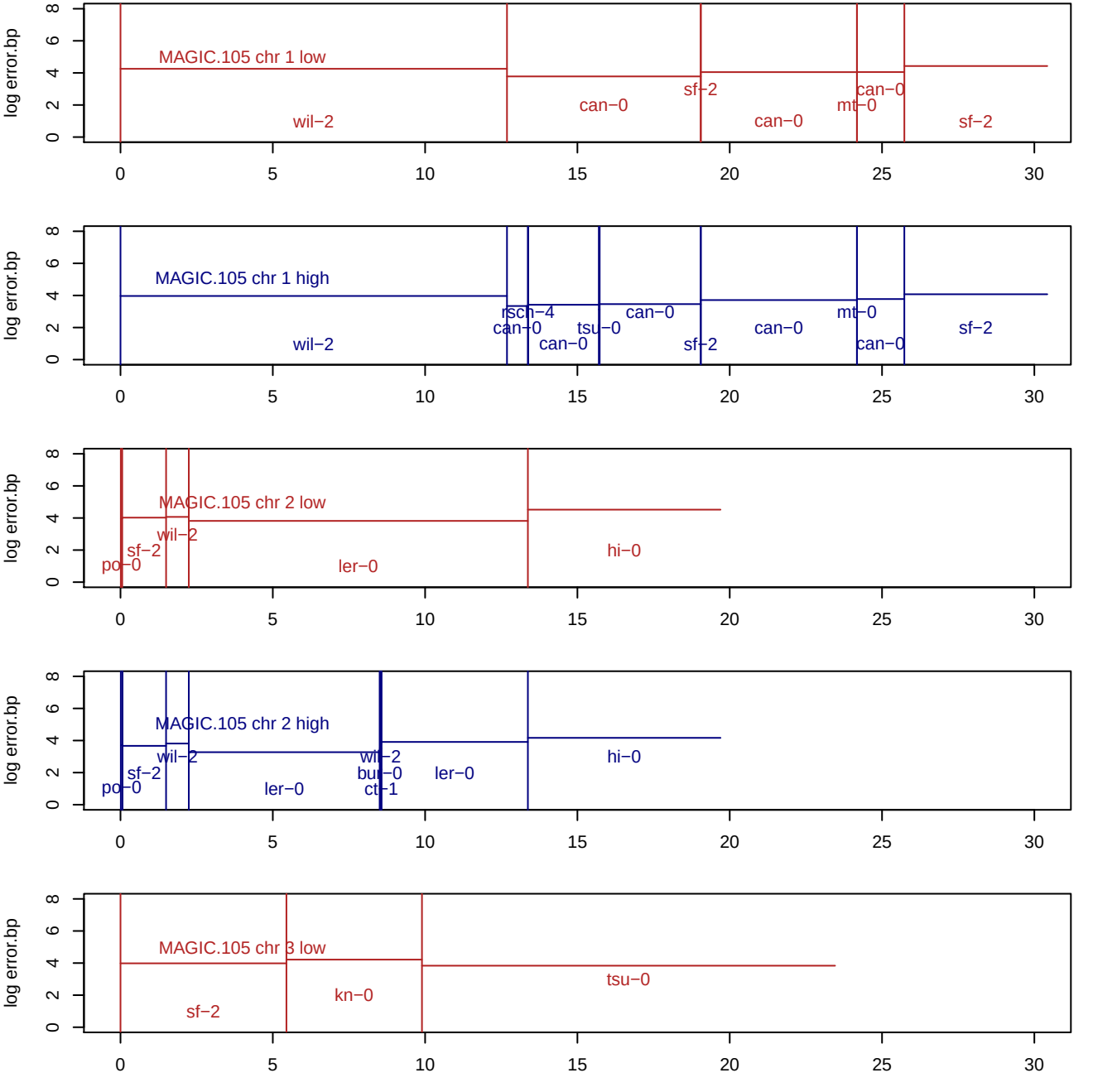
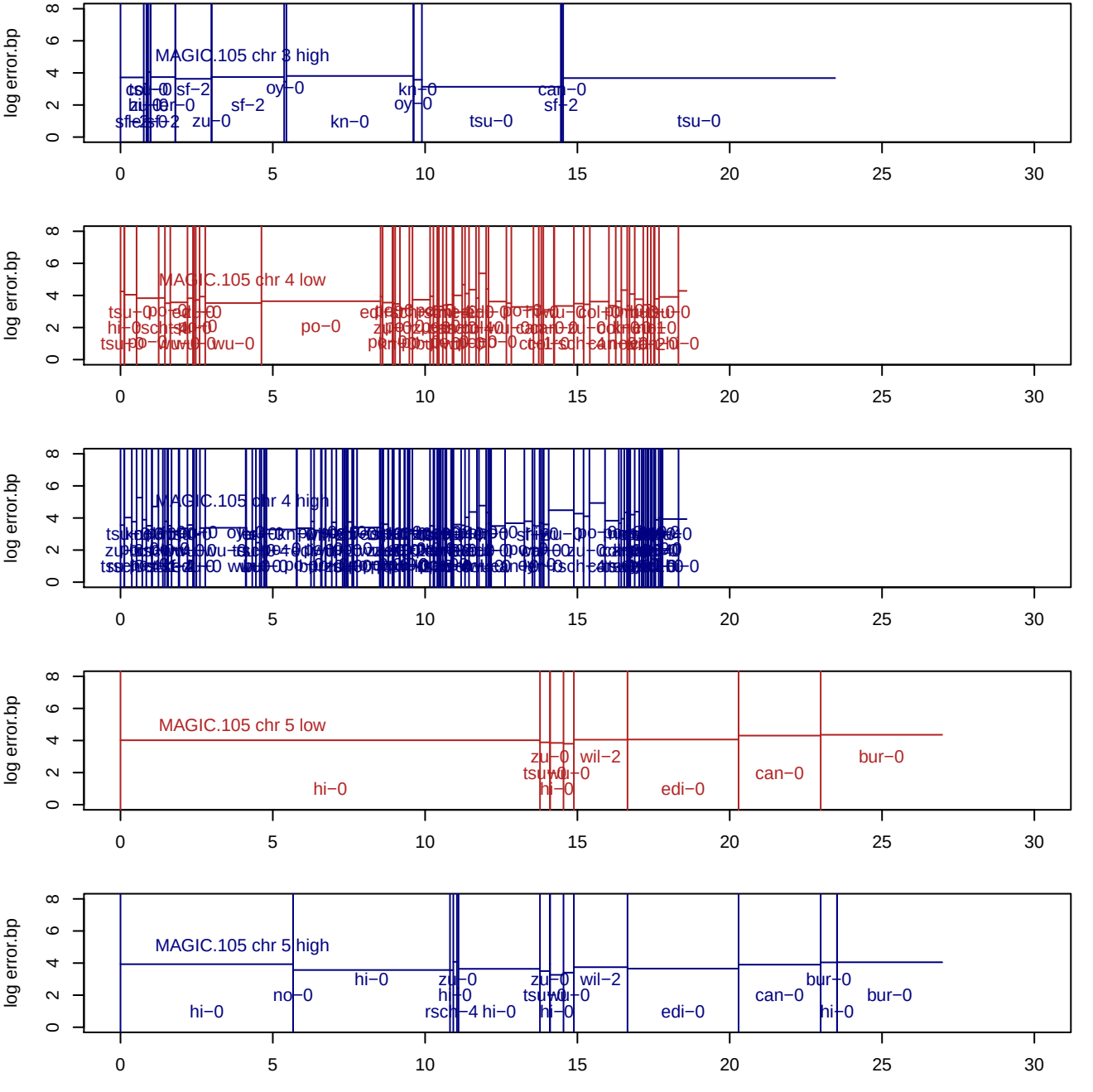
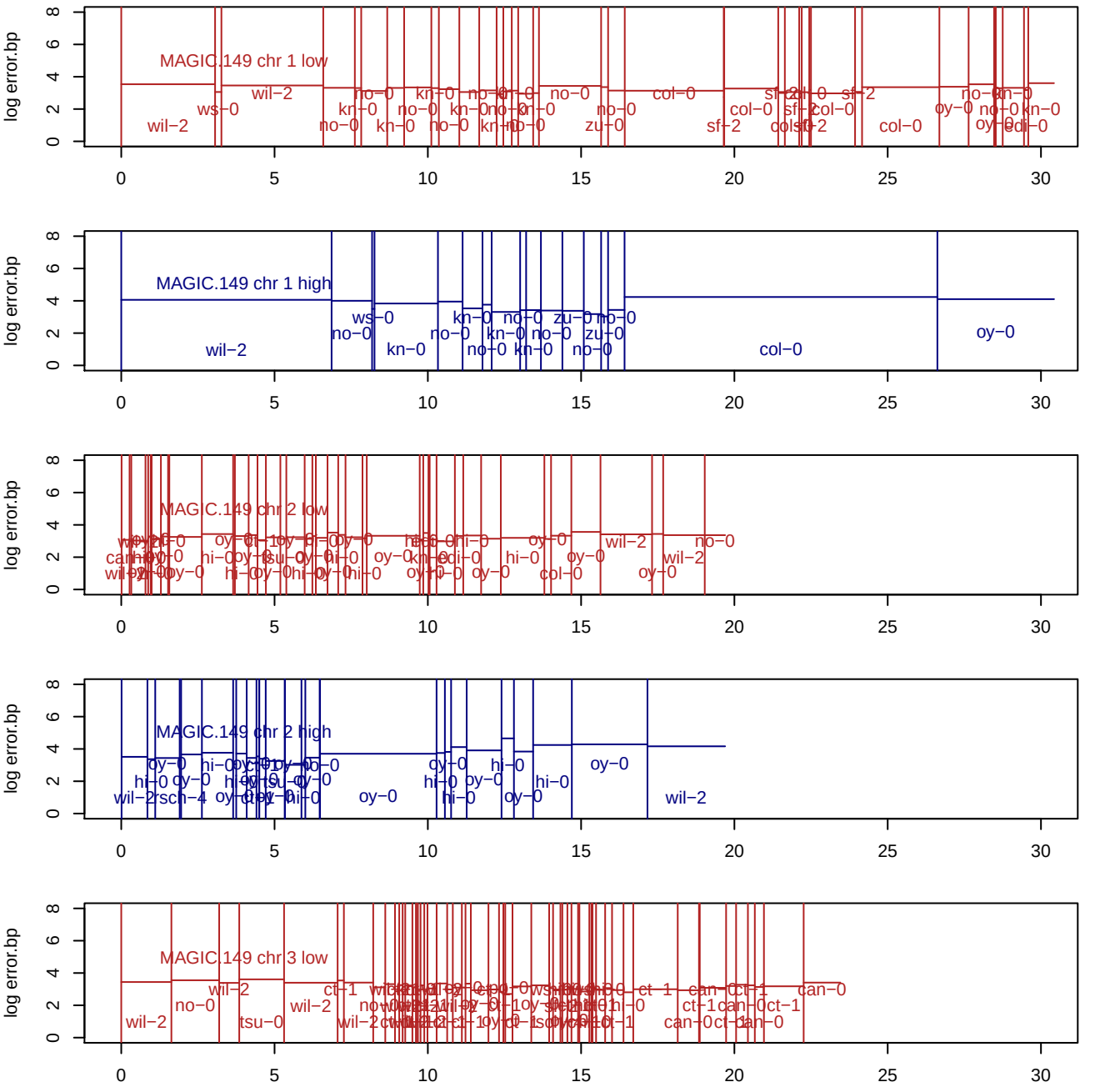
