Overview across 10 cells from 1 samples
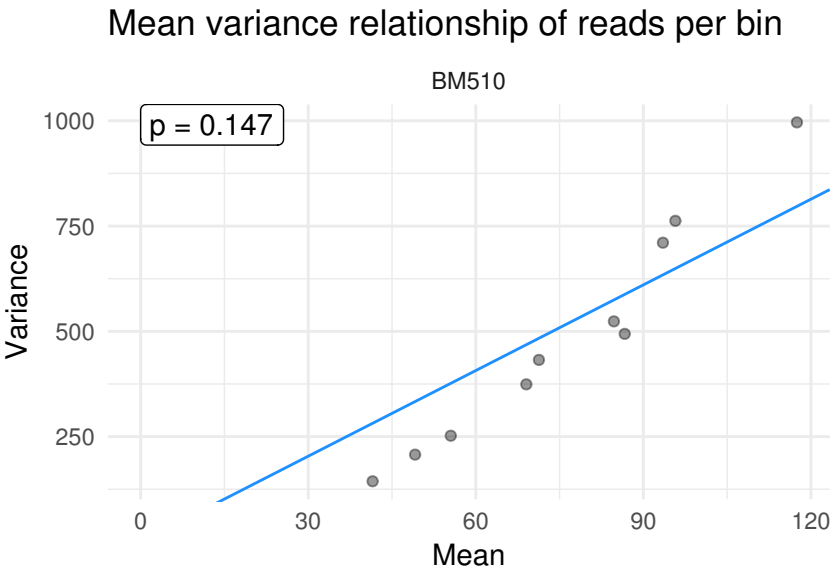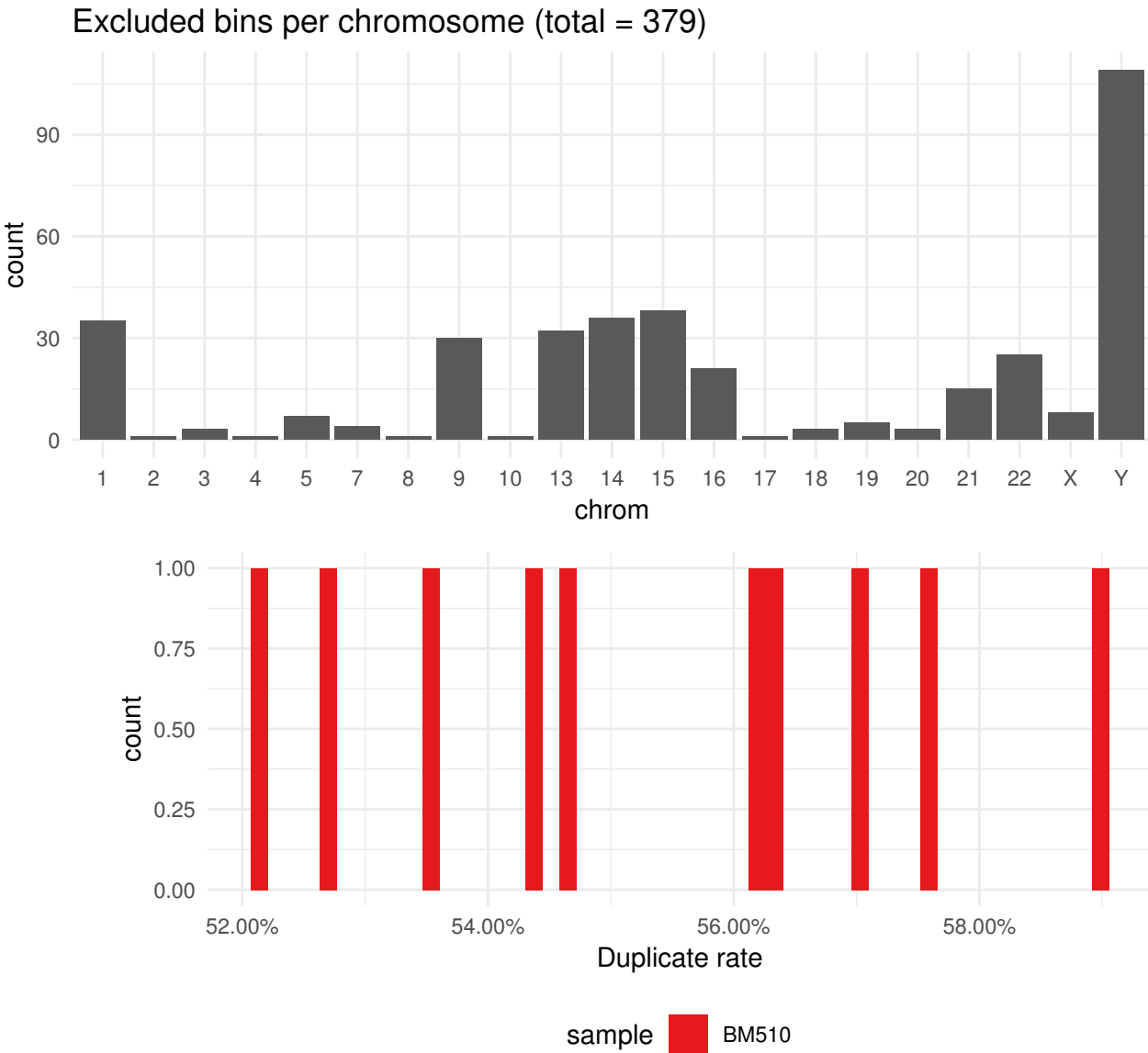
Bin sizes (6188 bins, mean 499.1 kb)

Excluded bins per chromosome (total = 379)
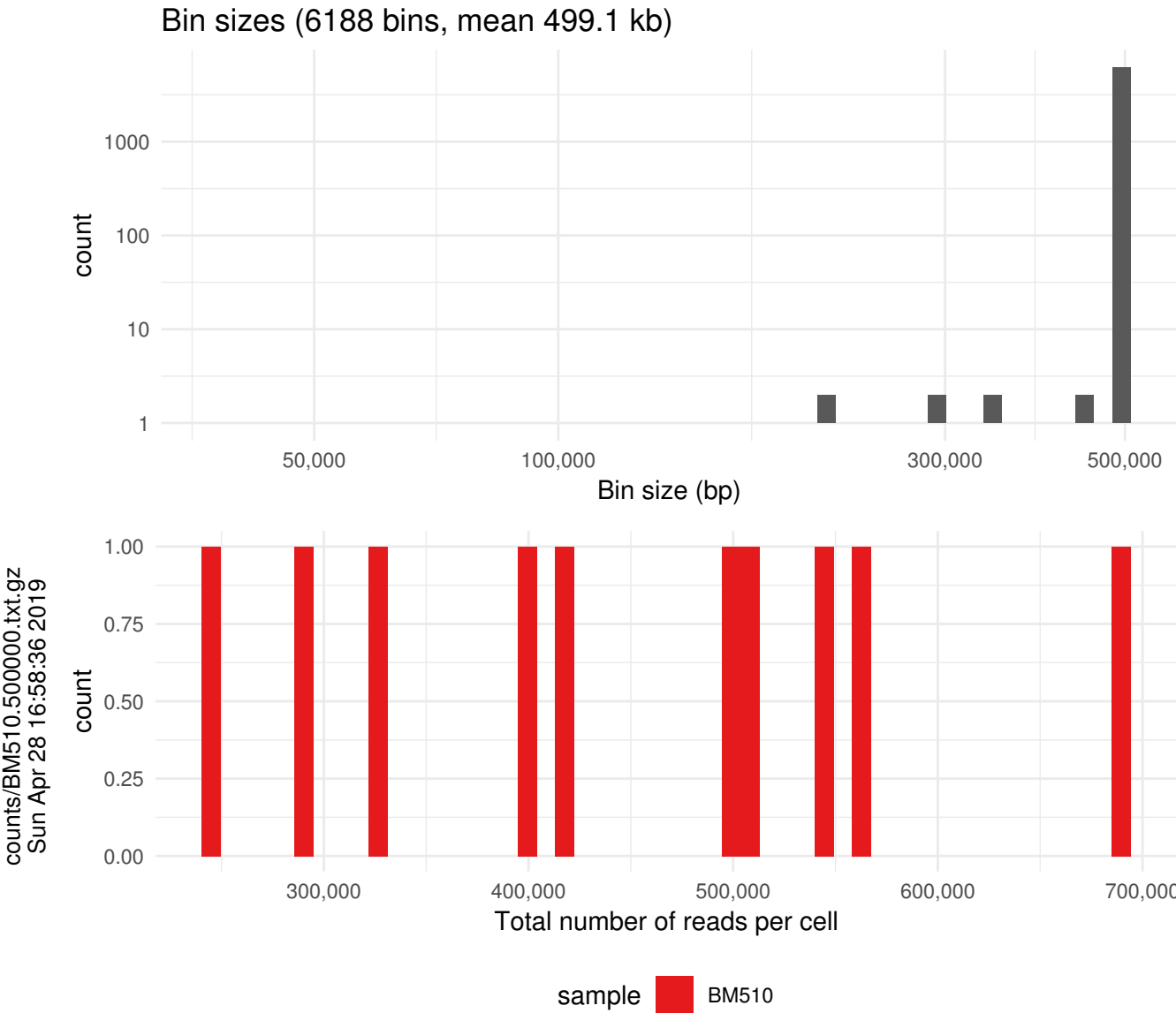
Mean variance relationship of reads per bin

