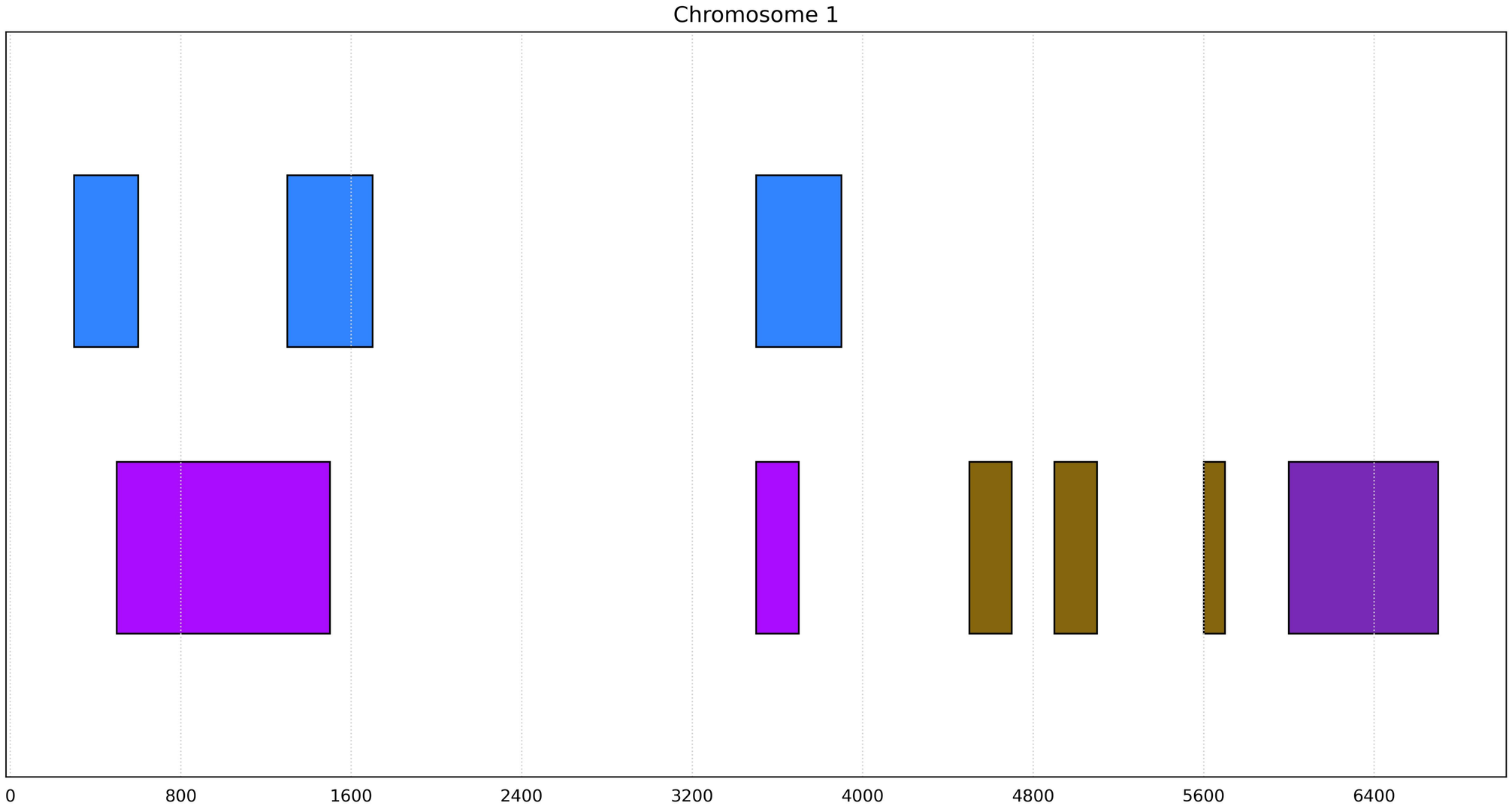
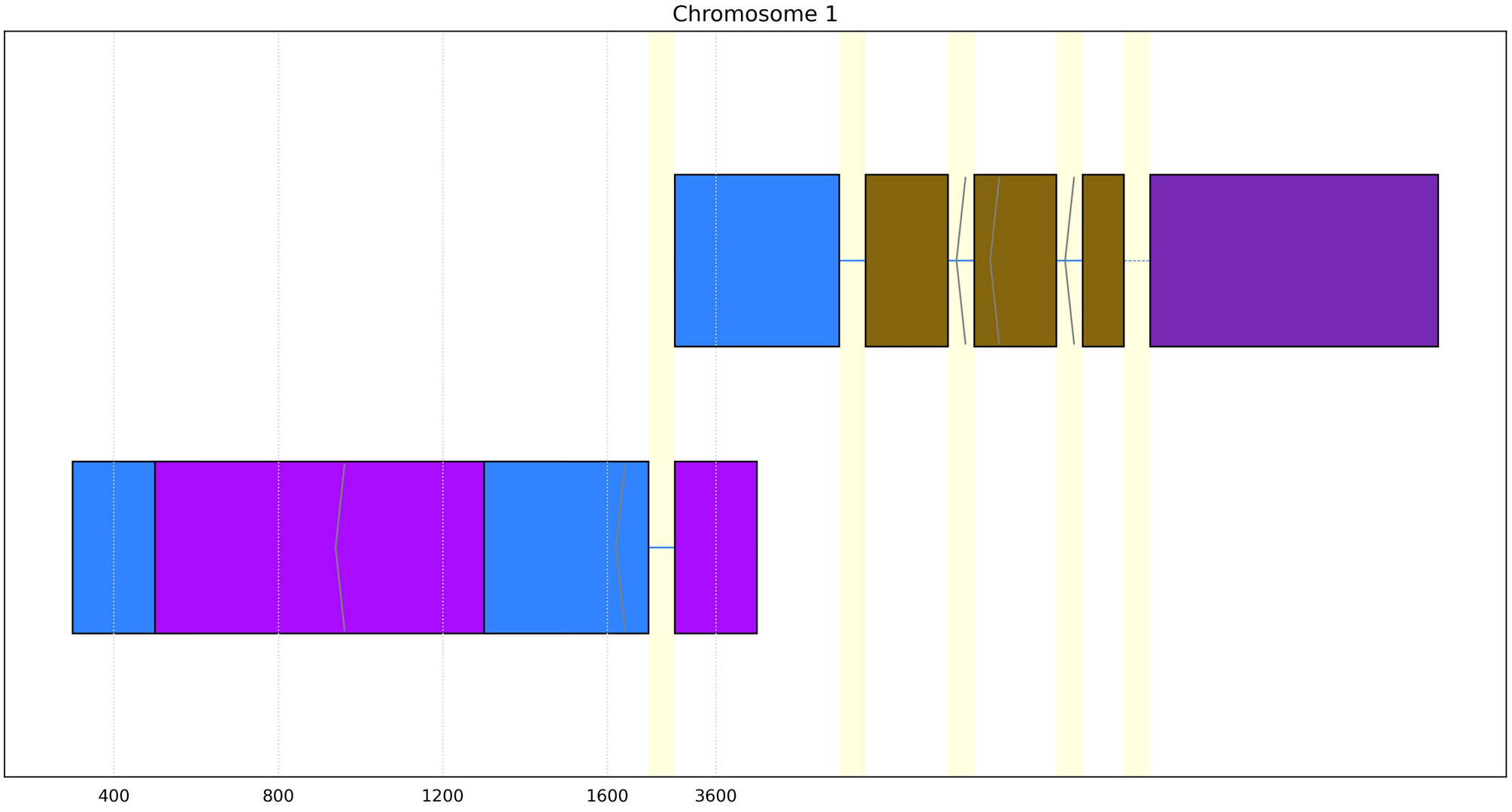
