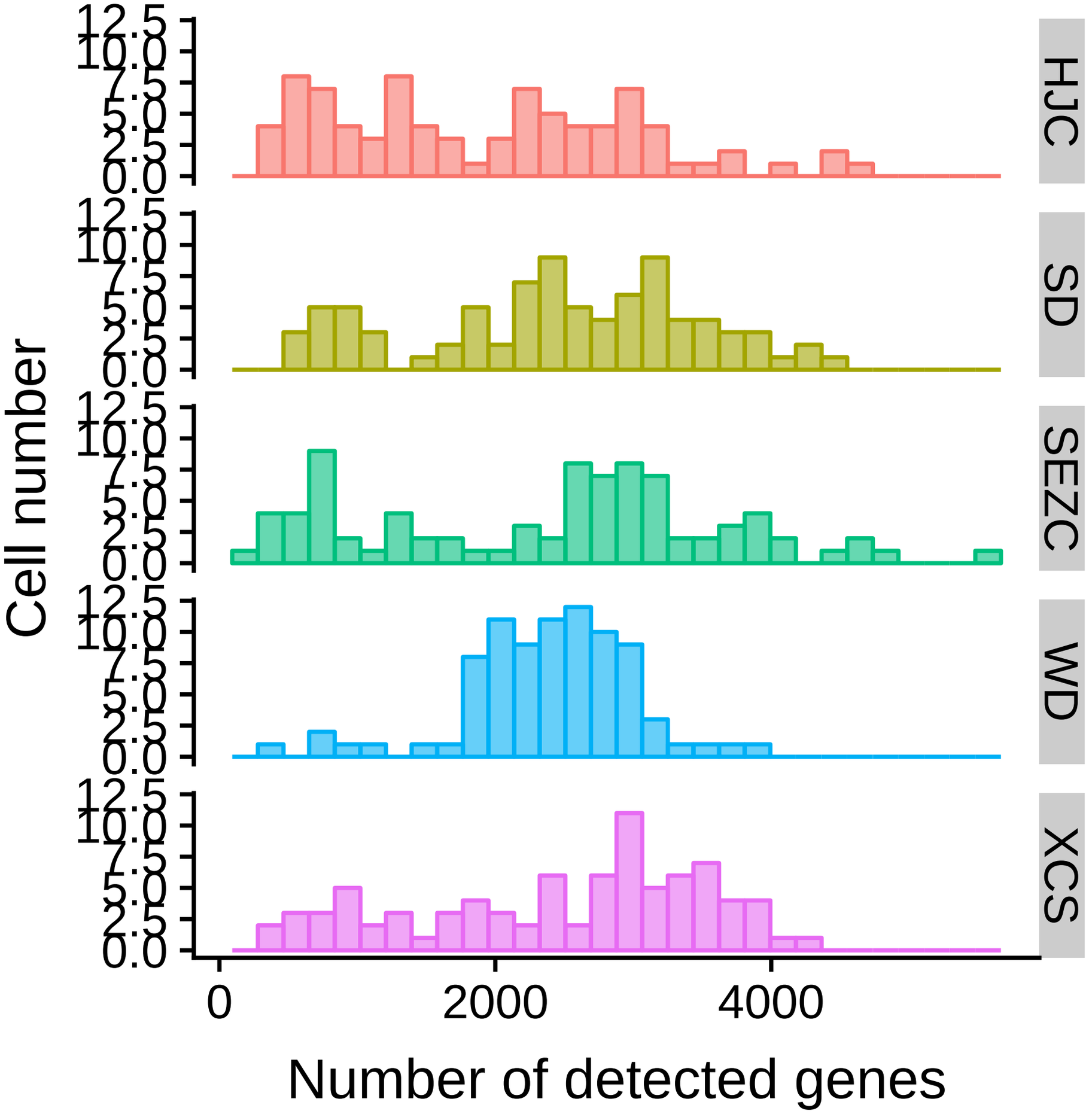
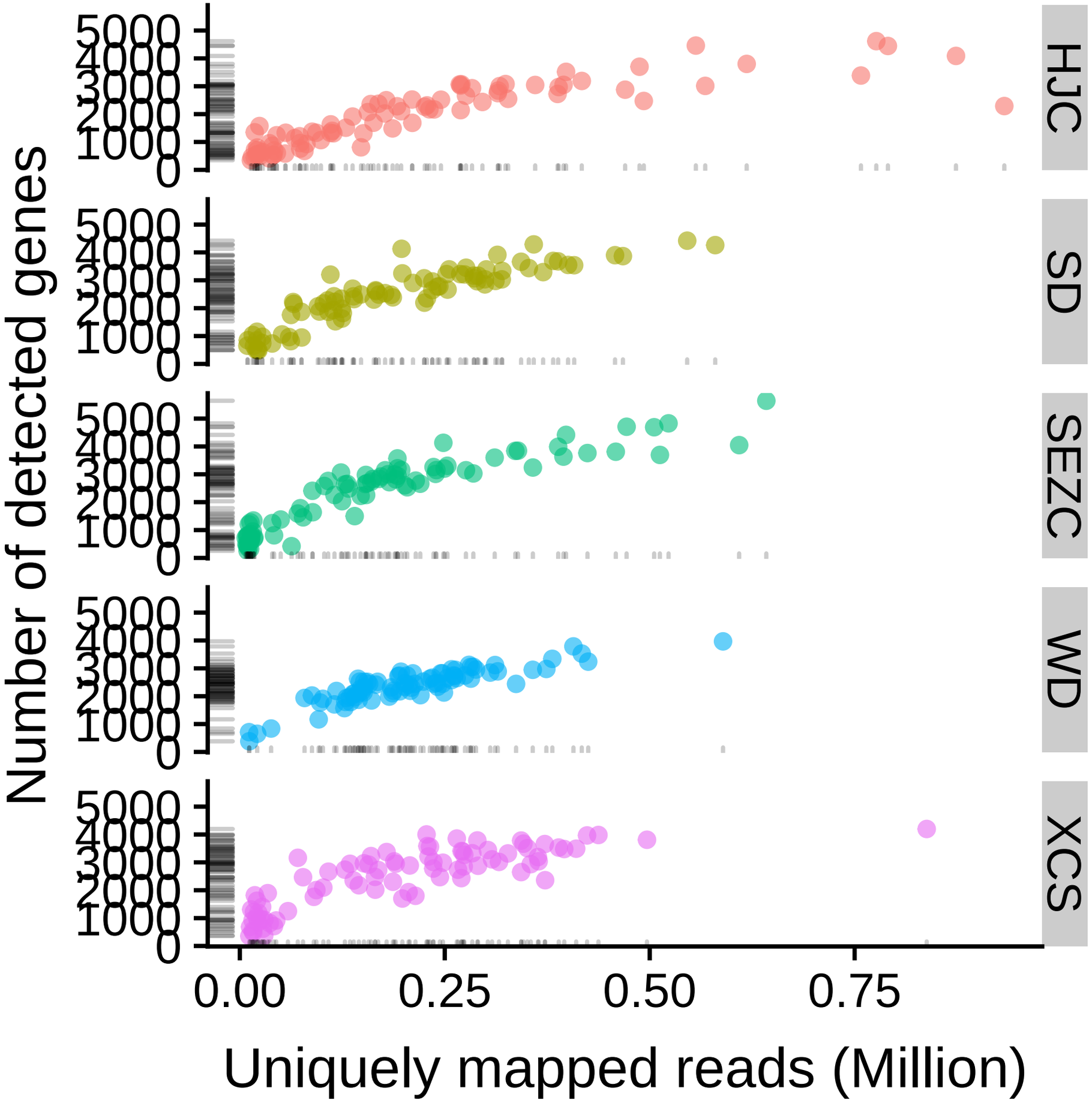