BM510

p = 0.147

sample ■ BM510

Sample: BM510

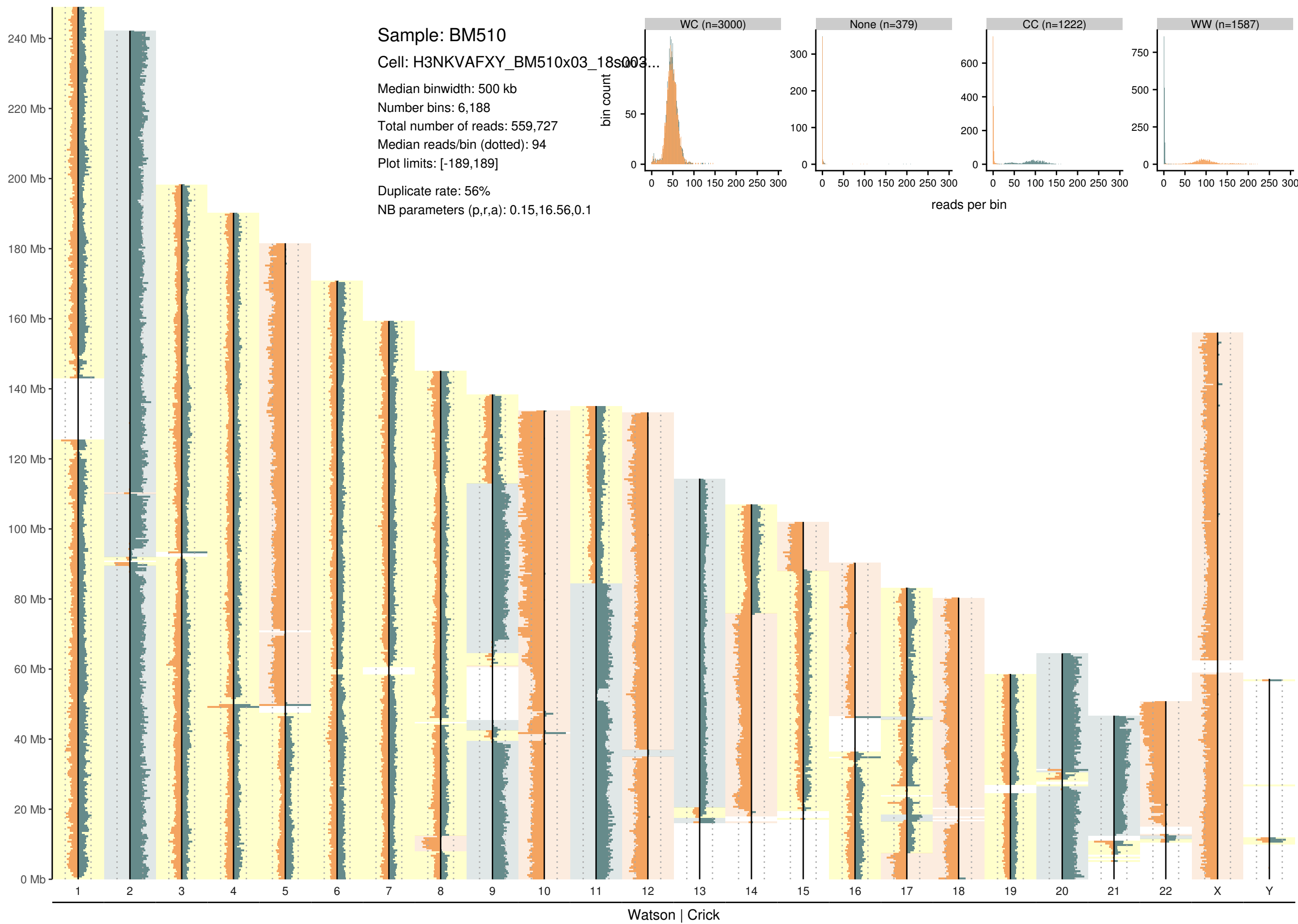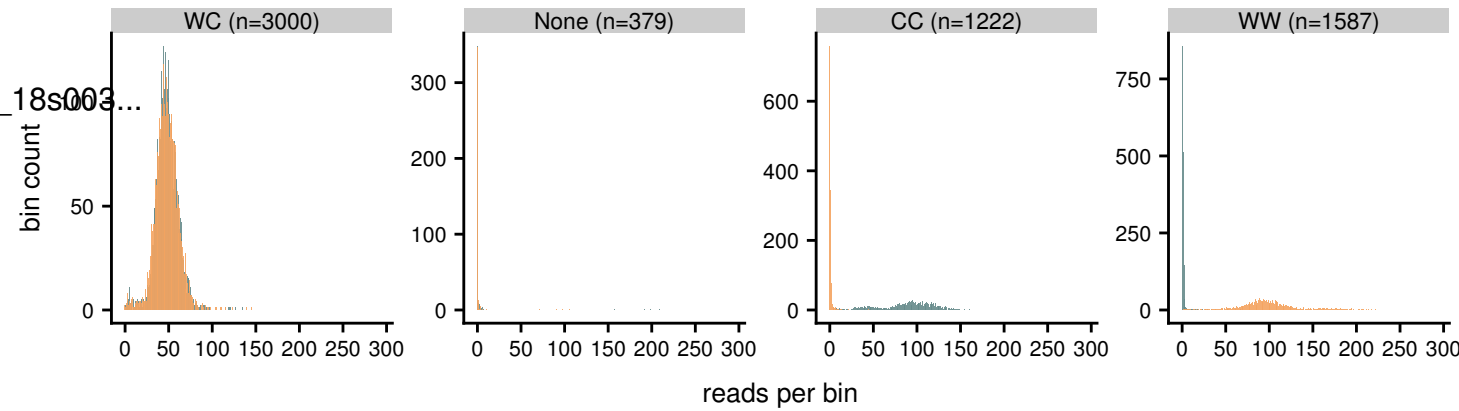Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
Number bins: 6,188
Total number of reads: 559,727
Median reads/bin (dotted): 94
Plot limits: [-189,189]

Duplicate rate: 56%
NB parameters (p,r,a): 0.15,16.56,0.1

WC (n=3000)　None (n=379)　CC (n=1222)　WW (n=1587)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...

