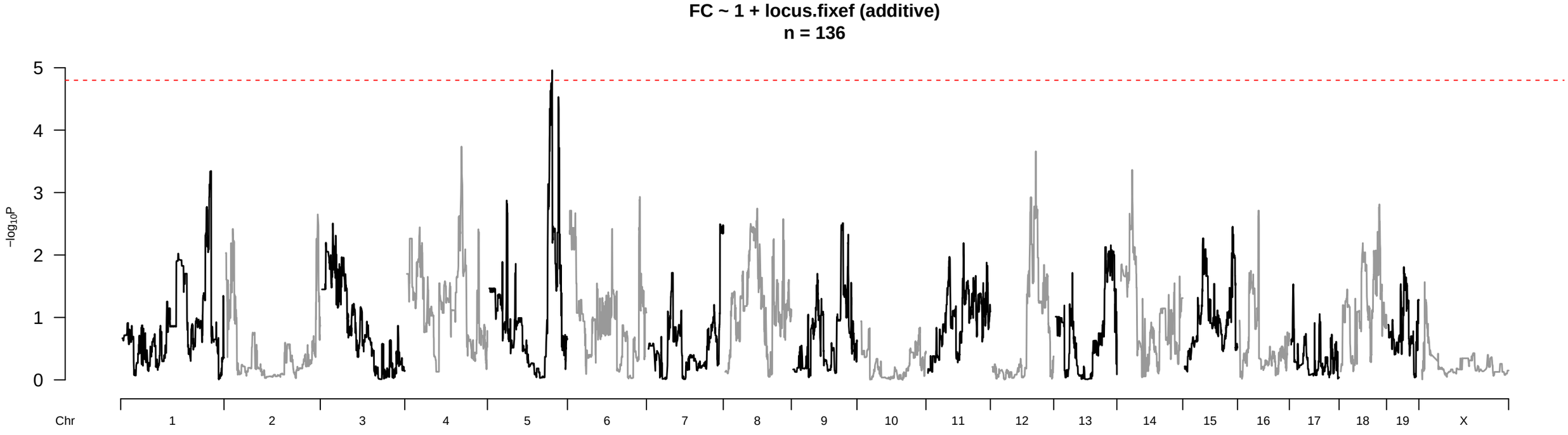
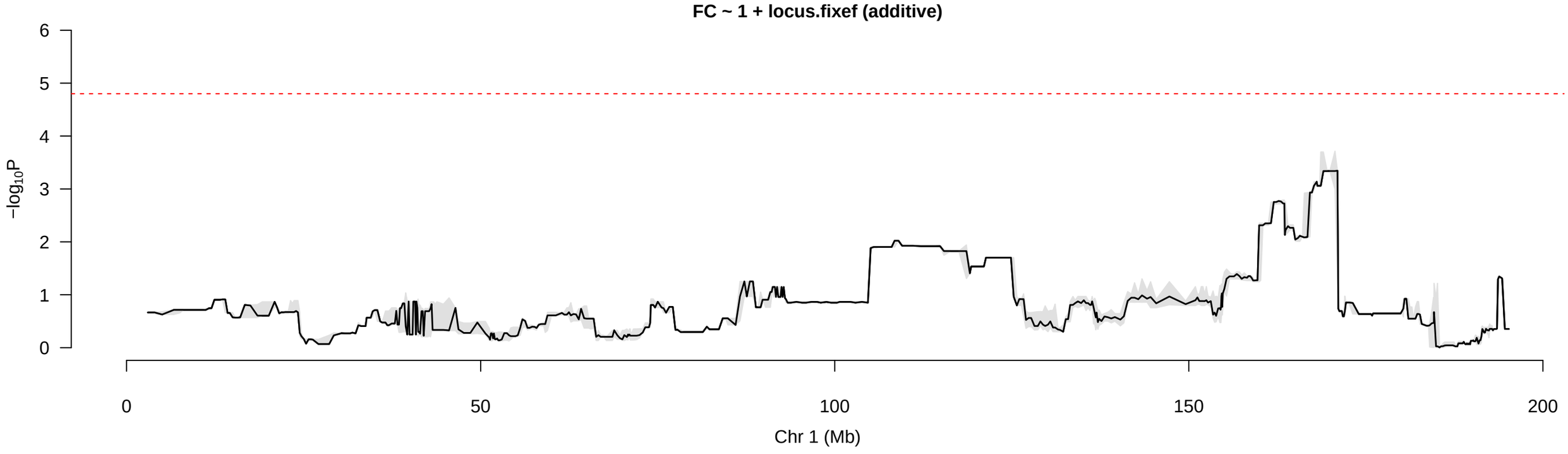
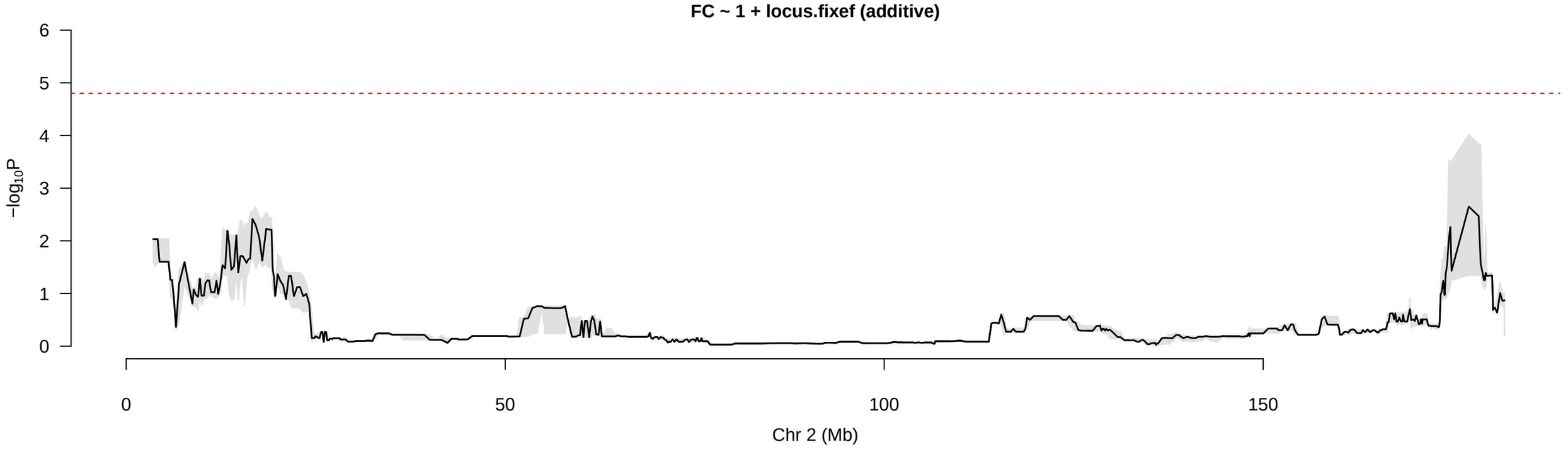