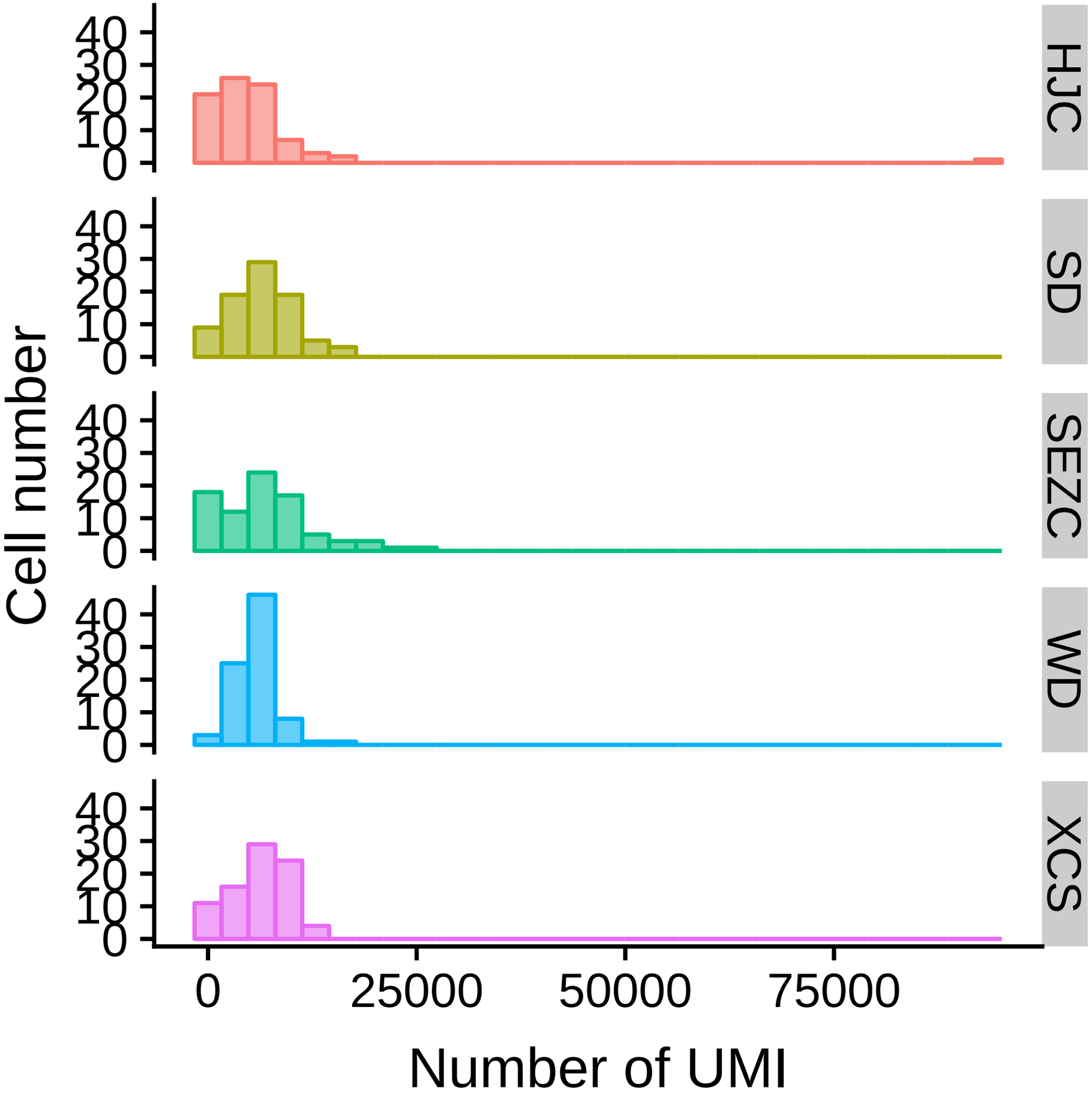
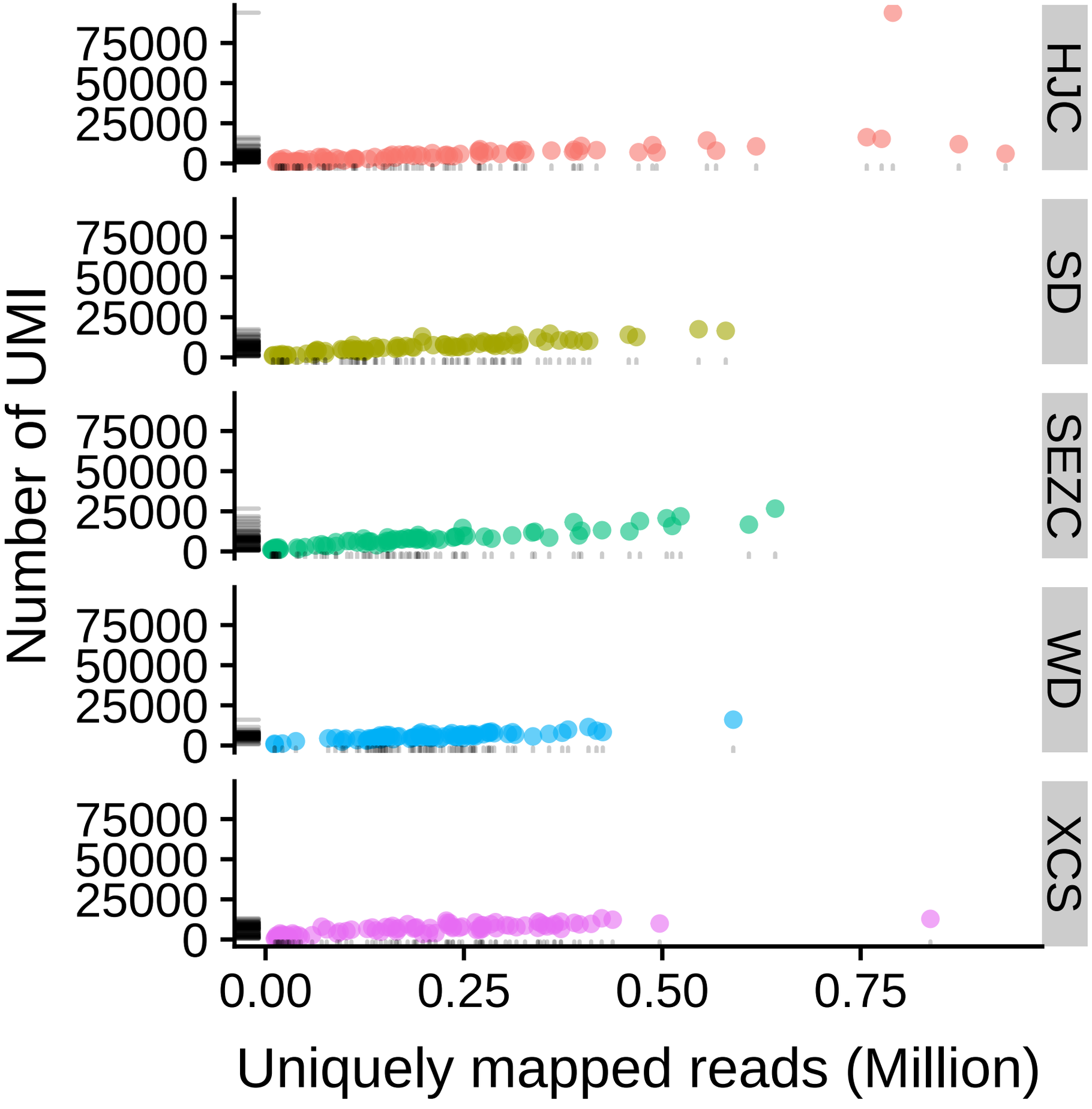