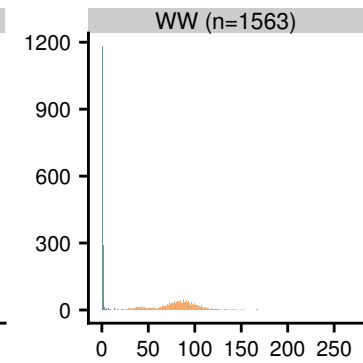Median binwidth: 500 kb
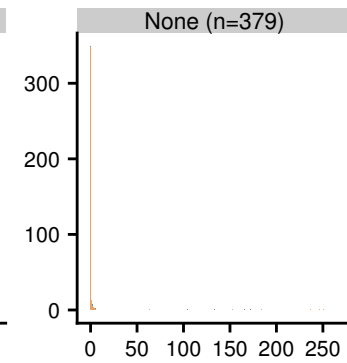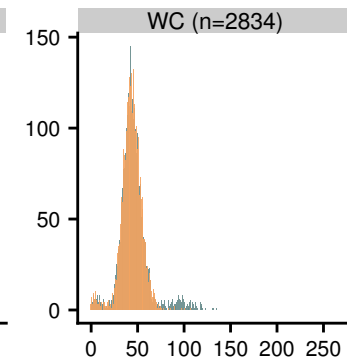Number bins: 6,188
Total number of reads: 506,645
Median reads/bin (dotted): 86
Plot limits: [-173,173]

Duplicate rate: 54%
NB parameters (p,r,a): 0.15,14.99,0.1

CC (n=1412)   WC (n=2834)   None (n=379)   WW (n=1563)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
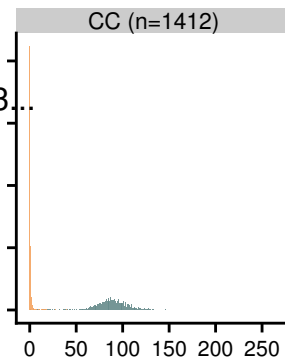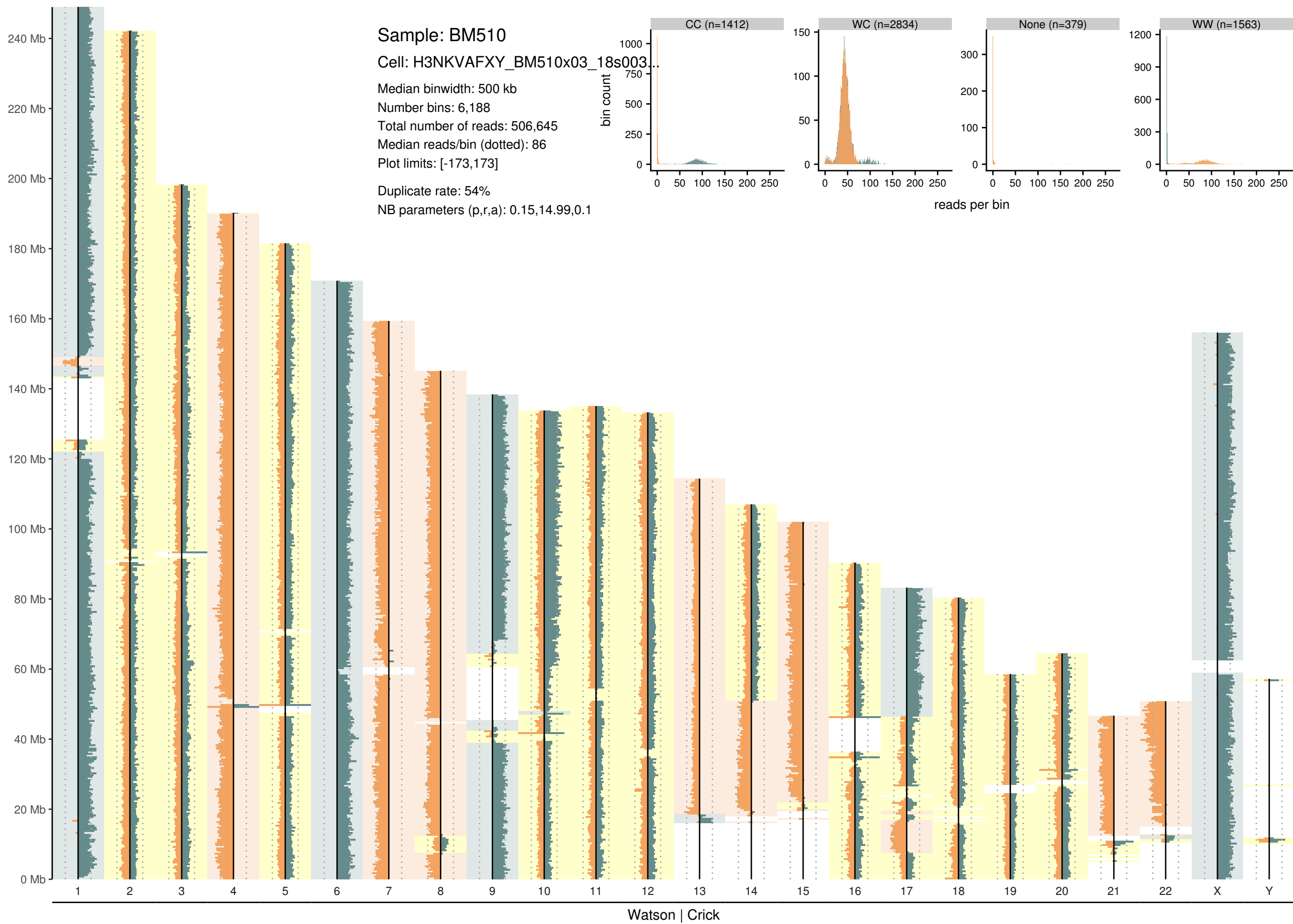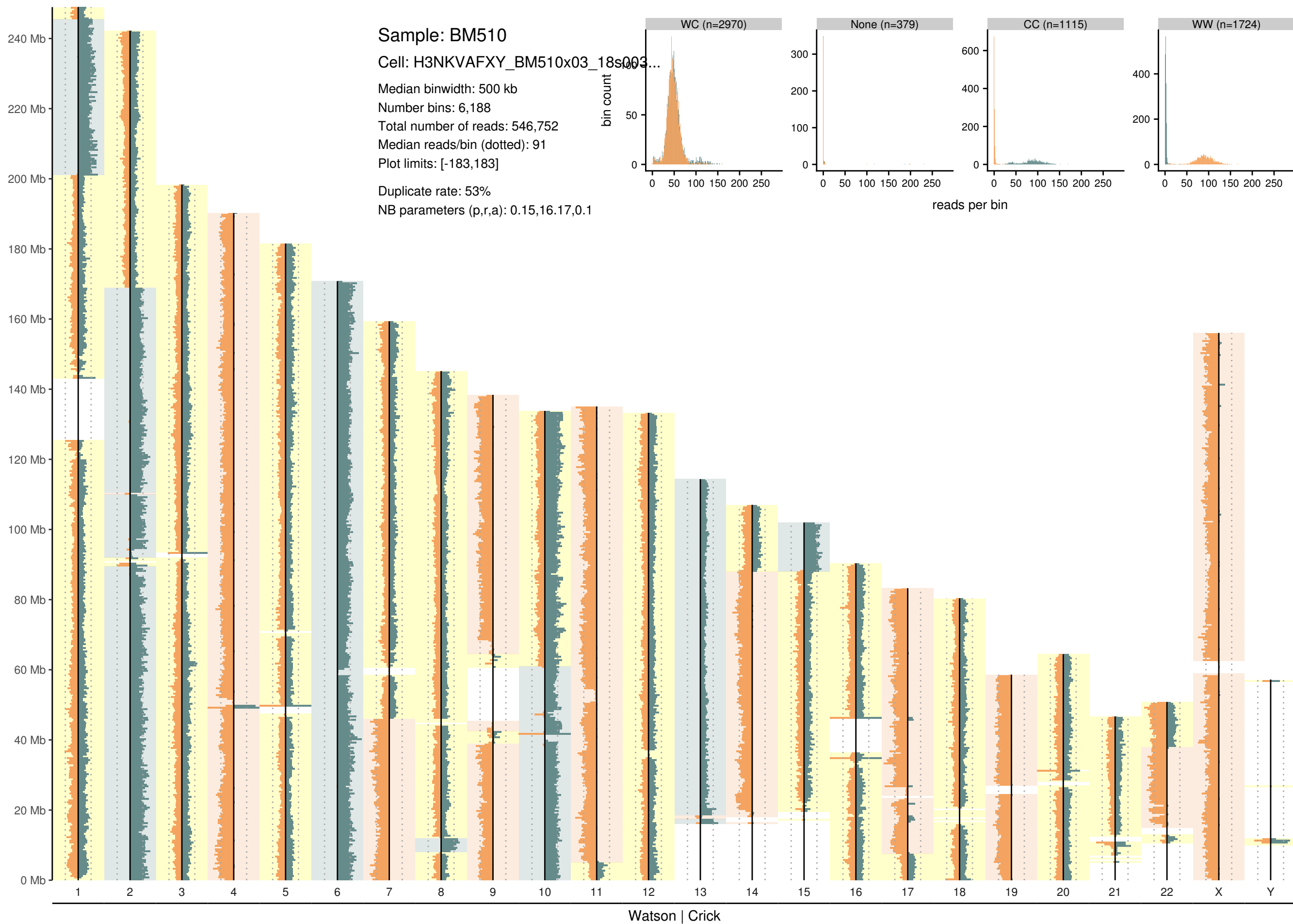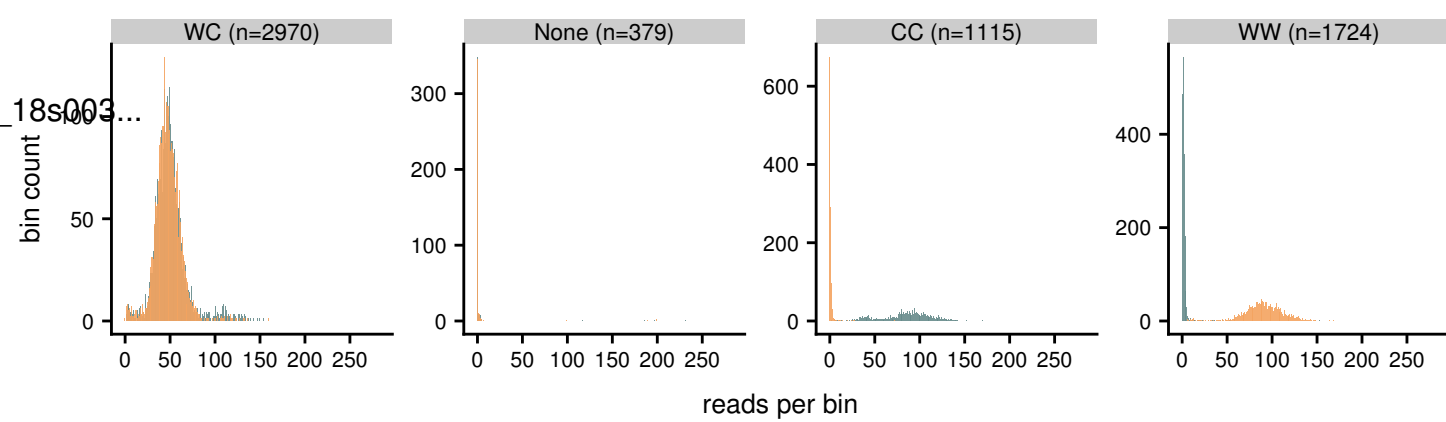Number bins: 6,188
Total number of reads: 546,752
Median reads/bin (dotted): 91
Plot limits: [-183,183]