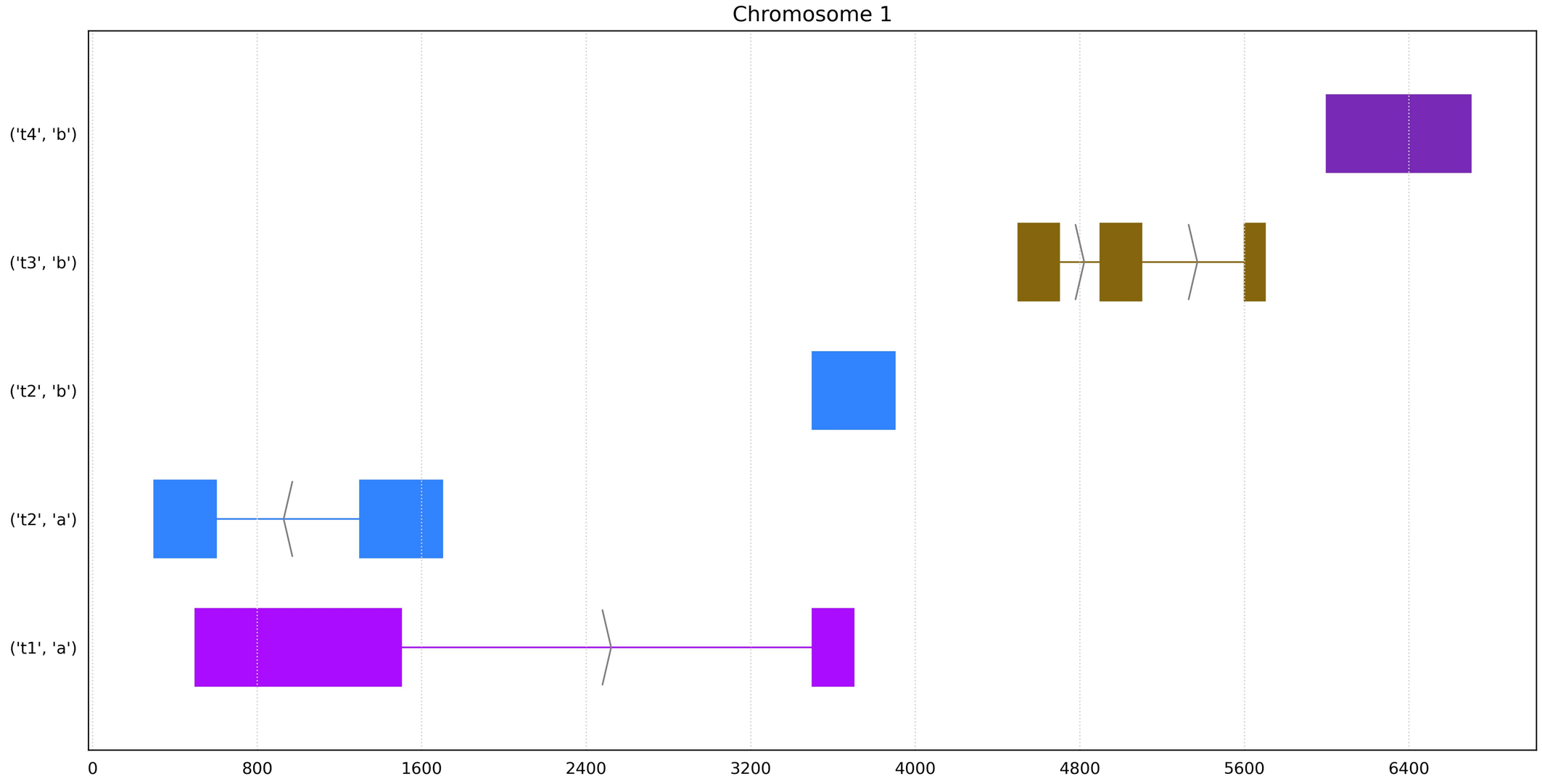
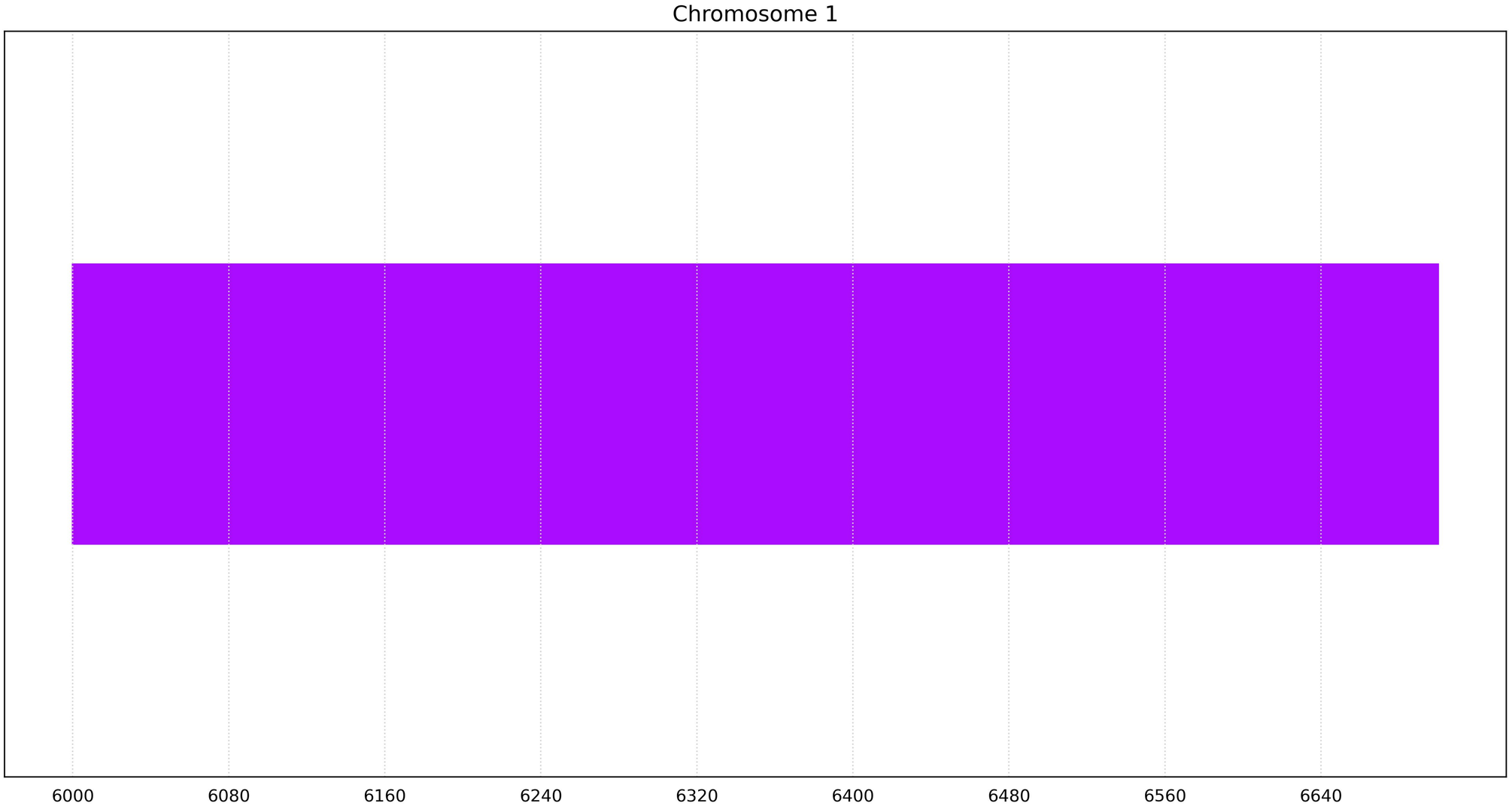