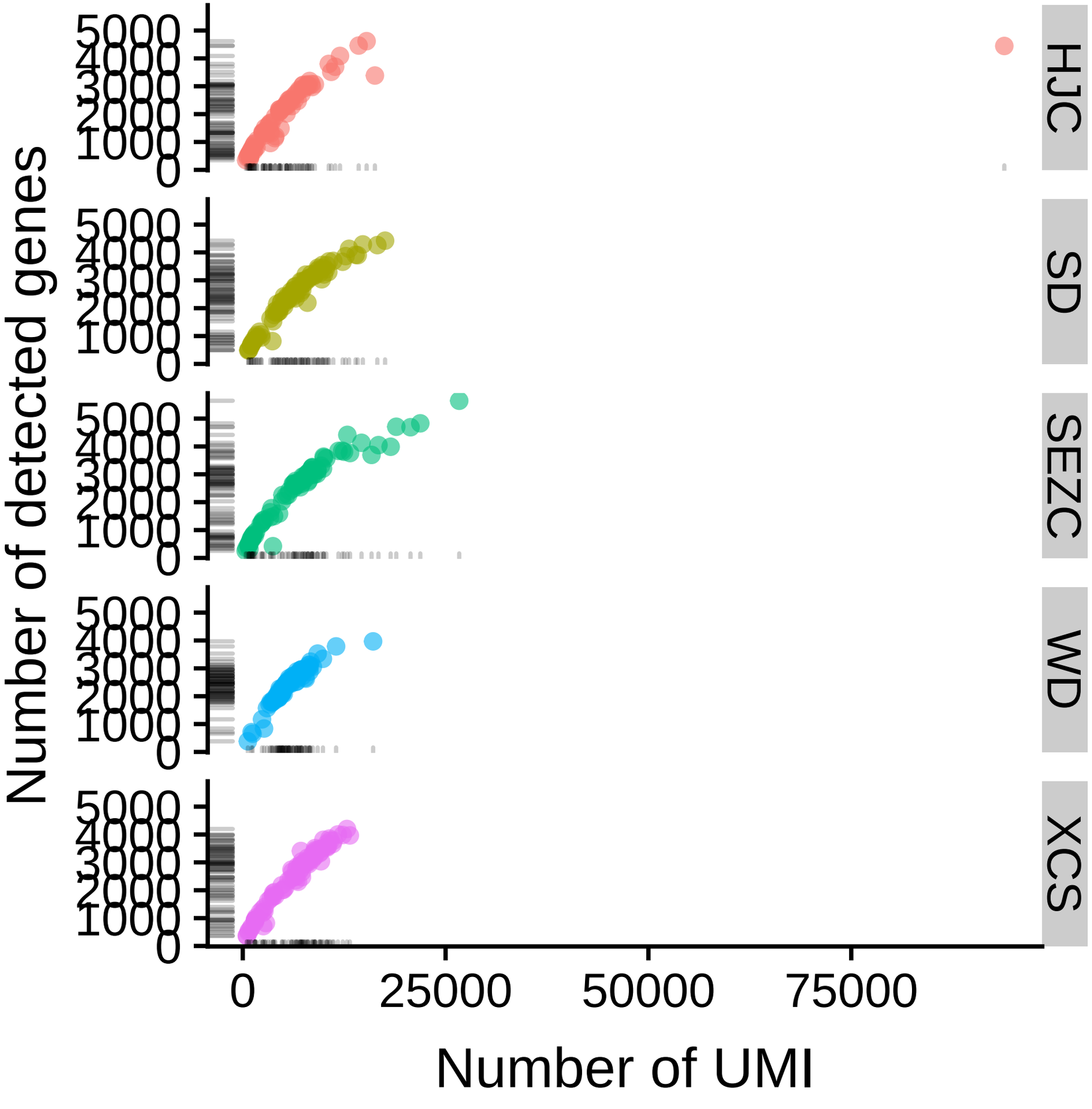
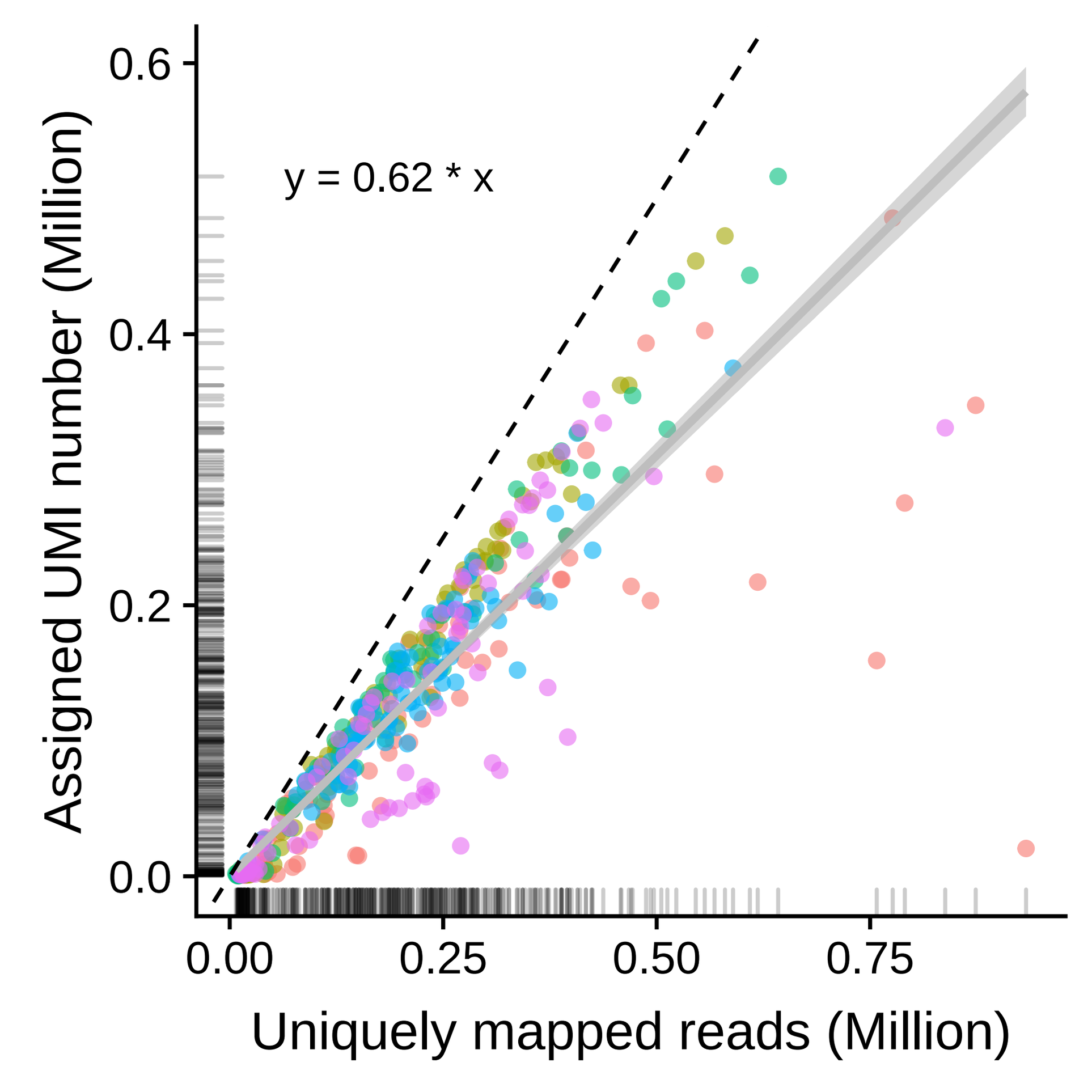