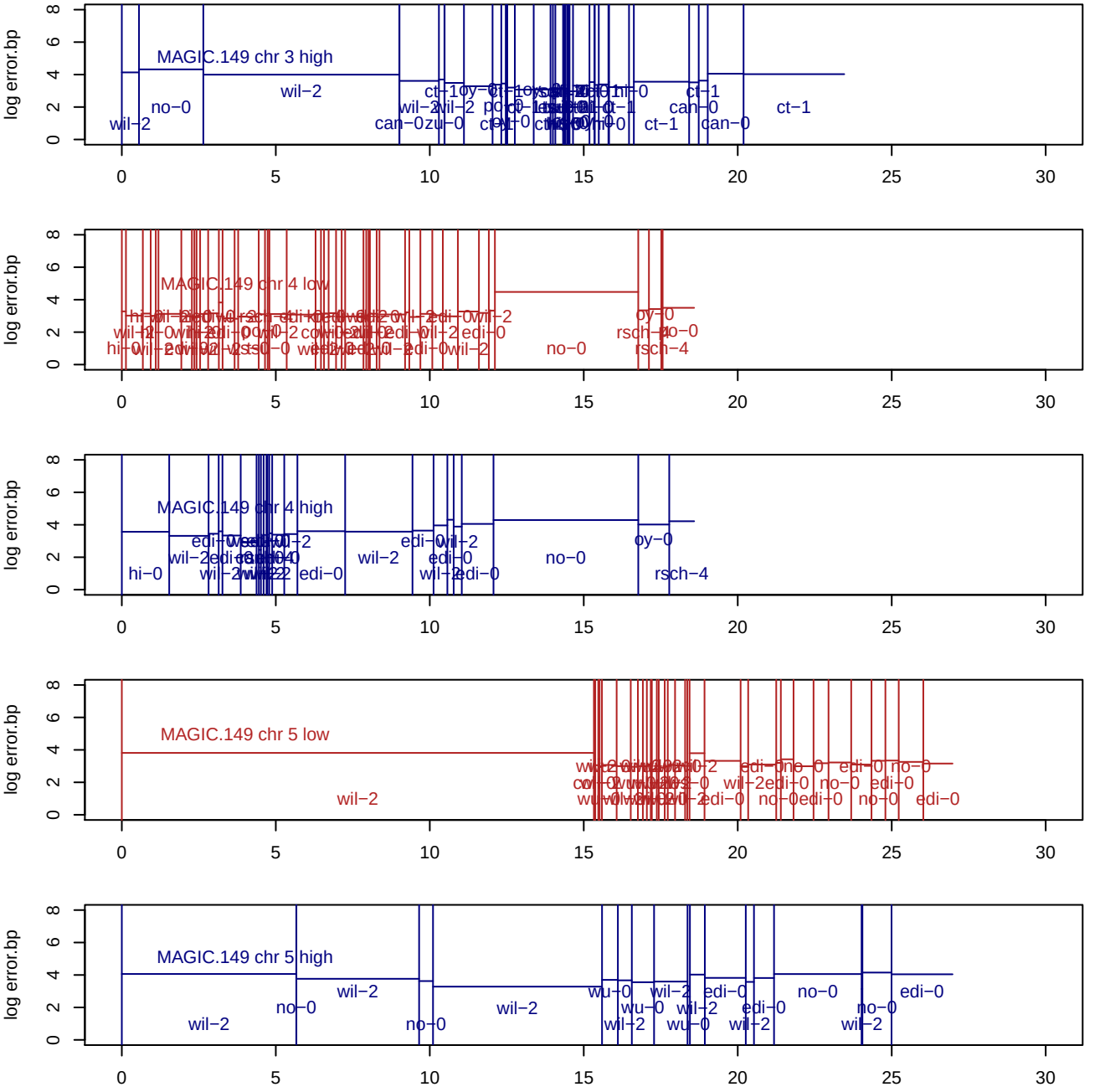
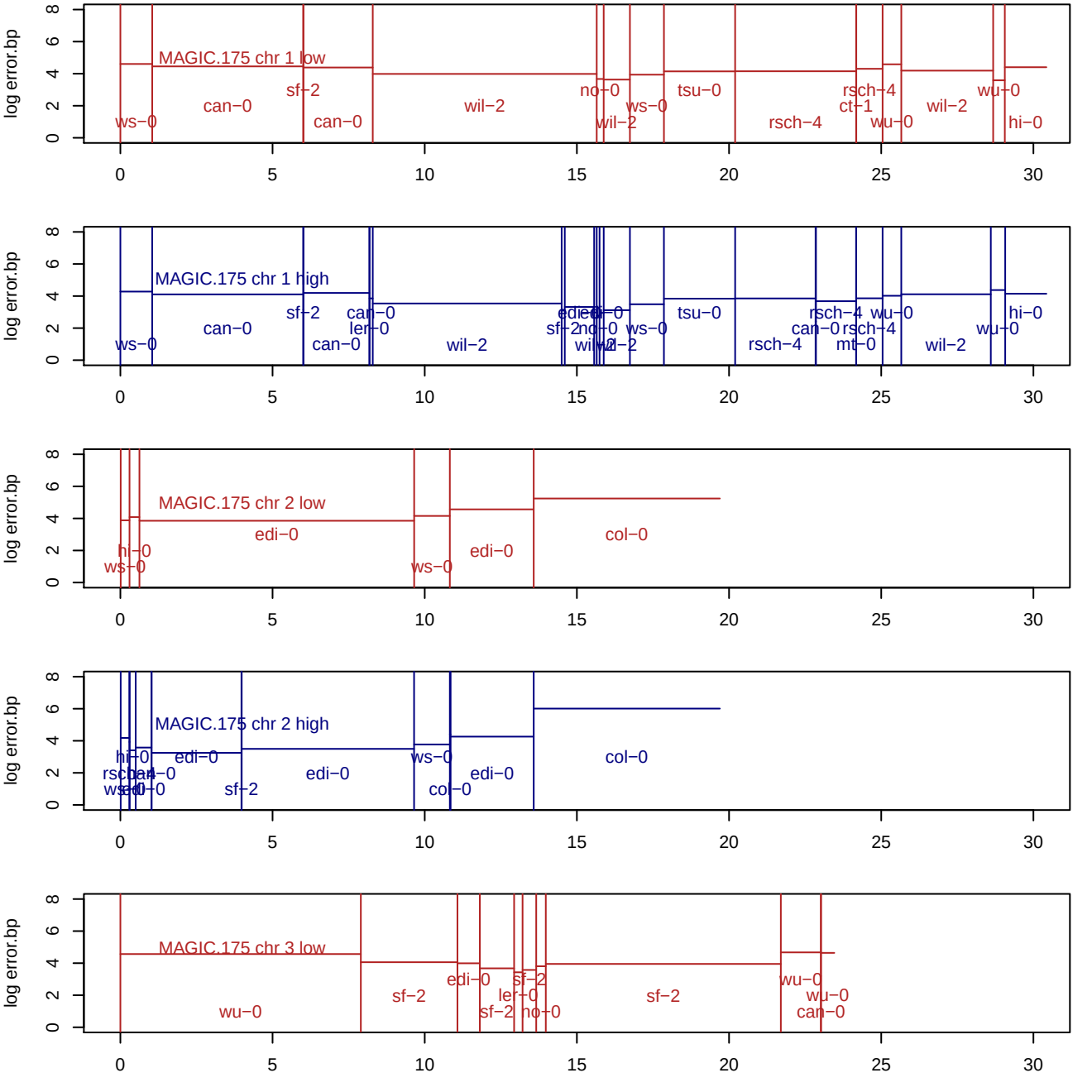
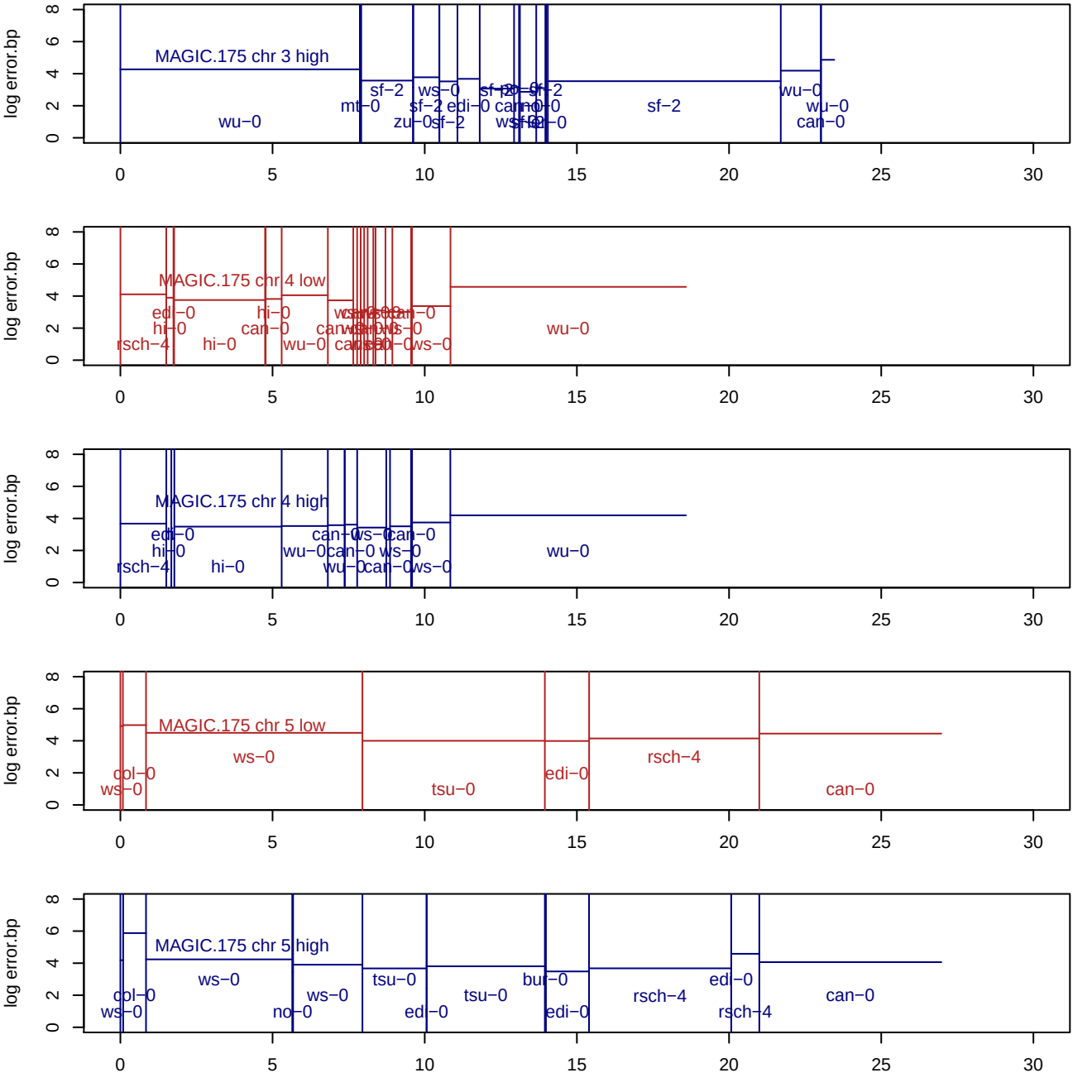

