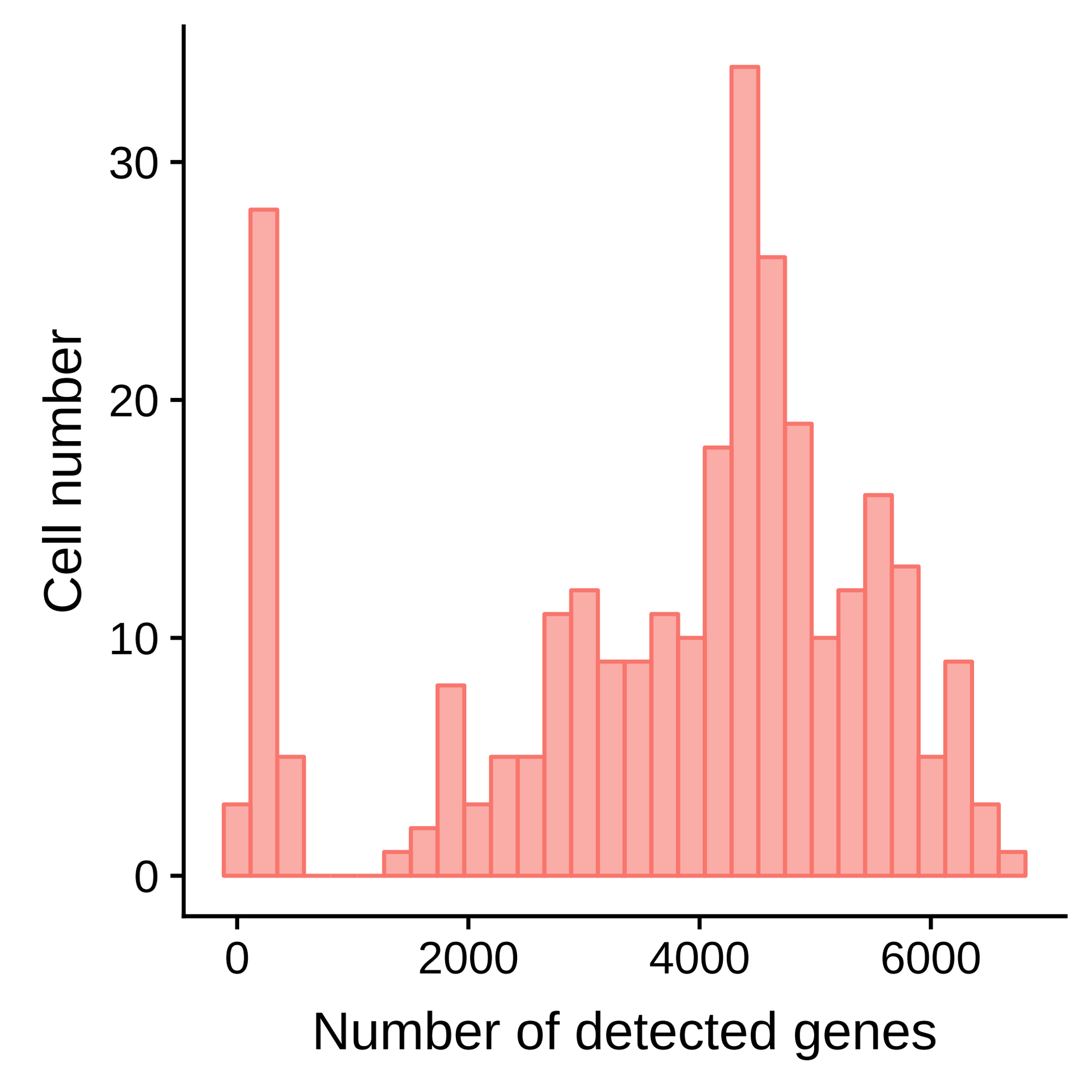
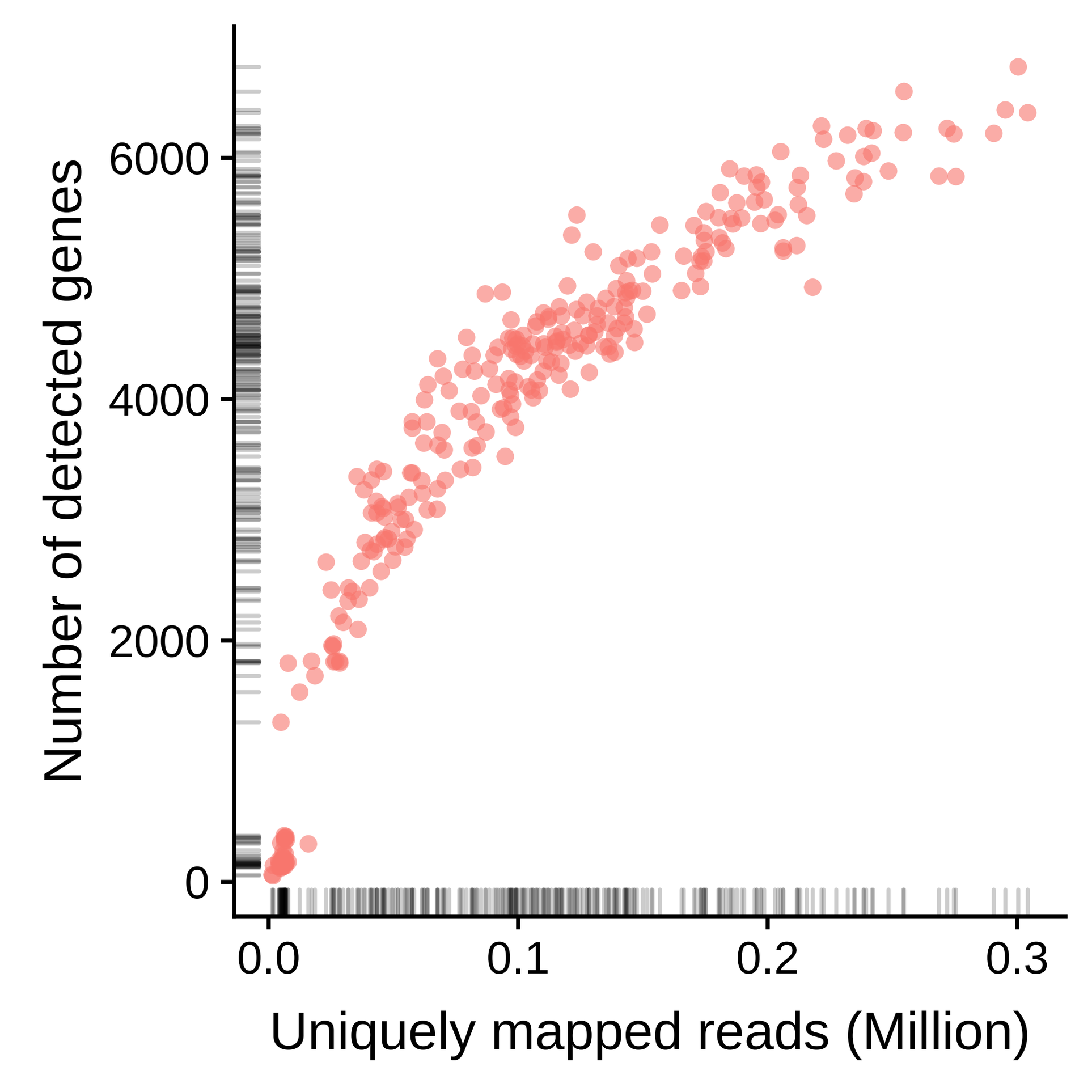
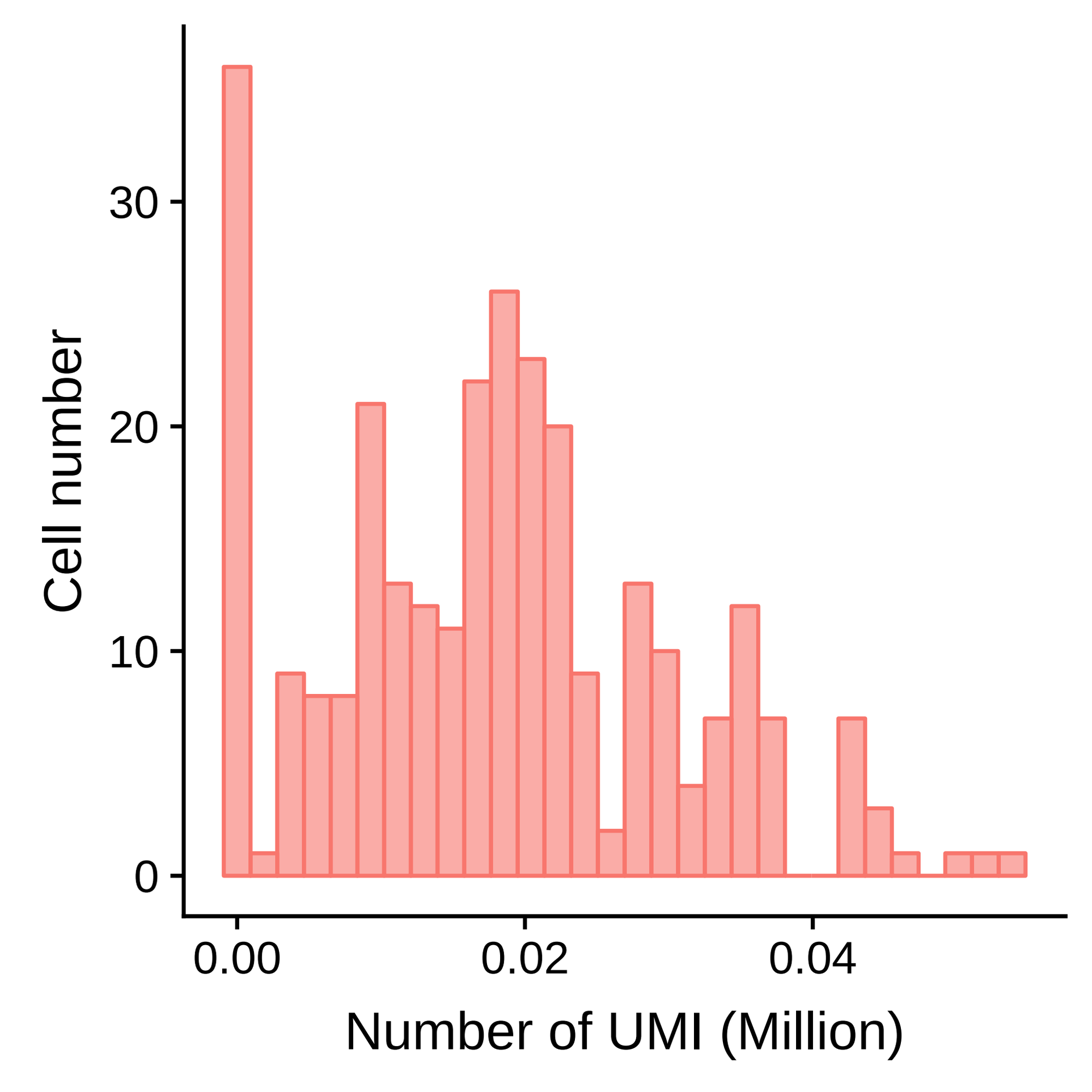
