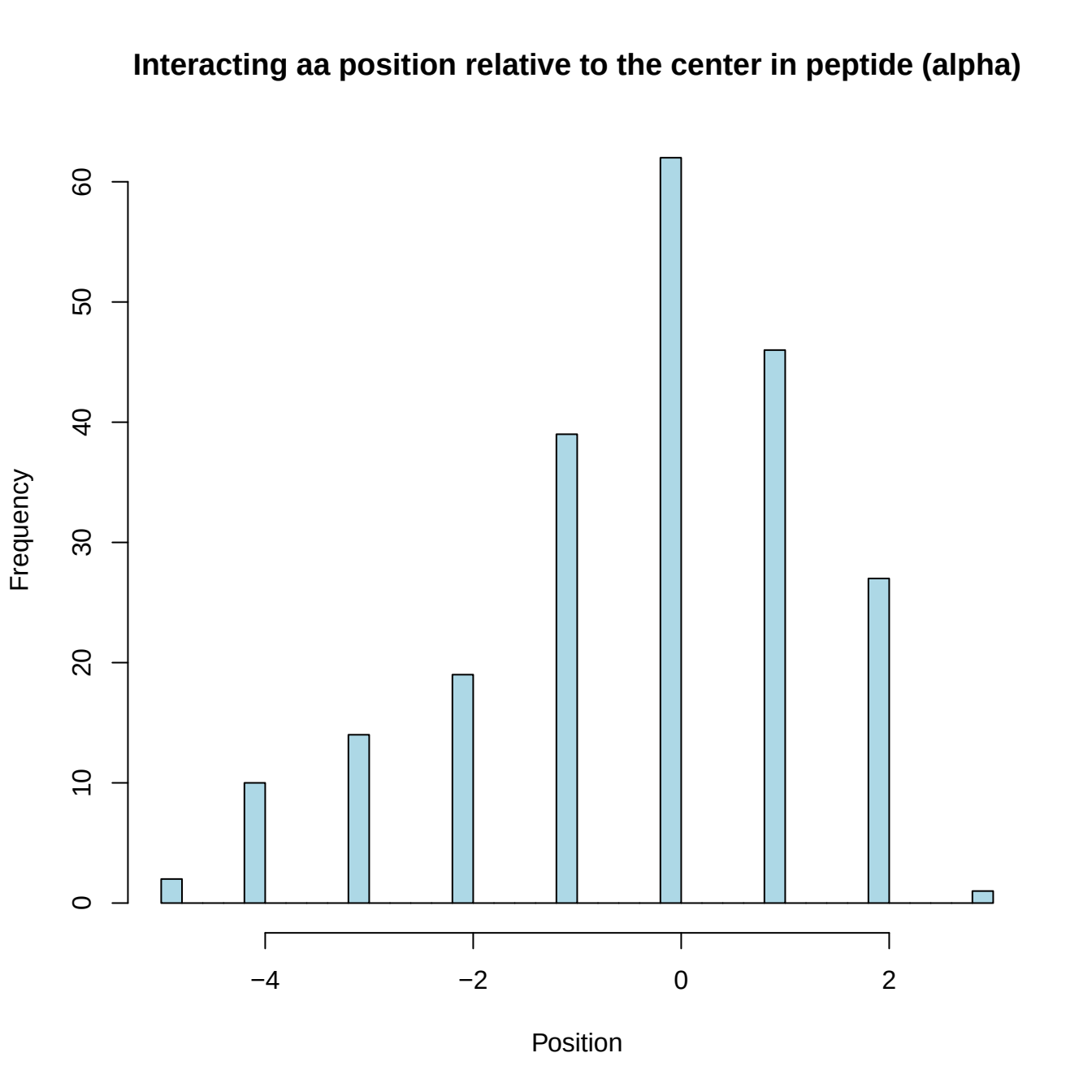
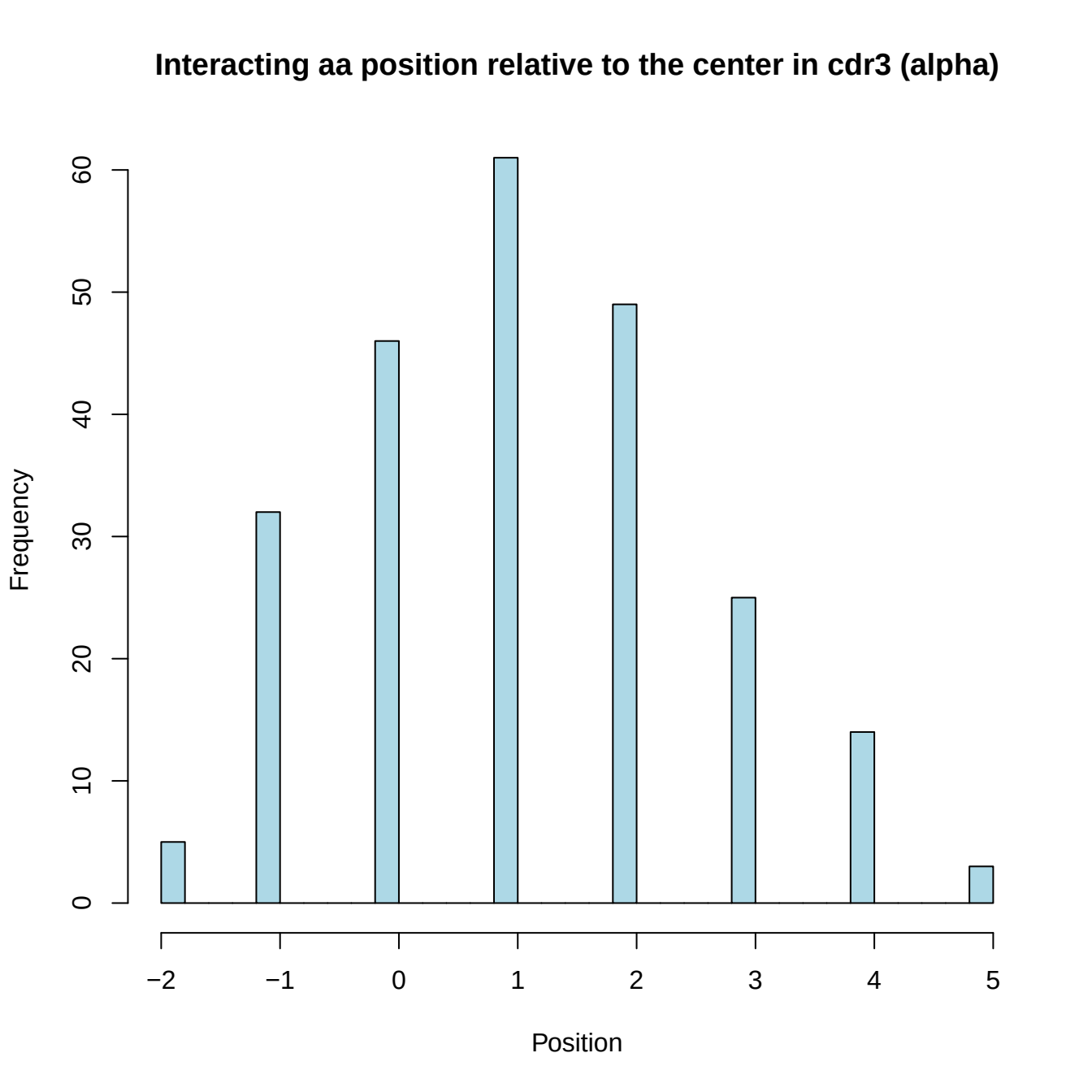