Cell number
0
2000
4000
Number of detected genes
HJC
SD
SEZC
WD
XCS

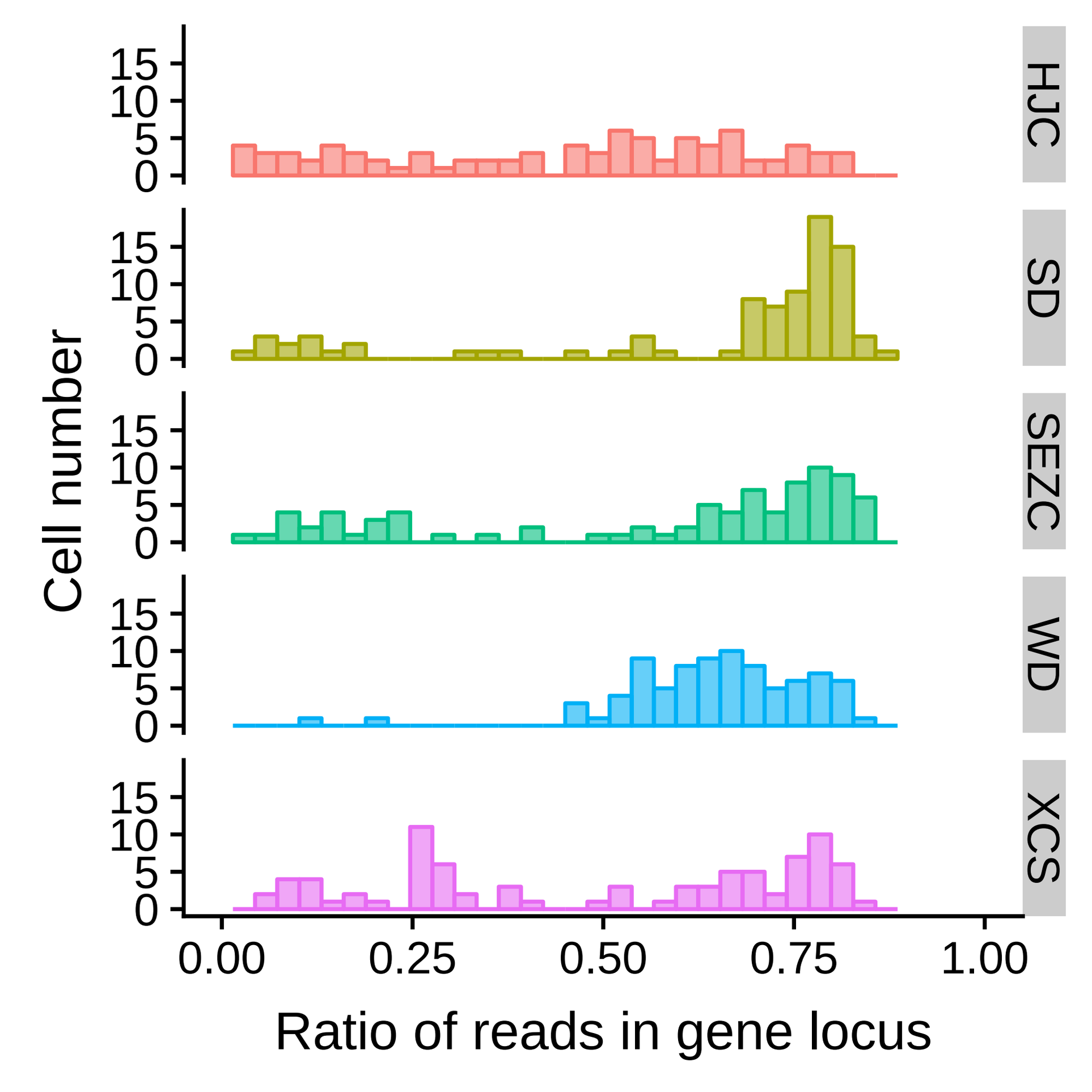

Number of detected genes
0
1000
2000
3000
4000
5000
HJC
SD
SEZC
WD
XCS
0.00
0.25
0.50
0.75
Uniquely mapped reads (Million)