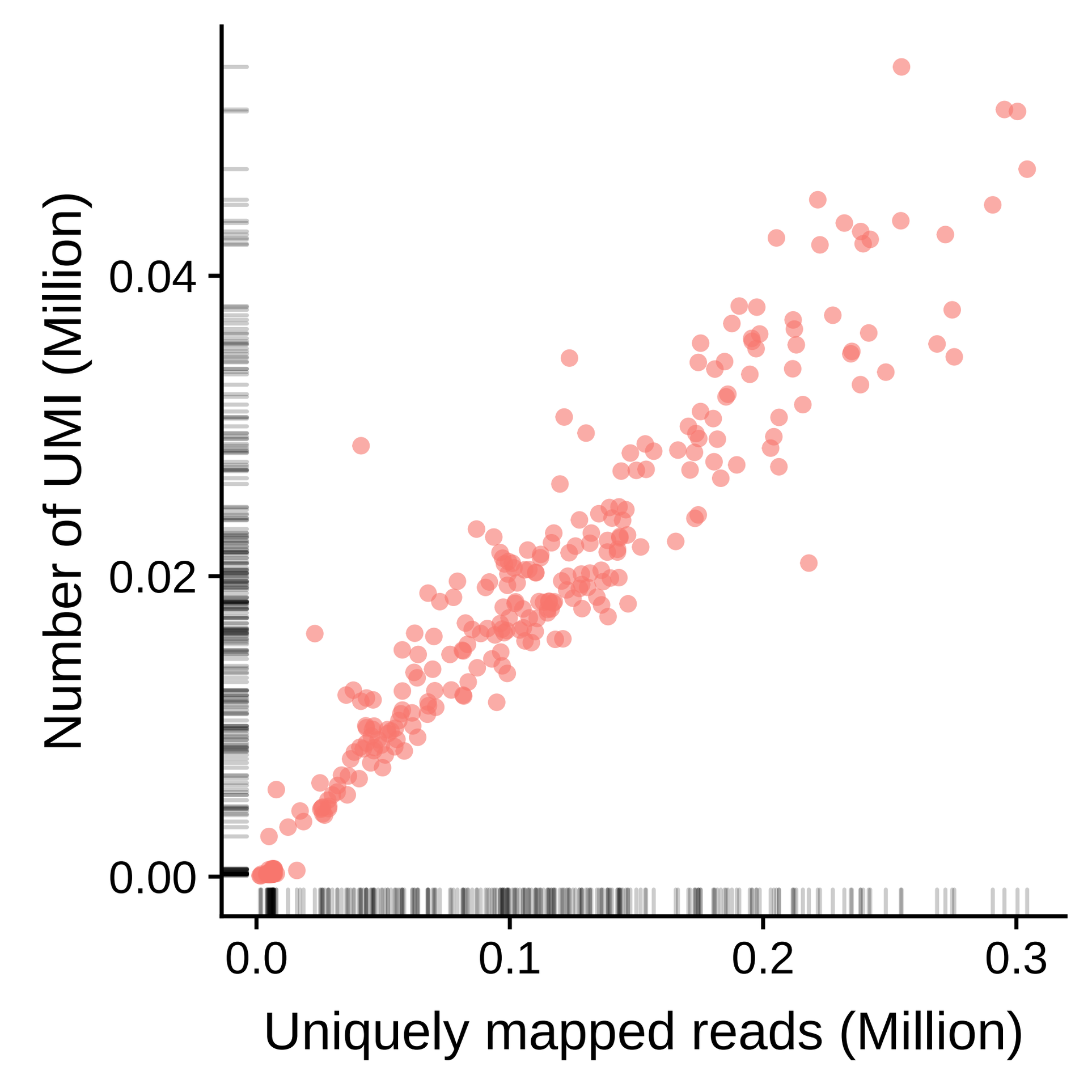
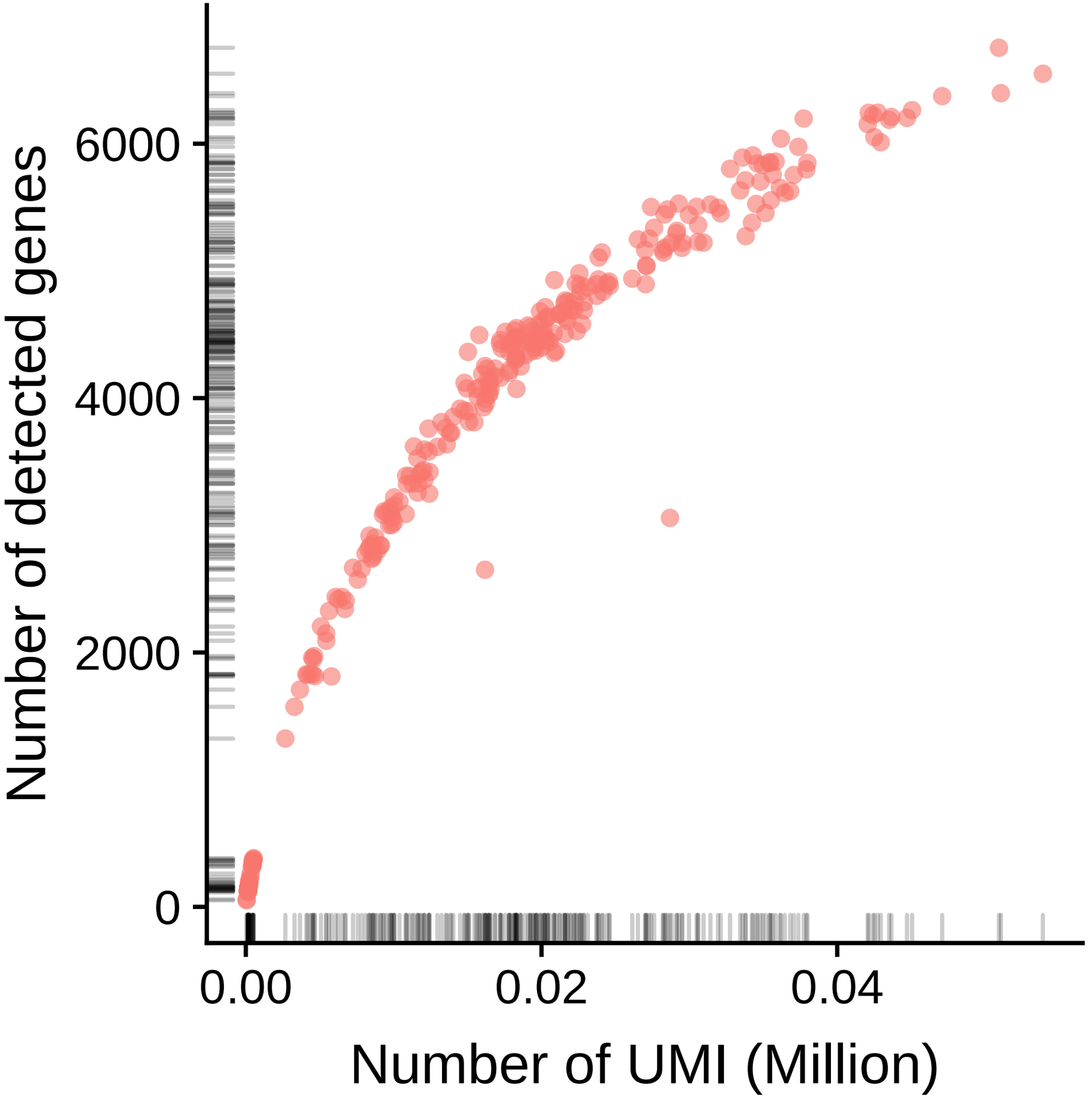
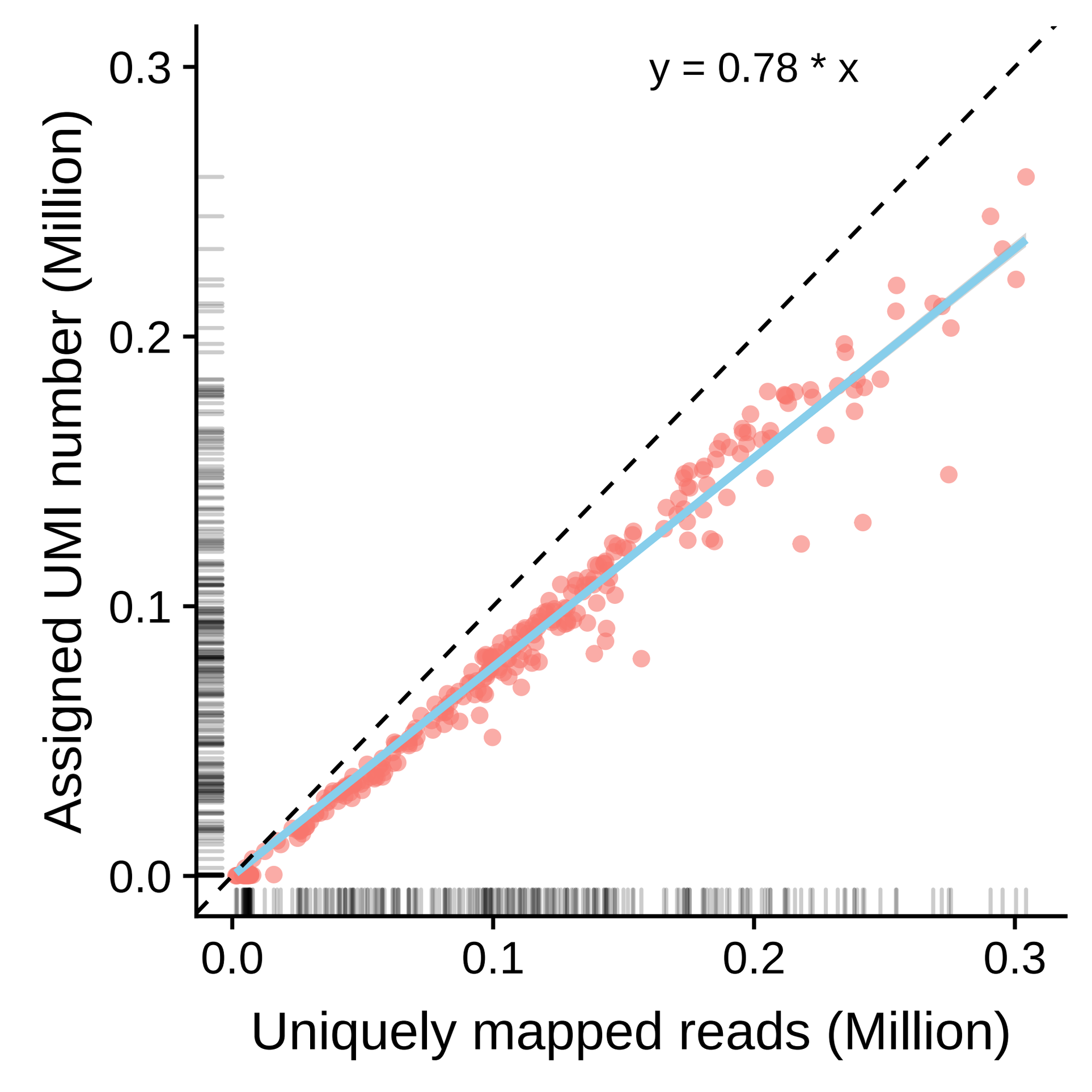