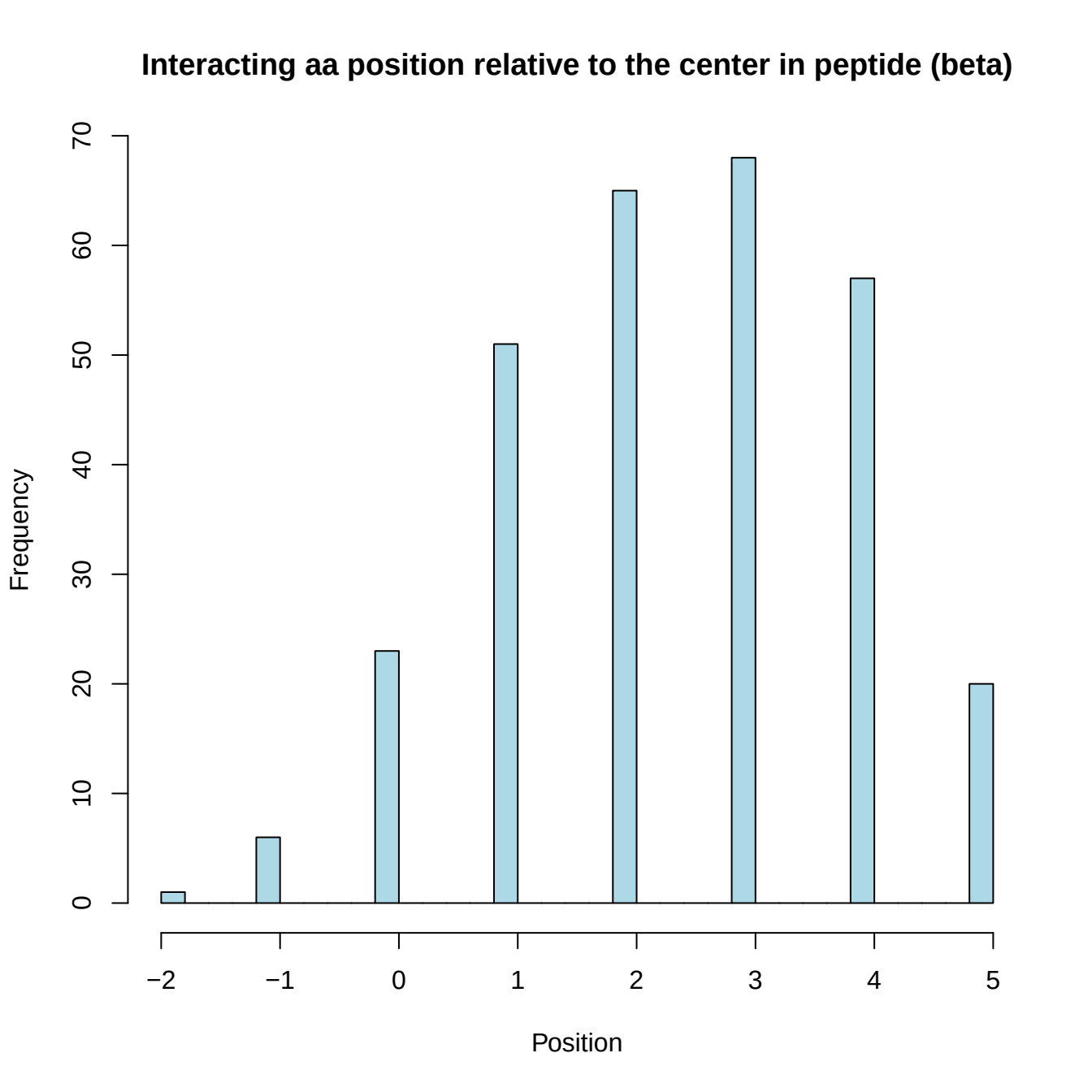