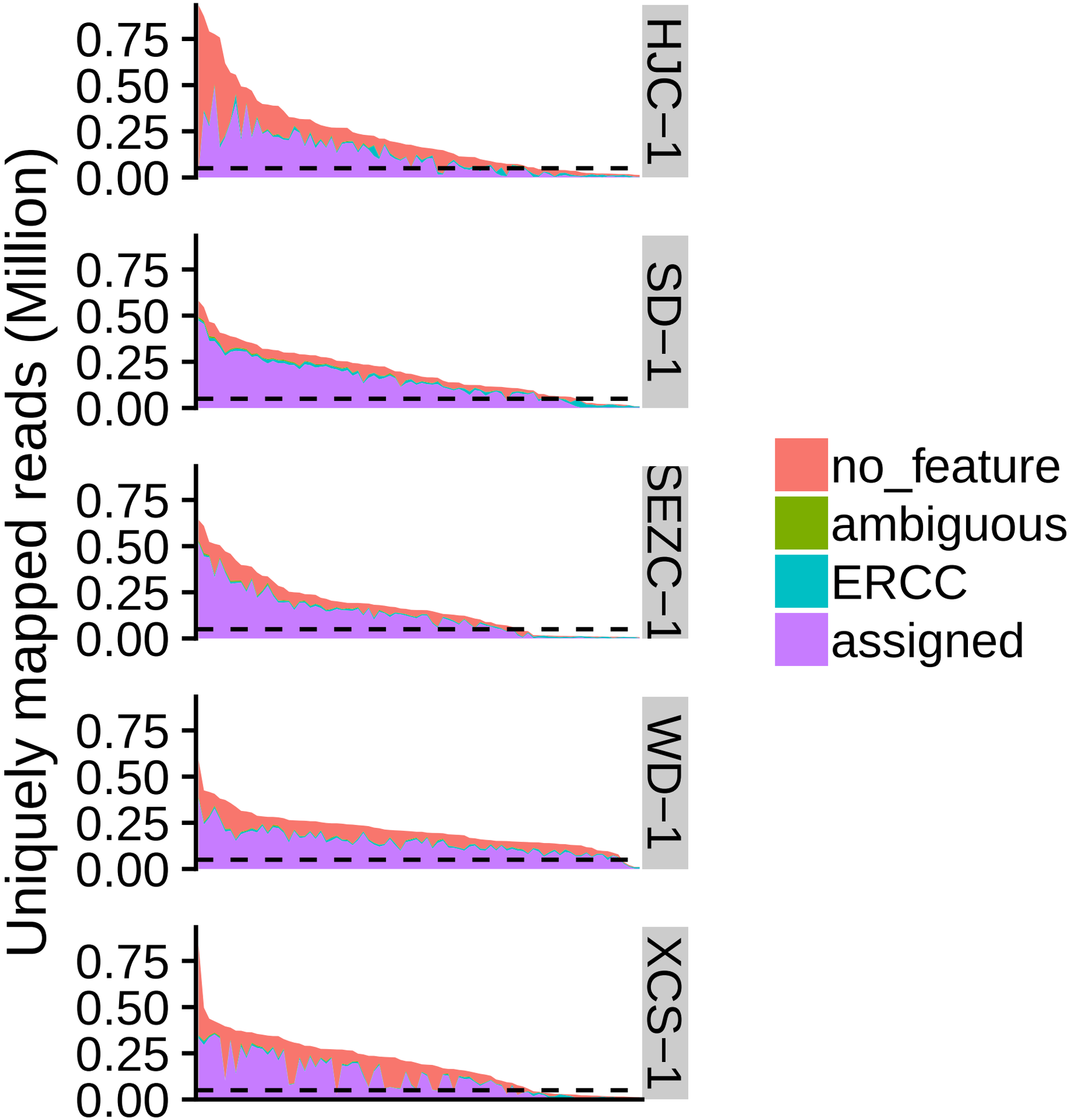

Cell number
0
100
200
300
400
HJC
SD
SEZC
WD
XCS
0
25000
50000
75000
Number of UMI

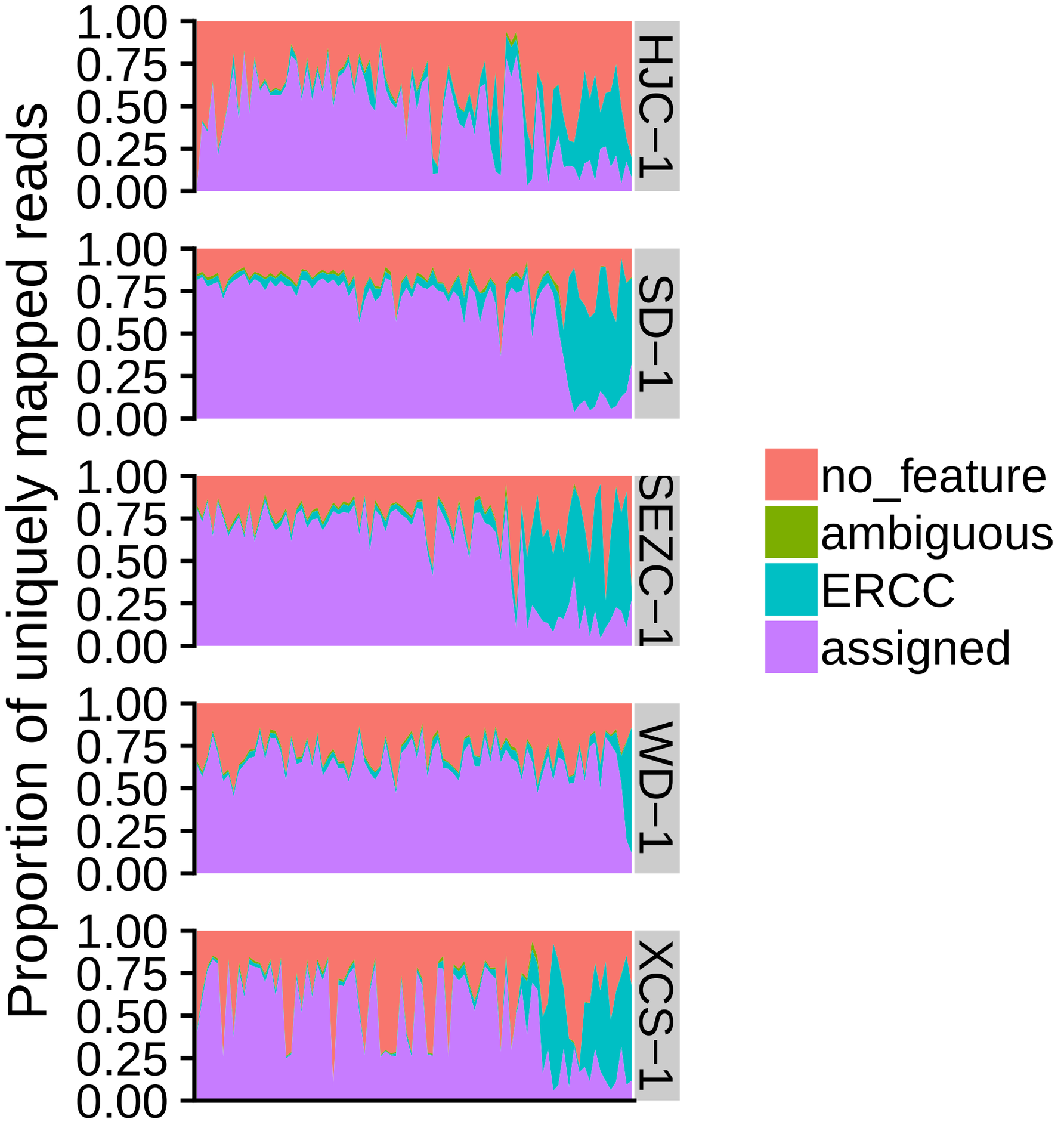

Number of UMI
75000
50000
25000
0
HJC
SD
SEZC
WD
XCS
0.00
0.25
0.50
0.75
Uniquely mapped reads (Million)


Number of detected genes
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
HJC
SD
SEZC
WD
XCS
0
25000
50000
75000
Number of UMI