log error.bp
MAGIC.105 chr 1 low
wil−2
can−0
sf−2
can−0
can−0
mt−0
sf−2
MAGIC.105 chr 1 high
wil−2
rsch−4
can−0
can−0
tsu−0
sf−2
can−0
mt−0
can−0
sf−2
MAGIC.105 chr 2 low
po−0
sf−2
wil−2
ler−0
hi−0
MAGIC.105 chr 2 high
po−0
sf−2
wil−2
ler−0
wil−2
bur−0
ct−1
ler−0
hi−0
MAGIC.105 chr 3 low
sf−2
kn−0
tsu−0
0
5
10
15
20
25
30

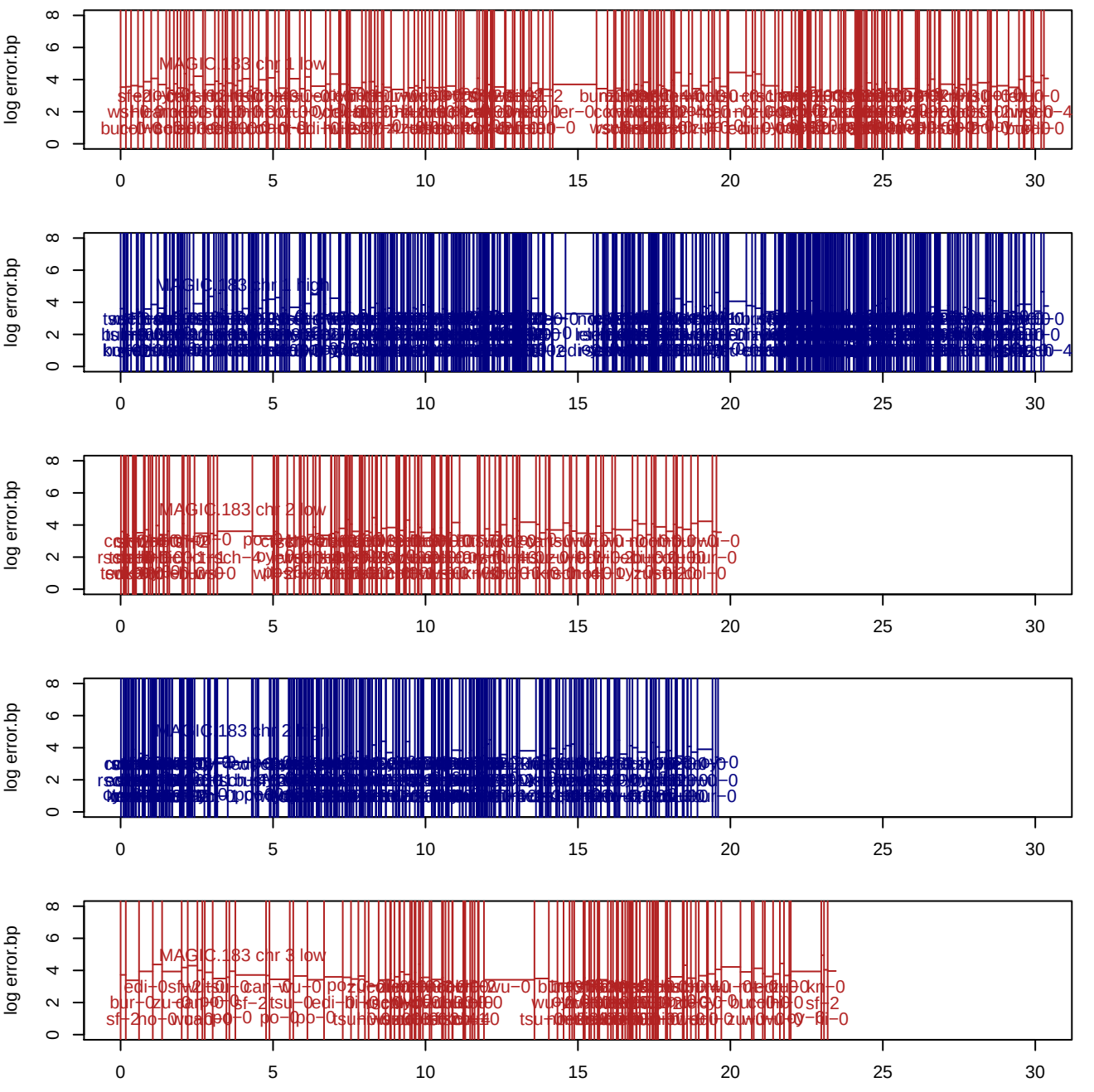

log error.bp
MAGIC.105 chr 3 high
MAGIC.105 chr 4 low
MAGIC.105 chr 4 high
MAGIC.105 chr 5 low
MAGIC.105 chr 5 high
0
5
10
15
20
25
30

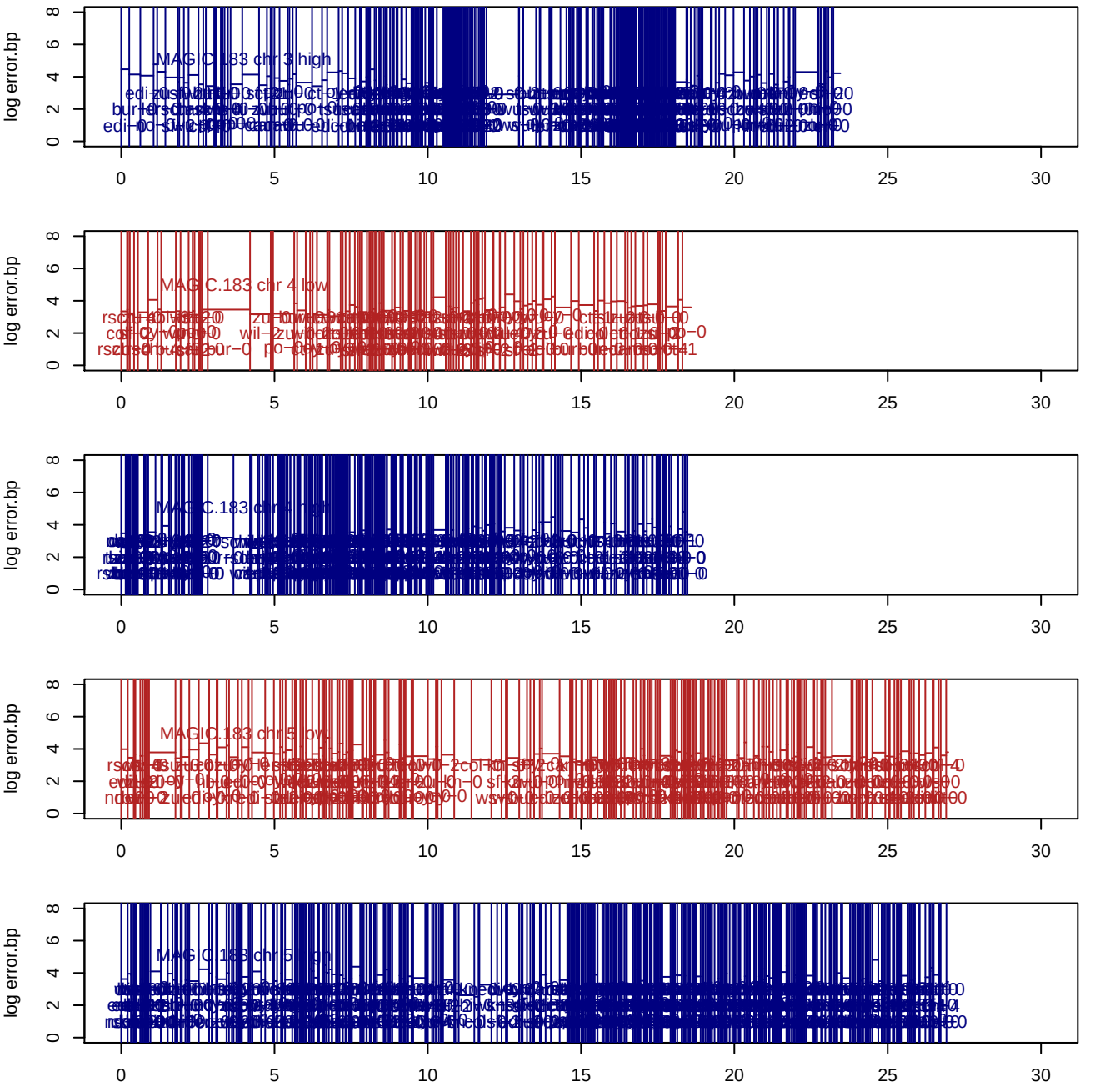

MAGIC.149 chr 1 low
MAGIC.149 chr 1 high
MAGIC.149 chr 2 low
MAGIC.149 chr 2 high
MAGIC.149 chr 3 low
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