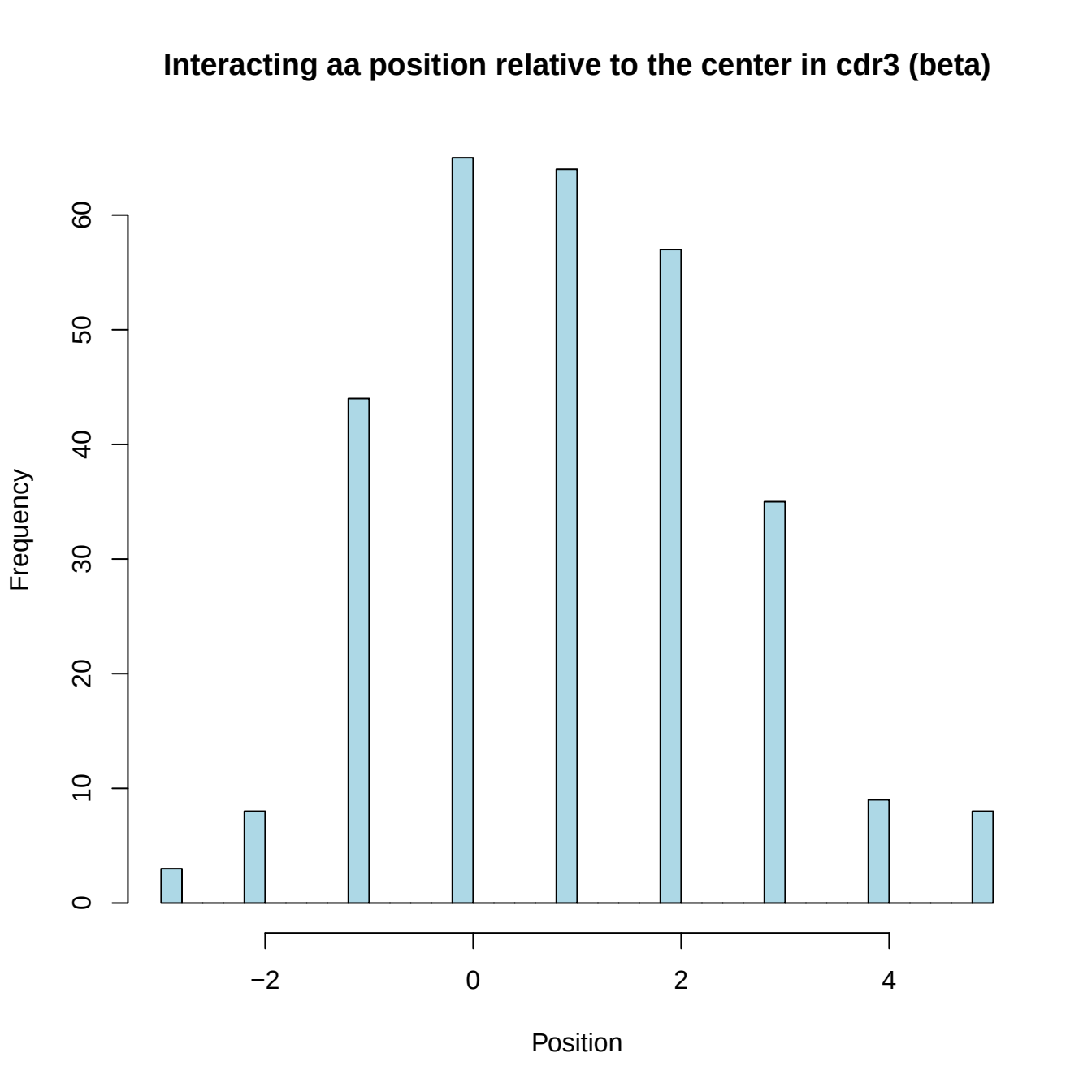
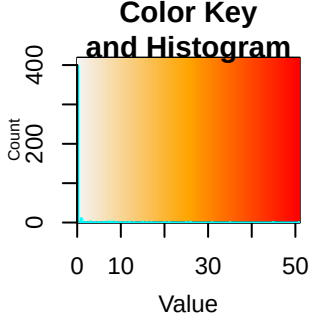