Cell number
30
20
10
0
0
2000
4000
6000
Number of detected genes

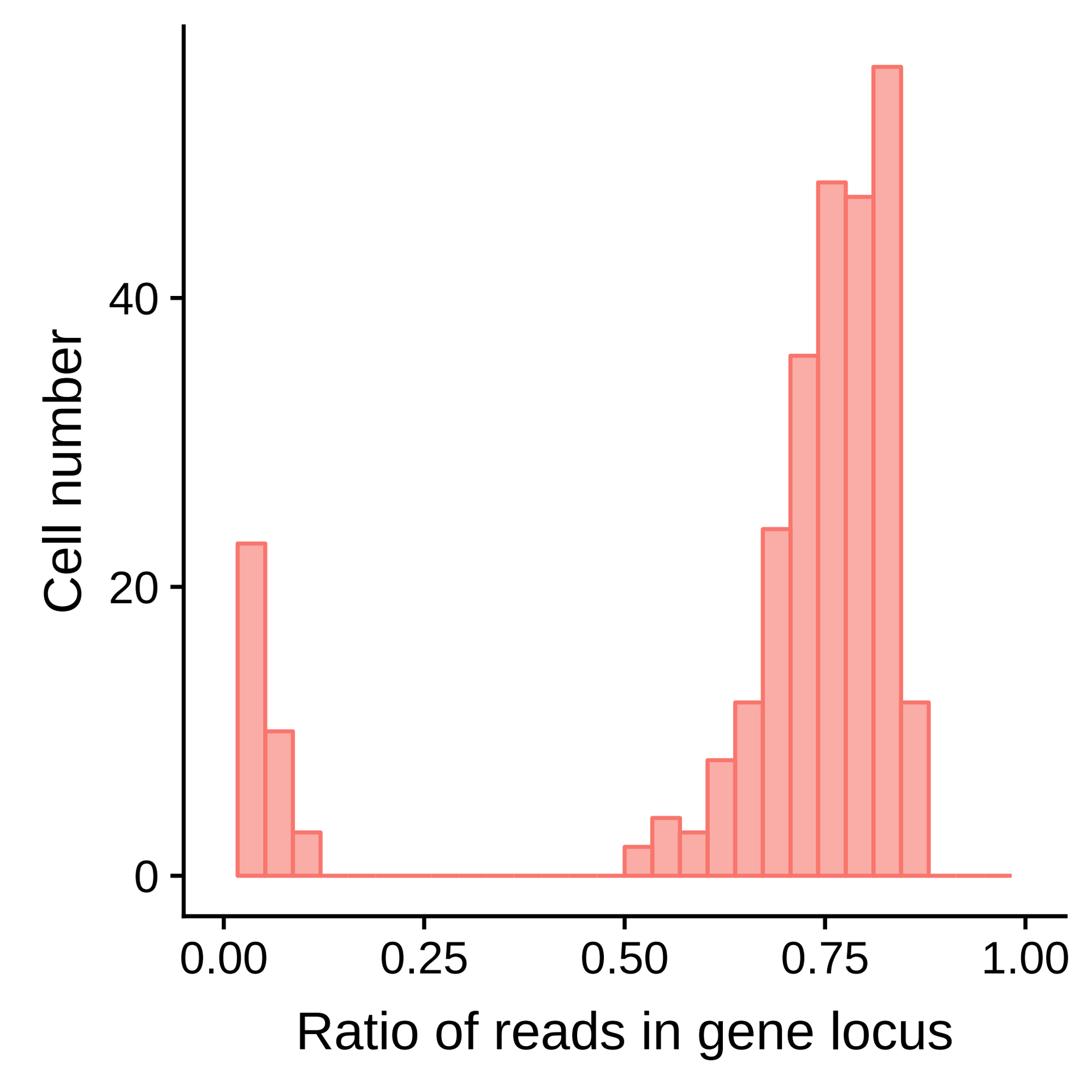

Number of detected genes
6000
4000
2000
0
0.0
0.1
0.2
0.3
Uniquely mapped reads (Million)