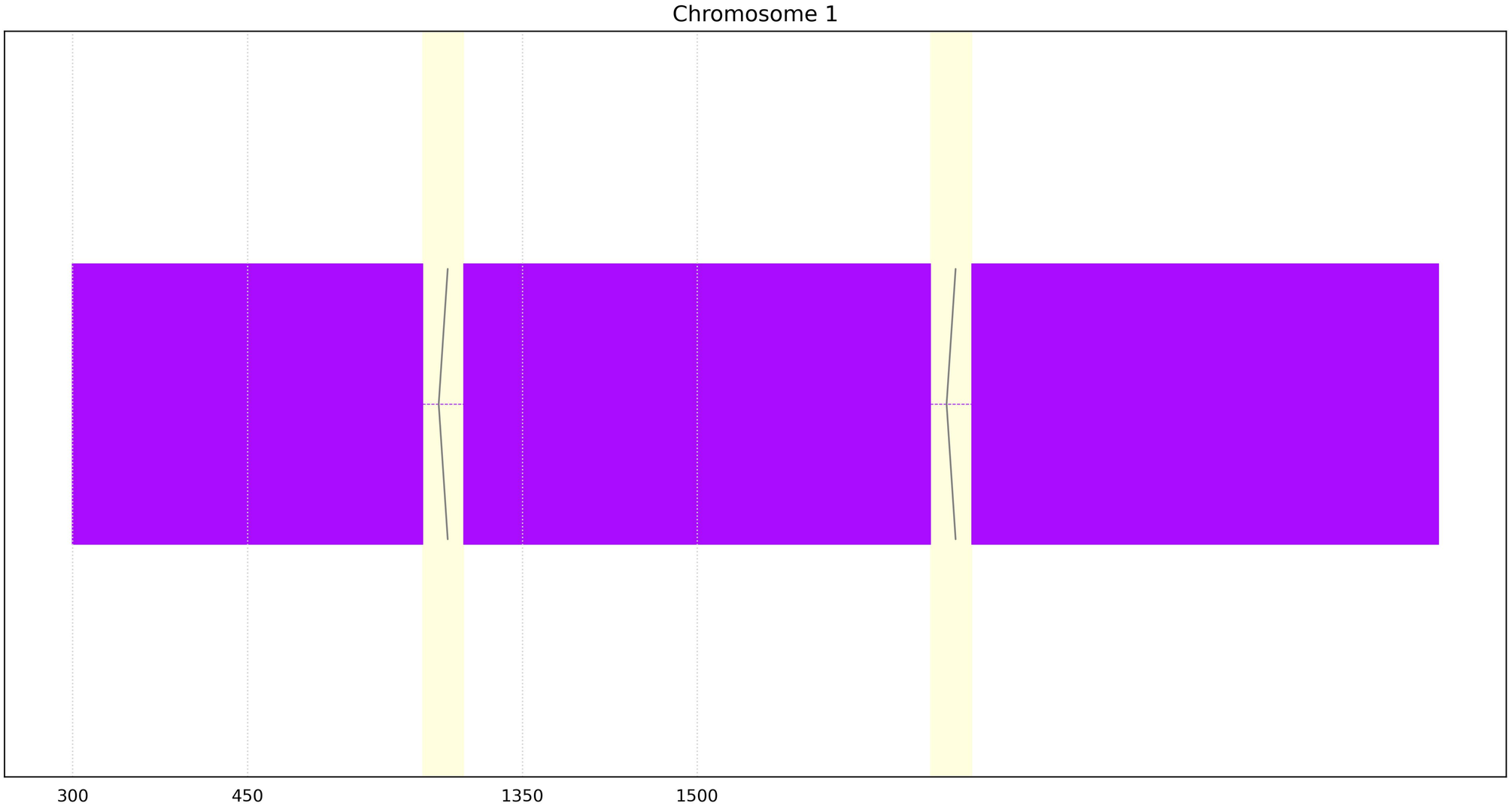
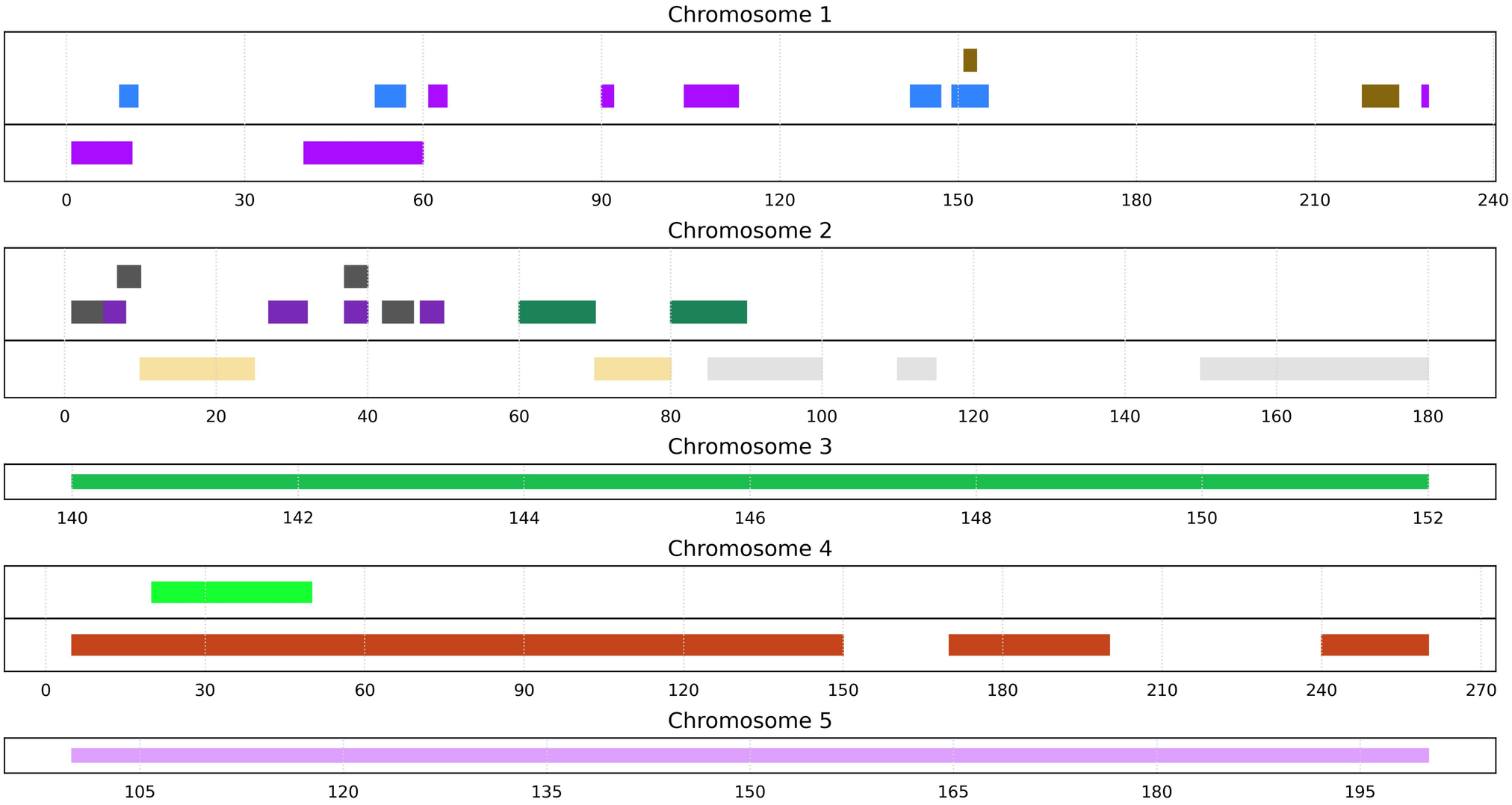