Interacting aa position relative to the center in peptide (alpha)
Frequency
0
10
20
30
40
50
60
−4
−2
0
2
Position

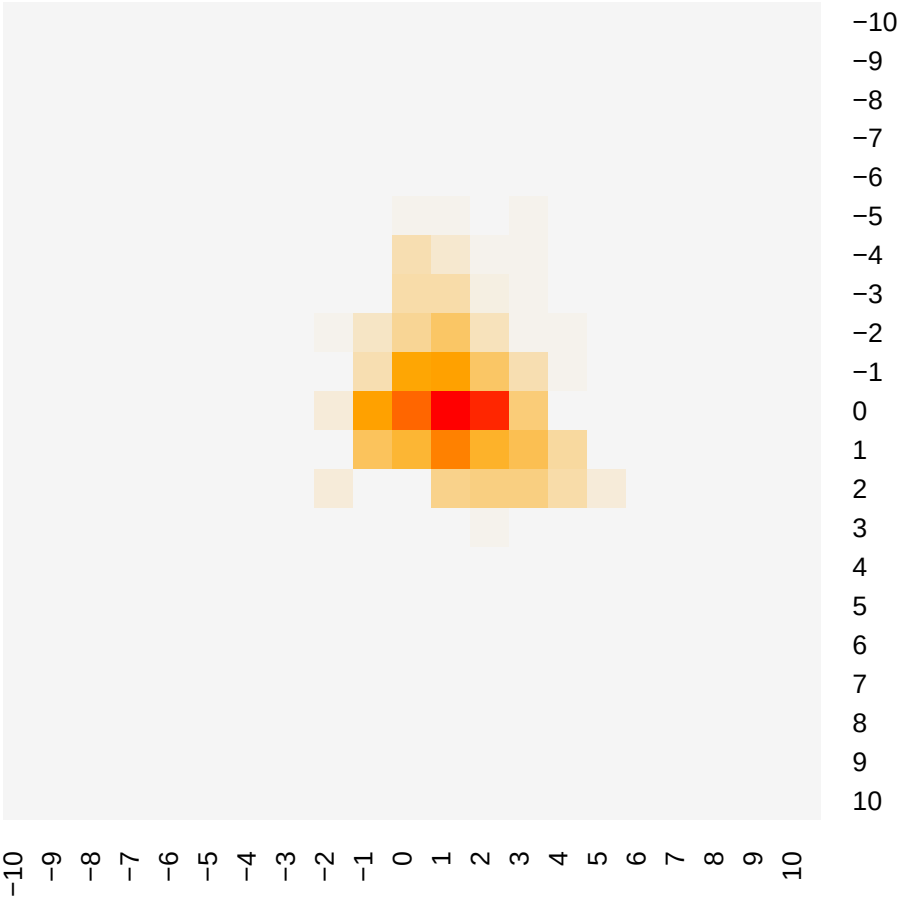

Interacting aa position relative to the center in cdr3 (alpha)
Frequency
0
10
20
30
40
50
60
−2
−1
0
1
2
3
4
5
Position

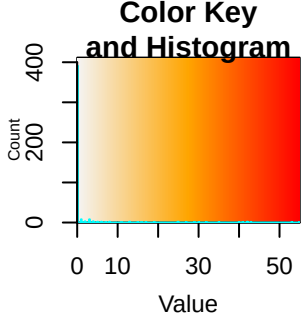

Interacting aa position relative to the center in peptide (beta)
Frequency
0
10
20
30
40
50
60
70
−2
−1
0
1
2
3
4
5
Position


Interacting aa position relative to the center in cdr3 (beta)
Frequency
0
10
20
30
40
50
60
−2
0
2
4
Position

