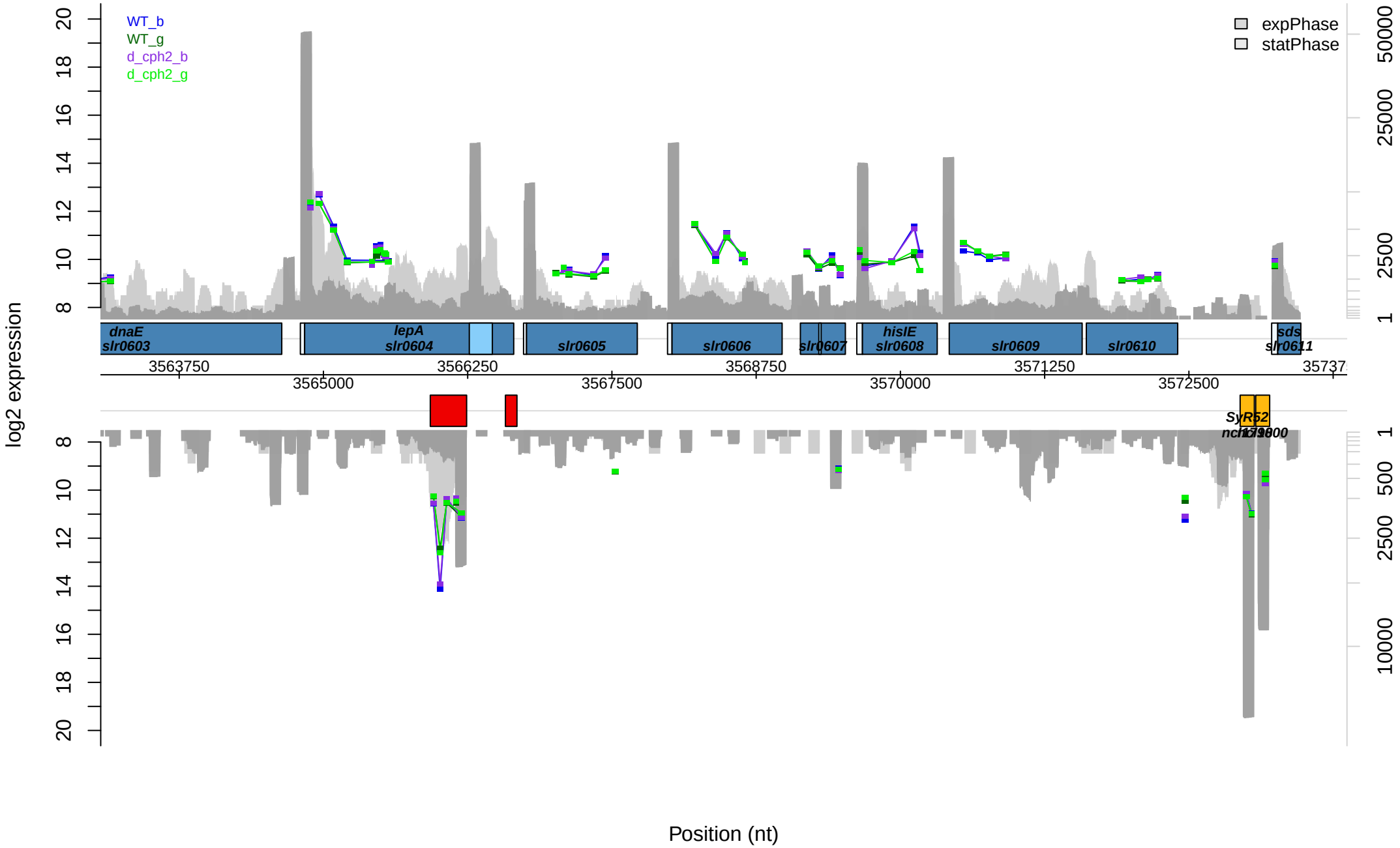

WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1179
psbA1
slr1181
slr1182
slr1183
slr1184
ssr1966
petC2
slr1185
slr1186
slr1187
im30
slr1188
sll1110
prfA
sll1109
sll1108
surE
3520000
3521250
3522500
3523750
3525000
3526250
3527500
3528750
3530000


WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr1189
slr1192
argG
slr0585
slr0586
slr0587
slr0588
slr0589
slr0590
sll1107
sll1106
sll0578
purK
sll0577
3530000
3531250
3532500
3533750
3535000
3536250
3537500
3538750
3540000


WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0590
slr0591
slr0592
samp
slr0593
sll0576
sll0575
rfbB
sll0574
rfbA
sll0573
arcC
sll0572
NC−3547510
ncl1780
3540000
3541250
3542500
3543750
3545000
3546250
3547500
3548750
3550000


WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
slr0594
slr0596
purH
slr0597
slr0598
slr0599
slr0600
sll0569
recA
sll0567
fur
sll0565
sll0564
3550000
3551250
3552500
3553750
3555000
3556250
3557500
3558750
3560000


WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
dnaE
slr0603
lepA
slr0604
slr0601
slr0602
slr0605
slr0606
slr0607
hisIE
slr0608
sll0563
3560000
3561250
3562500
3563750
3565000
3566250
3567500
3568750
3570000


WT_b
WT_g
d_cph2_b
d_cph2_g
expPhase
statPhase
log2 expression
Position (nt)
dnaE
slr0603
lepA
slr0604
slr0605
slr0606
slr0607
hisIE
slr0608
slr0609
slr0610
sds
slr0611
3563750
3565000
3566250
3567500
3568750
3570000
3571250
3572500