Duplicate rate: 53%
NB parameters (p,r,a): 0.15,16.17,0.1

WC (n=2970)   None (n=379)   CC (n=1115)   WW (n=1724)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...
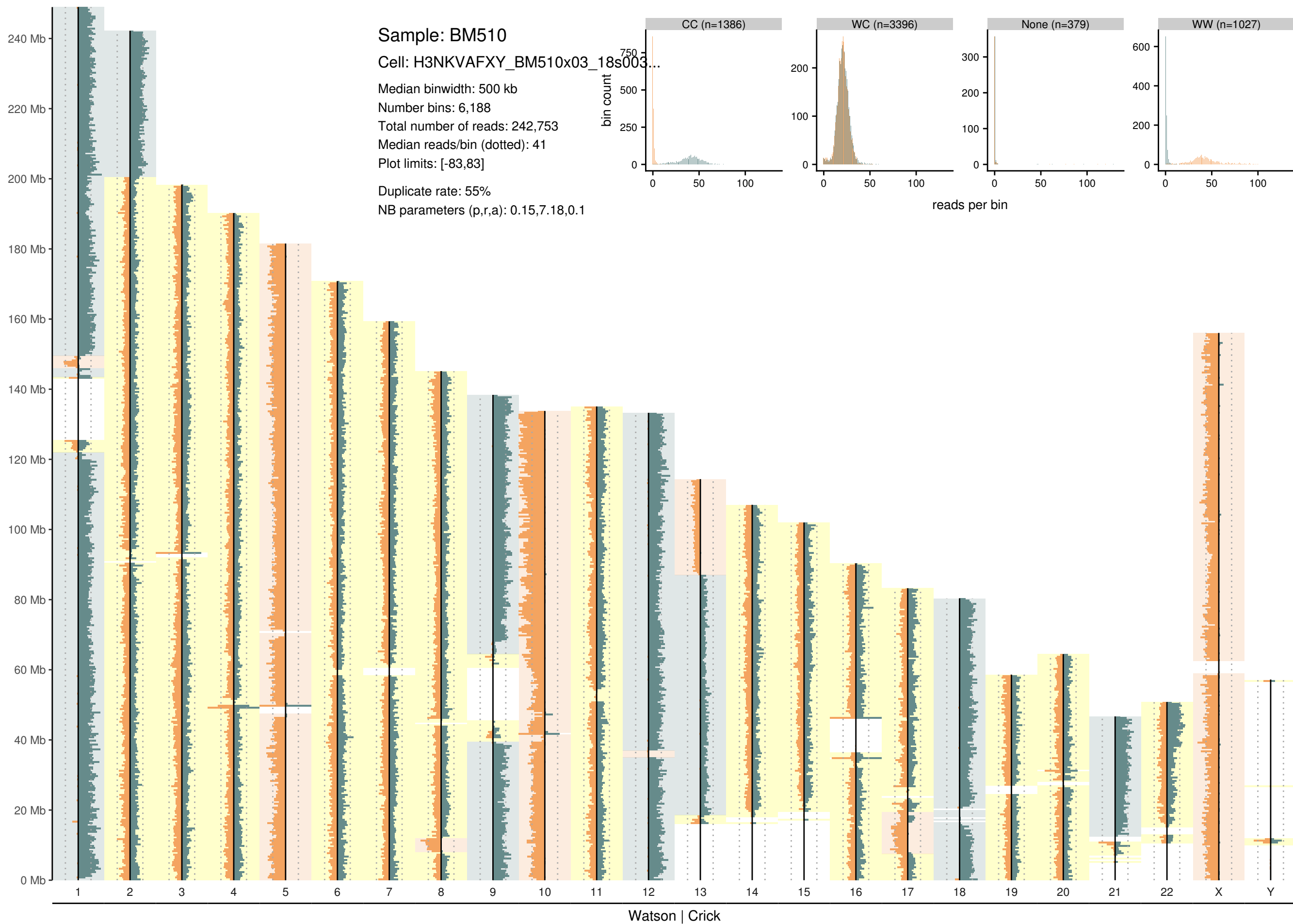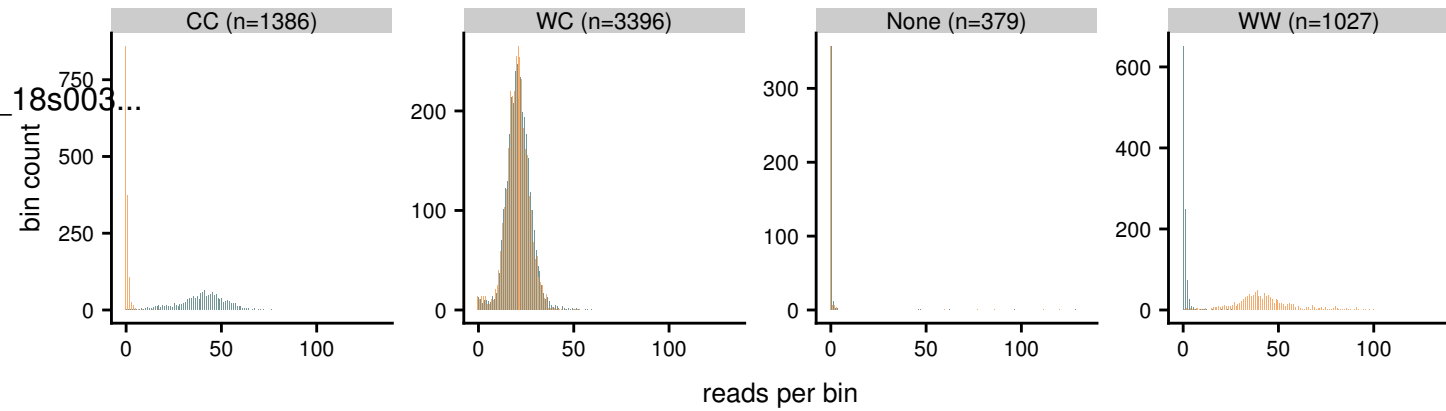
Median binwidth: 500 kb