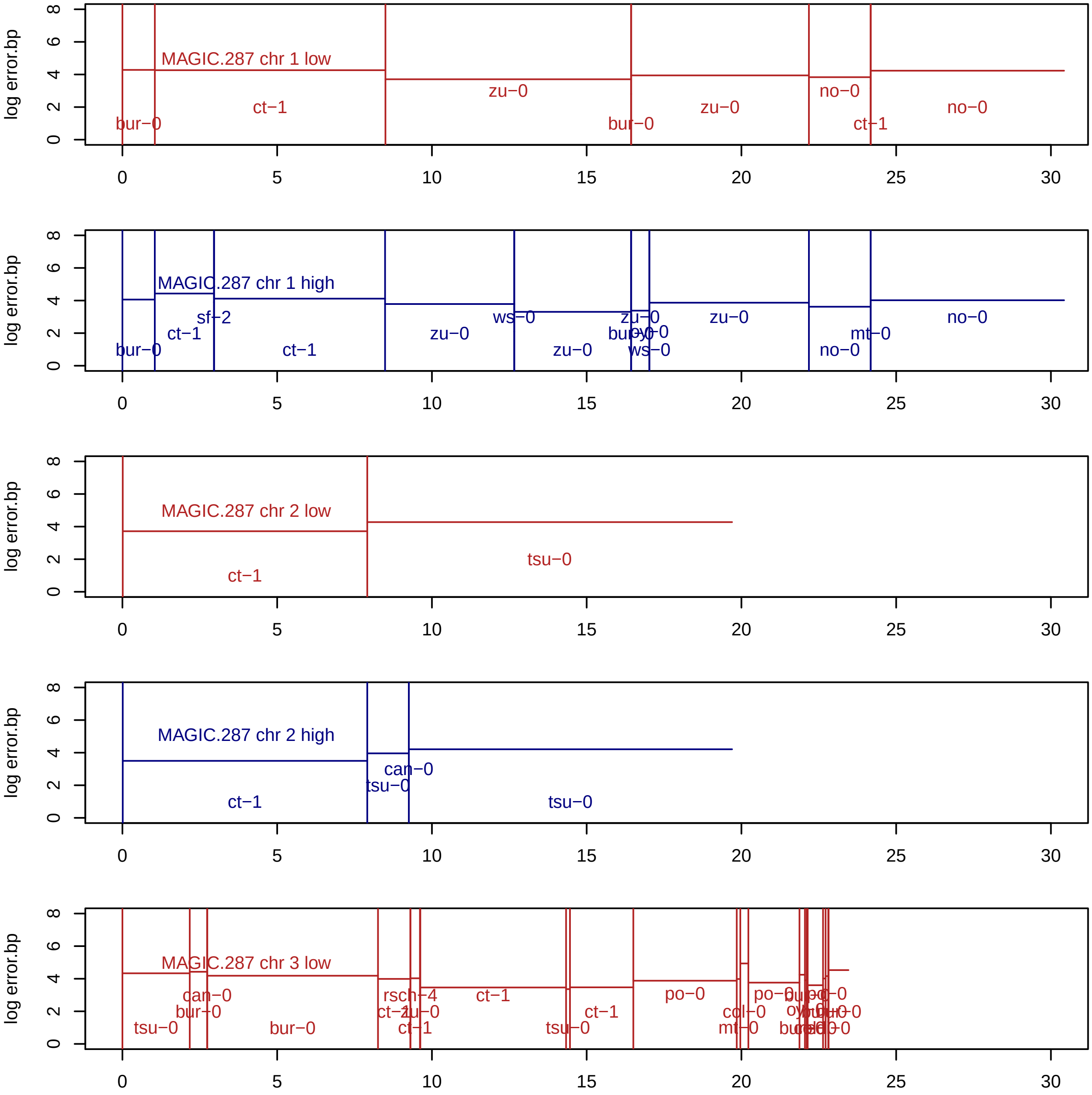

MAGIC.149 chr 3 high
MAGIC.149 chr 4 low
MAGIC.149 chr 4 high
MAGIC.149 chr 5 low
MAGIC.149 chr 5 high
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30


MAGIC.175 chr 1 low
log error.bp
ws−0
can−0
sf−2
can−0
wil−2
no−0
wil−2
ws−0
tsu−0
rsch−4
rsch−4
ct−1
wu−0
wil−2
wu−0
hi−0
MAGIC.175 chr 1 high
log error.bp
ws−0
can−0
sf−2
can−0
can−0
ler−0
wil−2
sf−2
ws−0
tsu−0
rsch−4
can−0
rsch−4
mt−0
wu−0
wil−2
wu−0
hi−0
MAGIC.175 chr 2 low
log error.bp
hi−0
ws−0
edi−0
ws−0
edi−0
col−0
MAGIC.175 chr 2 high
log error.bp
hi−0
edi−0
sf−2
edi−0
ws−0
edi−0
col−0
col−0
MAGIC.175 chr 3 low
log error.bp
wu−0
sf−2
edi−0
sf−2
ler−0
sf−2
no−0
sf−2
wu−0
wu−0
can−0
0
5
10
15
20
25
30

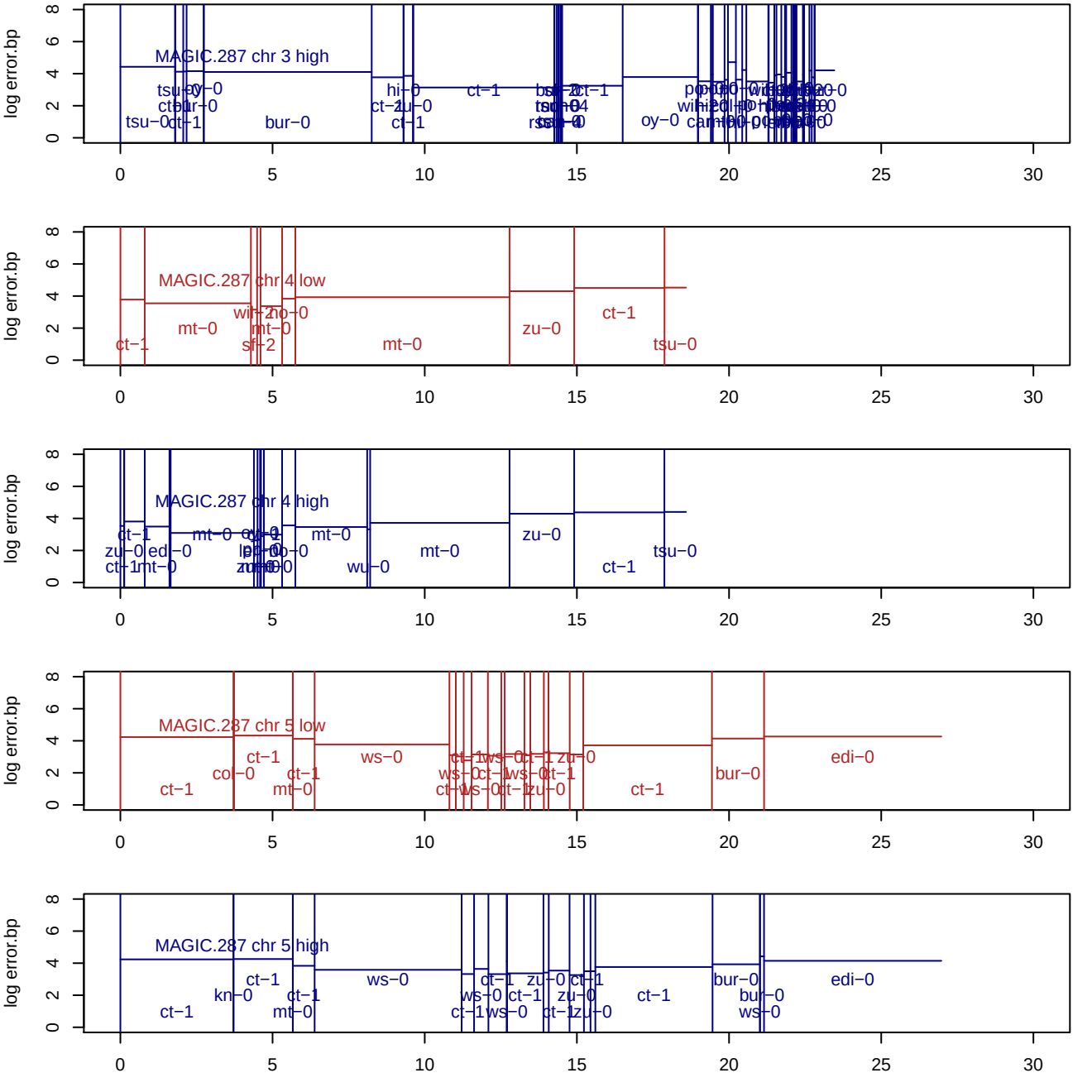

log error.bp
MAGIC.175 chr 3 high
wu−0
mt−0
sf−2
zu−0
ws−0
sf−2
sf−2
edi−0
wu−0
can−0
sf−2
wu−0
can−0
MAGIC.175 chr 4 low
rsch−4
edi−0
hi−0
hi−0
hi−0
can−0
wu−0
ws−0
wu−0
MAGIC.175 chr 4 high
rsch−4
edi−0
hi−0
hi−0
wu−0
can−0
ws−0
can−0
ws−0
wu−0
MAGIC.175 chr 5 low
ws−0
col−0
ws−0
tsu−0
edi−0
rsch−4
can−0
MAGIC.175 chr 5 high
ws−0
col−0
ws−0
ws−0
no−0
tsu−0
ed−0
tsu−0
bur−0
edi−0
rsch−4
edi−0
rsch−4
can−0
0
5
10
15
20
25
30