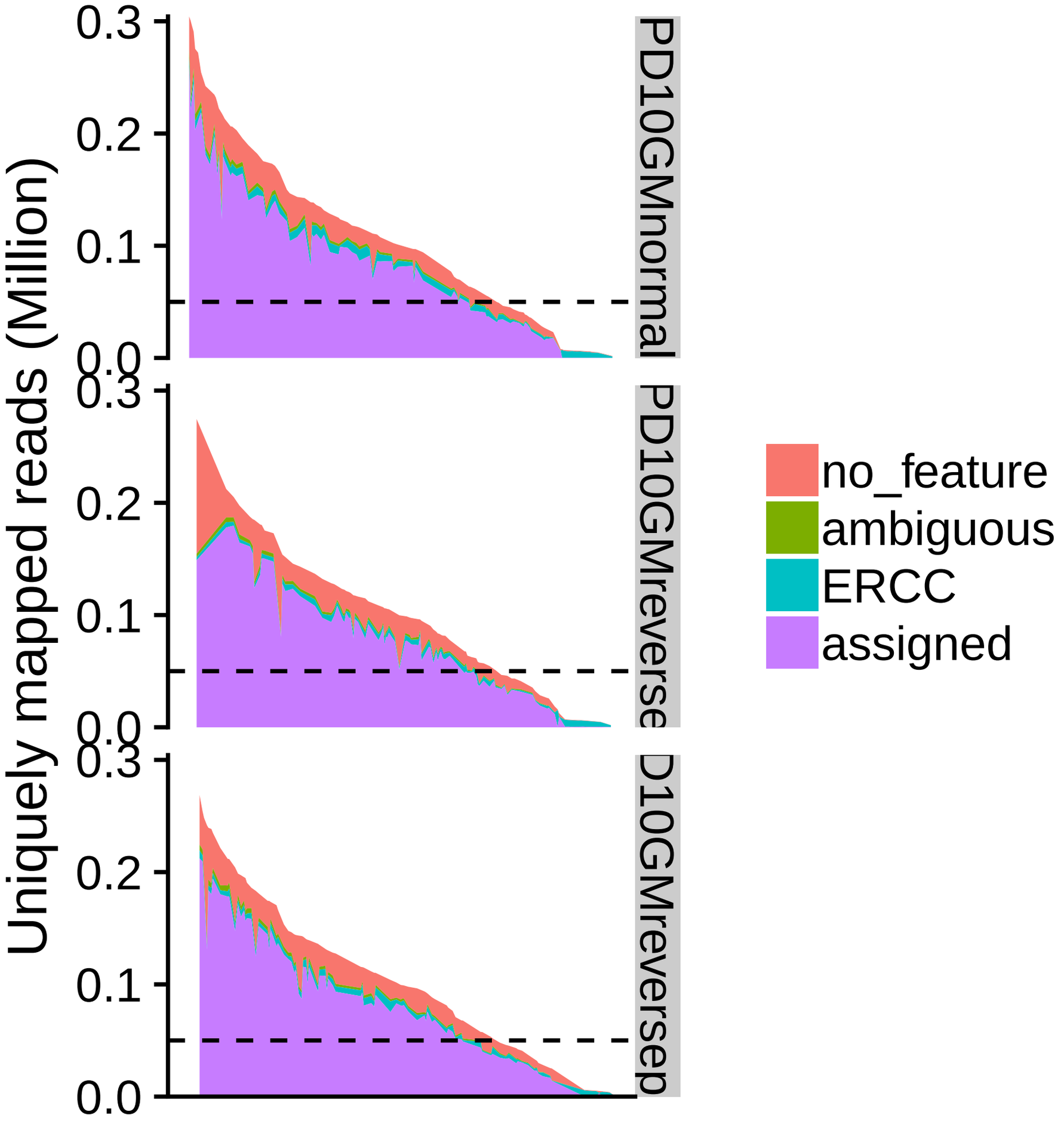

Cell number
30
20
10
0
0.00
0.02
0.04
Number of UMI (Million)

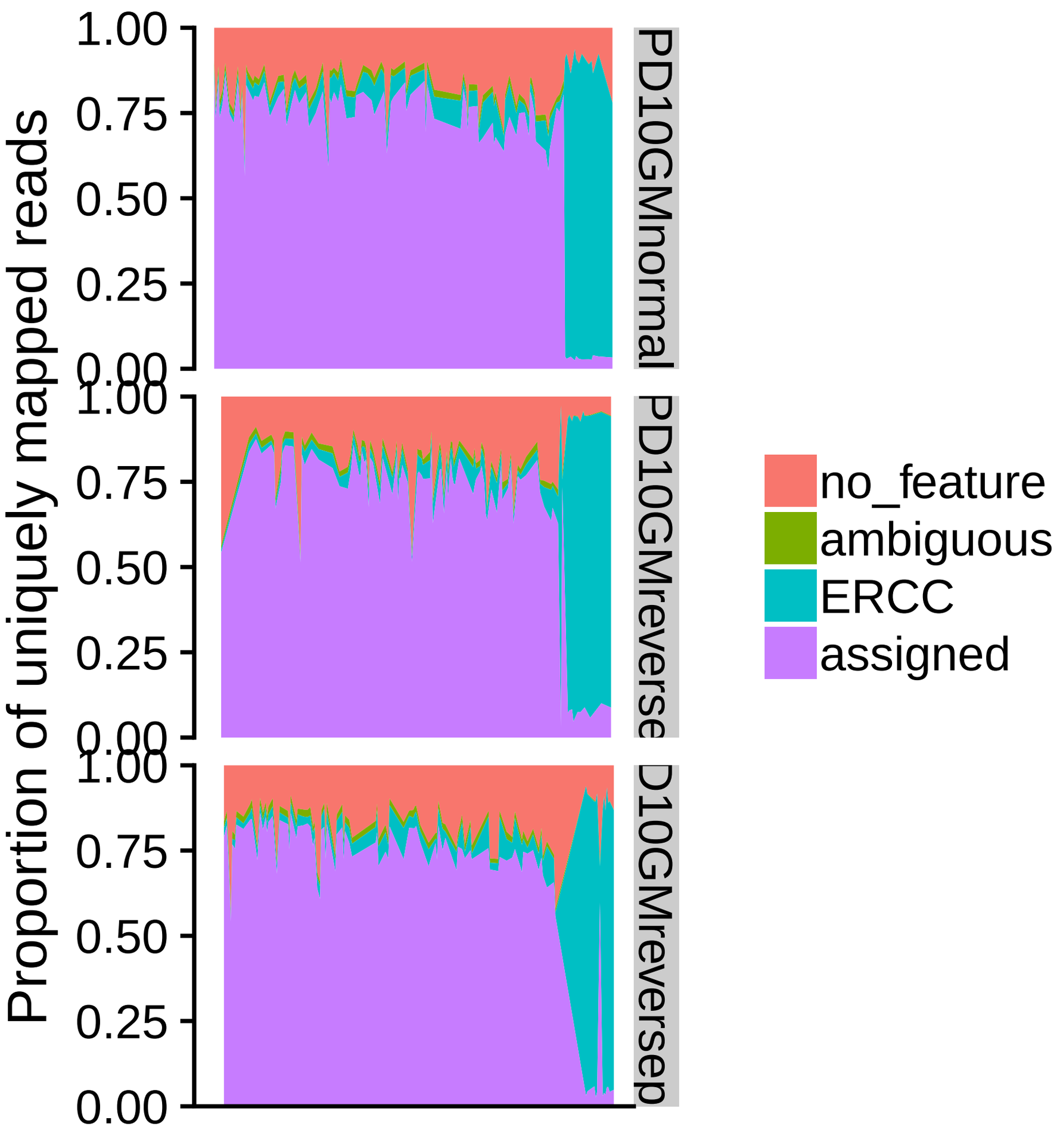

Number of UMI (Million)
0.04
0.02
0.00
0.0
0.1
0.2
0.3
Uniquely mapped reads (Million)