Number bins: 6,188

Total number of reads: 242,753

Median reads/bin (dotted): 41

Plot limits: [-83,83]

Duplicate rate: 55%

NB parameters (p,r,a): 0.15,7.18,0.1

CC (n=1386)

WC (n=3396)

None (n=379)

WW (n=1027)

bin count

reads per bin

Watson | Crick

Sample: BM510

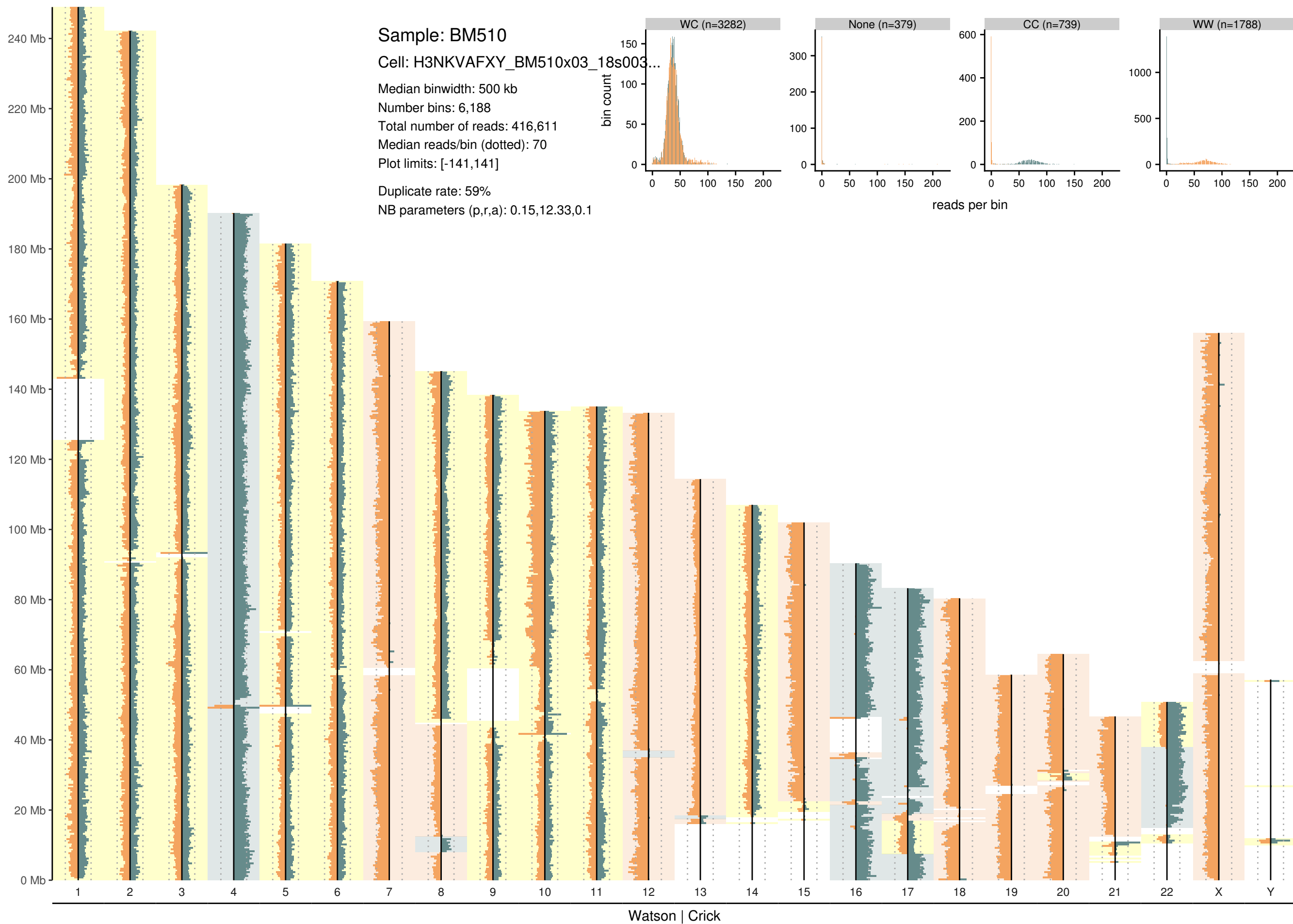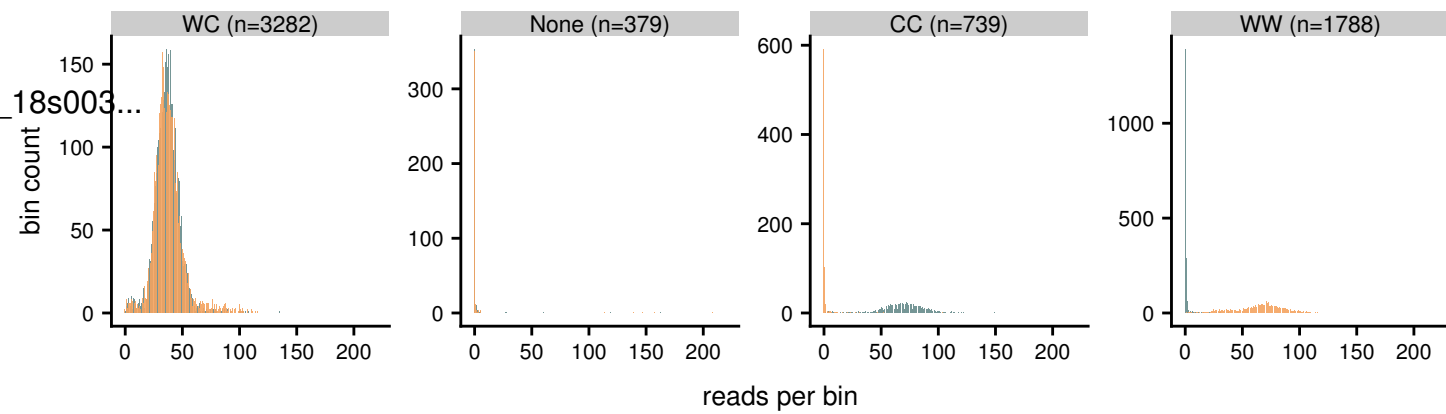Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
Number bins: 6,188
Total number of reads: 416,611
Median reads/bin (dotted): 70
Plot limits: [-141,141]