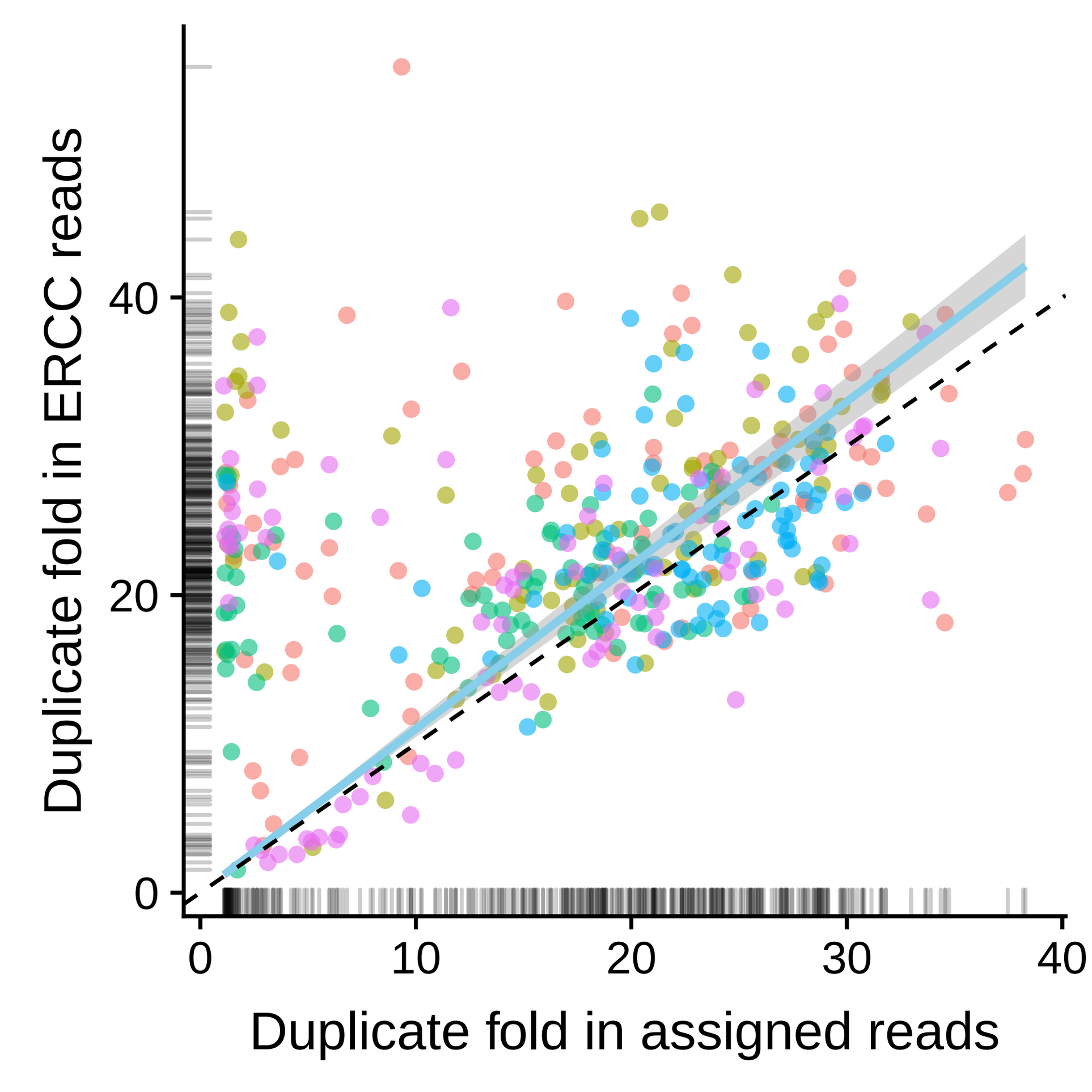

y = 0.62 * x
Assigned UMI number (Million)
0.6
0.4
0.2
0.0
0.00
0.25
0.50
0.75
Uniquely mapped reads (Million)

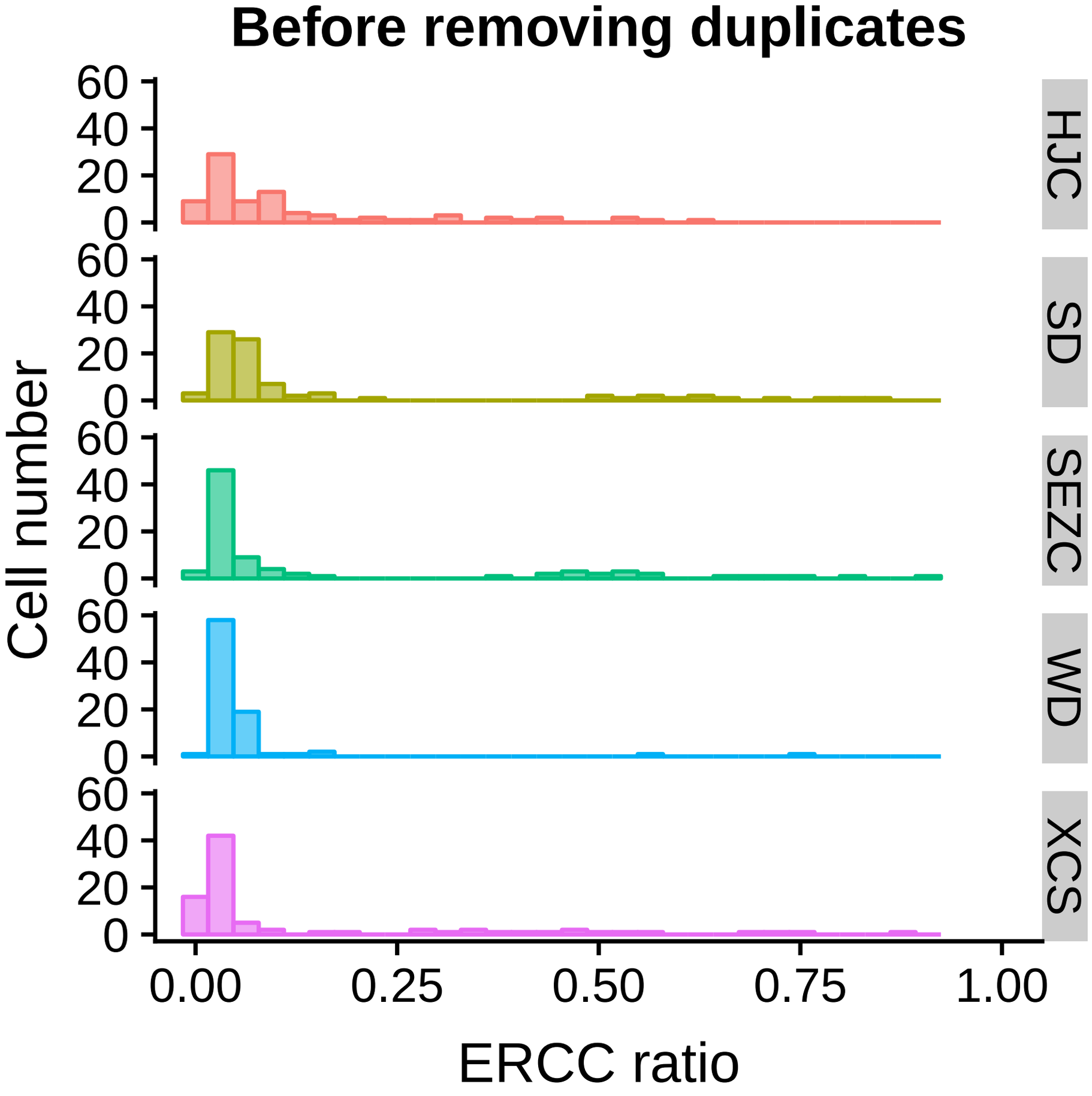

Cell number
15
10
5
0
HJC
SD
SEZC
WD
XCS
0.00
0.25
0.50
0.75
1.00
Ratio of reads in gene locus