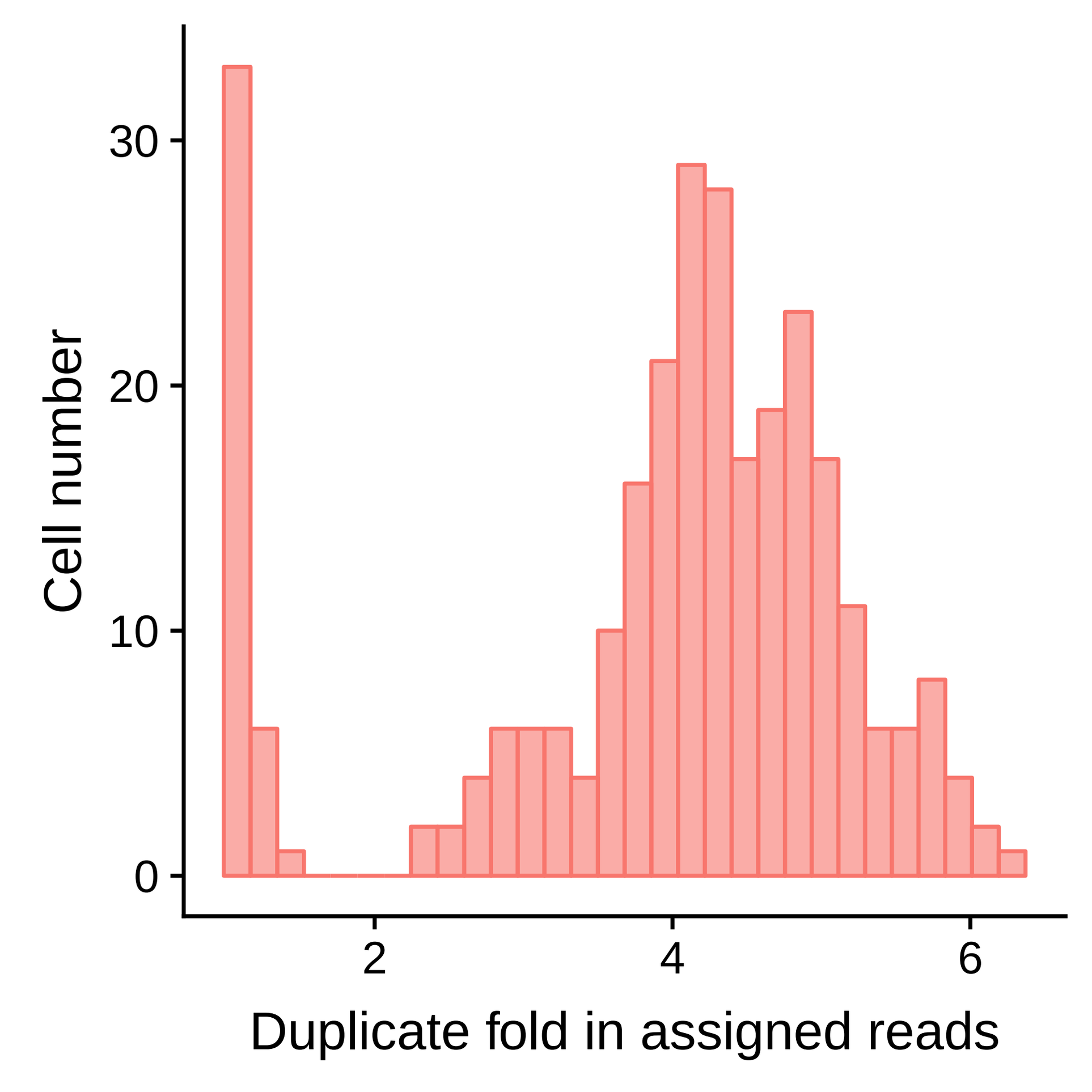

Number of detected genes
6000
4000
2000
0
0.00
0.02
0.04
Number of UMI (Million)

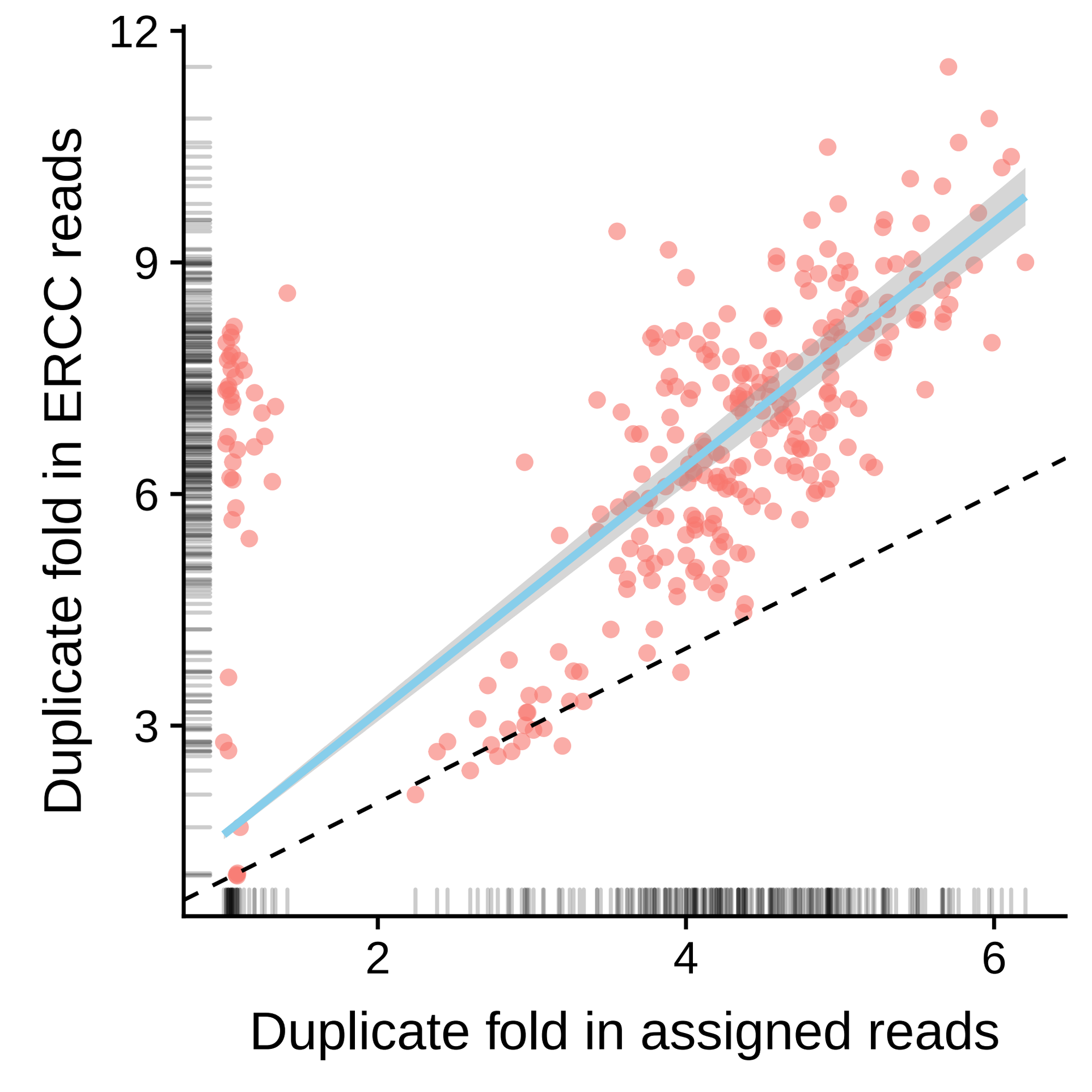

y = 0.78 * x
Assigned UMI number (Million)
0.0
0.1
0.2
0.3
Uniquely mapped reads (Million)
0.0
0.1
0.2
0.3