Duplicate rate: 59%
NB parameters (p,r,a): 0.15,12.33,0.1

WC (n=3282)　None (n=379)　CC (n=739)　WW (n=1788)

bin count

reads per bin

Watson | Crick

Sample: BM510

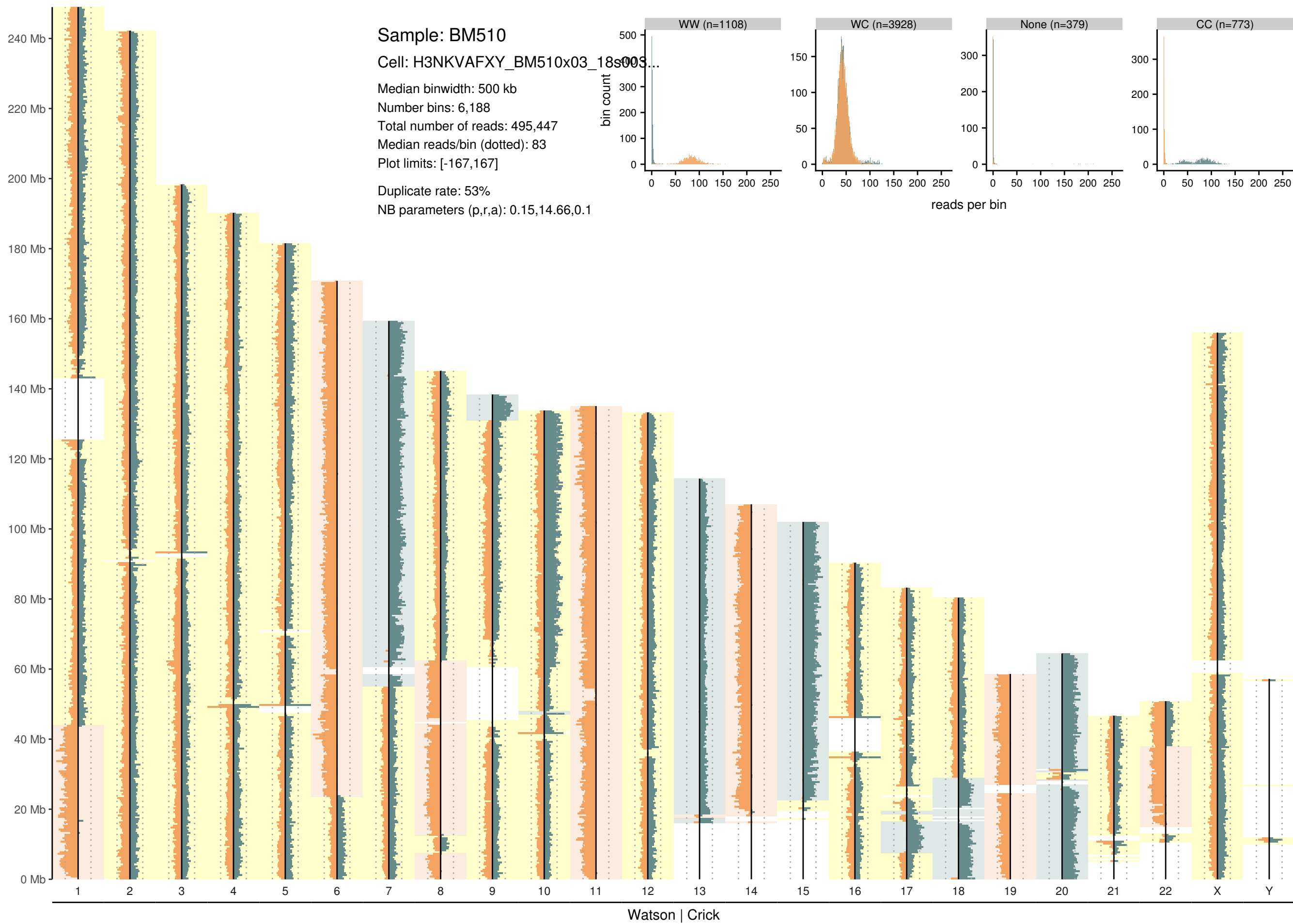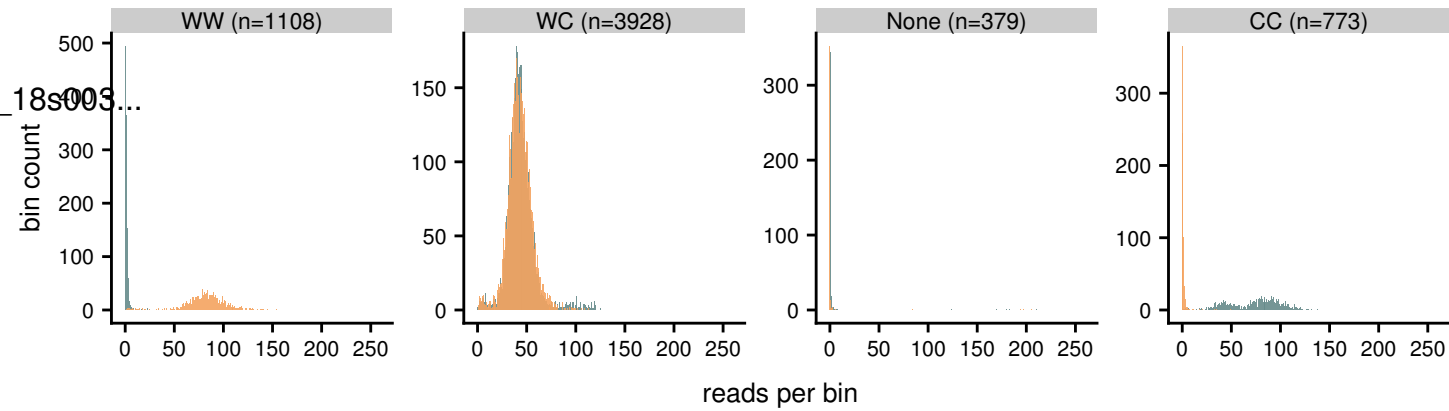Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
Number bins: 6,188
Total number of reads: 495,447
Median reads/bin (dotted): 83
Plot limits: [-167,167]