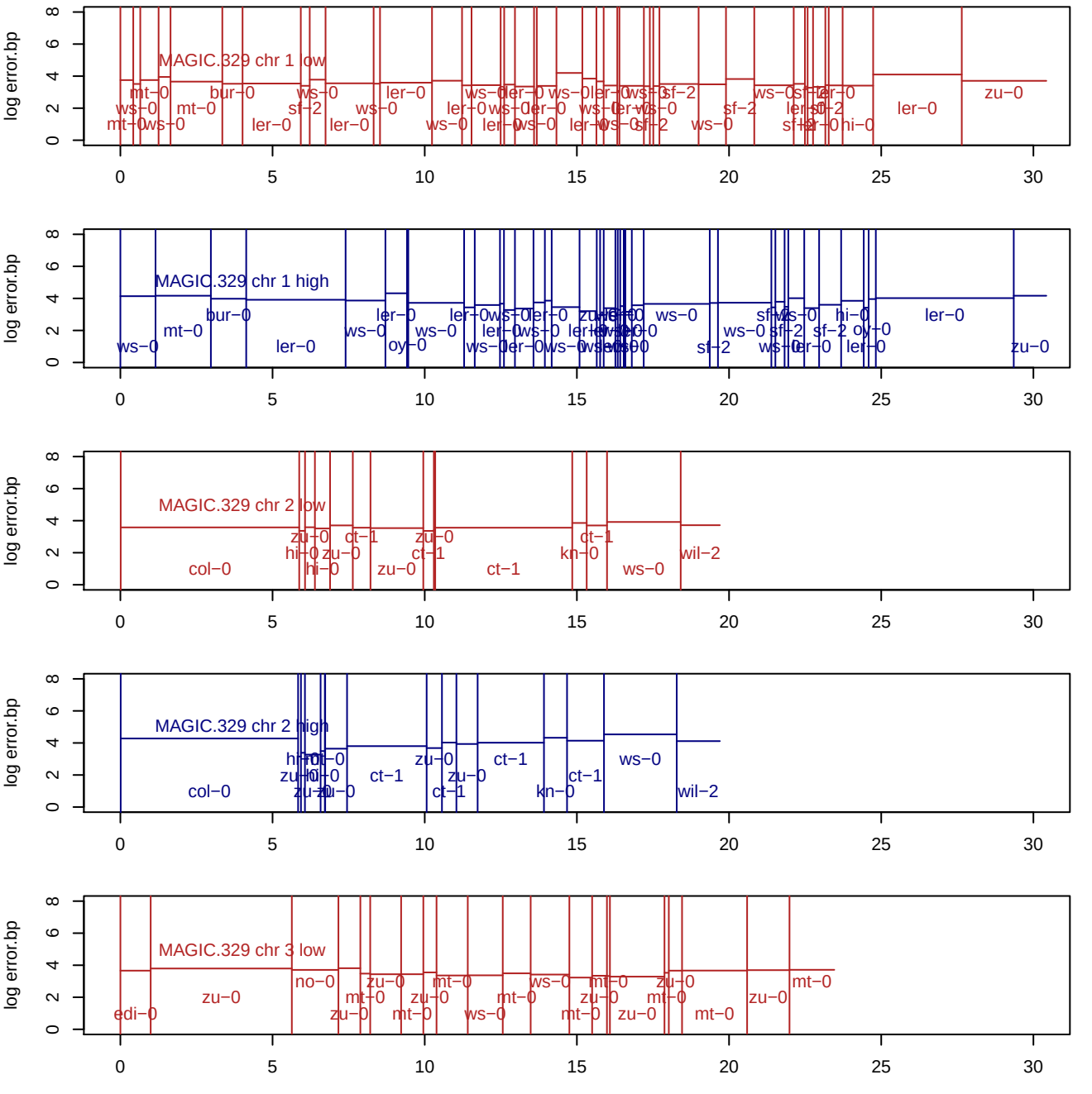

MAGIC.183 chr 1 low
MAGIC.183 chr 1 high
MAGIC.183 chr 2 low
MAGIC.183 chr 2 high
MAGIC.183 chr 3 low
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

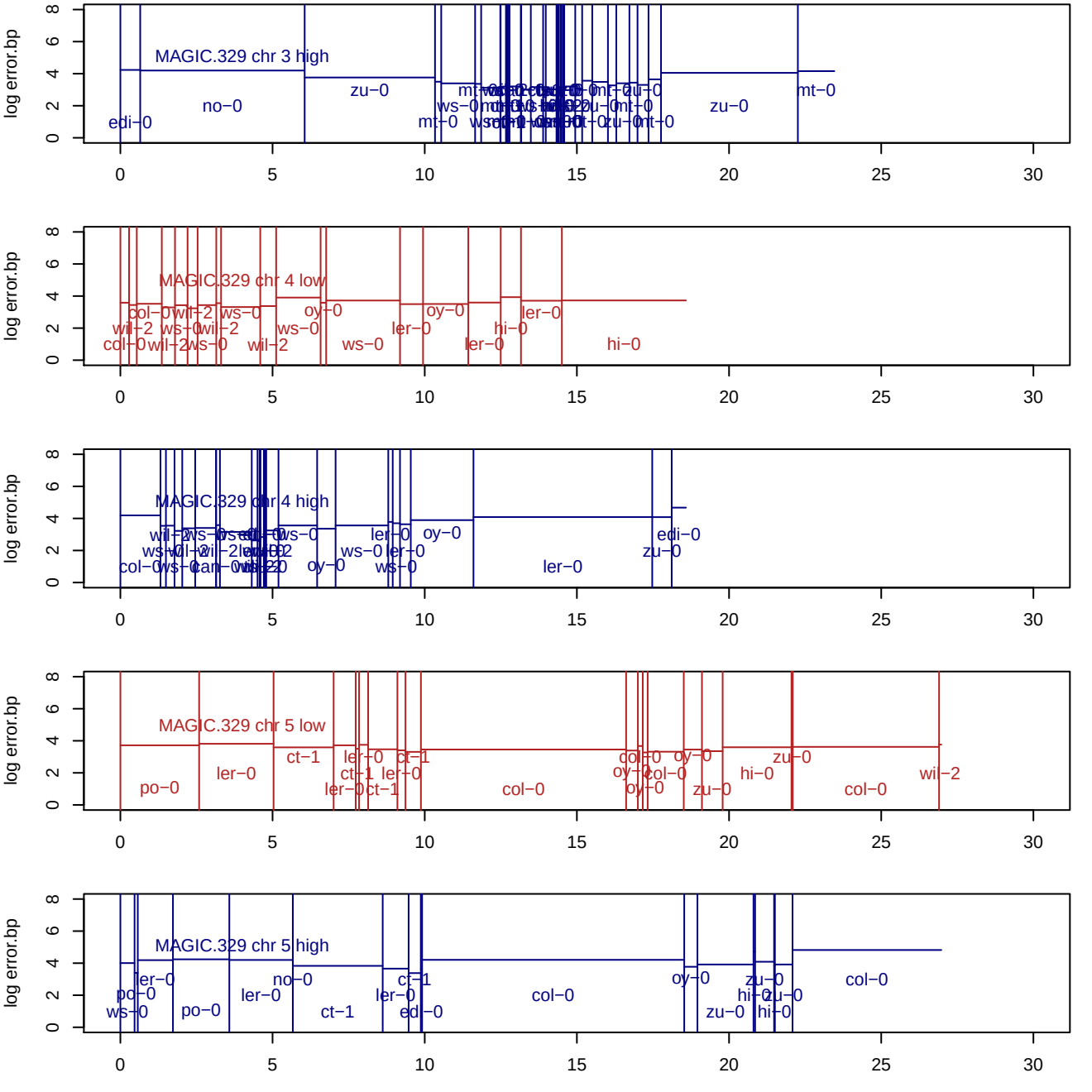

log error.bp
MAGIC.183 chr 3 high
MAGIC.183 chr 4 low
MAGIC.183 chr 5 low
MAGIC.183 chr 5 high
0
2
4
6
8
0
5
10
15
20
25
30