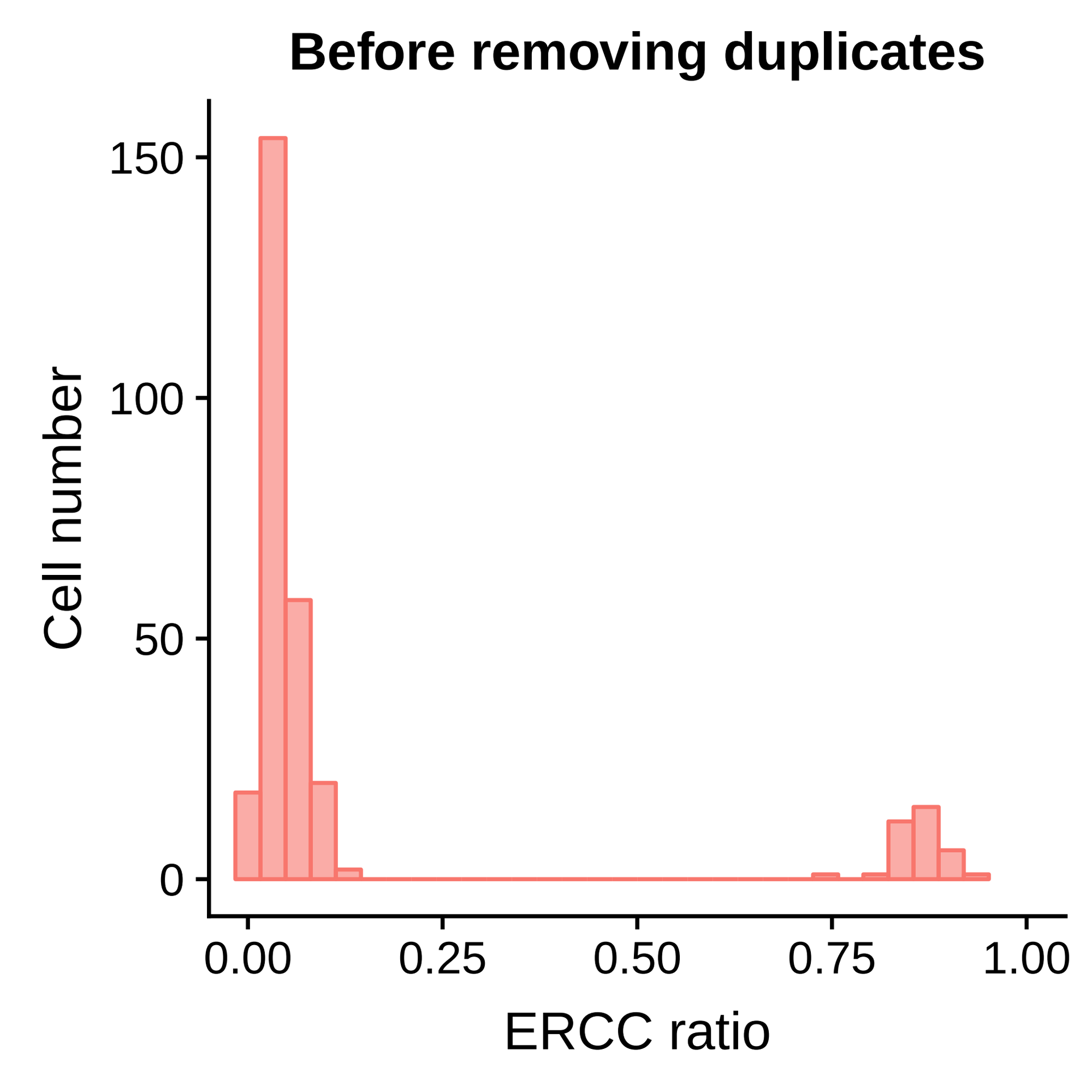

Cell number
40
20
0
0.00
0.25
0.50
0.75
1.00
Ratio of reads in gene locus

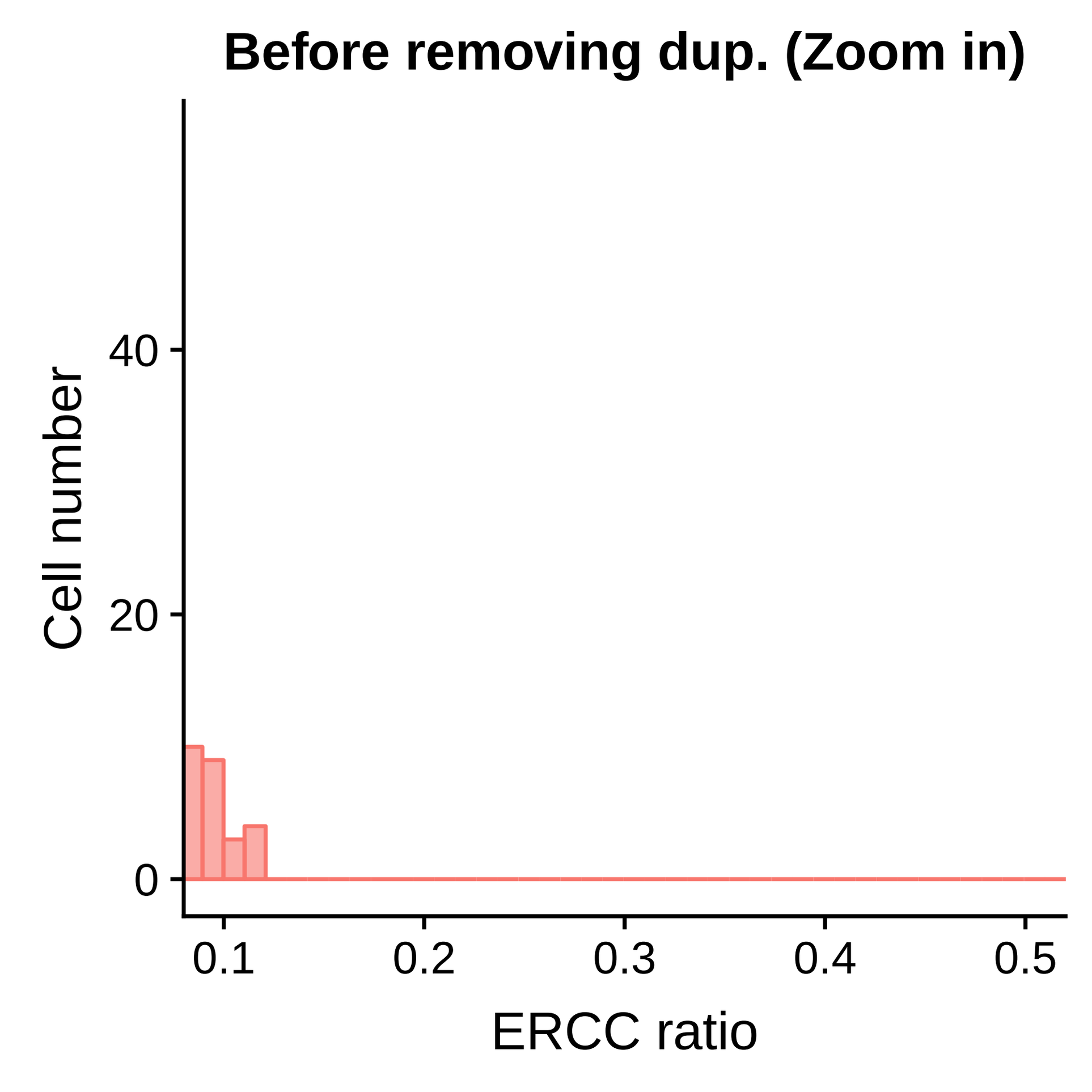

Uniquely mapped reads (Million)
0.3
0.2
0.1
0.0
PD10GMnormal
PD10GMreverse
D10GMreversep
no_feature
ambiguous
ERCC
assigned