Duplicate rate: 53%
NB parameters (p,r,a): 0.15,14.66,0.1

WW (n=1108)
WC (n=3928)
None (n=379)
CC (n=773)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...
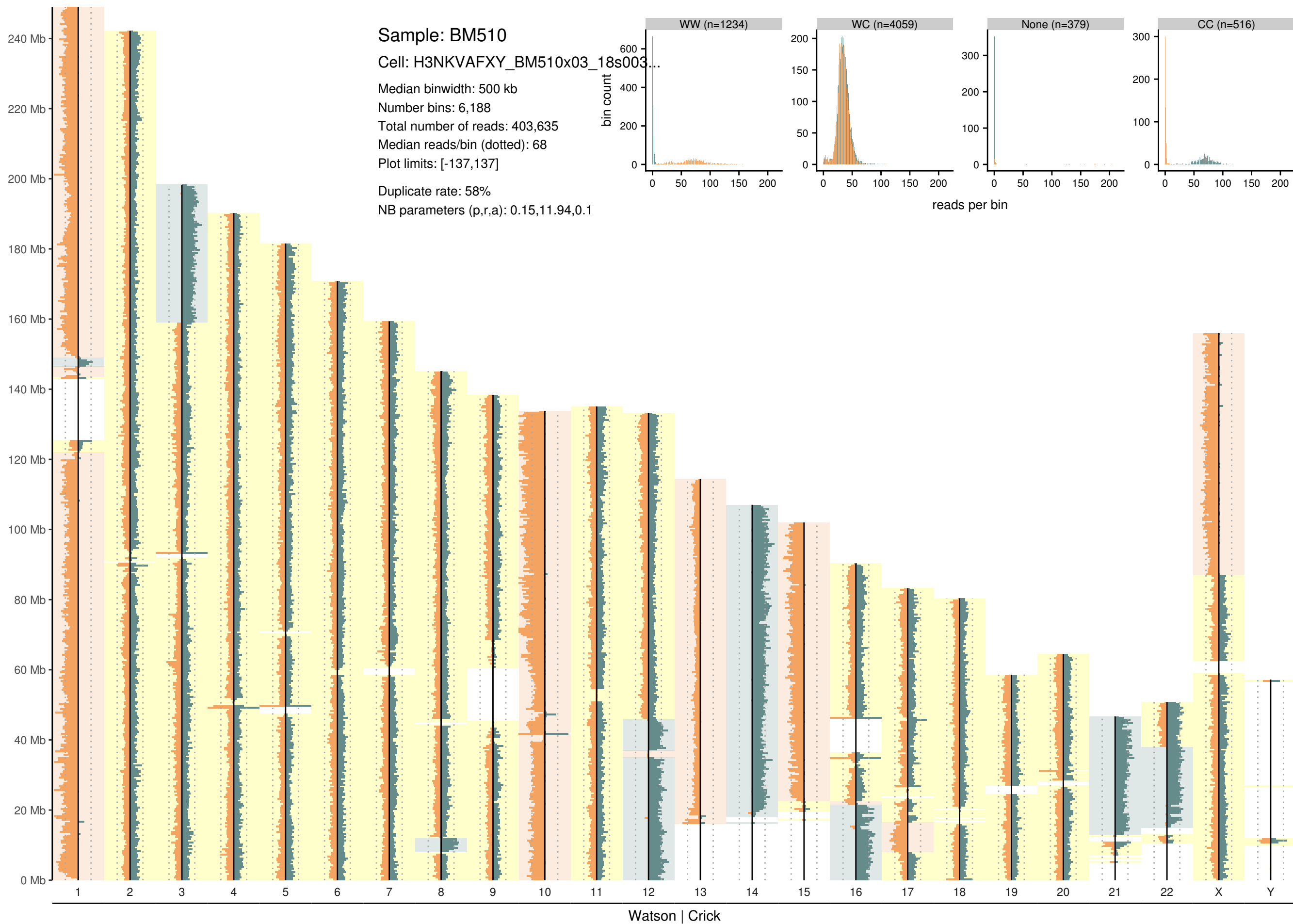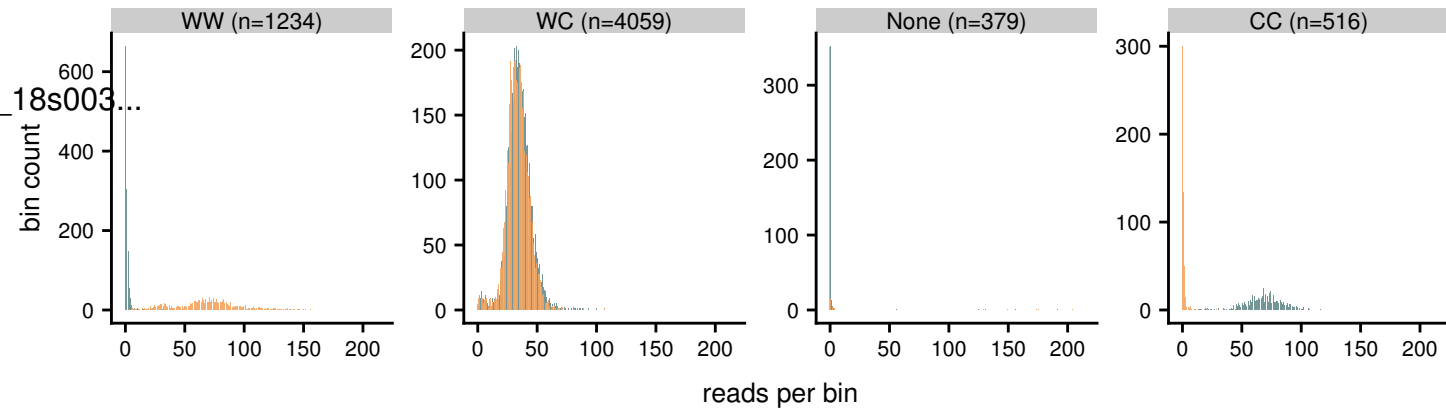
Median binwidth: 500 kb

Number bins: 6,188

Total number of reads: 403,635

Median reads/bin (dotted): 68

Plot limits: [-137,137]

Duplicate rate: 58%

NB parameters (p,r,a): 0.15,11.94,0.1

WW (n=1234)

WC (n=4059)

None (n=379)

CC (n=516)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
Number bins: 6,188
Total number of reads: 324,668
Median reads/bin (dotted): 54
Plot limits: [-109,109]
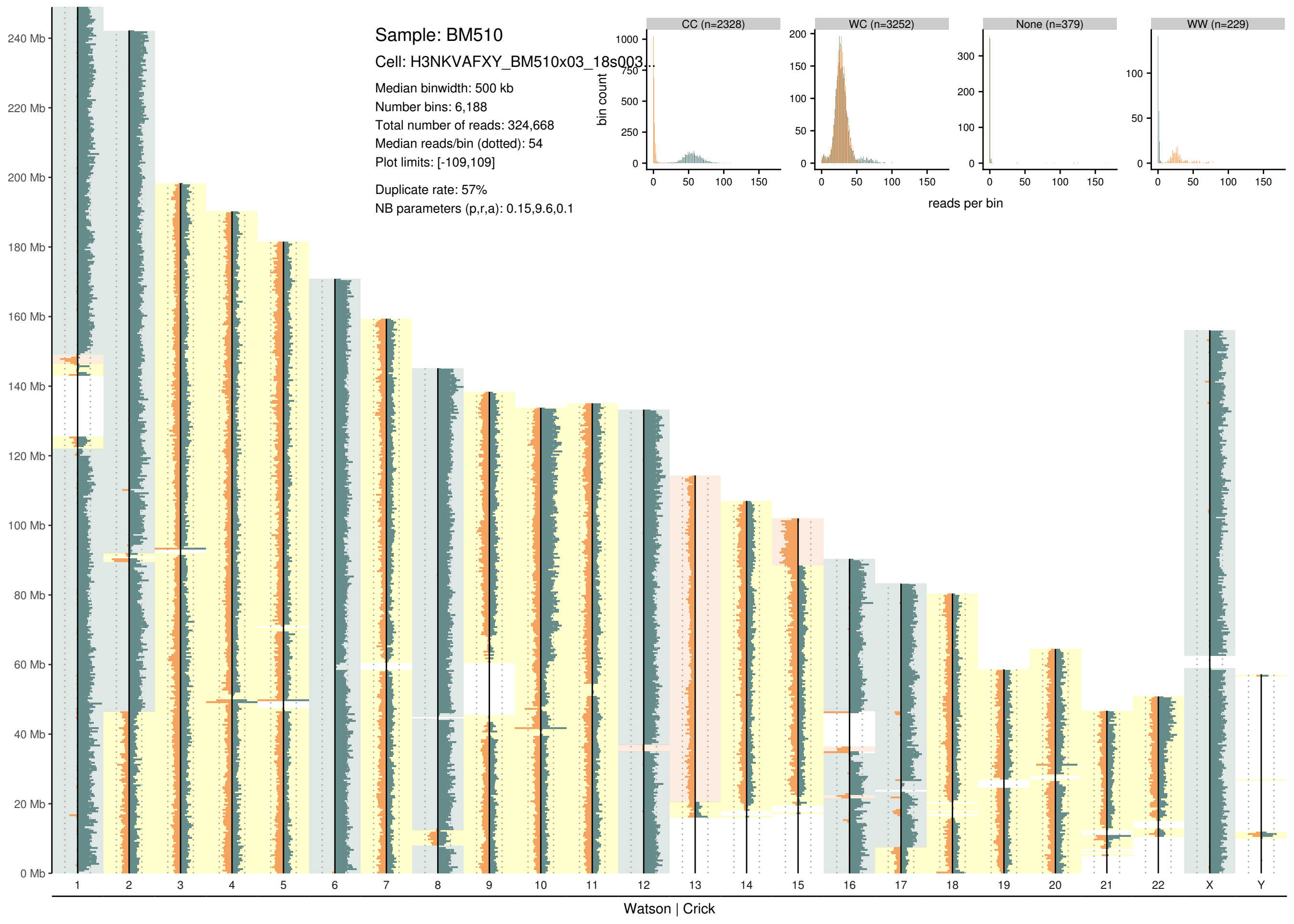
Duplicate rate: 57%
NB parameters (p,r,a): 0.15,9.6,0.1