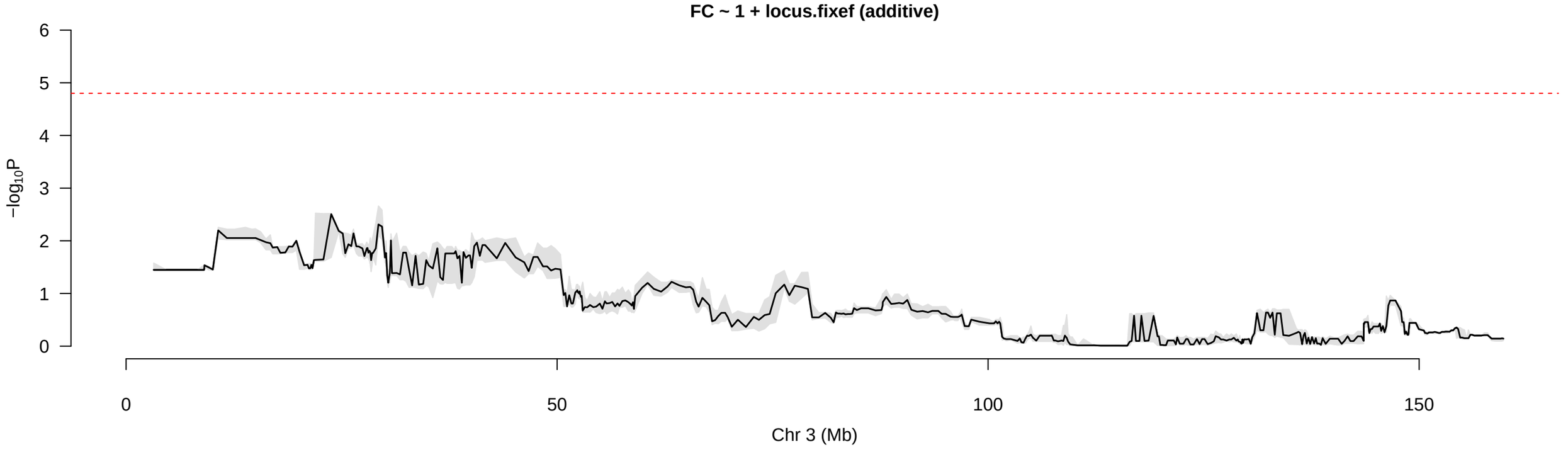
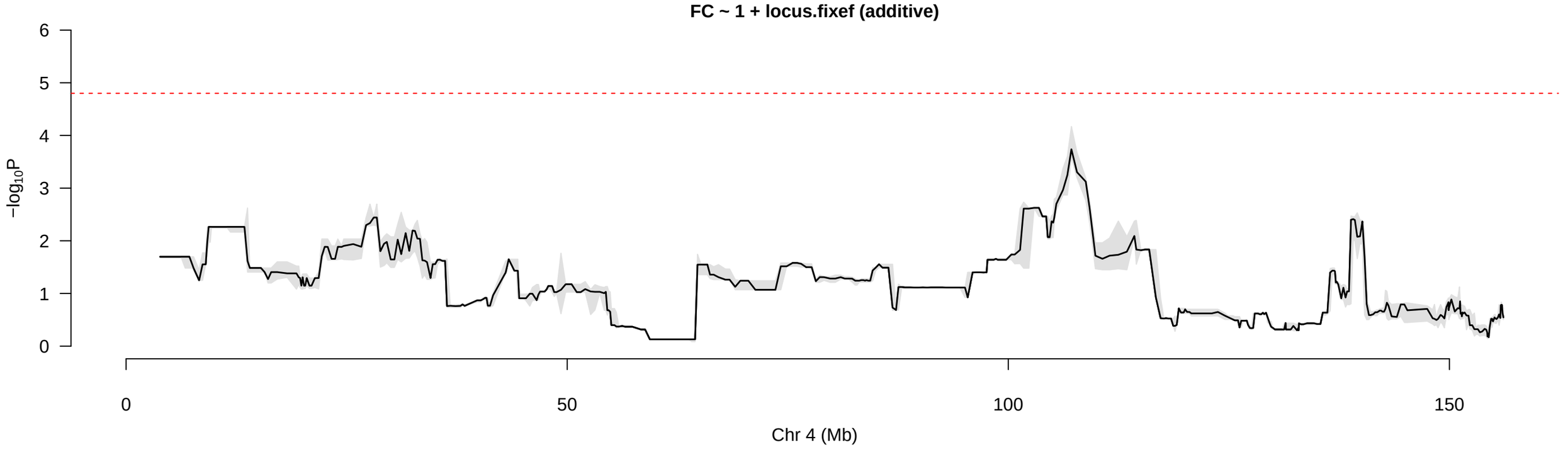
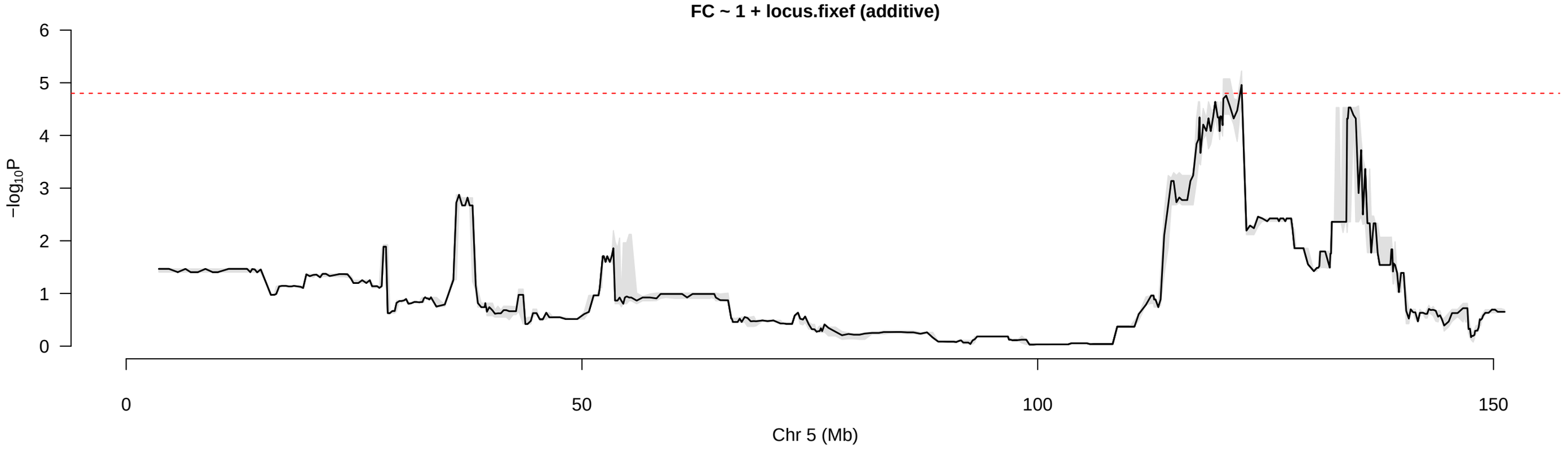