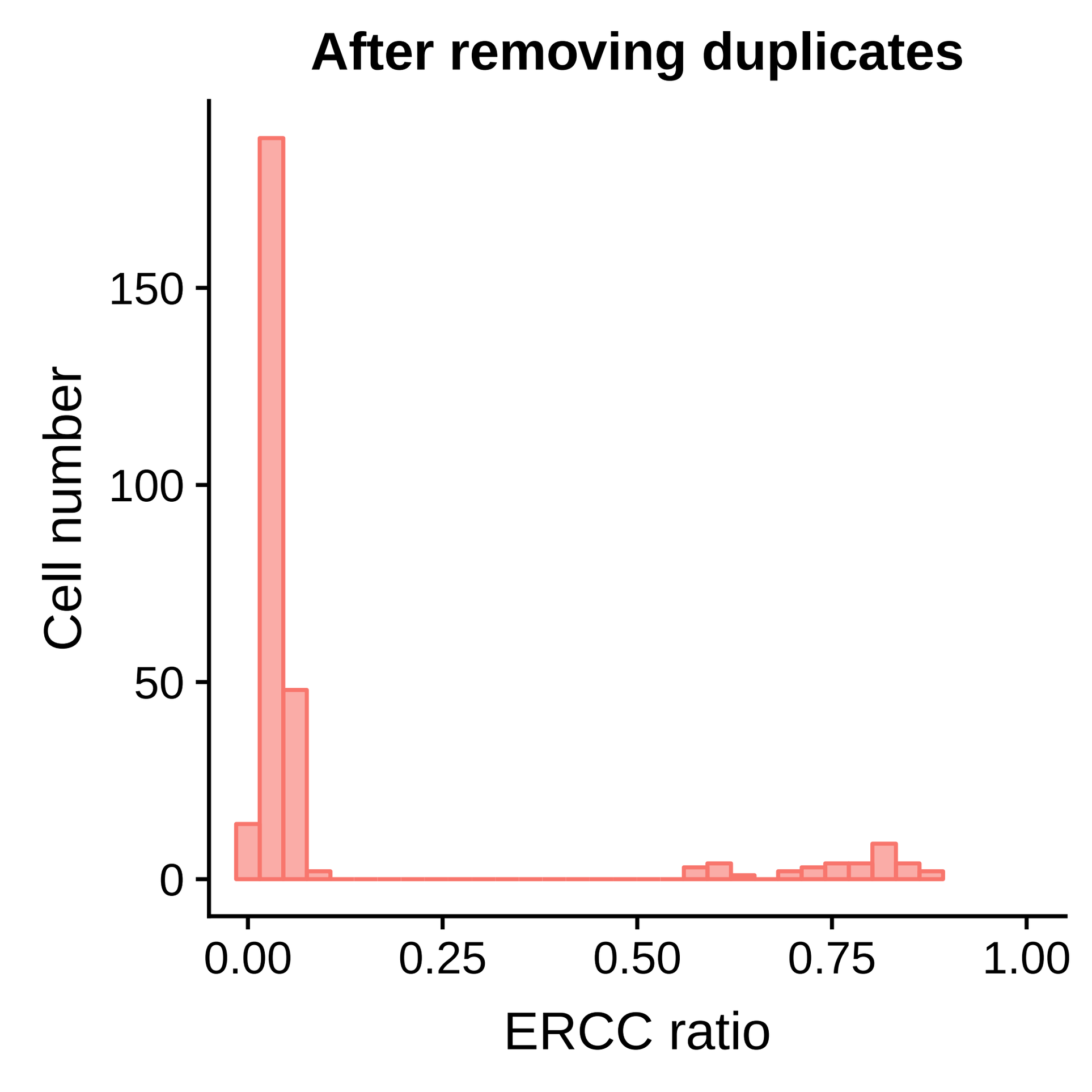

Proportion of uniquely mapped reads
1.00
0.75
0.50
0.25
0.00
PD10GMnormal
PD10GMreverse
D10GMreversep
no_feature
ambiguous
ERCC
assigned