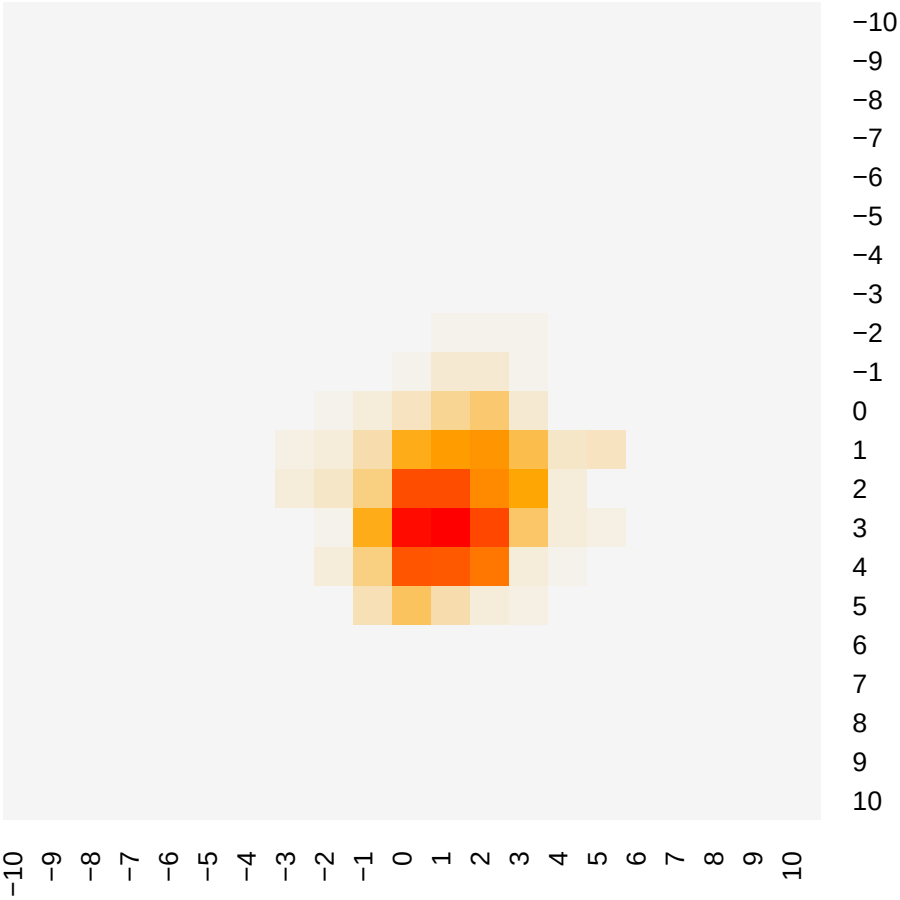


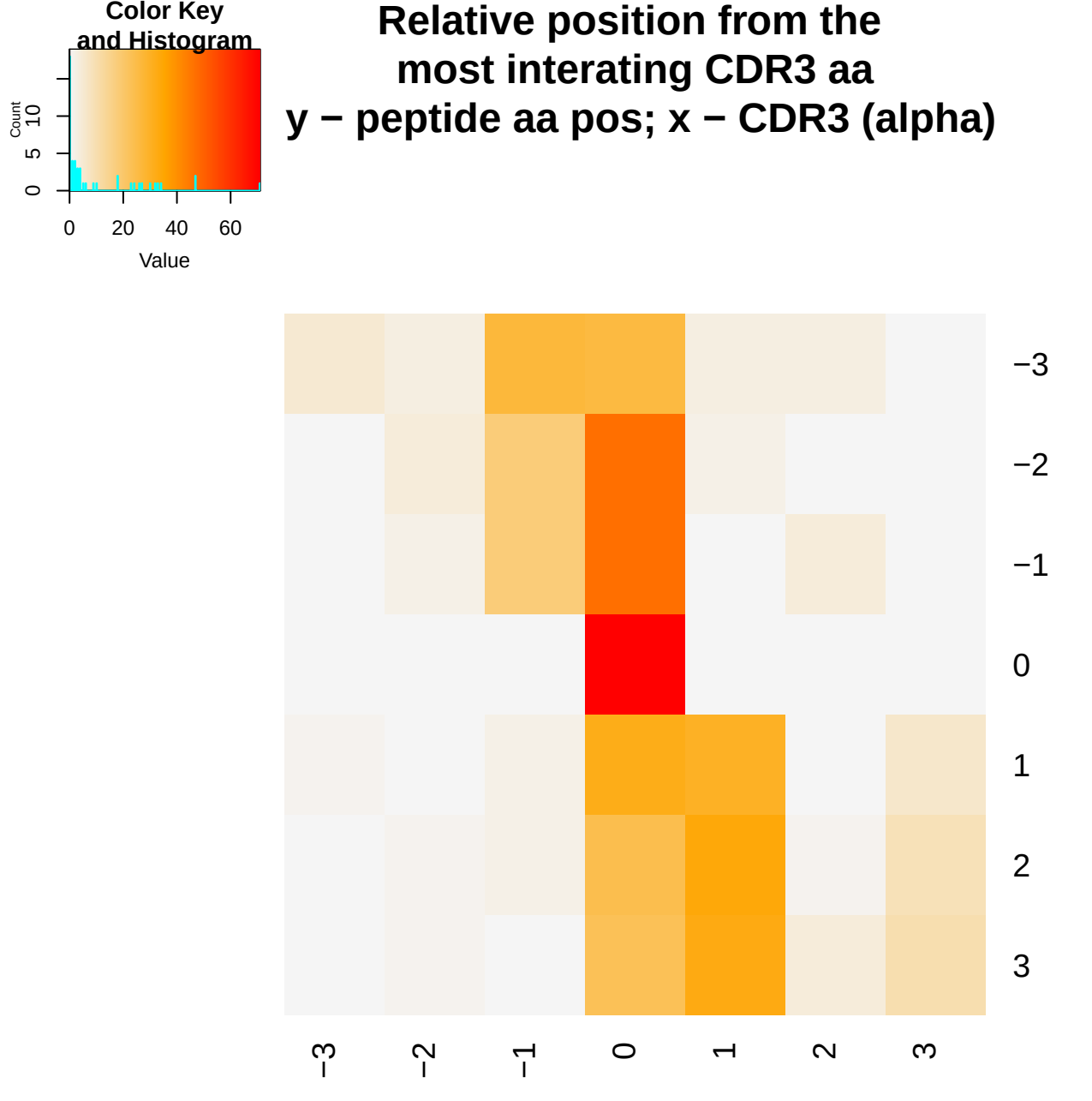
y − relative aa peptide position
x − relative aa CDR3 position (alpha)