FC ~ 1 + locus.fixef (additive)
n = 136
−log10P
0
1
2
3
4
5
Chr
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
X

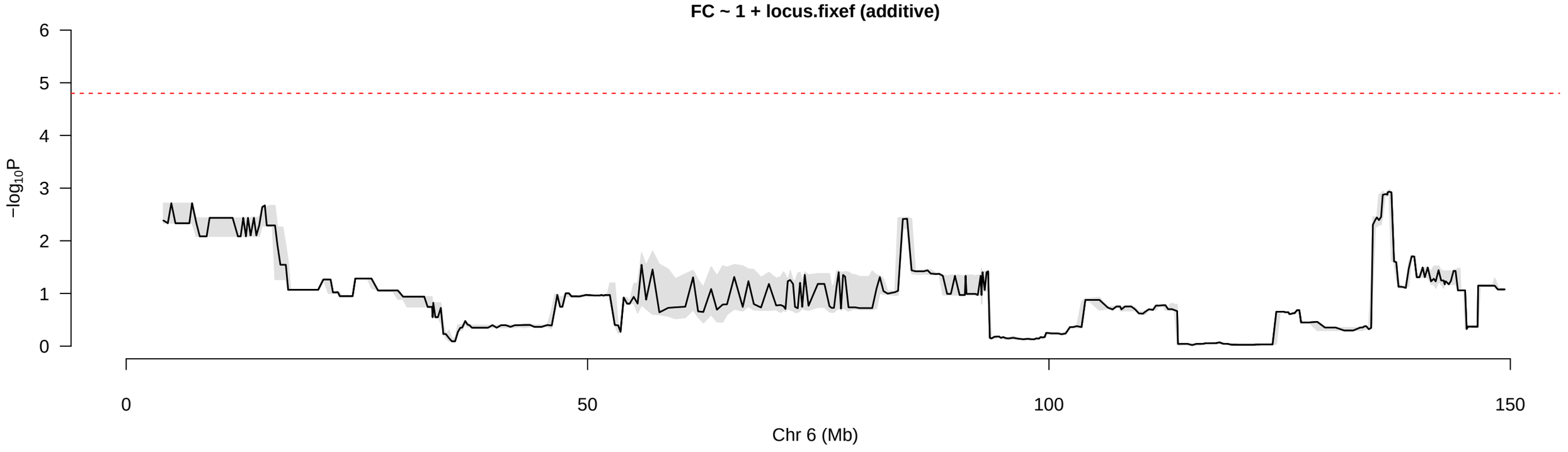

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
200
Chr 1 (Mb)

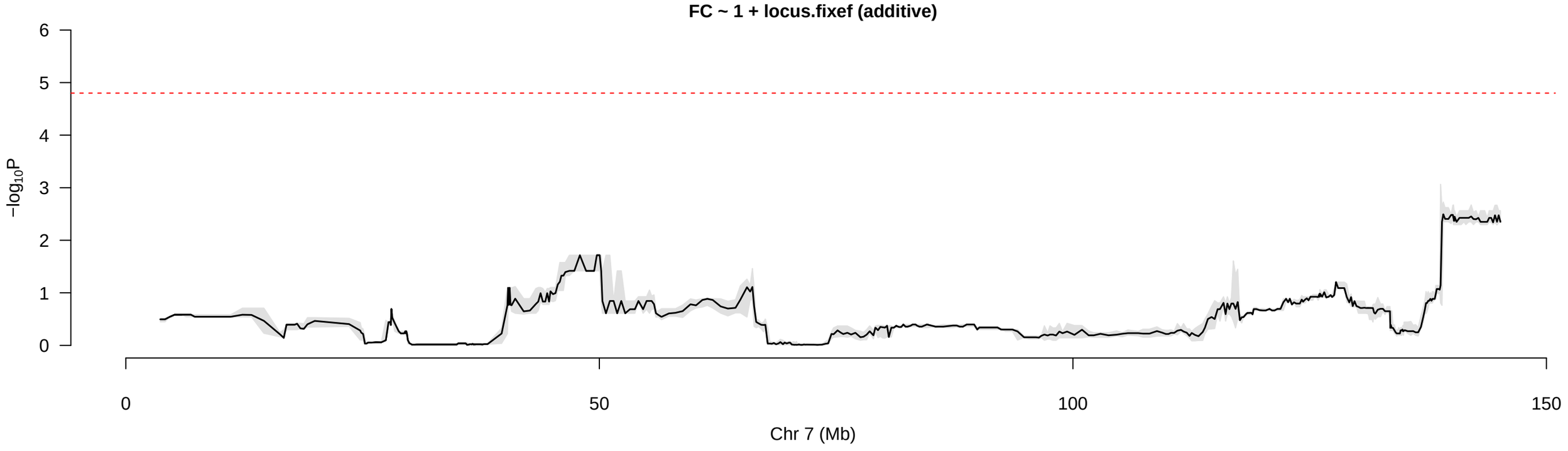

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 2 (Mb)