Chromosome 1
0
800
1600
2400
3200
4000
4800
5600
6400

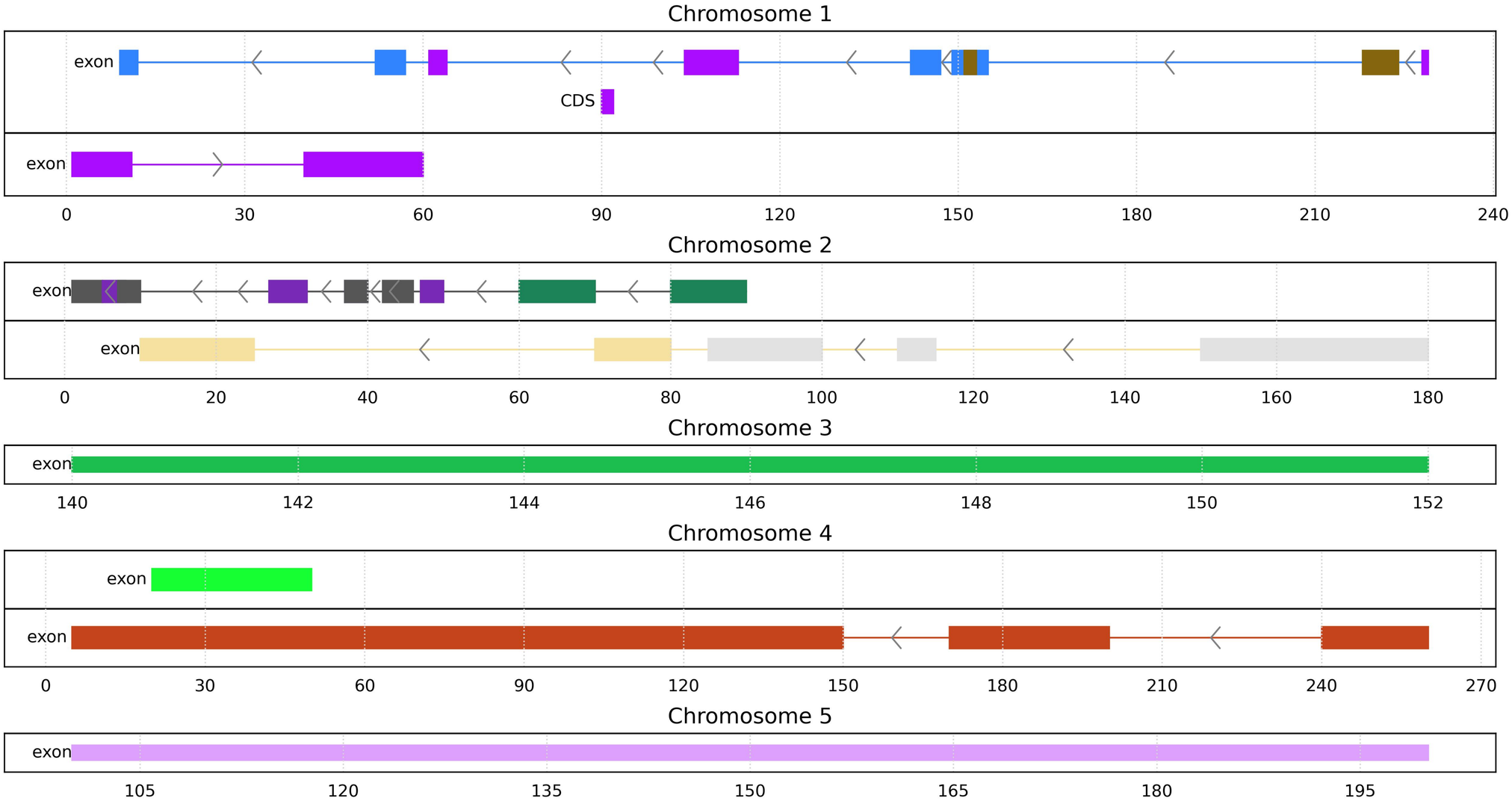

Chromosome 1
400
800
1200
1600
3600

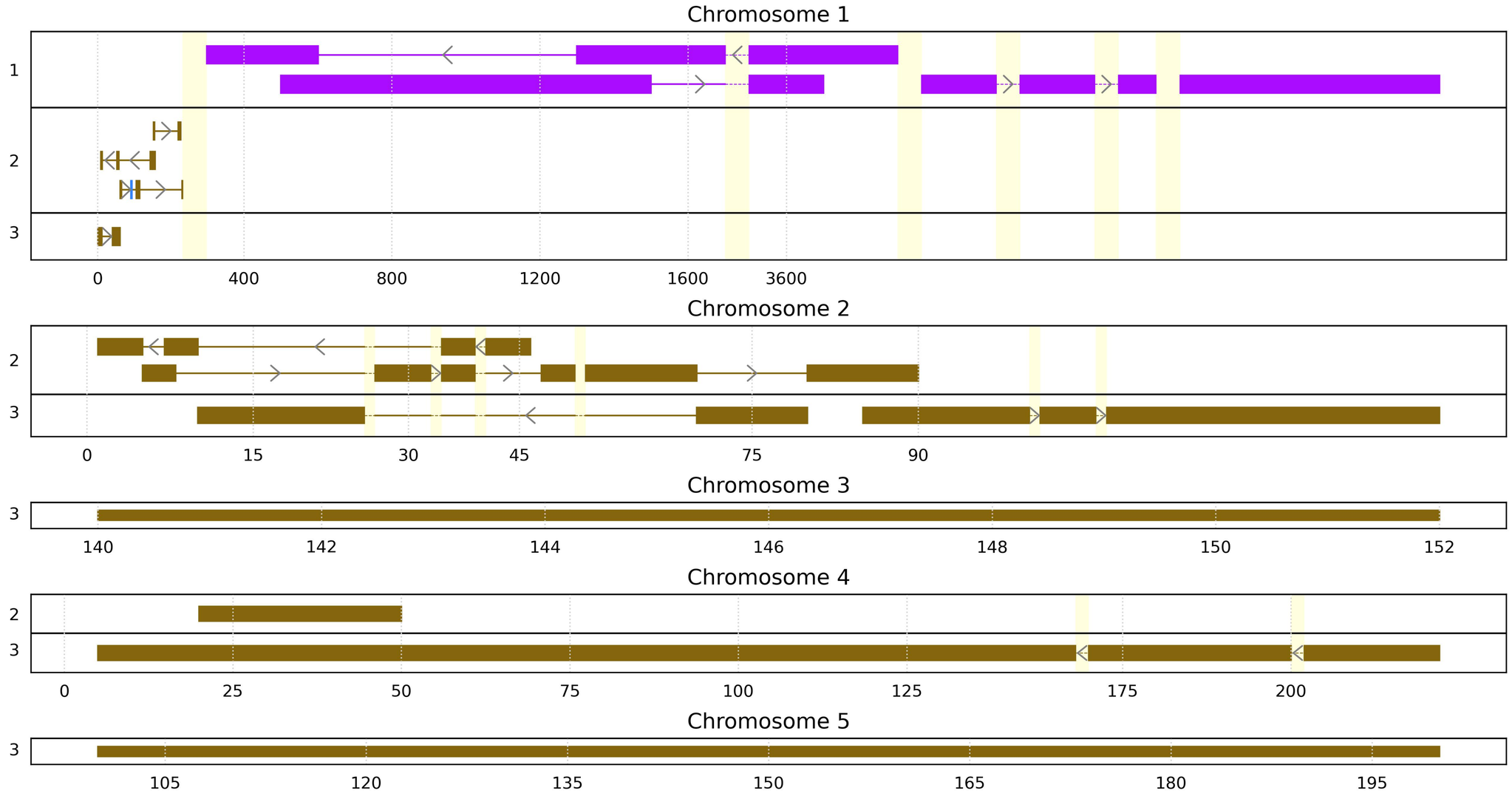

Chromosome 1
('t4', 'b')
('t3', 'b')
('t2', 'b')
('t2', 'a')
('t1', 'a')
0
800
1600
2400
3200
4000
4800
5600
6400