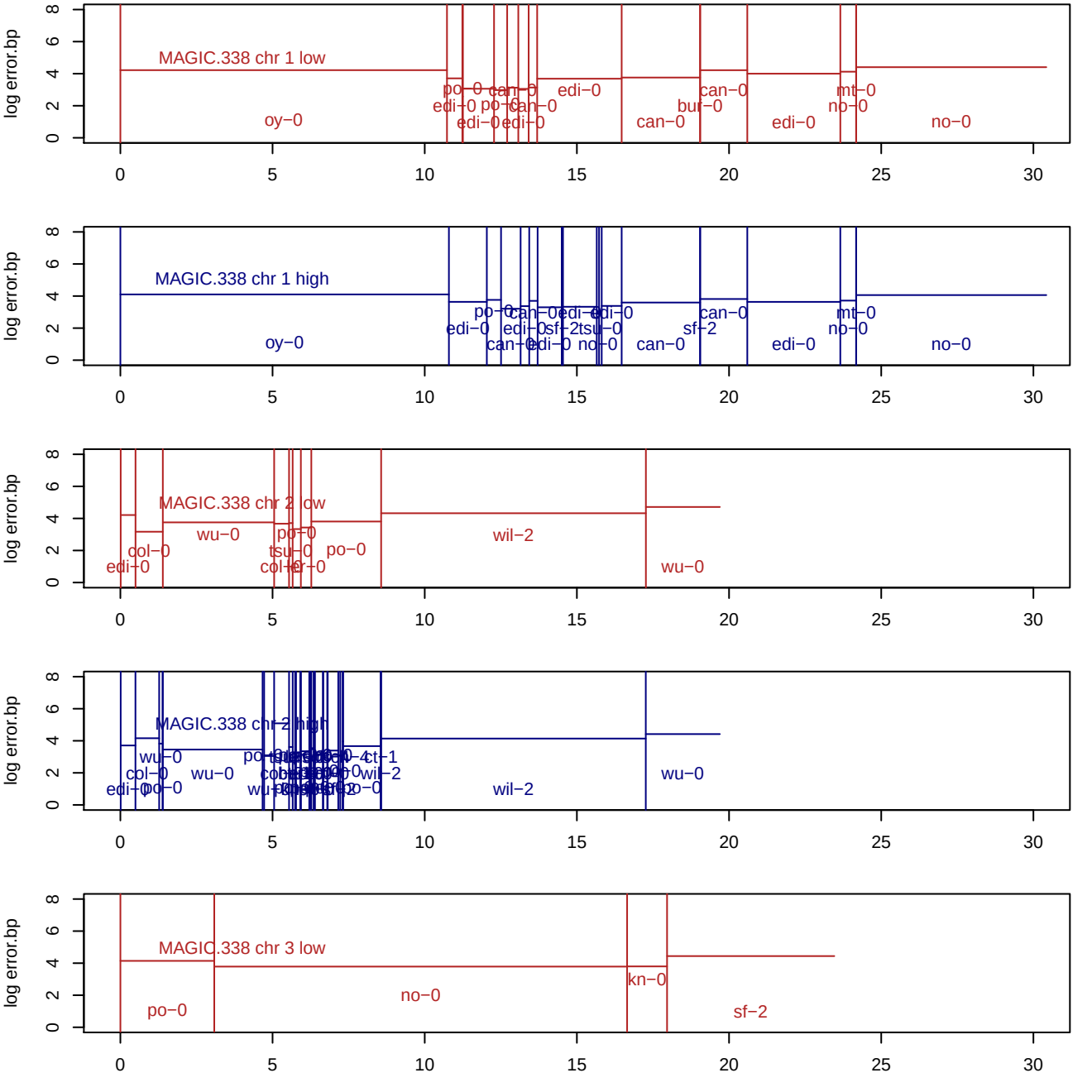


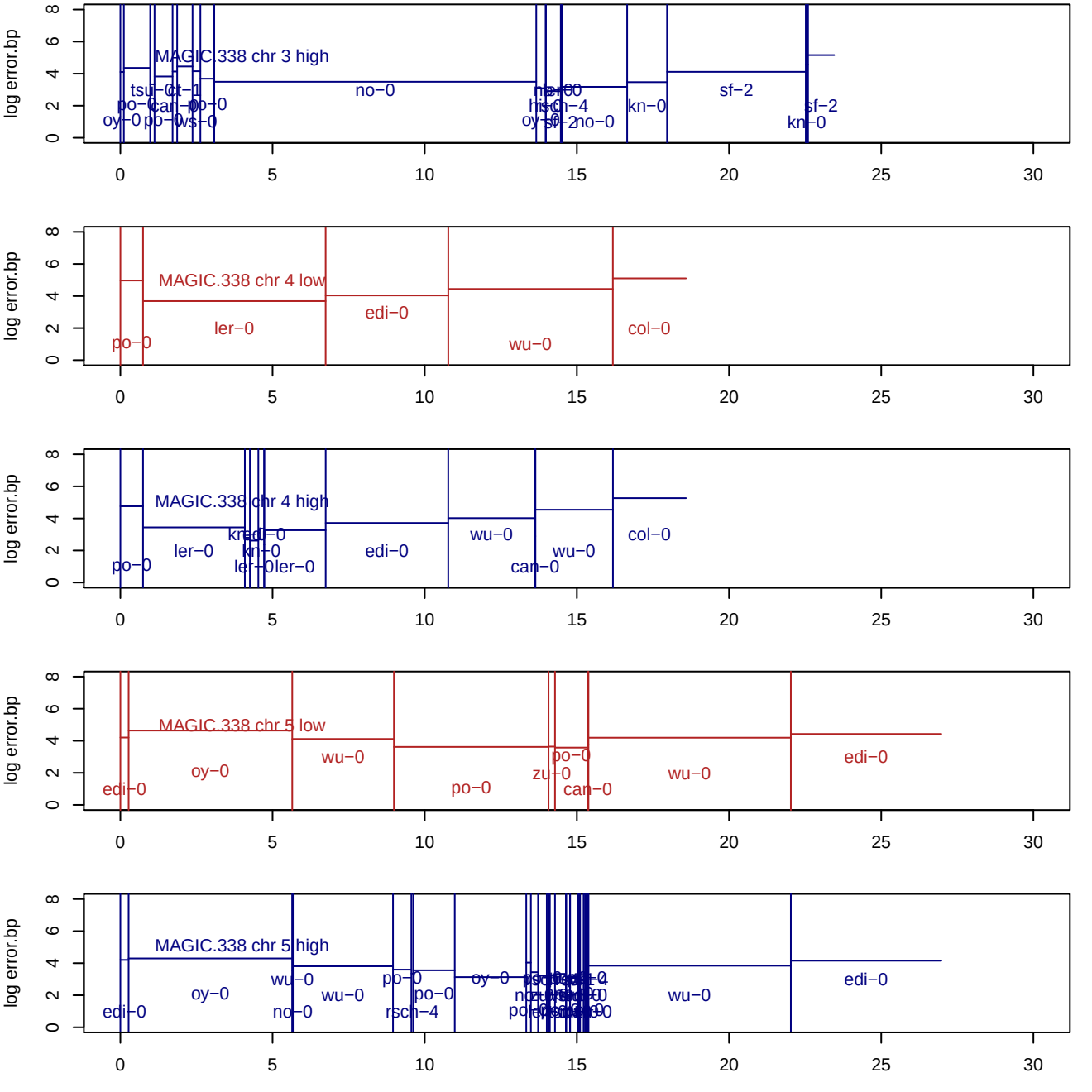
MAGIC.287 chr 1 low
bur−0
ct−1
zu−0
bur−0
zu−0
no−0
ct−1
no−0
MAGIC.287 chr 1 high
bur−0
ct−1
sf−2
ct−1
zu−0
ws−0
zu−0
zu−0
bur−0
oy−0
ws−0
zu−0
mt−0
no−0
no−0
MAGIC.287 chr 2 low
ct−1
tsu−0
MAGIC.287 chr 2 high
ct−1
can−0
tsu−0
tsu−0
MAGIC.287 chr 3 low
tsu−0
can−0
bur−0
bur−0
rsch−4
ct−1
zu−0
ct−1
ct−1
tsu−0
ct−1
po−0
po−0
col−0
mt−0
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

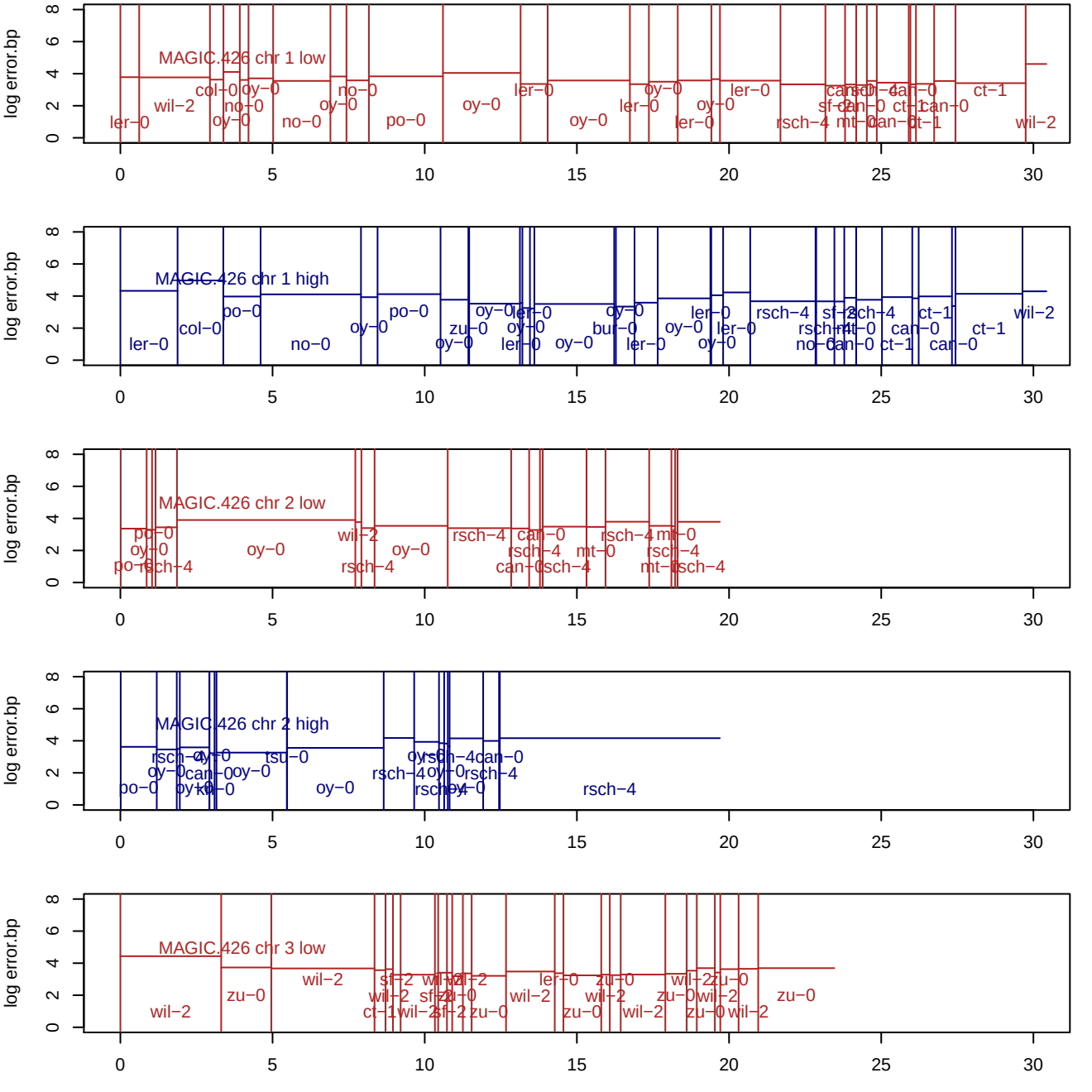

MAGIC.287 chr 3 high
MAGIC.287 chr 4 low
MAGIC.287 chr 4 high
MAGIC.287 chr 5 low
MAGIC.287 chr 5 high
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

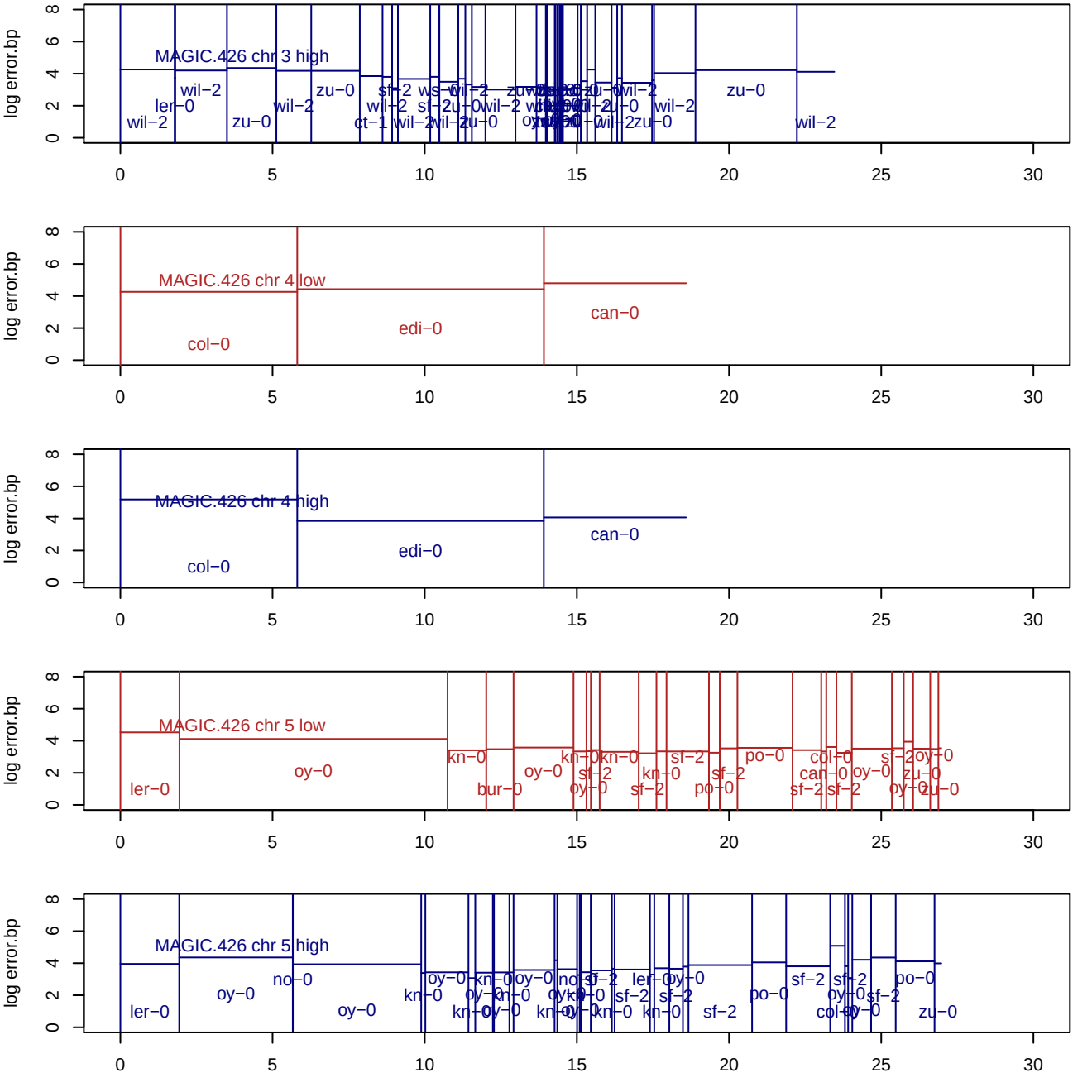

log error.bp
MAGIC.329 chr 1 low
MAGIC.329 chr 1 high
MAGIC.329 chr 2 low
MAGIC.329 chr 2 high
MAGIC.329 chr 3 low
0
5
10
15
20
25
30

