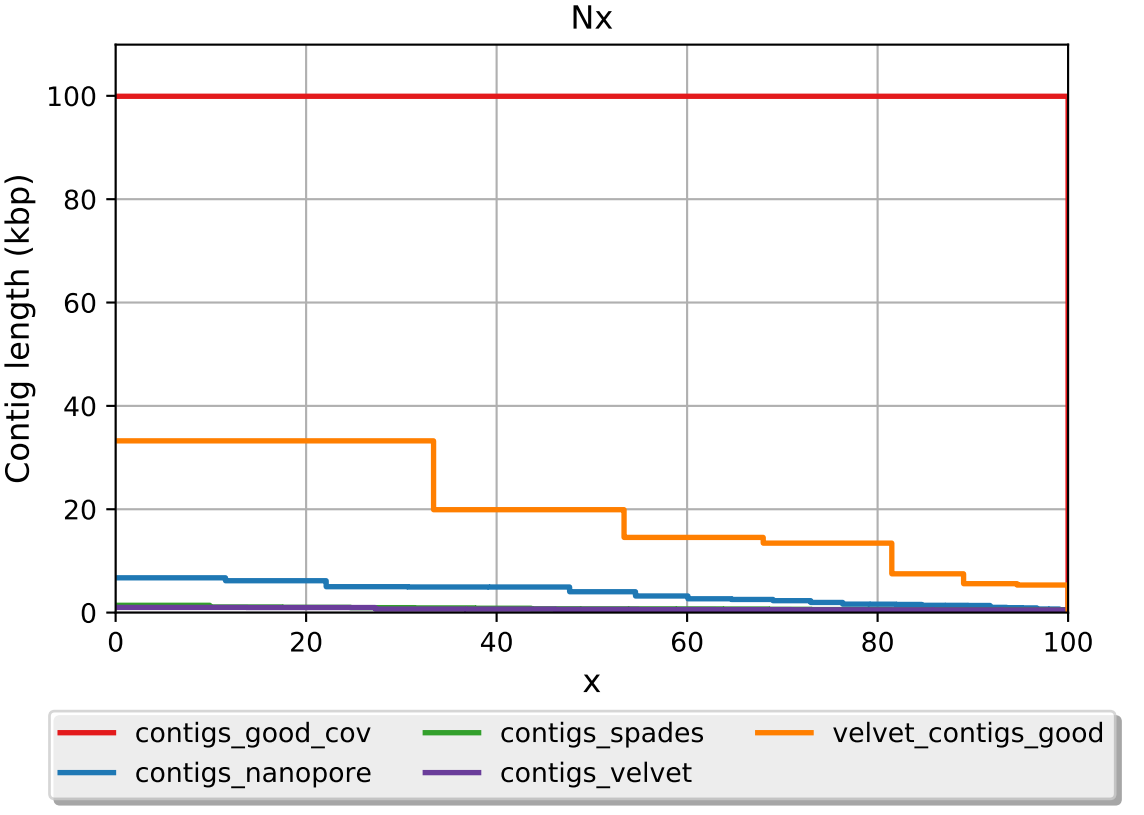
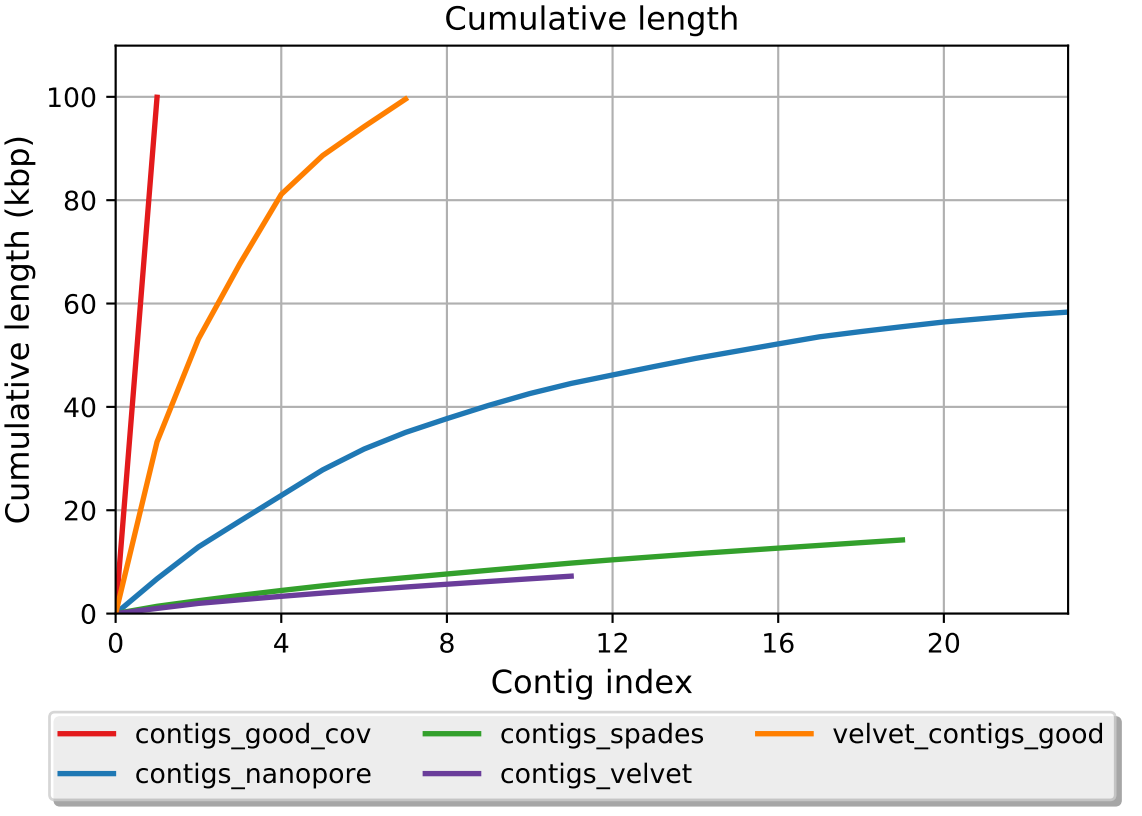
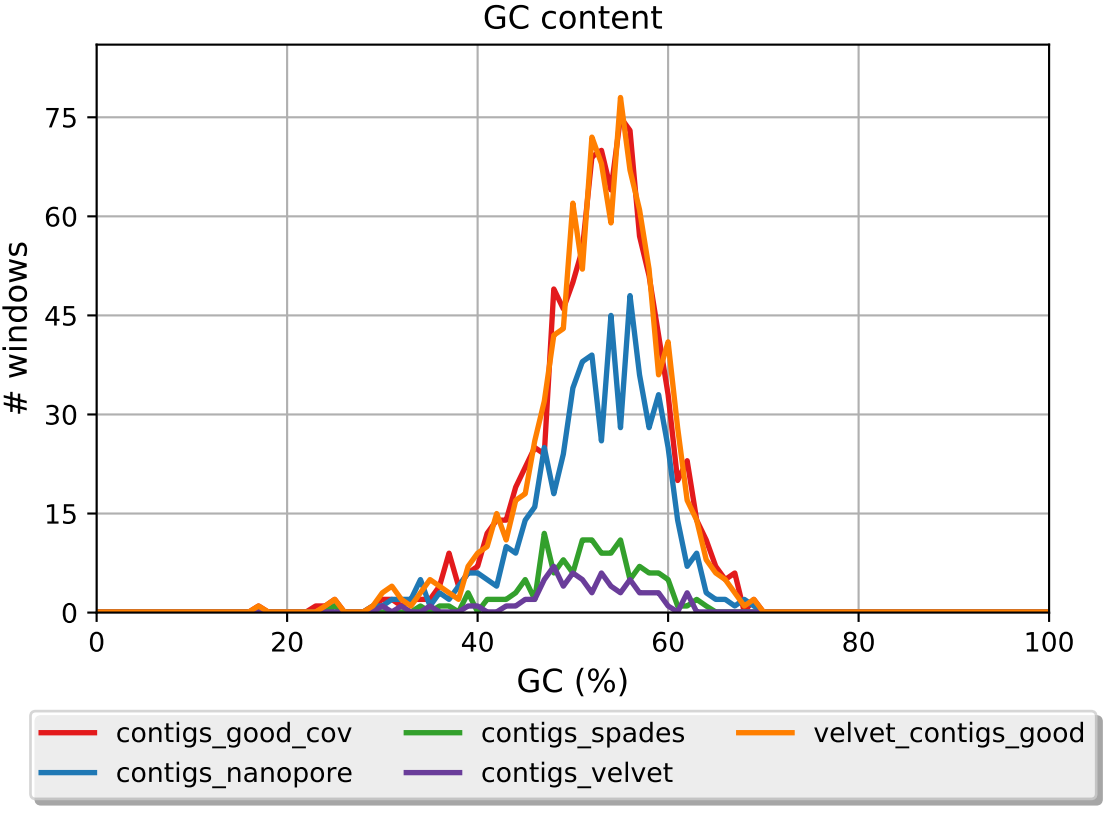
Report

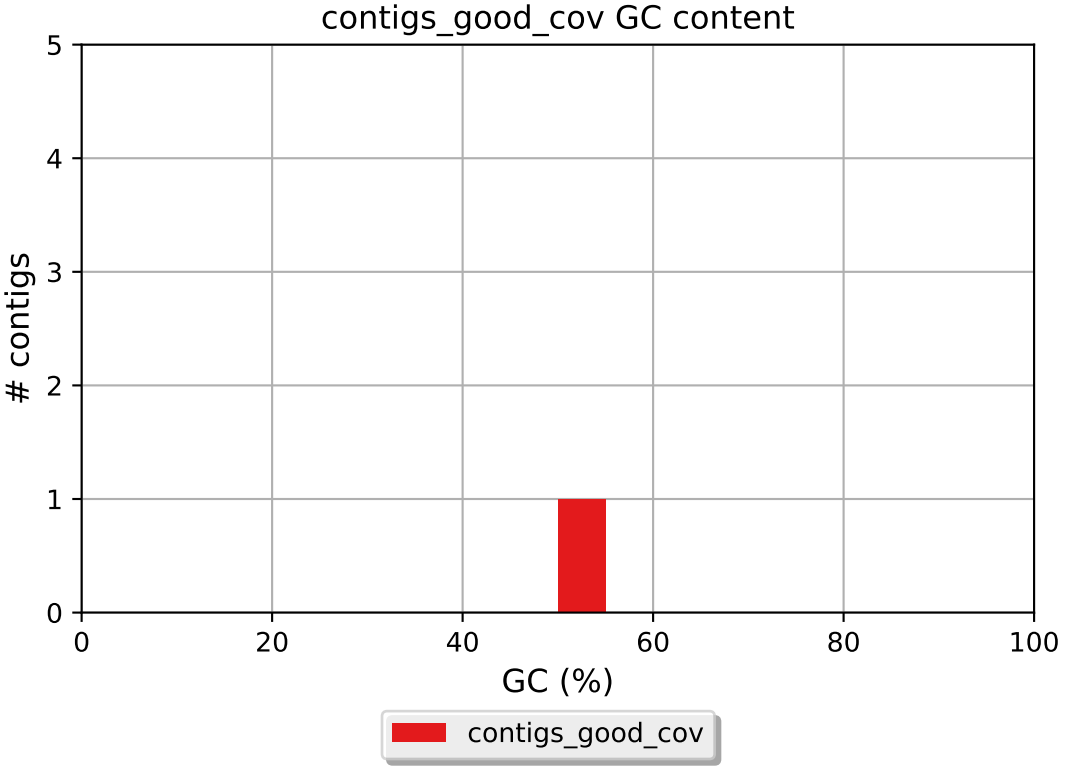
	contigs_good_cov	contigs_nanopore	contigs_spades	contigs_velvet	velvet_contigs_good