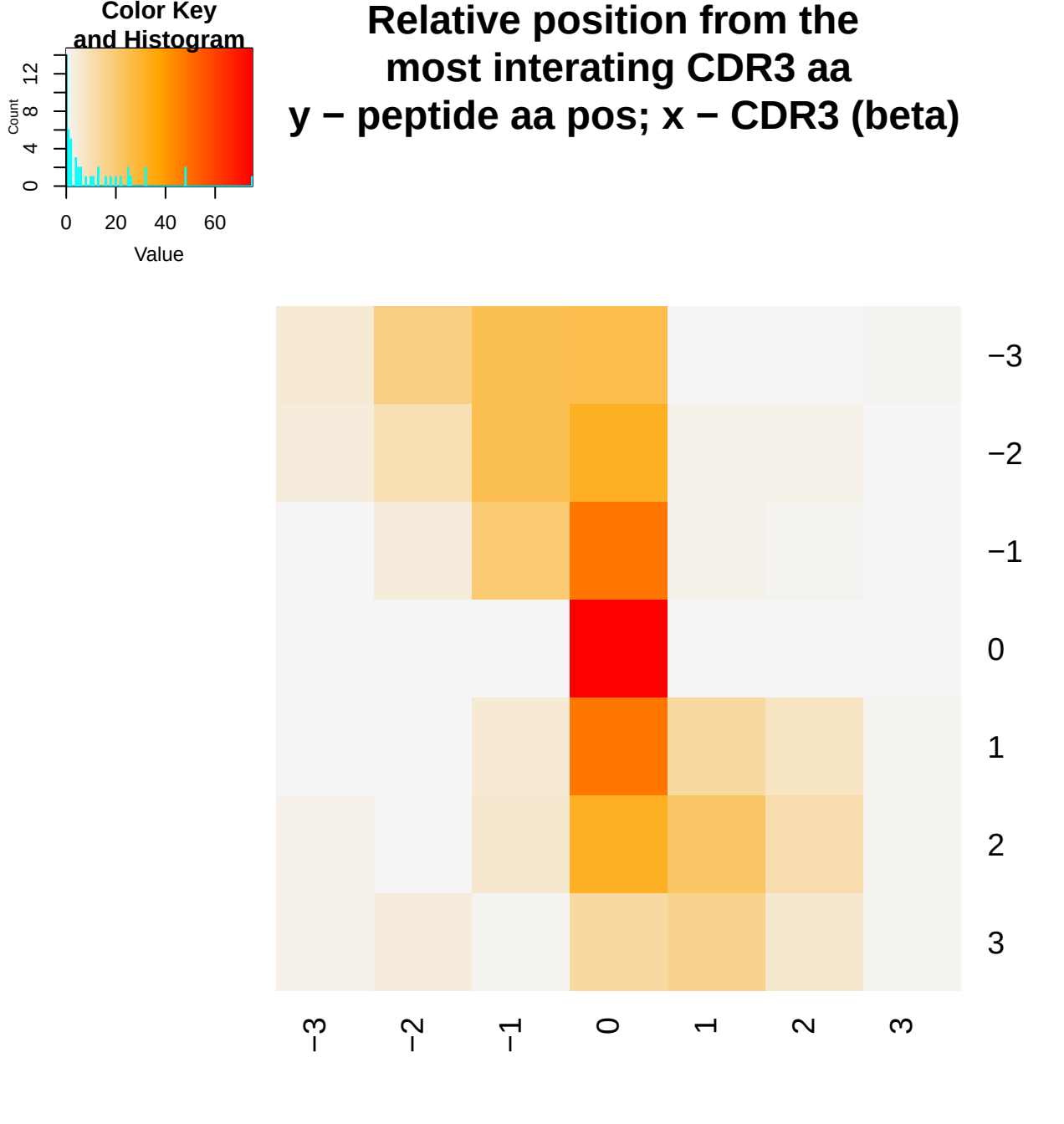


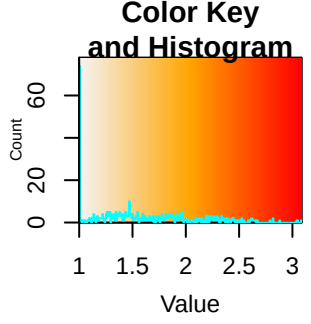


y − relative aa peptide position
x − relative aa CDR3 position (beta)