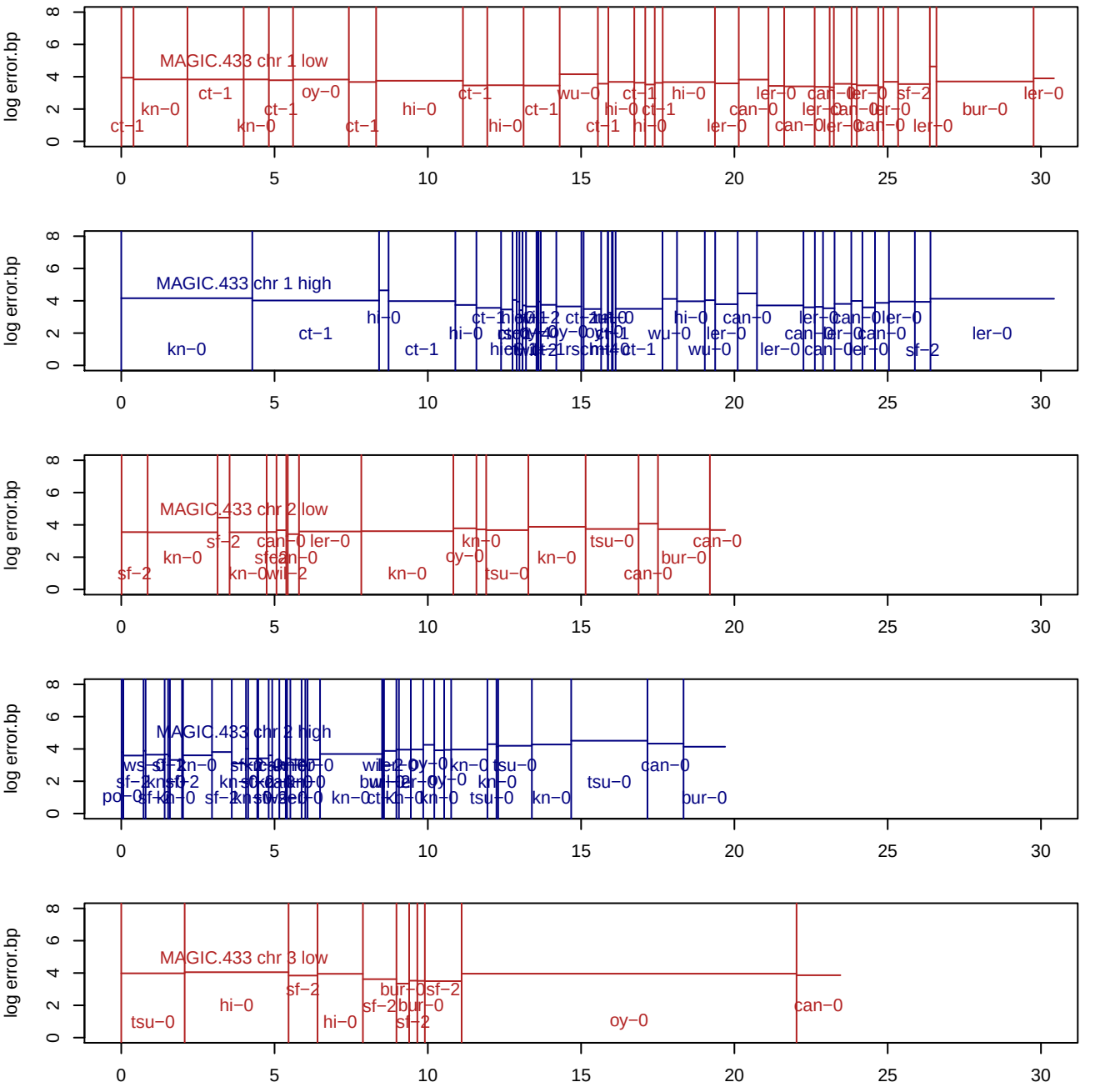

log error.bp
MAGIC.329 chr 3 high
edi−0
no−0
zu−0
mt−0
ws−0
zu−0
mt−0
MAGIC.329 chr 4 low
col−0
wil−2
ws−0
oy−0
ler−0
hi−0
MAGIC.329 chr 4 high
edi−0
zu−0
ler−0
MAGIC.329 chr 5 low
po−0
ler−0
ct−1
col−0
oy−0
hi−0
zu−0
wil−2
MAGIC.329 chr 5 high
po−0
ws−0
ler−0
no−0
ct−1
col−0
oy−0
zu−0
hi−0
0
5
10
15
20
25
30

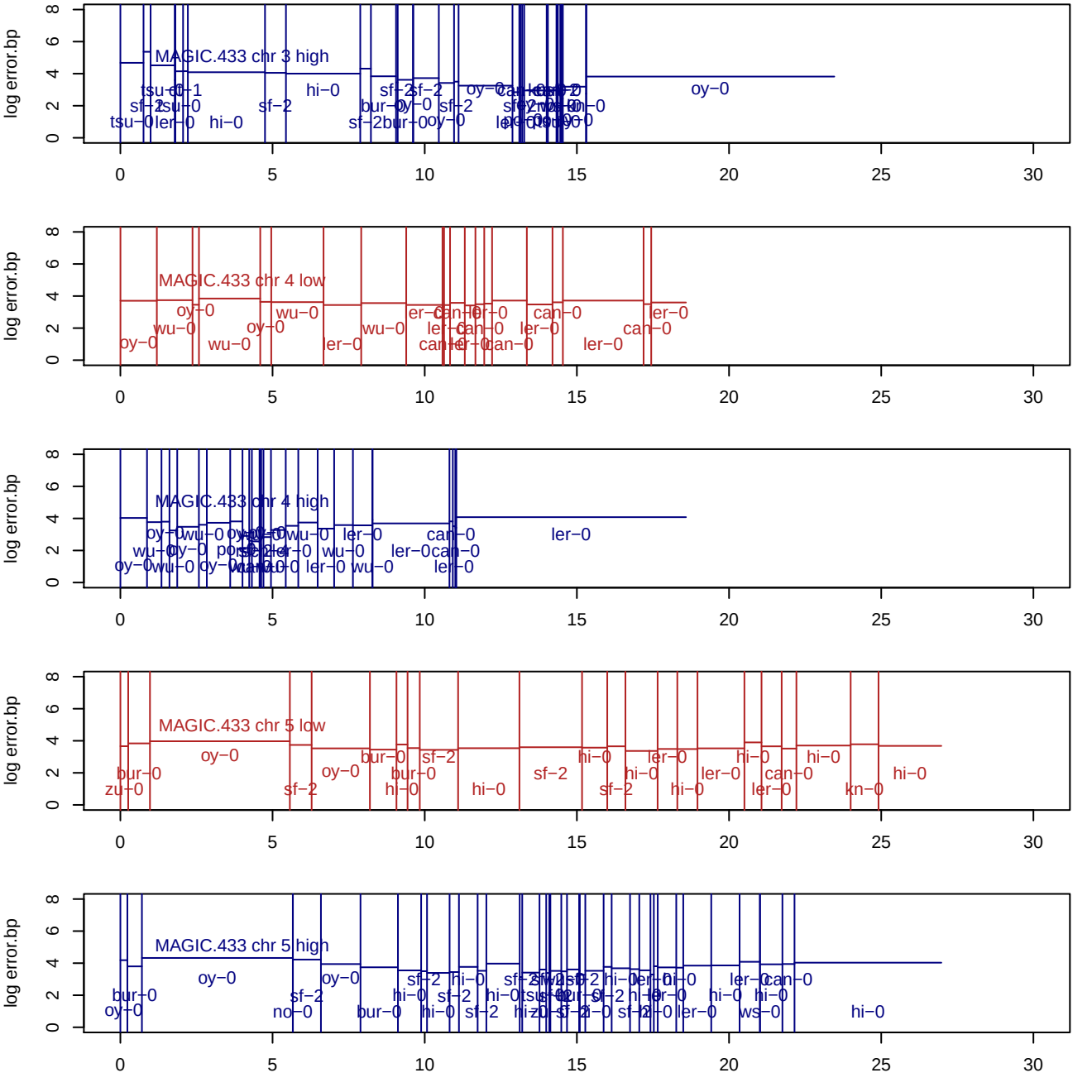

log error.bp
MAGIC.338 chr 1 low
oy−0
po−0
edi−0
can−0
edi−0
bur−0
mt−0
no−0
no−0
MAGIC.338 chr 1 high
oy−0
po−0
edi−0
can−0
edi−0
sf−2
tsu−0
no−0
can−0
sf−2
edi−0
mt−0
no−0
no−0
MAGIC.338 chr 2 low
edi−0
col−0
wu−0
tsu−0
po−0
wil−2
wu−0
MAGIC.338 chr 2 high
edi−0
col−0
wu−0
wu−0
wil−2
wu−0
MAGIC.338 chr 3 low
po−0
no−0
kn−0
sf−2
0
5
10
15
20
25
30

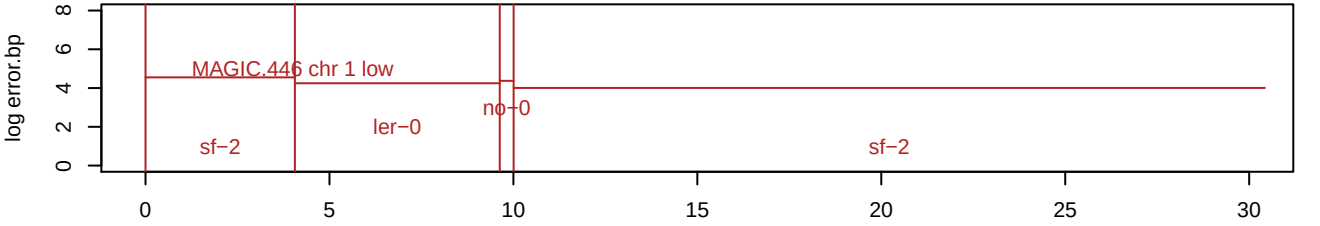

log error.bp
MAGIC.338 chr 3 high
no−0
sf−2
kn−0
sf−2
kn−0
MAGIC.338 chr 4 low
ler−0
edi−0
wu−0
col−0
po−0
MAGIC.338 chr 4 high
ler−0
edi−0
wu−0
wu−0
col−0
po−0
can−0
MAGIC.338 chr 5 low
oy−0
wu−0
po−0
po−0
zu−0
can−0
wu−0
edi−0
edi−0
MAGIC.338 chr 5 high
oy−0
wu−0
wu−0
po−0
po−0
rsch−4
no−0
wu−0
edi−0
edi−0
0
5
10
15
20
25
30