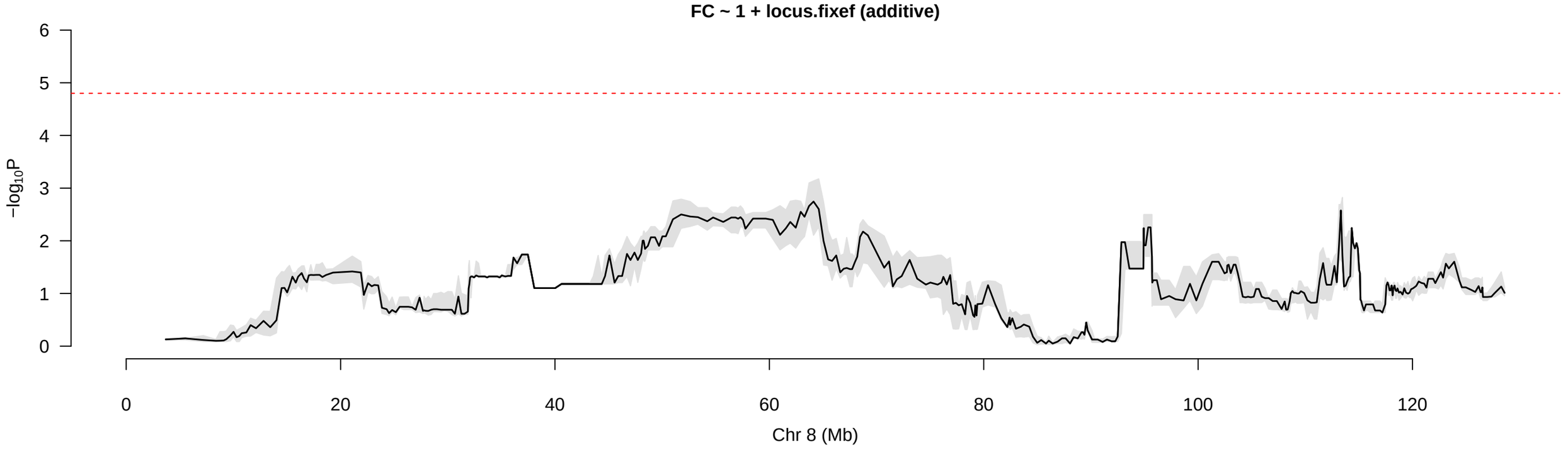

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 3 (Mb)

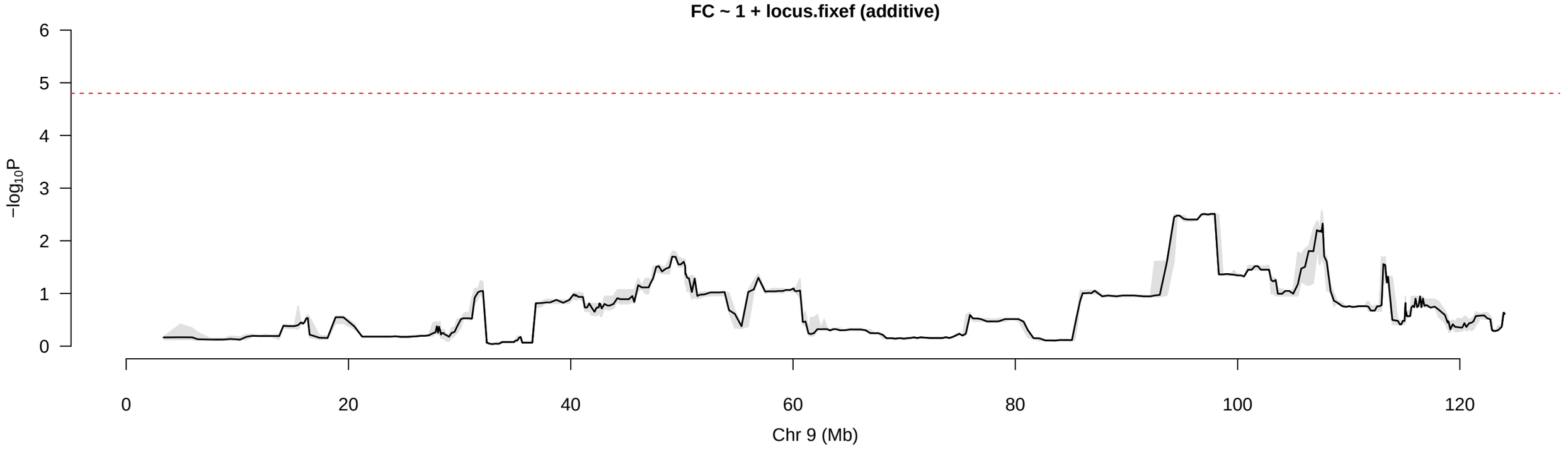

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 4 (Mb)

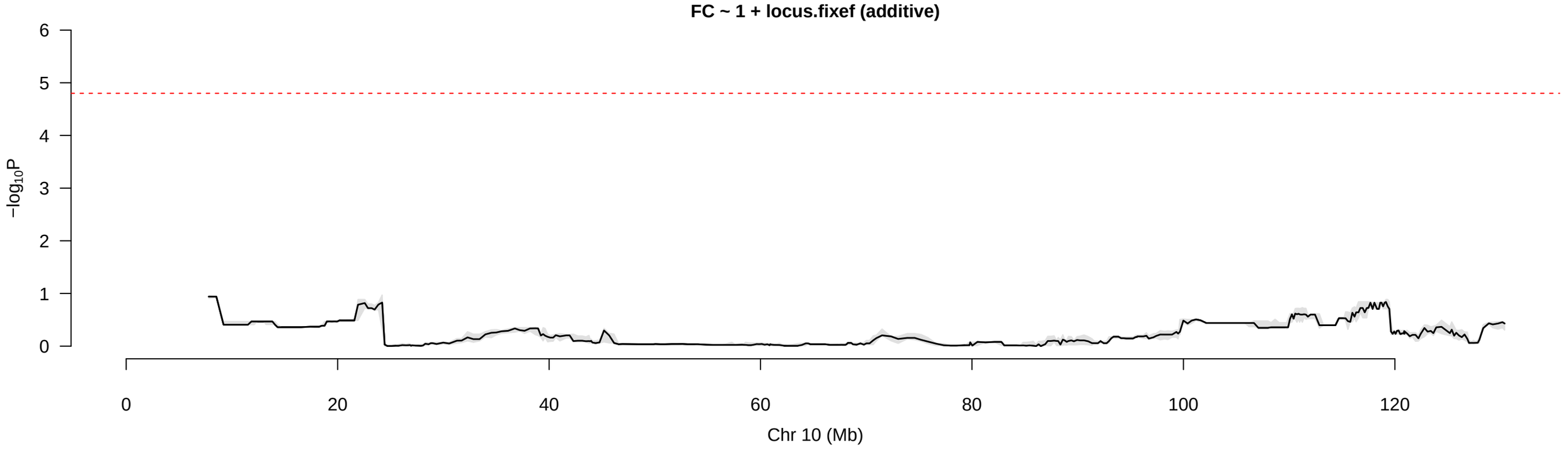

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 5 (Mb)