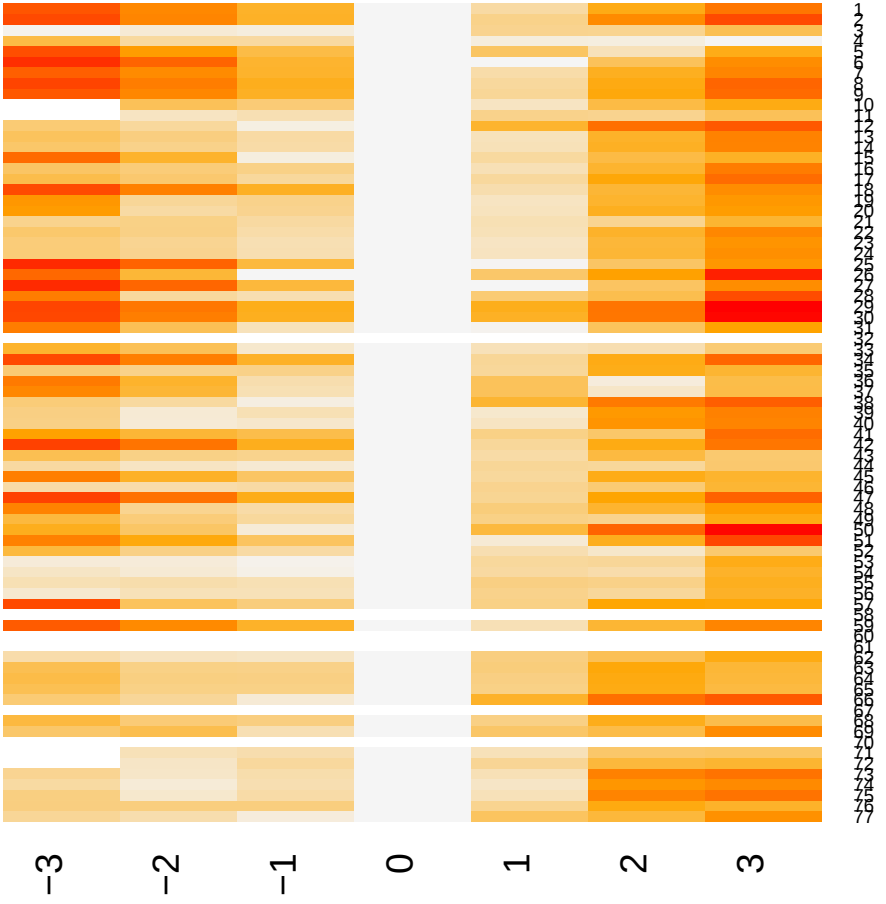


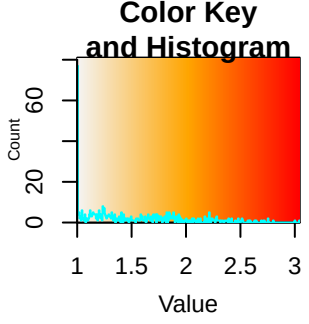

Color Key
and Histogram
Count
0
5
10
0
20
40
60
Value
Relative position from the
most interating CDR3 aa
y − peptide aa pos; x − CDR3 (alpha)
−3
−2
−1
0
1
2
3
−3
−2
−1
0
1
2
3


Color Key
and Histogram
Count
0
4
8
12
0
20
40
60
Value
Relative position from the
most interating CDR3 aa
y − peptide aa pos; x − CDR3 (beta)
−3
−2
−1
0
1
2
3
−3
−2
−1
0
1
2
3