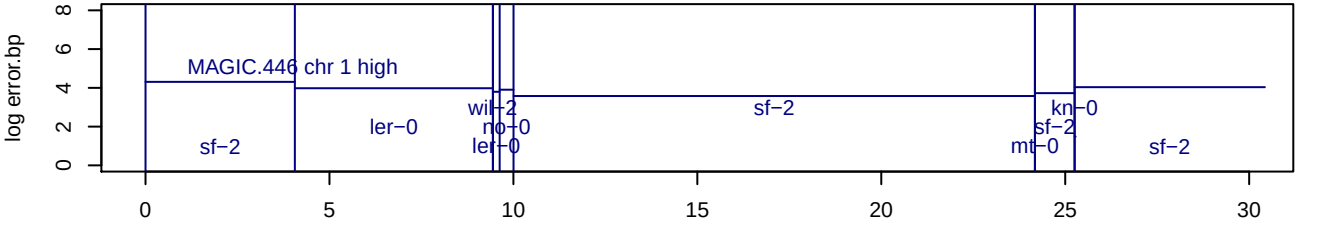

log error.bp
MAGIC.426 chr 1 low
MAGIC.426 chr 1 high
MAGIC.426 chr 2 low
MAGIC.426 chr 2 high
MAGIC.426 chr 3 low
0
5
10
15
20
25
30

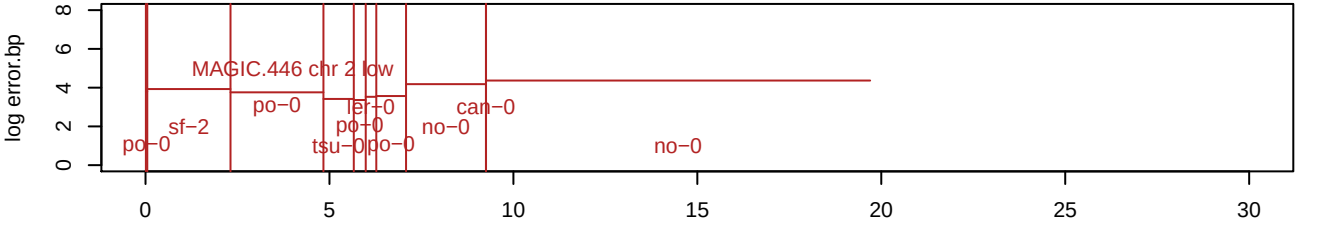

log error.bp
MAGIC.426 chr 3 high
wil−2
ler−0
zu−0
wil−2
zu−0
wil−2
ct−1
sf−2
wil−2
zu−0
wil−2
zu−0
wil−2
zu−0
MAGIC.426 chr 4 low
col−0
edi−0
can−0
MAGIC.426 chr 4 high
col−0
edi−0
can−0
MAGIC.426 chr 5 low
ler−0
oy−0
kn−0
bur−0
oy−0
sf−2
po−0
col−0
can−0
sf−2
zu−0
MAGIC.426 chr 5 high
ler−0
oy−0
no−0
oy−0
kn−0
po−0
sf−2
zu−0
0
5
10
15
20
25
30

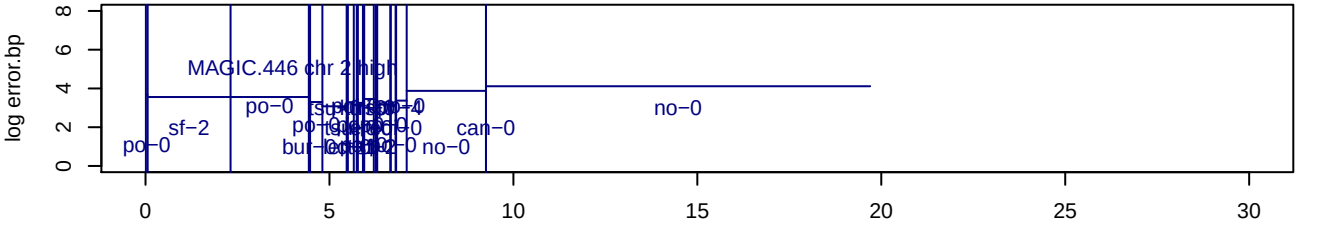

MAGIC.433 chr 1 low
MAGIC.433 chr 1 high
MAGIC.433 chr 2 low
MAGIC.433 chr 2 high
MAGIC.433 chr 3 low
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

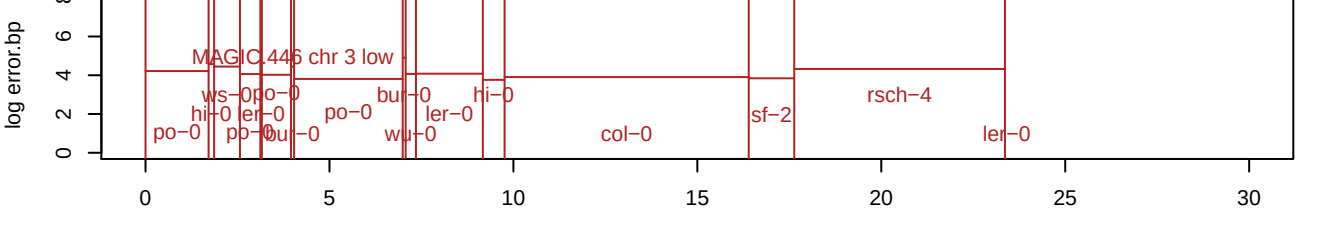

MAGIC.433 chr 3 high
MAGIC.433 chr 4 low
MAGIC.433 chr 4 high
MAGIC.433 chr 5 low
MAGIC.433 chr 5 high
log error.bp
0
2
4
6
8
0
5
10
15
20
25
30

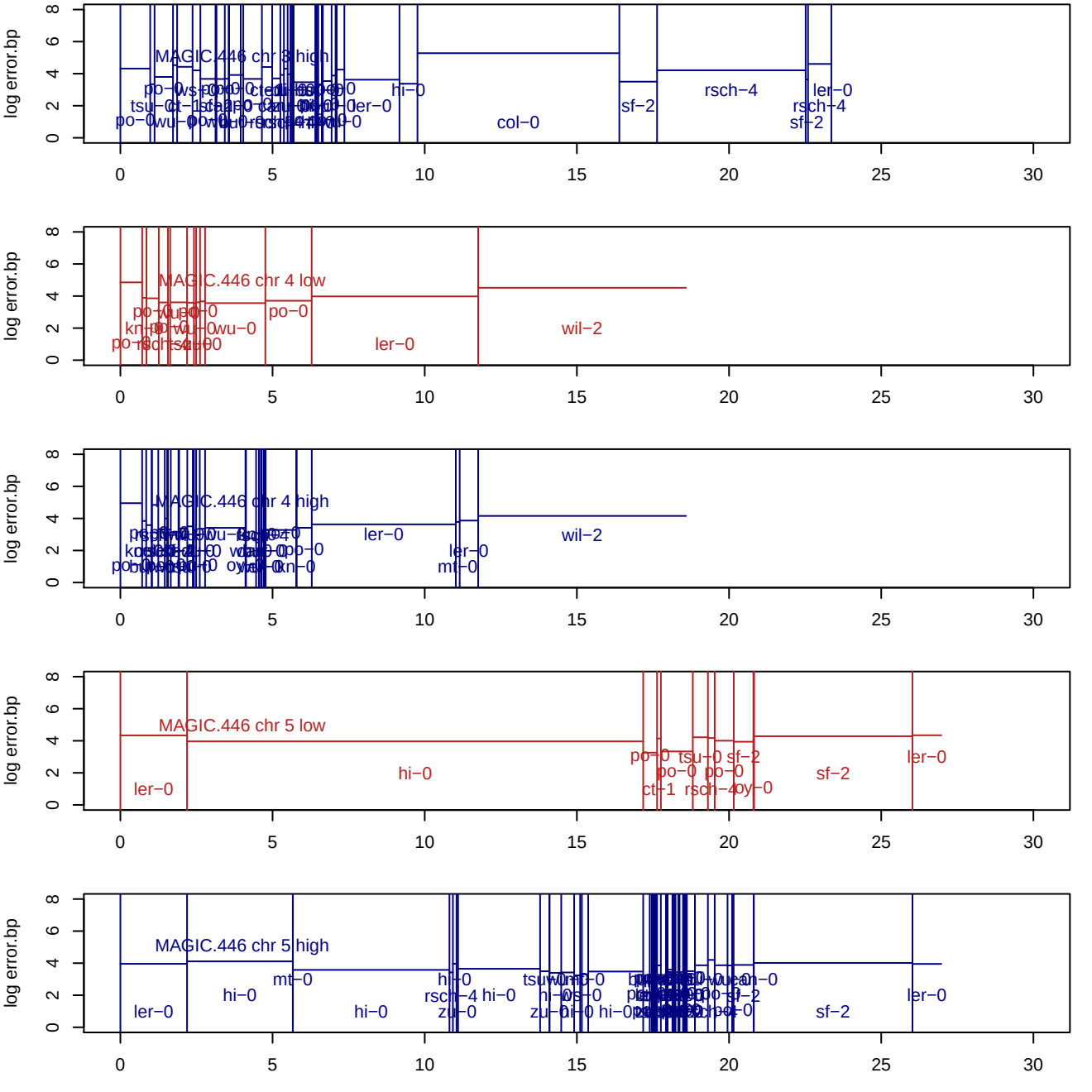

log error.bp
MAGIC.446 chr 1 low
sf−2
ler−0
no−0
sf−2


log error.bp
MAGIC.446 chr 1 high
sf−2
ler−0
wil−2
no−0
ler−0
sf−2
kn−0
sf−2
mt−0
sf−2


log error.bp
MAGIC.446 chr 2 low
po−0
sf−2
po−0
ler−0
po−0
tsu−0
po−0
no−0
can−0
no−0


log error.bp
MAGIC.446 chr 2 high
po−0
sf−2
po−0
no−0
can−0
no−0


log error.bp
MAGIC.446 chr 3 low
po−0
hi−0
ws−0
ler−0
po−0
po−0
bur−0
po−0
bur−0
wu−0
ler−0
hi−0
col−0
sf−2
rsch−4
ler−0


log error.bp
MAGIC.446 chr 3 high
hi−0
col−0
sf−2
rsch−4
ler−0
rsch+4
sf−2
MAGIC.446 chr 4 low
po−0
wil−2
ler−0
MAGIC.446 chr 4 high
ler−0
wil−2
ler−0
mt−0
MAGIC.446 chr 5 low
ler−0
hi−0
po−0
tsu−0
sf−2
po−0
po−0
ct−1
rsch−4
oy−0
sf−2
ler−0
MAGIC.446 chr 5 high
ler−0
hi−0
mt−0
hi−0
hi−0
rsch−4
hi−0
zu−0
sf−2
ler−0
0
5
10
15
20
25
30