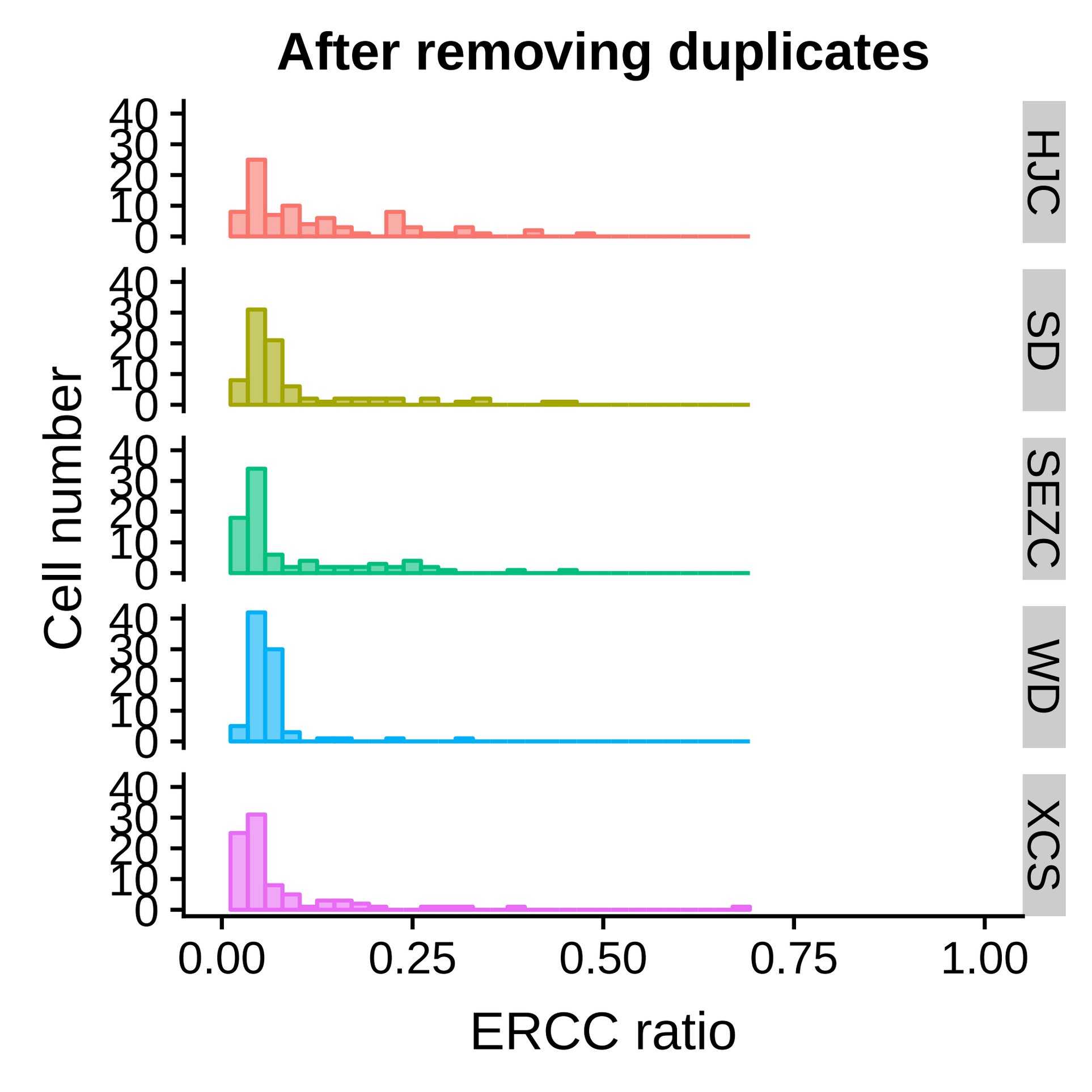

Uniquely mapped reads (Million)
0.75
0.50
0.25
0.00
HJC−1
SD−1
SEZC−1
WD−1
XCS−1
no_feature
ambiguous
ERCC
assigned

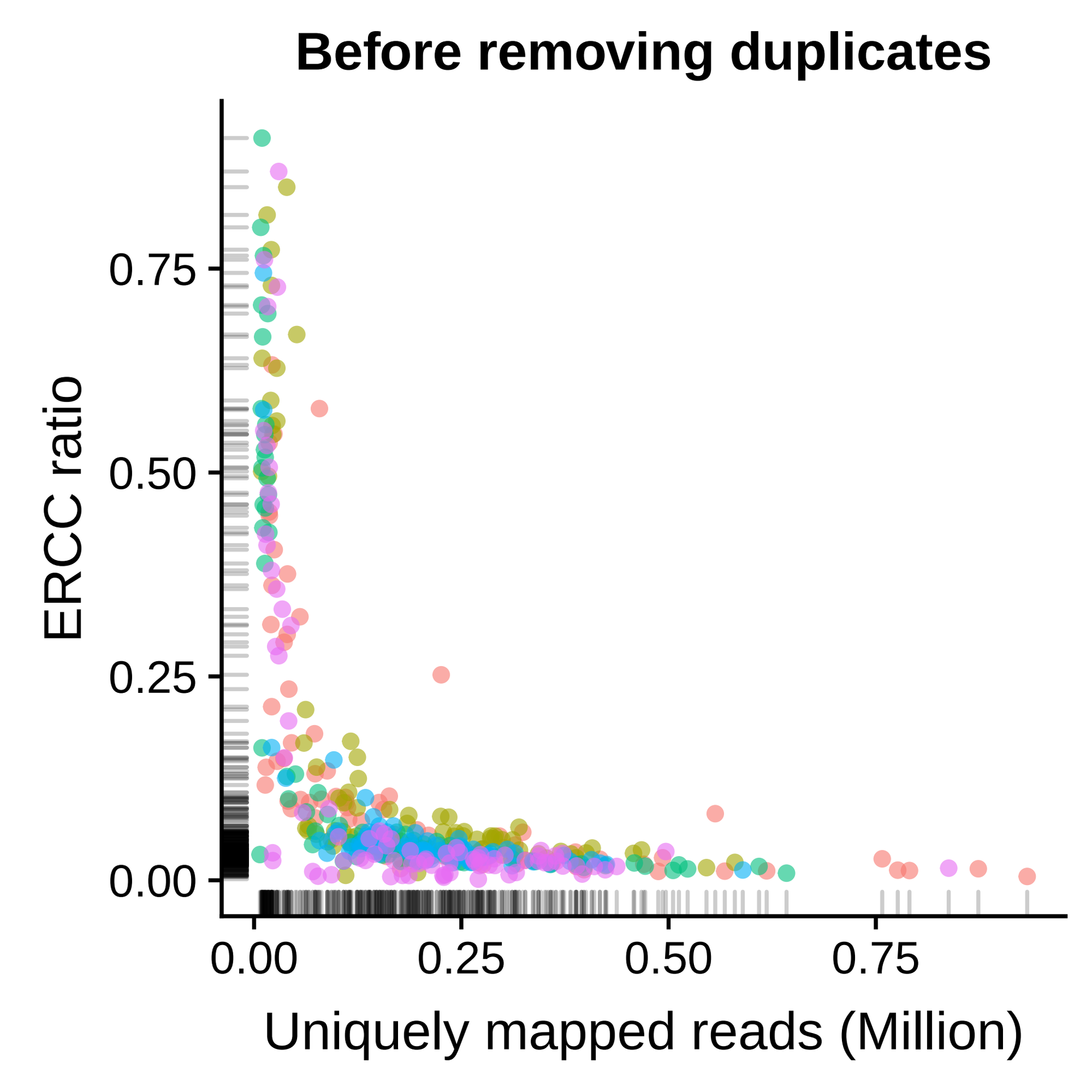

Proportion of uniquely mapped reads
1.00
0.75
0.50
0.25
0.00
HJC−1
SD−1
SEZC−1
WD−1
XCS−1
no_feature
ambiguous
ERCC
assigned