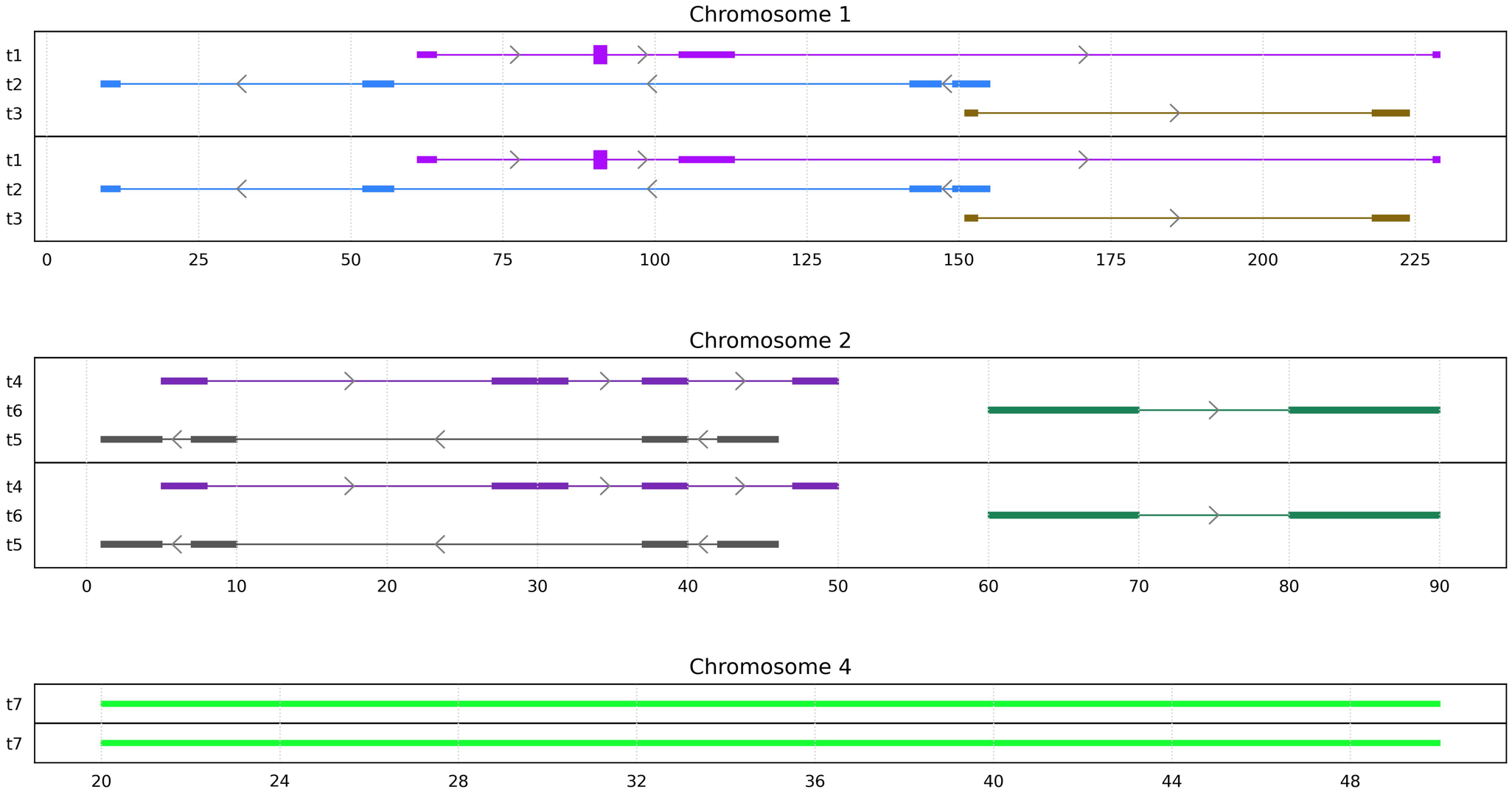

Chromosome 1
6000
6080
6160
6240
6320
6400
6480
6560
6640

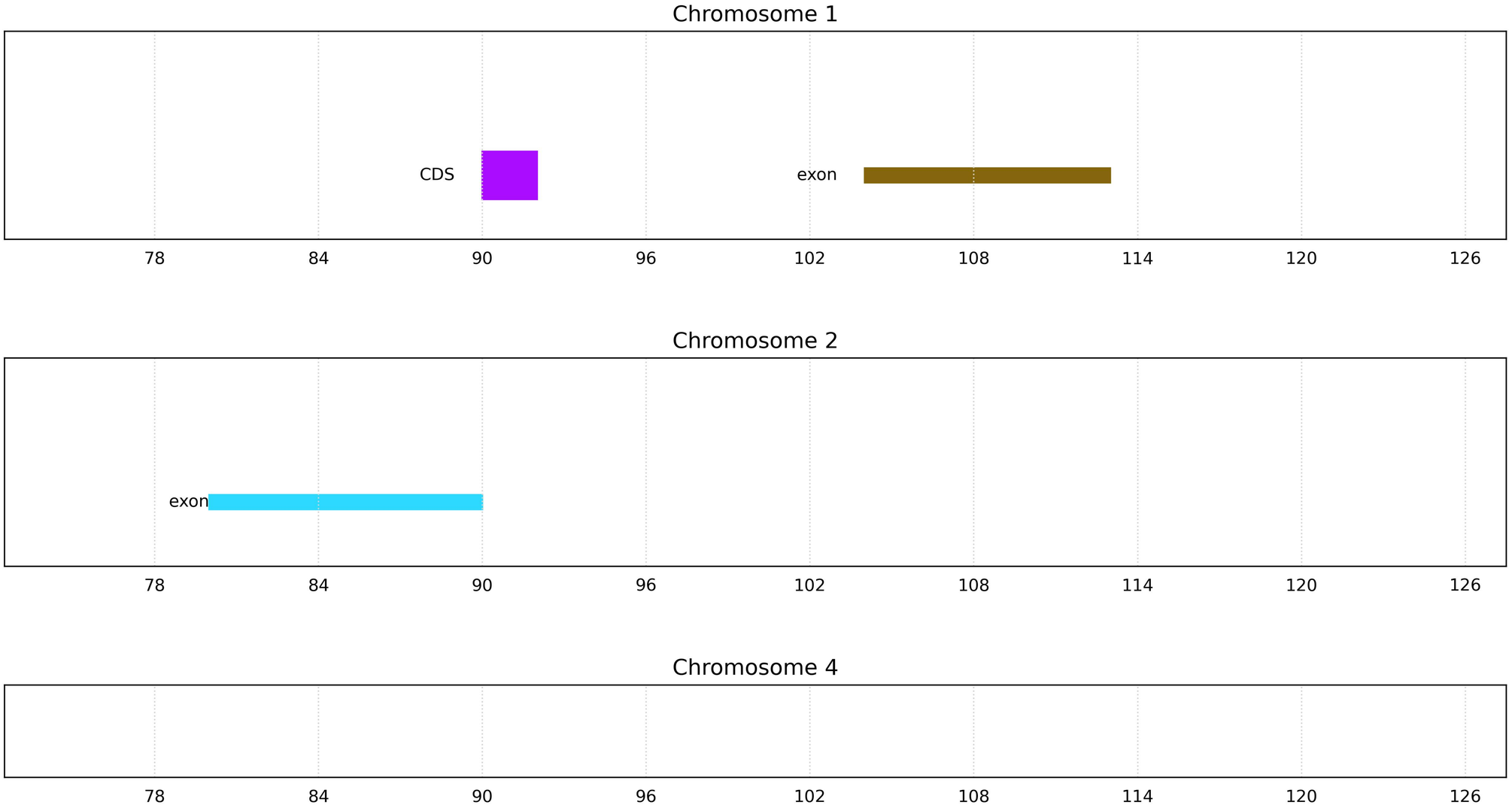

Chromosome 1
300
450
1350
1500

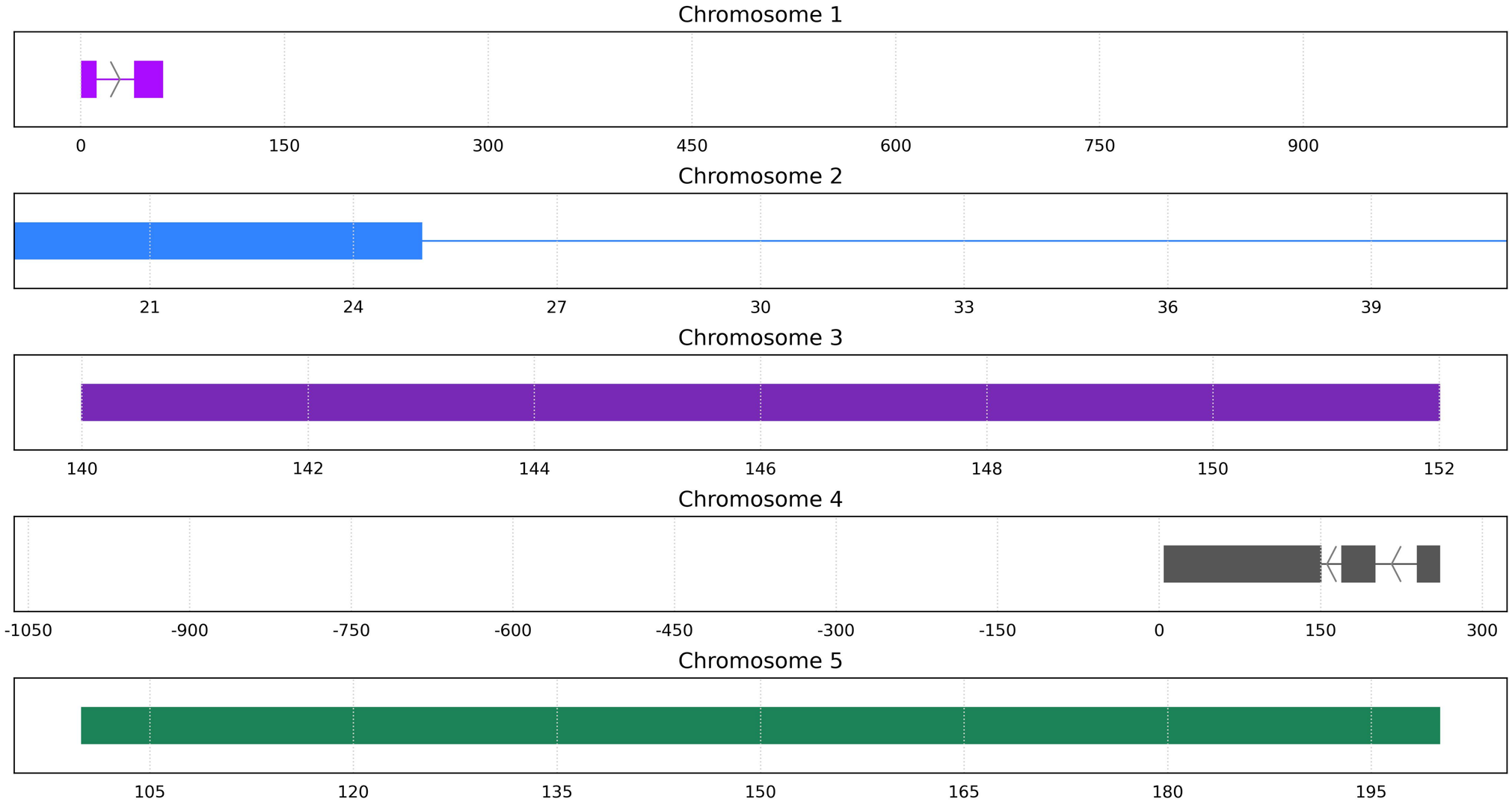

Chromosome 1
0
30
60
90
120
150
180
210
240
Chromosome 2
0
20
40
60
80
100
120
140
160
180
Chromosome 3
140
142
144
146
148
150
152
Chromosome 4
0
30
60
90
120
150
180
210
240
270
Chromosome 5
105
120
135
150
165
180
195