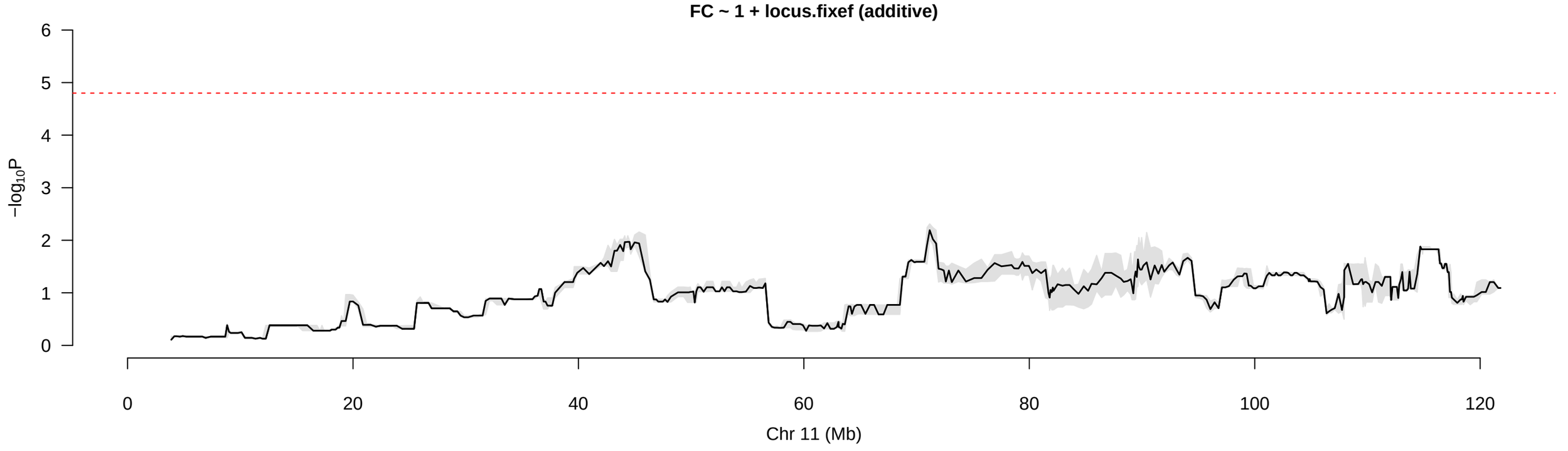

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 6 (Mb)

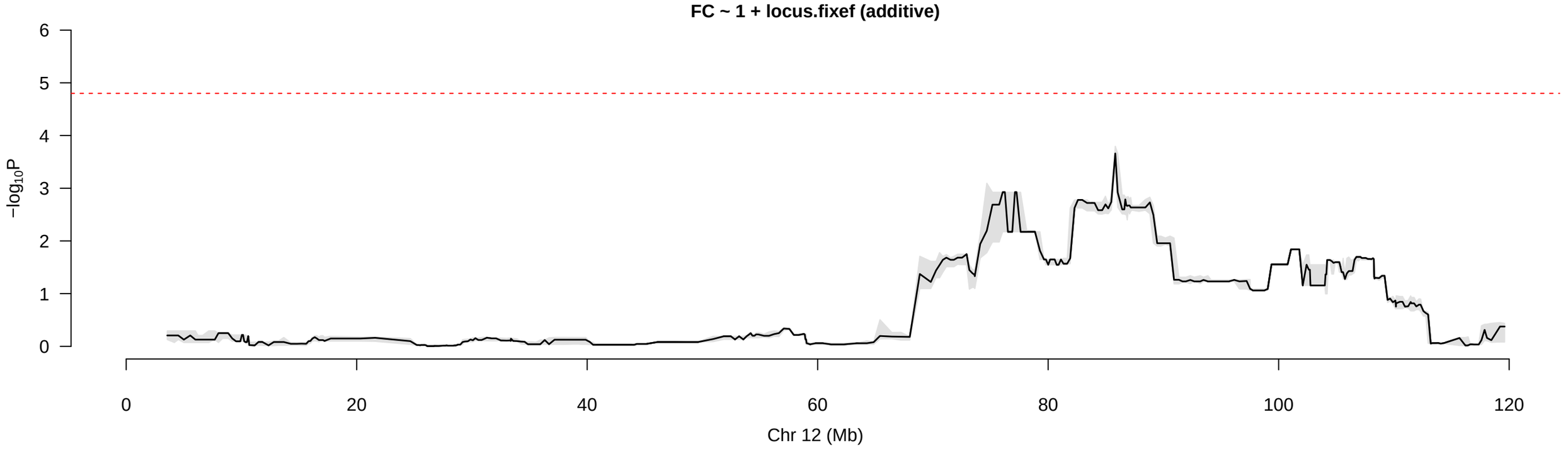

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr 7 (Mb)