# contigs (>= 0 bp)	2	64	123	305	11
# contigs (>= 1000 bp)	1	18	3	0	7
# contigs (>= 5000 bp)	1	3	0	0	7
# contigs (>= 10000 bp)	1	0	0	0	4
# contigs (>= 25000 bp)	1	0	0	0	1
# contigs (>= 50000 bp)	1	0	0	0	0
Total length (>= 0 bp)	100026	70165	46717	56973	100061
Total length (>= 1000 bp)	99915	54576	3514	0	99562
Total length (>= 5000 bp)	99915	17908	0	0	99562
Total length (>= 10000 bp)	99915	0	0	0	81134
Total length (>= 25000 bp)	99915	0	0	0	33235
Total length (>= 50000 bp)	99915	0	0	0	0
# contigs	1	23	19	11	7
Largest contig	99915	6731	1409	998	33235
Total length	99915	58343	14250	7243	99562
GC (%)	52.58	52.39	51.43	50.71	52.58
N50	99915	4036	718	632	19911
N75	99915	1961	587	542	13440
L50	1	6	8	5	2
L75	1	11	13	8	4
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00

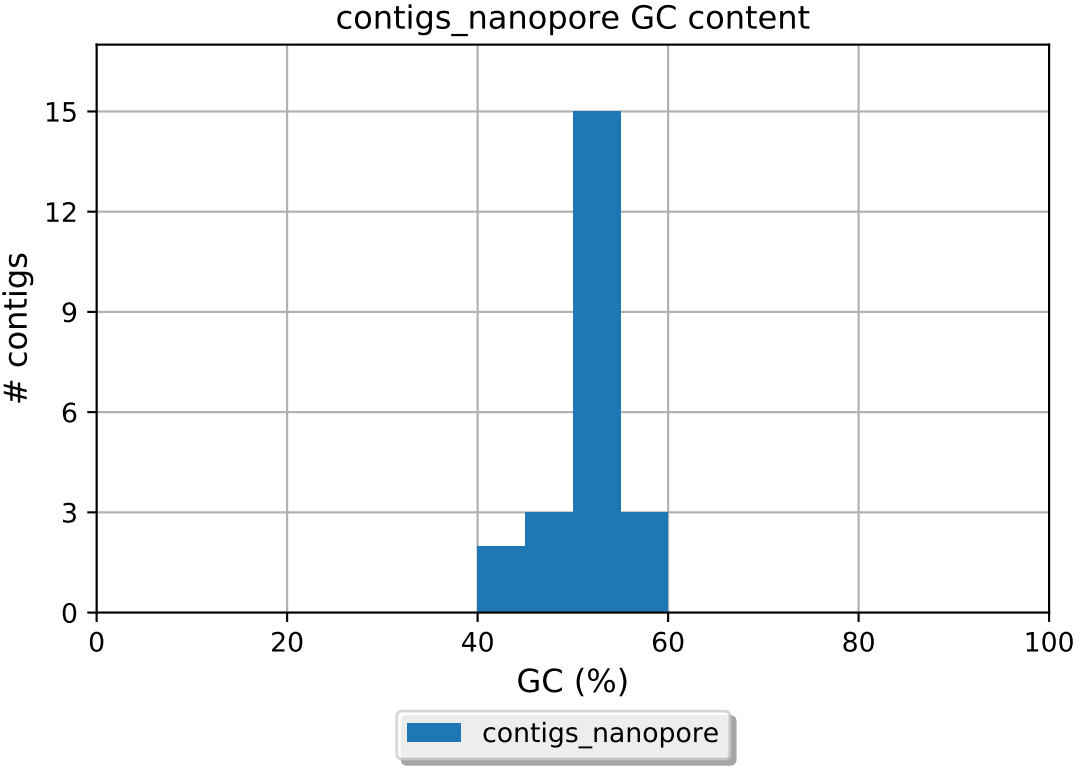
All statistics are based on contigs of size >= 500 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