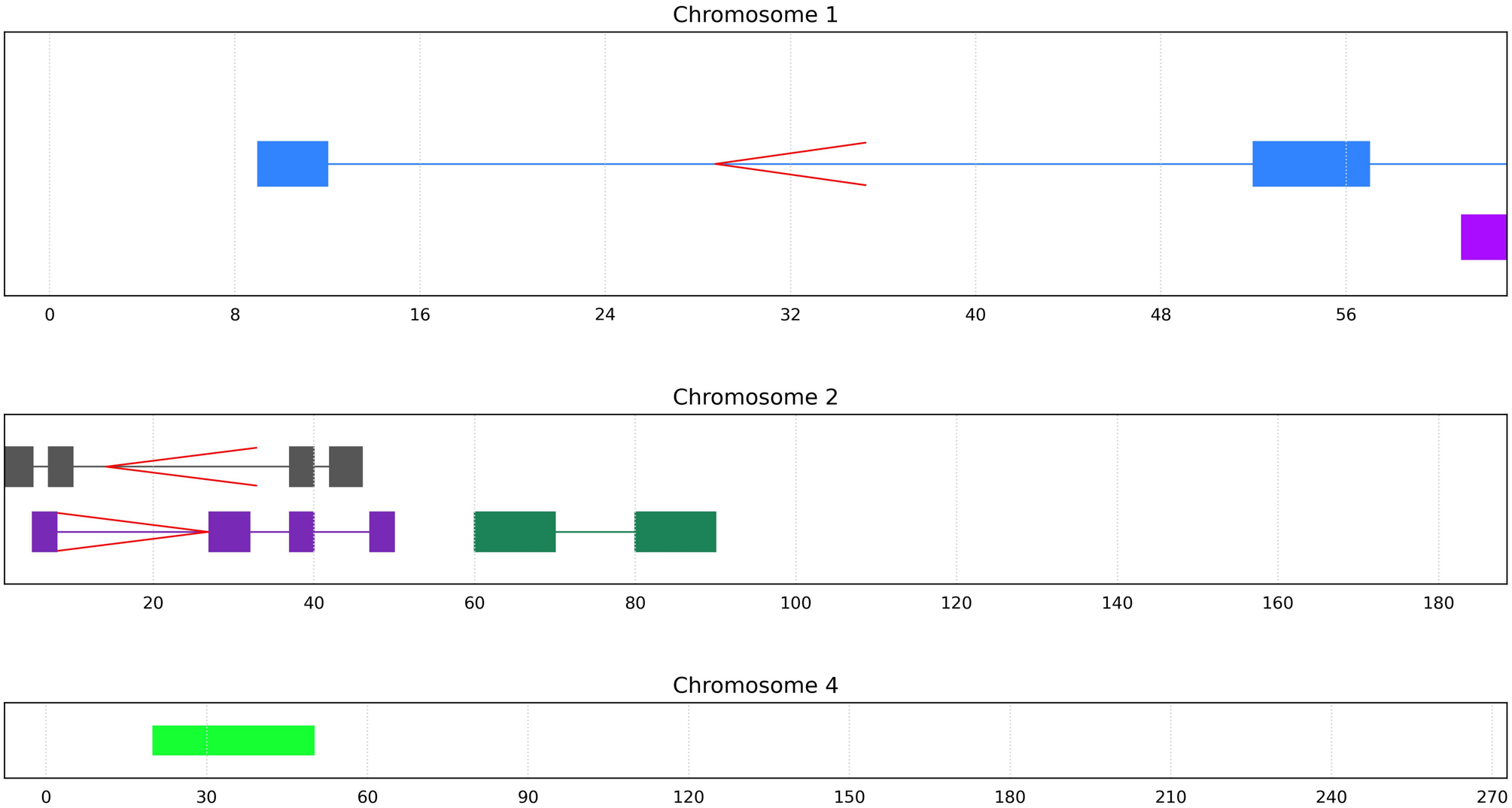

Chromosome 1
exon
CDS
exon
0
30
60
90
120
150
180
210
240
Chromosome 2
exon
exon
0
20
40
60
80
100
120
140
160
180
Chromosome 3
exon
140
142
144
146
148
150
152
Chromosome 4
exon
exon
0
30
60
90
120
150
180
210
240
270
Chromosome 5
exon
105
120
135
150
165
180
195

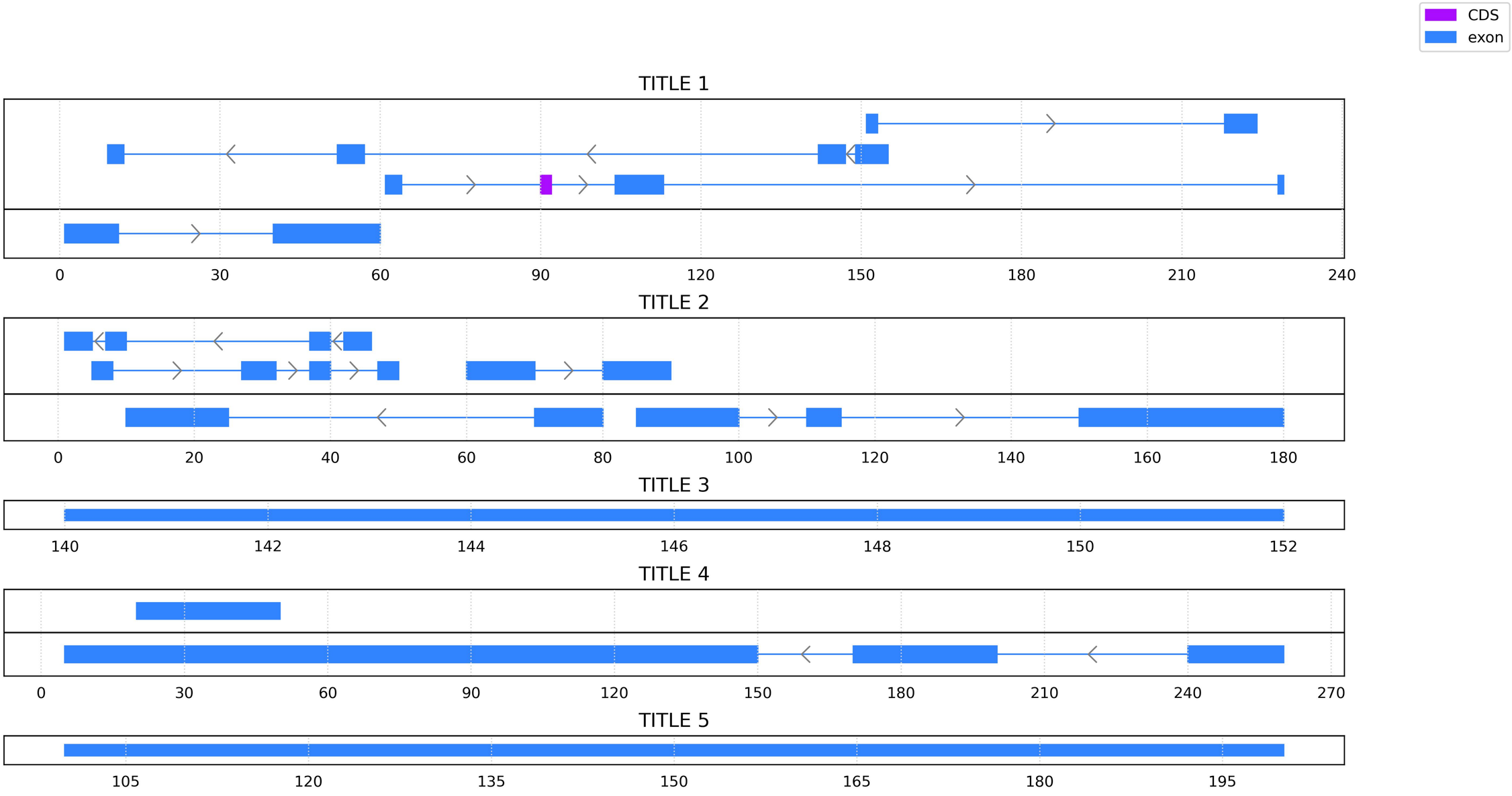

Chromosome 1
1
2
3
0
400
800
1200
1600
3600
Chromosome 2
2
3
0
15
30
45
75
90
Chromosome 3
3
140
142
144
146
148
150
152
Chromosome 4
2
3
0
25
50
75
100
125
175
200
Chromosome 5
3
105
120
135
150
165
180
195


Chromosome 1
t1
t2
t3
t1
t2
t3
0
25
50
75
100
125
150
175
200
225
Chromosome 2
t4
t6
t5
t4
t6
t5
0
10
20
30
40
50
60
70
80
90
Chromosome 4
t7
t7
20
24
28
32
36
40
44
48