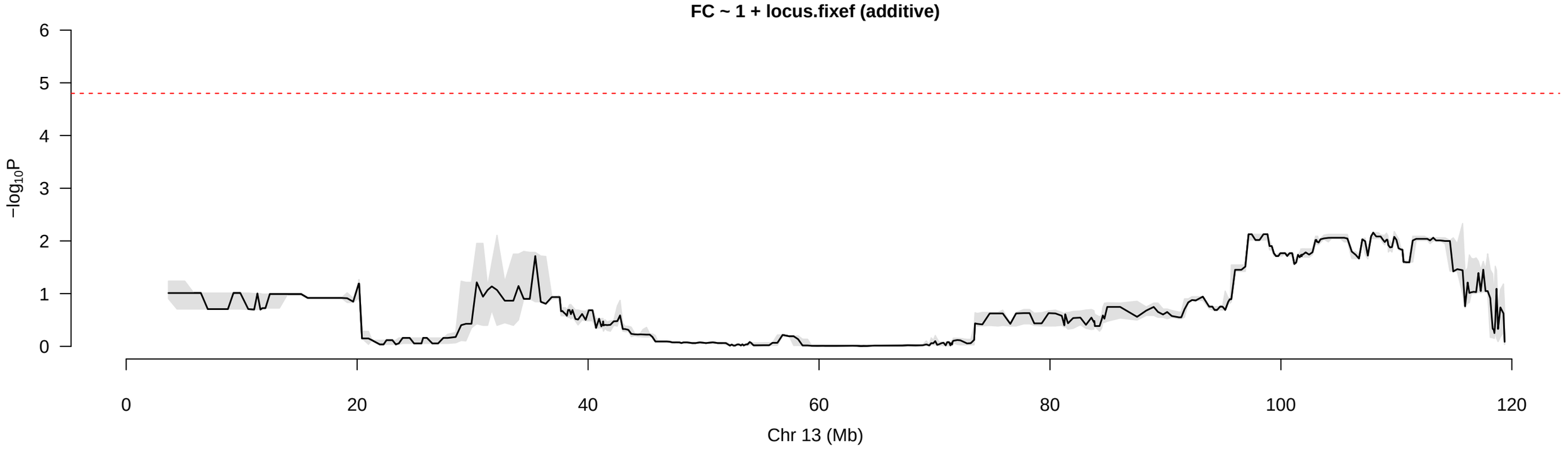

FC ~ 1 + locus.fixef (additive)
−log10P
6
5
4
3
2
1
0
0
20
40
60
80
100
120
Chr 8 (Mb)

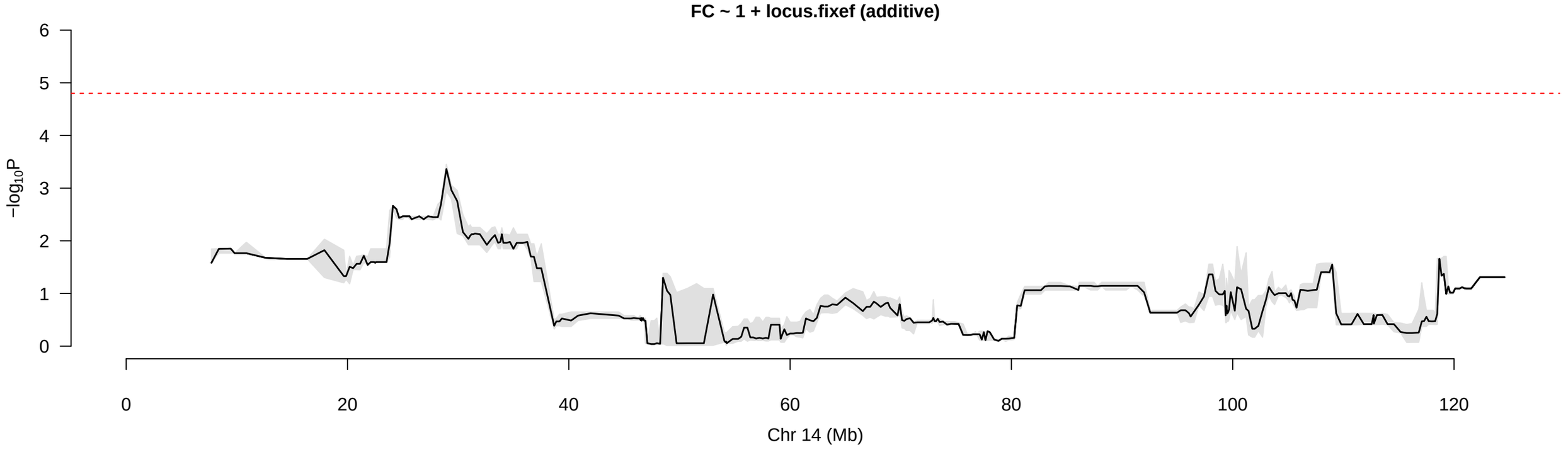

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
120
Chr 9 (Mb)

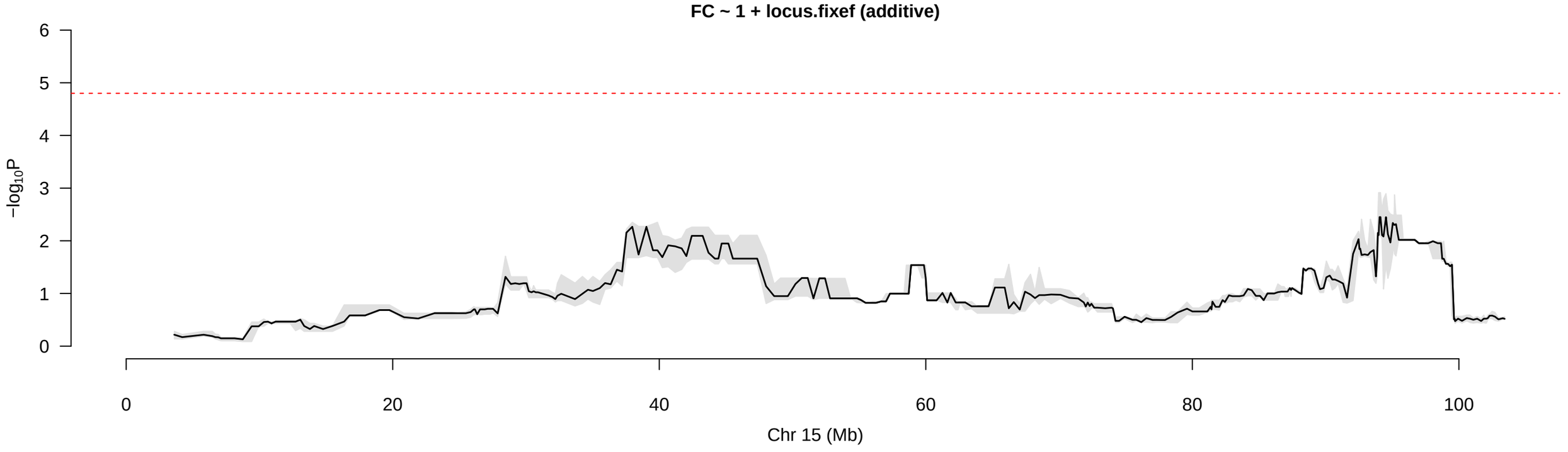

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
120
Chr 10 (Mb)