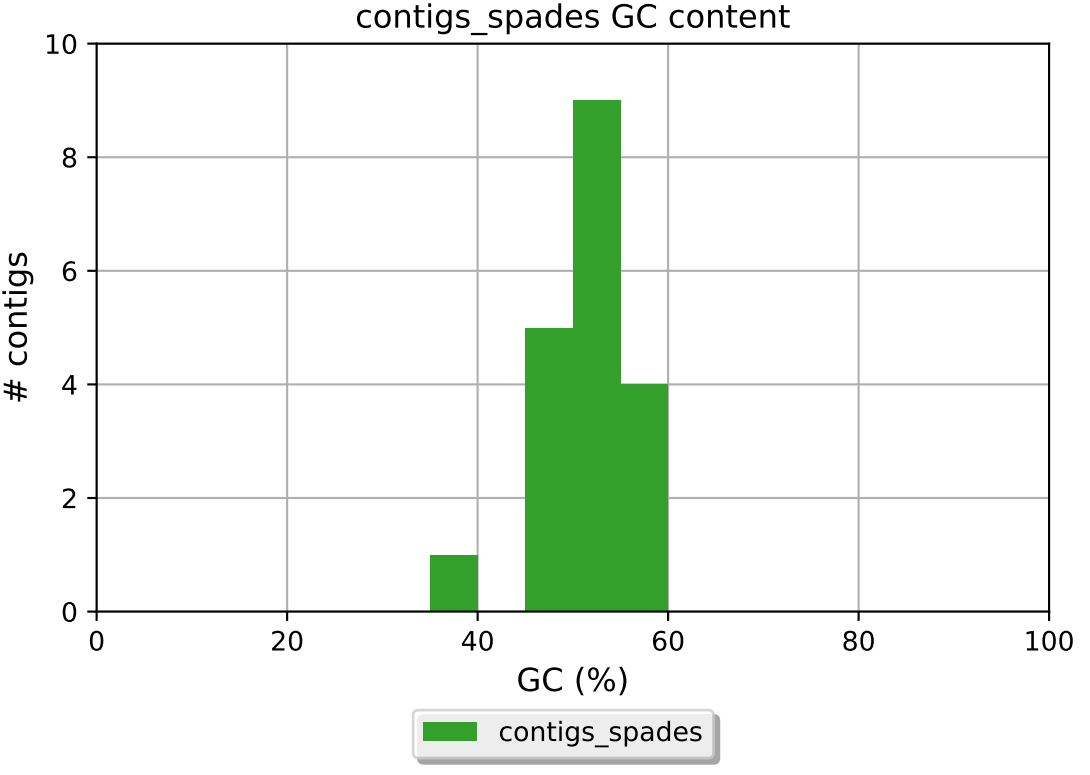

Nx
Contig length (kbp)
100
80
60
40
20
0
0
20
40
60
80
100
x
contigs_good_cov
contigs_nanopore
contigs_spades
contigs_velvet
velvet_contigs_good

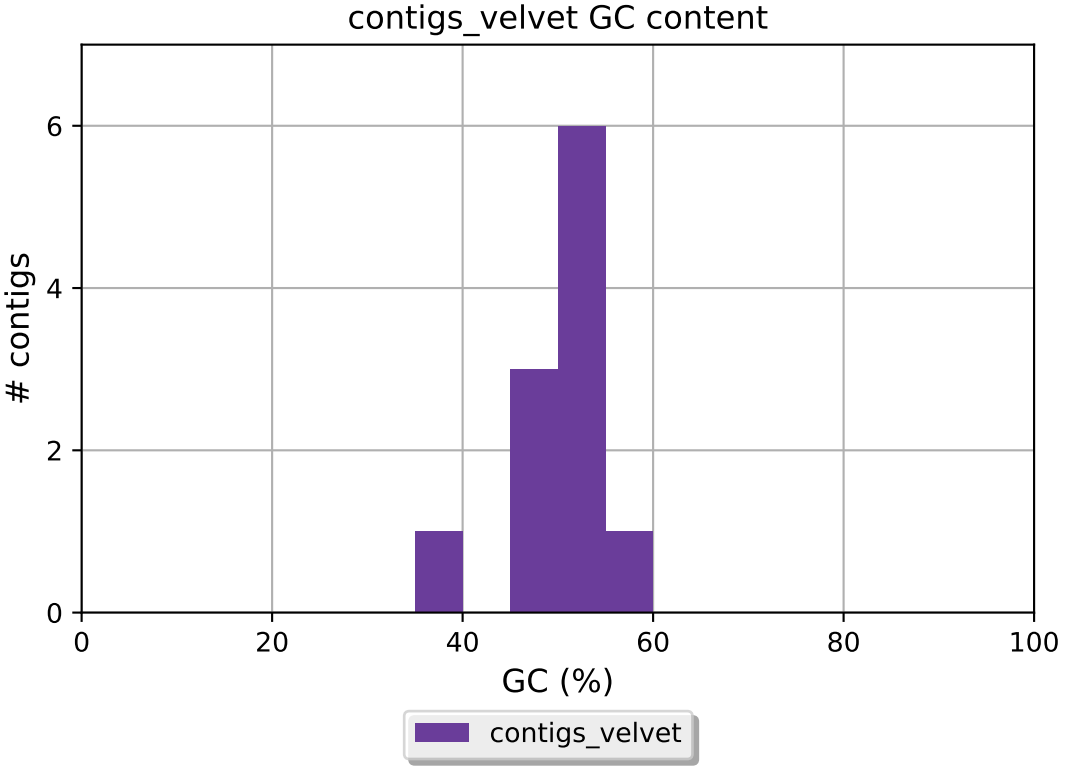

Cumulative length
Cumulative length (kbp)
100
80
60
40
20
0
0
4
8