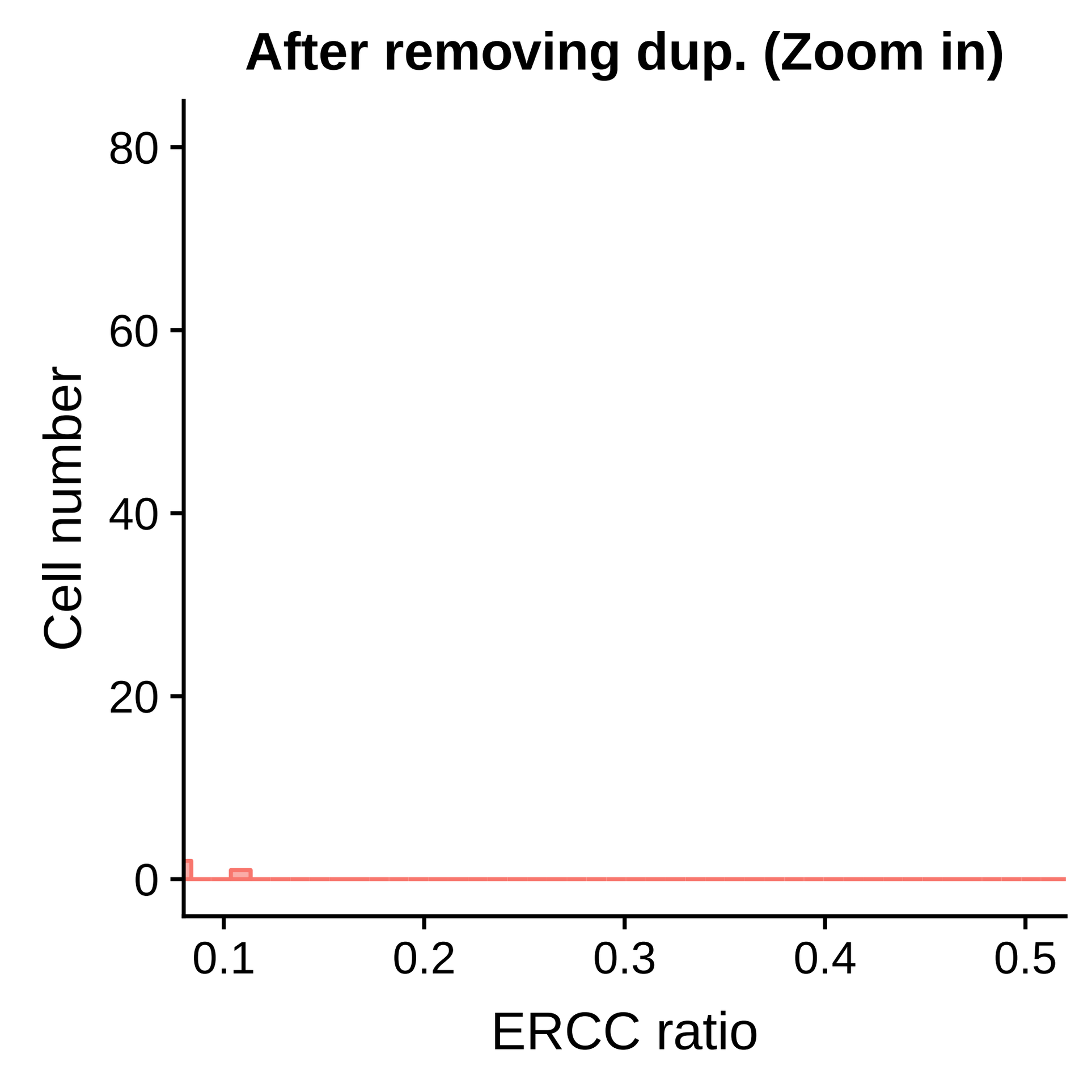

Cell number
30
20
10
0
2
4
6
Duplicate fold in assigned reads

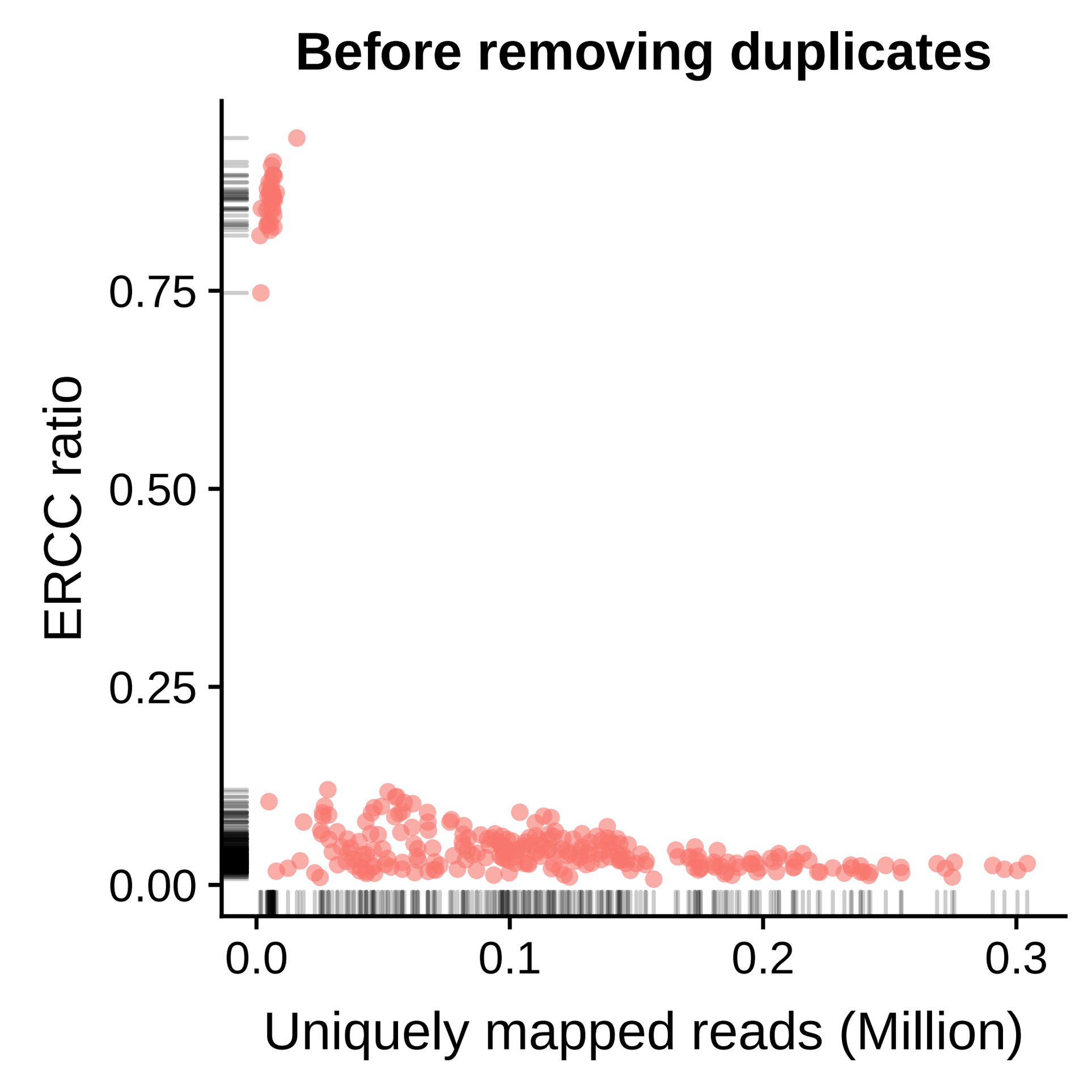

Duplicate fold in ERCC reads
12
9
6
3
2
4
6
Duplicate fold in assigned reads

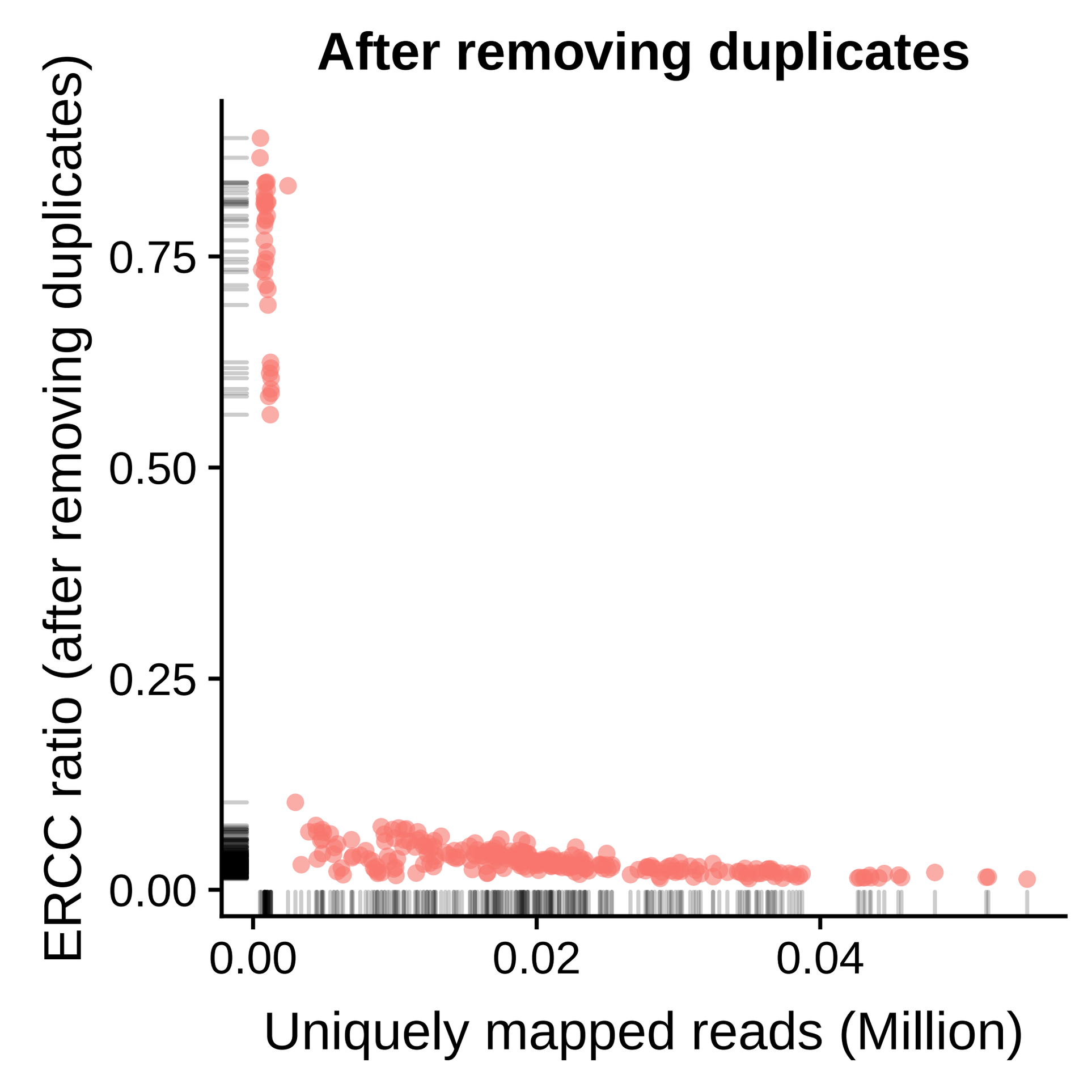

Before removing duplicates
Cell number
150
100
50
0
0.00
0.25
0.50
0.75
1.00
ERCC ratio

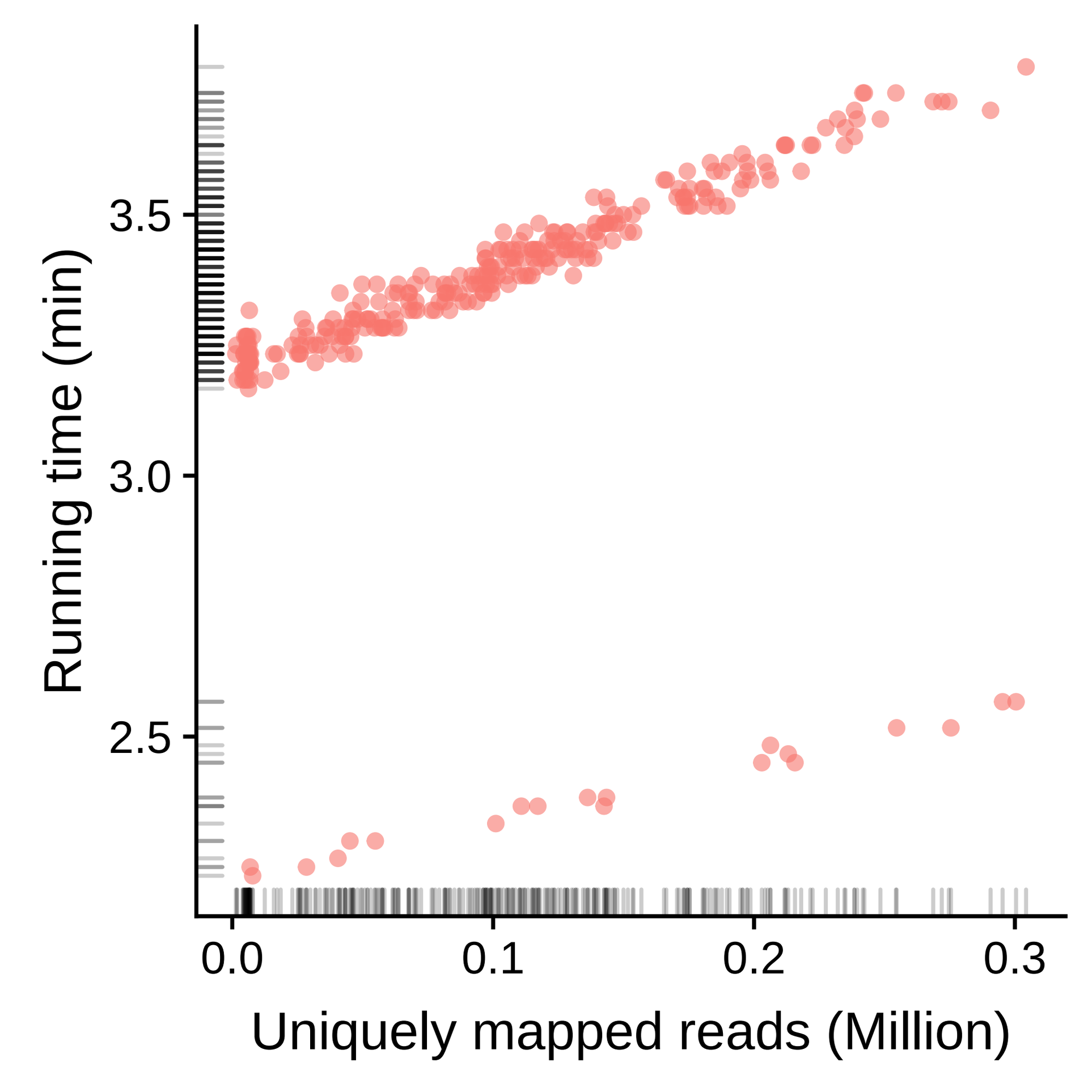

Before removing dup. (Zoom in)
Cell number
40
20
0
0.1
0.2
0.3
0.4
0.5
ERCC ratio


After removing duplicates
Cell number
150
100
50
0
0.00
0.25
0.50
0.75
1.00
ERCC ratio


After removing dup. (Zoom in)
80
60
40
20
0
Cell number
0.1
0.2
0.3
0.4
0.5
ERCC ratio


Before removing duplicates
ERCC ratio
0.75
0.50
0.25
0.00
0.0
0.1
0.2
0.3
Uniquely mapped reads (Million)


After removing duplicates
ERCC ratio (after removing duplicates)
0.75
0.50
0.25
0.00
0.00
0.02
0.04
Uniquely mapped reads (Million)


Running time (min)
3.5
3.0
2.5
0.0
0.1
0.2
0.3
Uniquely mapped reads (Million)