CC (n=2328)   WC (n=3252)   None (n=379)   WW (n=229)

bin count

reads per bin

Watson | Crick

Sample: BM510

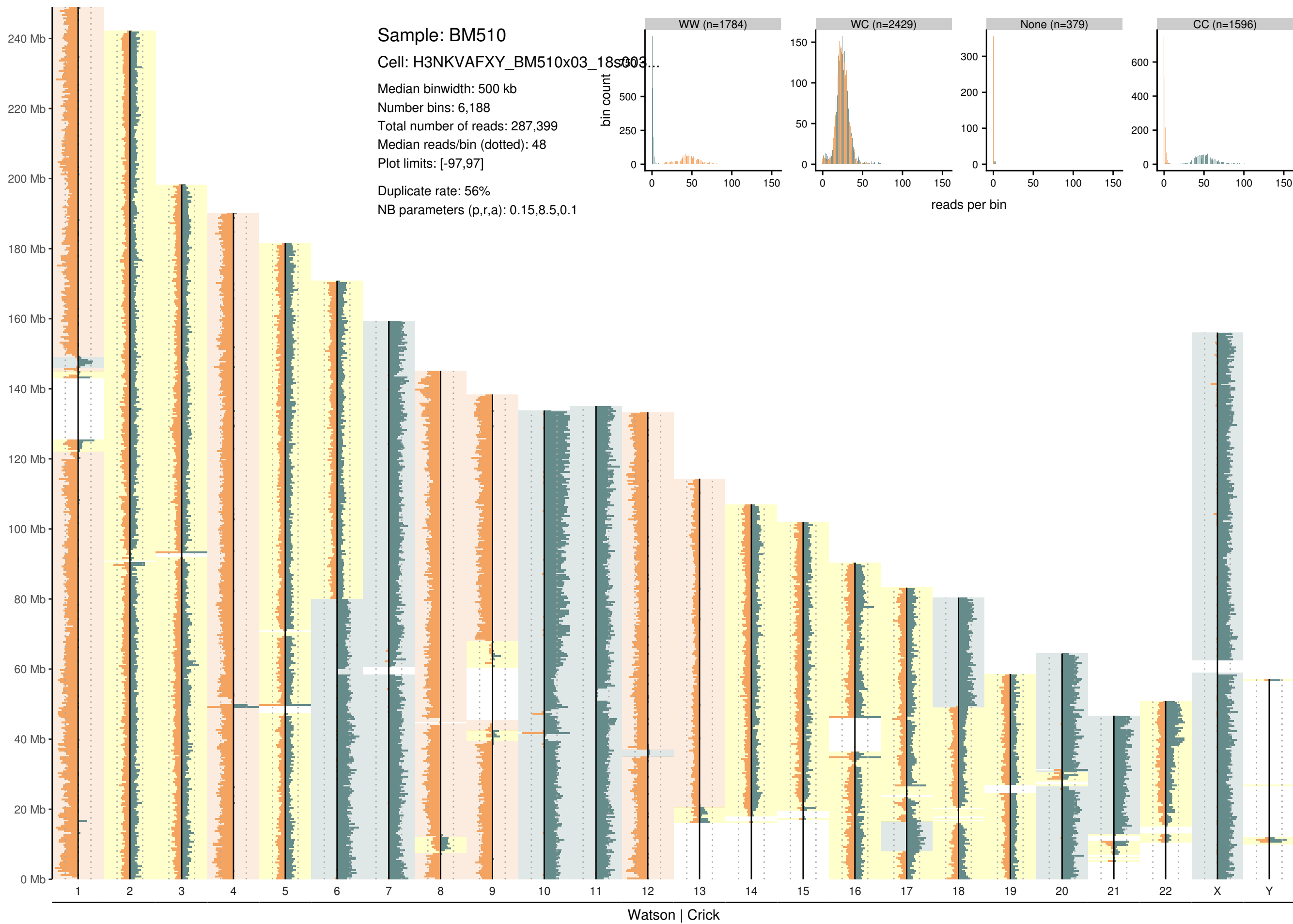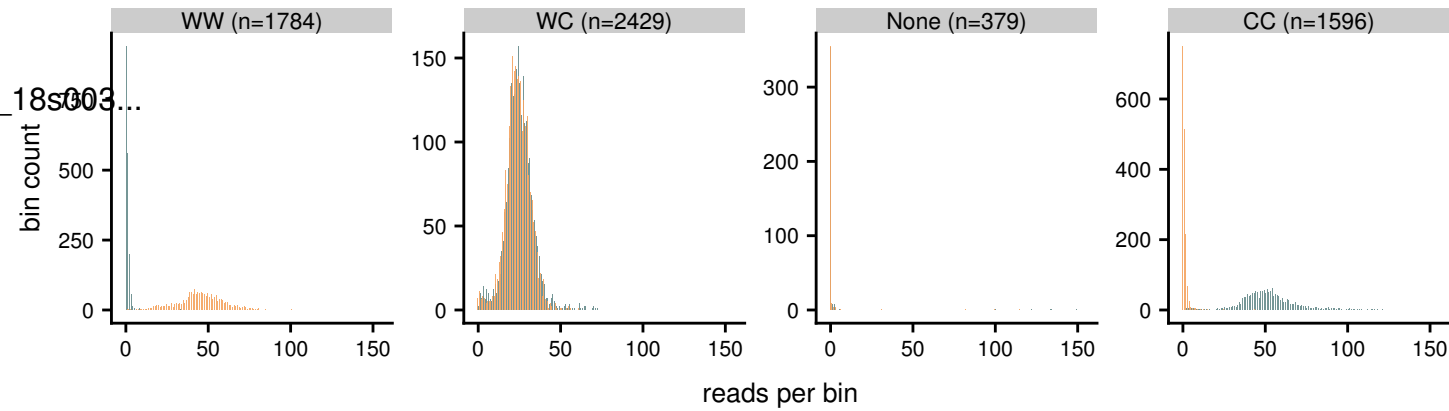Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb
Number bins: 6,188
Total number of reads: 287,399
Median reads/bin (dotted): 48
Plot limits: [-97,97]

Duplicate rate: 56%
NB parameters (p,r,a): 0.15,8.5,0.1

WW (n=1784)   WC (n=2429)   None (n=379)   CC (n=1596)

bin count

reads per bin

Watson | Crick

Sample: BM510

Cell: H3NKVAFXY_BM510x03_18s003...

Median binwidth: 500 kb

Number bins: 6,188

Total number of reads: 687,445

Median reads/bin (dotted): 116

Plot limits: [-233,233]

Duplicate rate: 52%

NB parameters (p,r,a): 0.15,20.32,0.1

WW (n=1546)

CC (n=2337)

None (n=379)

WC (n=1926)

bin count

reads per bin

Watson | Crick