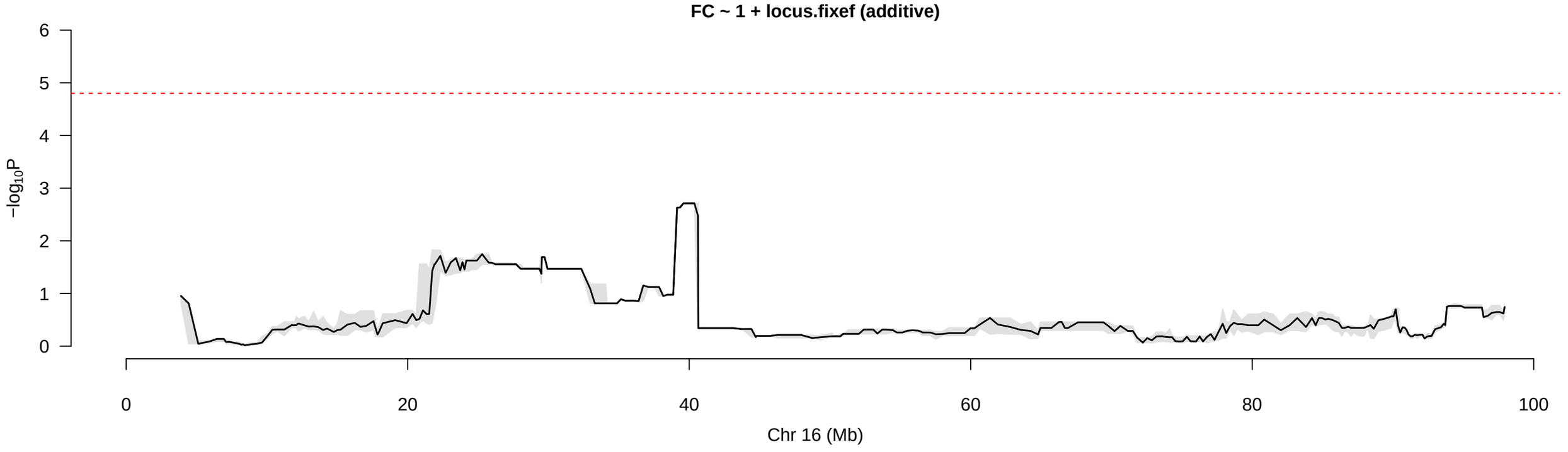

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
120
Chr 11 (Mb)

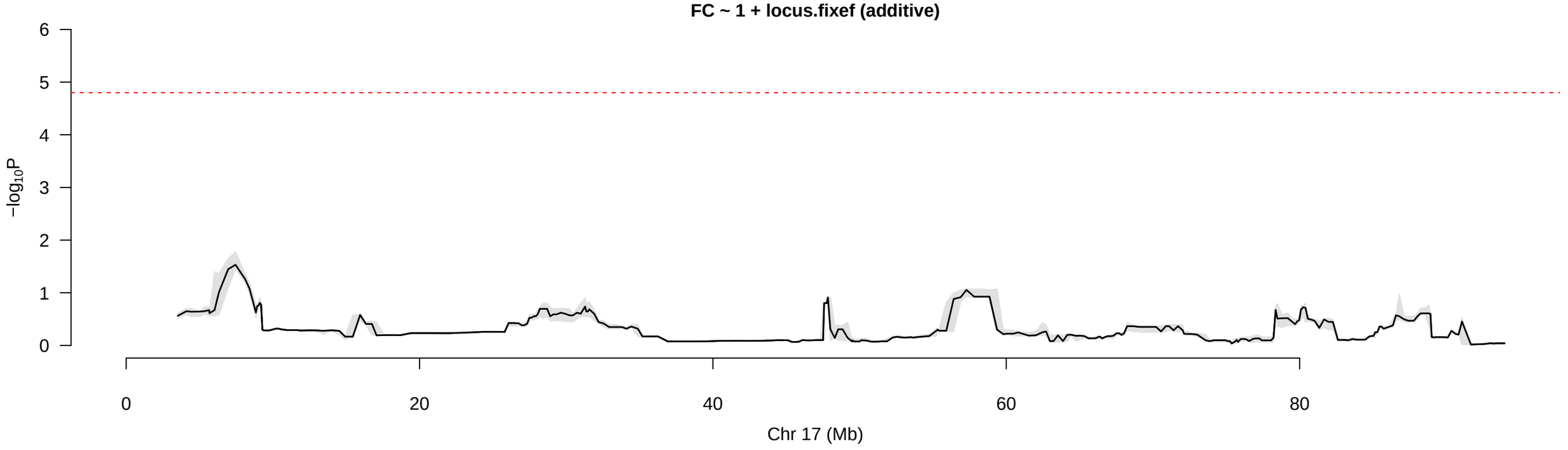

FC ~ 1 + locus.fixef (additive)
−log10P
0
1
2
3
4
5
6
0
20
40
60
80
100
120
Chr 12 (Mb)