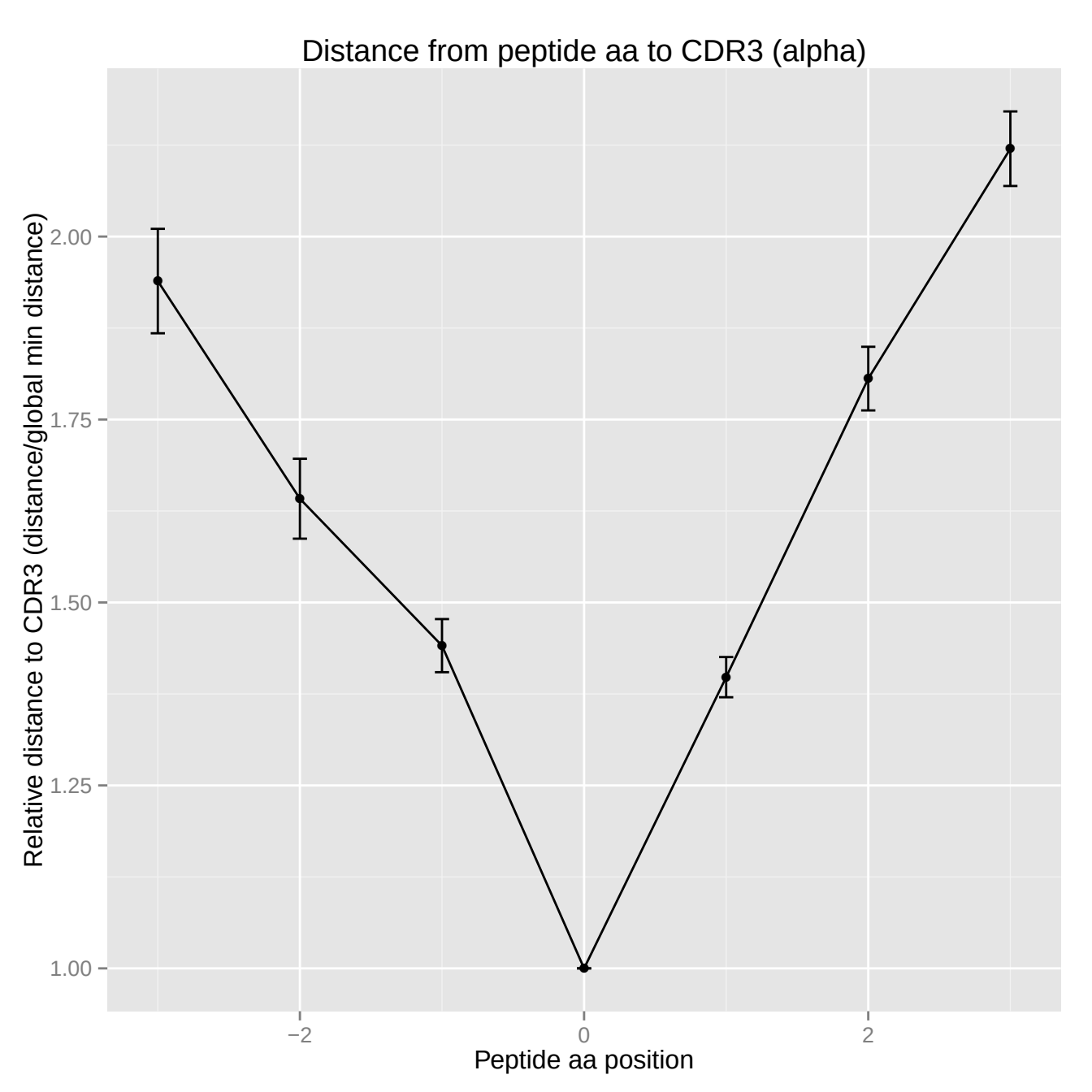


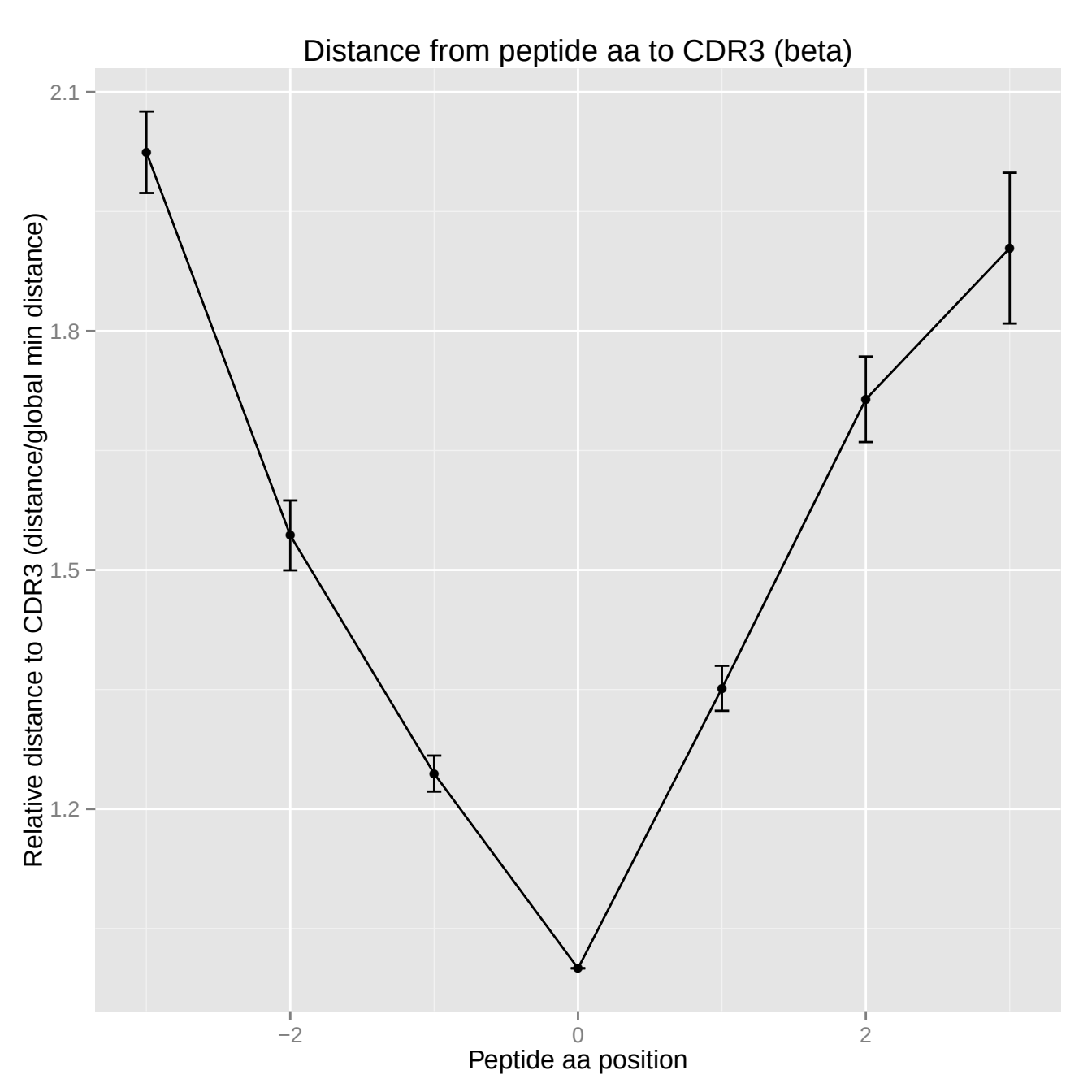
Color − Distance from peptide aa in position ’x’ form the center to CDR3; x − Peptide aa position (alpha)





Color − Distance from peptide aa in position ’x’ form the center to CDR3; x − Peptide aa position (beta)


Distance from peptide aa to CDR3 (alpha)
Relative distance to CDR3 (distance/global min distance)
2.00
1.75
1.50
1.25
1.00
−2
0
2
Peptide aa position


Distance from peptide aa to CDR3 (beta)
Relative distance to CDR3 (distance/global min distance)
2.1
1.8
1.5
1.2
−2
0
2
Peptide aa position