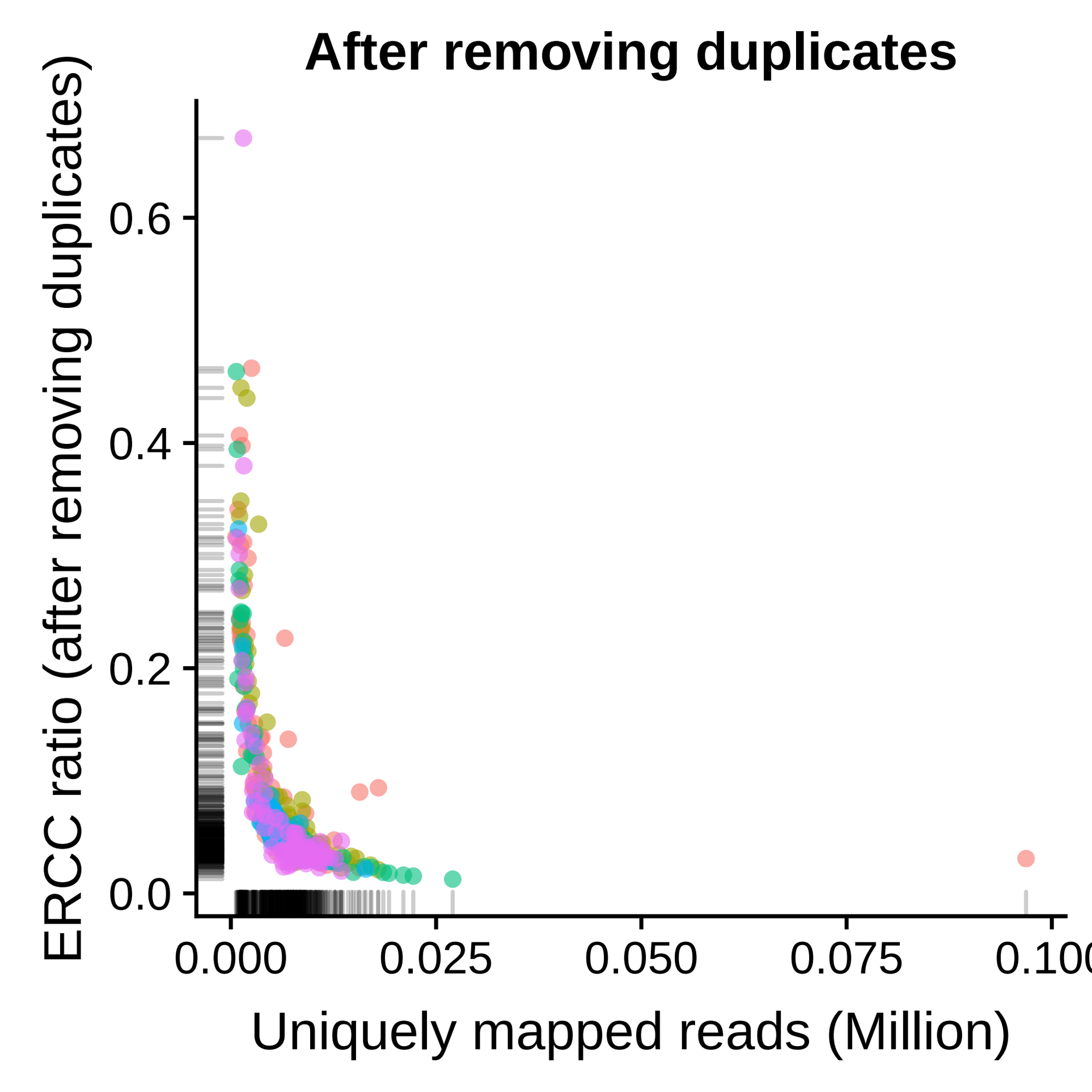
Cell number
15
10
5
0
HJC
SD
SEZC
WD
XCS
0
10
20
30
40
Duplicate fold in assigned reads

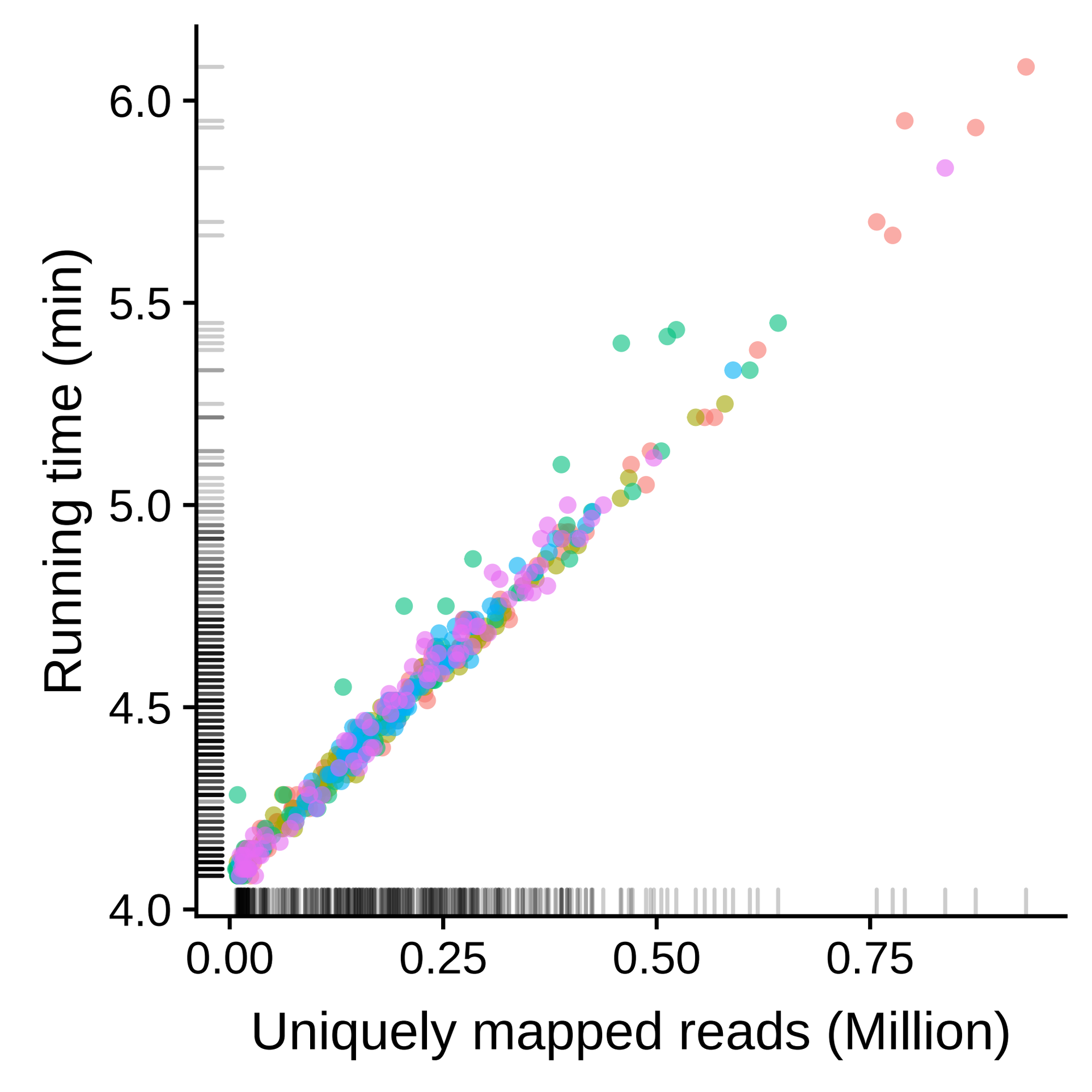

Duplicate fold in ERCC reads
0
20
40
0
10
20
30
40
Duplicate fold in assigned reads


Before removing duplicates
Cell number
60
40
20
0
HJC
SD
SEZC
WD
XCS
0.00
0.25
0.50
0.75
1.00
ERCC ratio


After removing duplicates
Cell number
0
10
20
30
40
HJC
SD
SEZC
WD
XCS
0.00
0.25
0.50
0.75
1.00
ERCC ratio


Before removing duplicates
ERCC ratio
0.75
0.50
0.25
0.00
0.00
0.25
0.50
0.75
Uniquely mapped reads (Million)


After removing duplicates
ERCC ratio (after removing duplicates)
0.6
0.4
0.2
0.0
0.000
0.025
0.050
0.075
0.100
Uniquely mapped reads (Million)


Running time (min)
6.0
5.5
5.0
4.5
4.0
0.00
0.25
0.50
0.75
Uniquely mapped reads (Million)