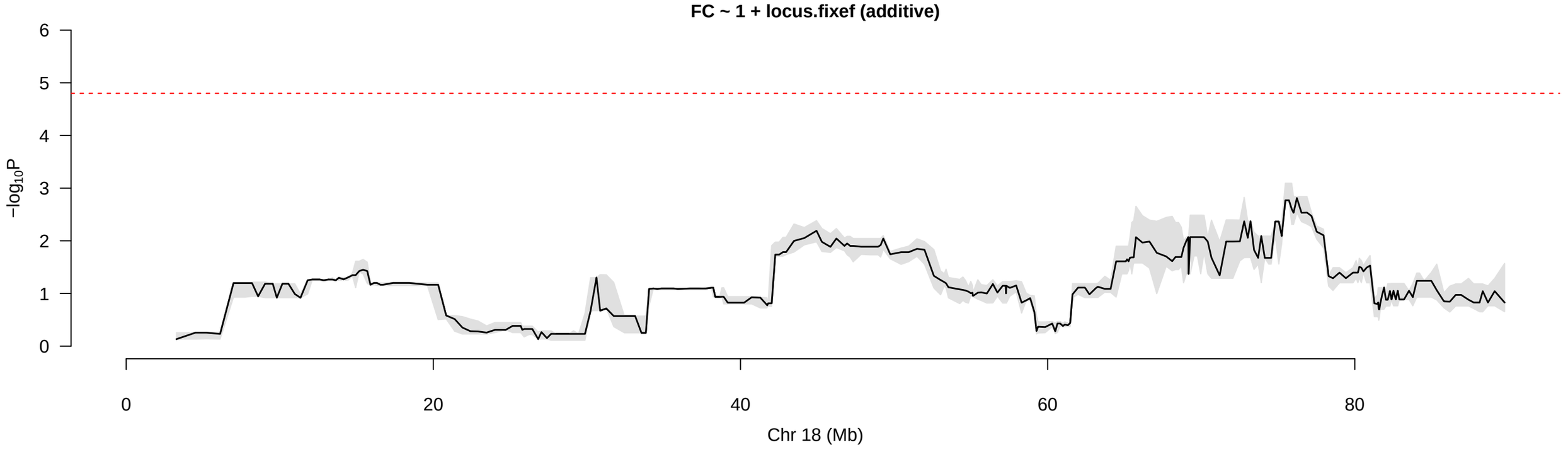

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
120
Chr 13 (Mb)

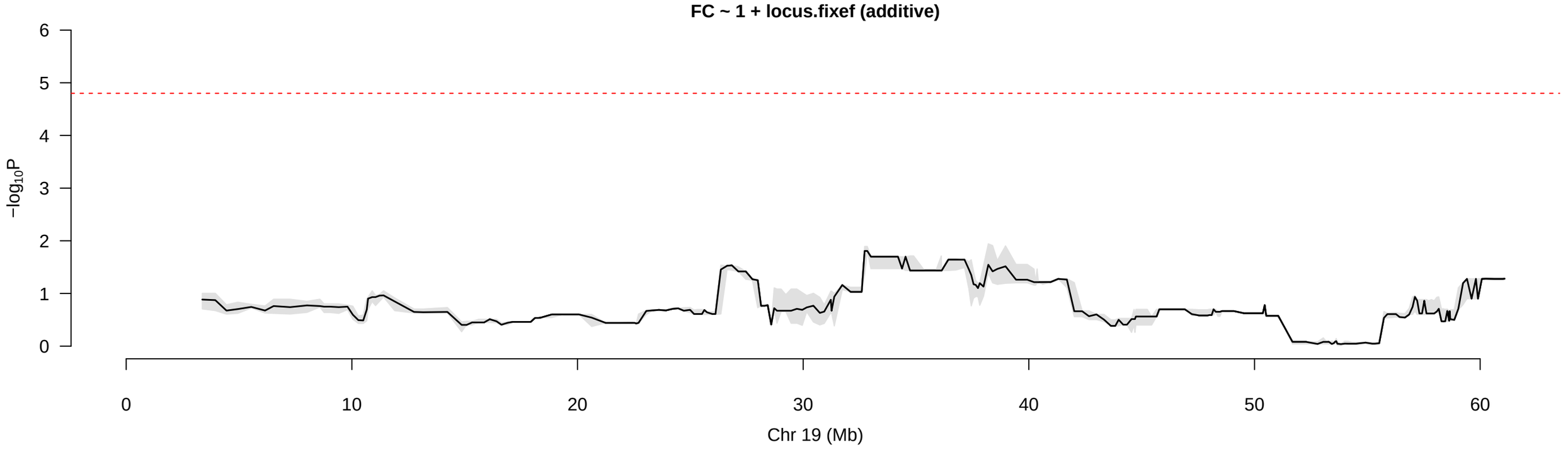

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
120
Chr 14 (Mb)

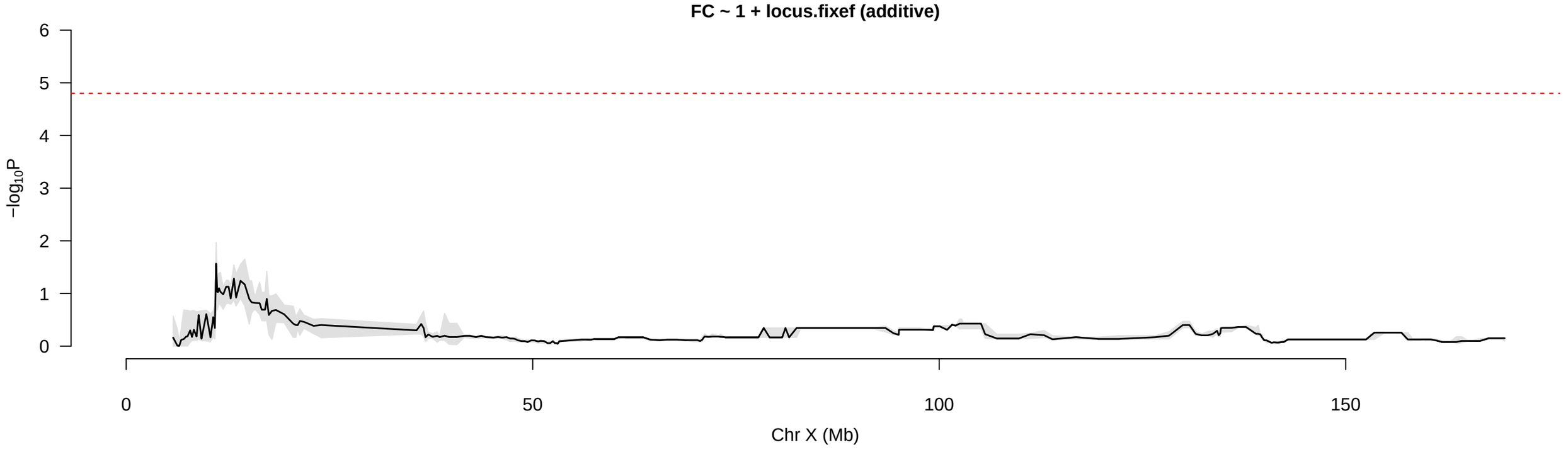

FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
Chr 15 (Mb)


FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
100
Chr 16 (Mb)


FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
Chr 17 (Mb)


FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
20
40
60
80
Chr 18 (Mb)


FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
10
20
30
40
50
60
Chr 19 (Mb)


FC ~ 1 + locus.fixef (additive)
6
5
4
3
2
1
0
−log10P
0
50
100
150
Chr X (Mb)