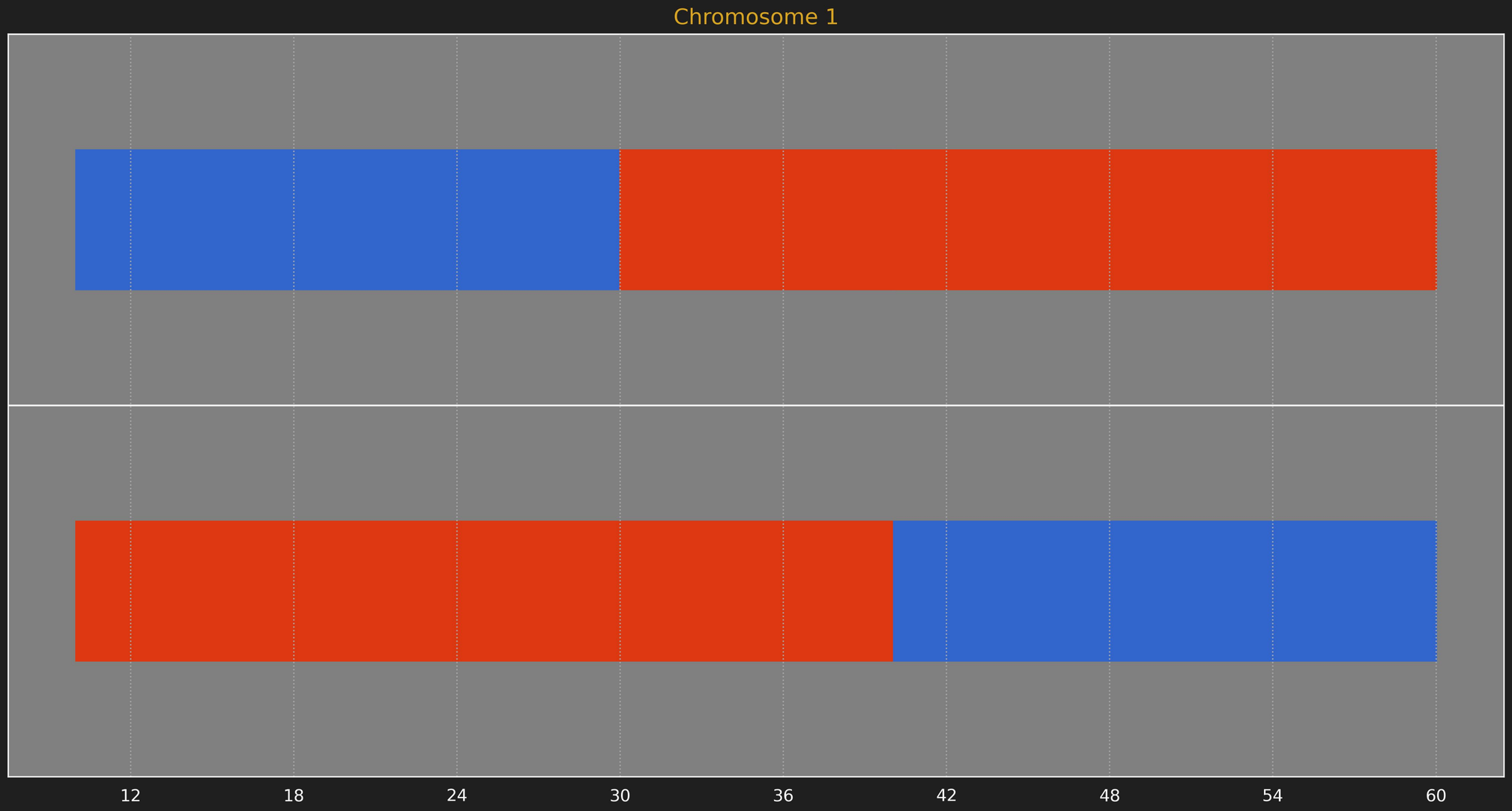

Chromosome 1
CDS
exon
78
84
90
96
102
108
114
120
126
Chromosome 2
exon
78
84
90
96
102
108
114
120
126
Chromosome 4
78
84
90
96
102
108
114
120
126

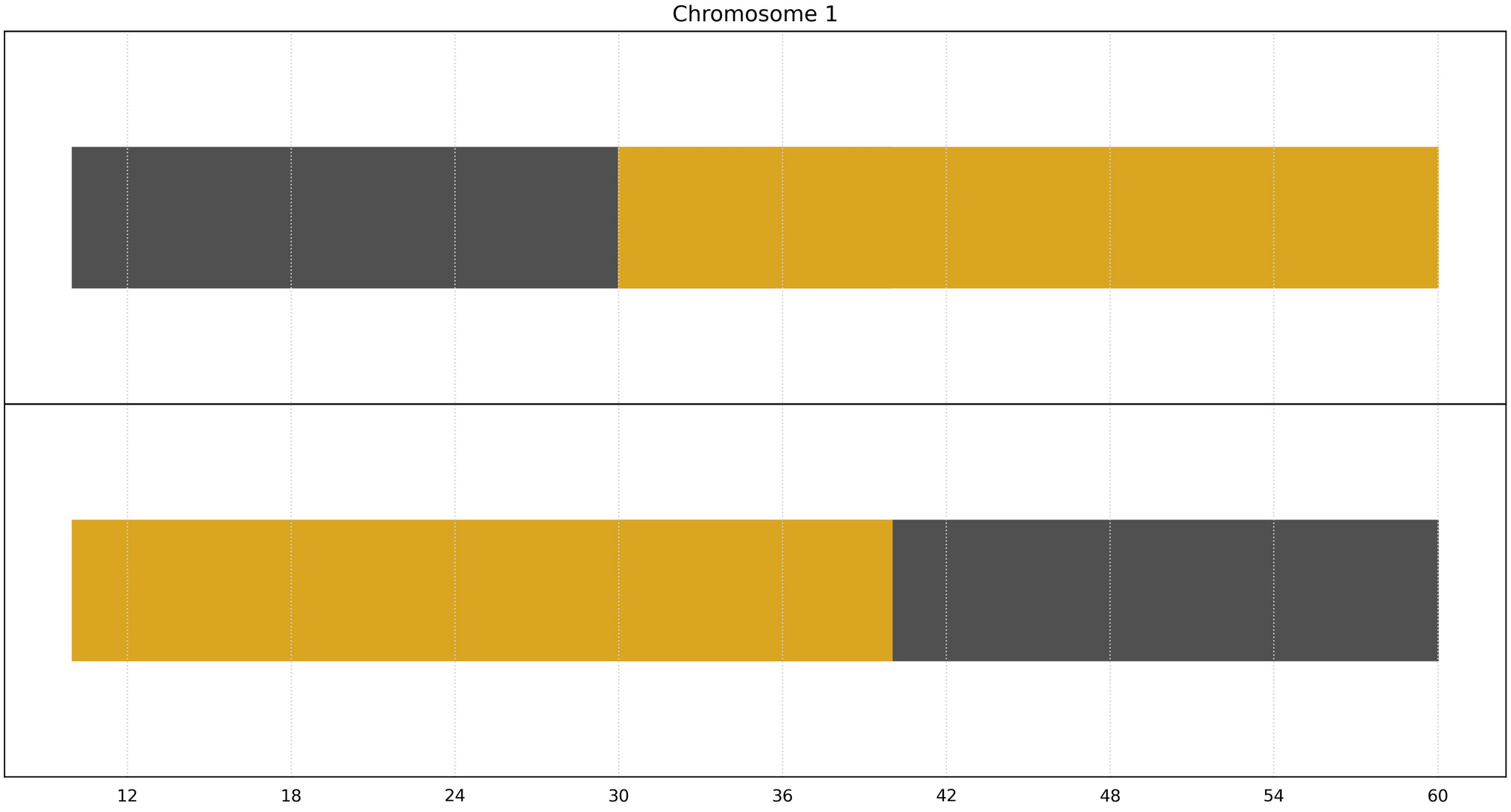

Chromosome 1
0
150
300
450
600
750
900
Chromosome 2
21
24
27
30
33
36
39
Chromosome 3
140
142
144
146
148
150
152
Chromosome 4
-1050
-900
-750
-600
-450
-300
-150
0
150
300
Chromosome 5
105
120
135
150
165
180
195


Chromosome 1
0
8
16
24
32
40
48
56
Chromosome 2
20
40
60
80
100
120
140
160
180
Chromosome 4
0
30
60
90
120
150
180
210
240
270


CDS
exon
TITLE 1
0
30
60
90
120
150
180
210
240
TITLE 2
0
20
40
60
80
100
120
140
160
180
TITLE 3
140
142
144
146
148
150
152
TITLE 4
0
30
60
90
120
150
180
210
240
270
TITLE 5
105
120
135
150
165
180
195

Chromosome 1
12
18
24
30
36
42
48
54
60


Chromosome 1
12
18
24
30
36
42
48
54
60


Chromosome 1
12
18
24
30
36
42
48
54
60