12
16
20
Contig index
contigs_good_cov
contigs_nanopore
contigs_spades
contigs_velvet
velvet_contigs_good

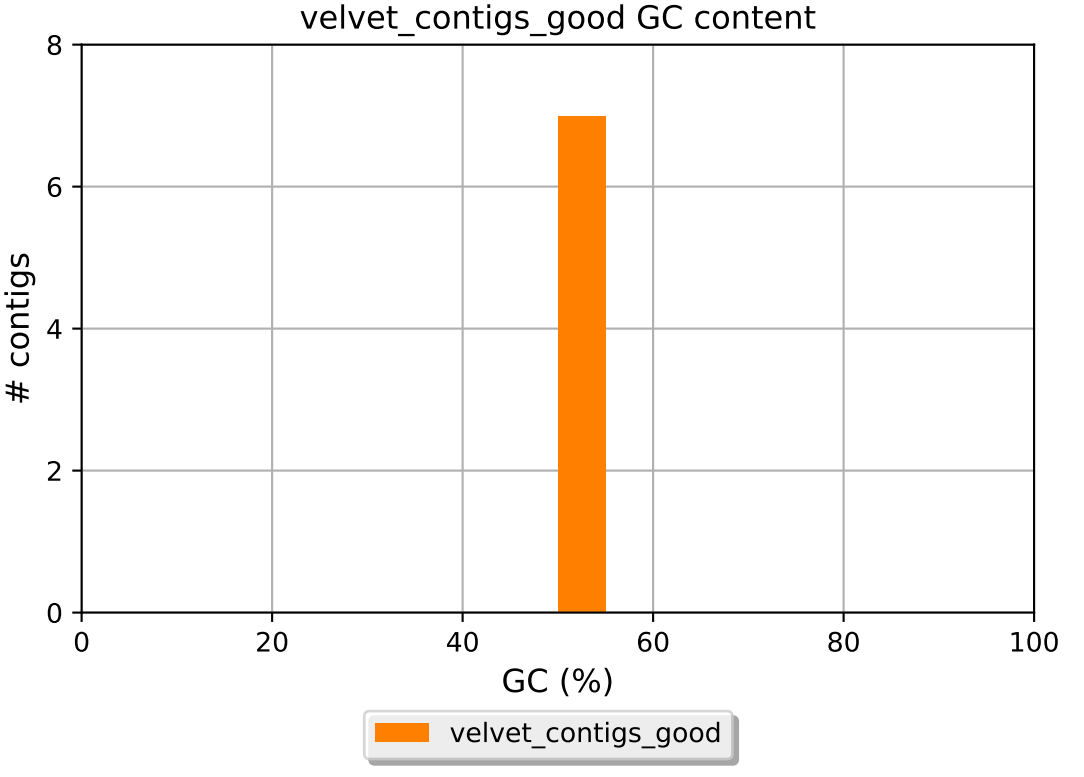

GC content
windows
GC (%)
0
15
30
45
60
75
0
20
40
60
80
100
contigs_good_cov
contigs_nanopore
contigs_spades
contigs_velvet
velvet_contigs_good

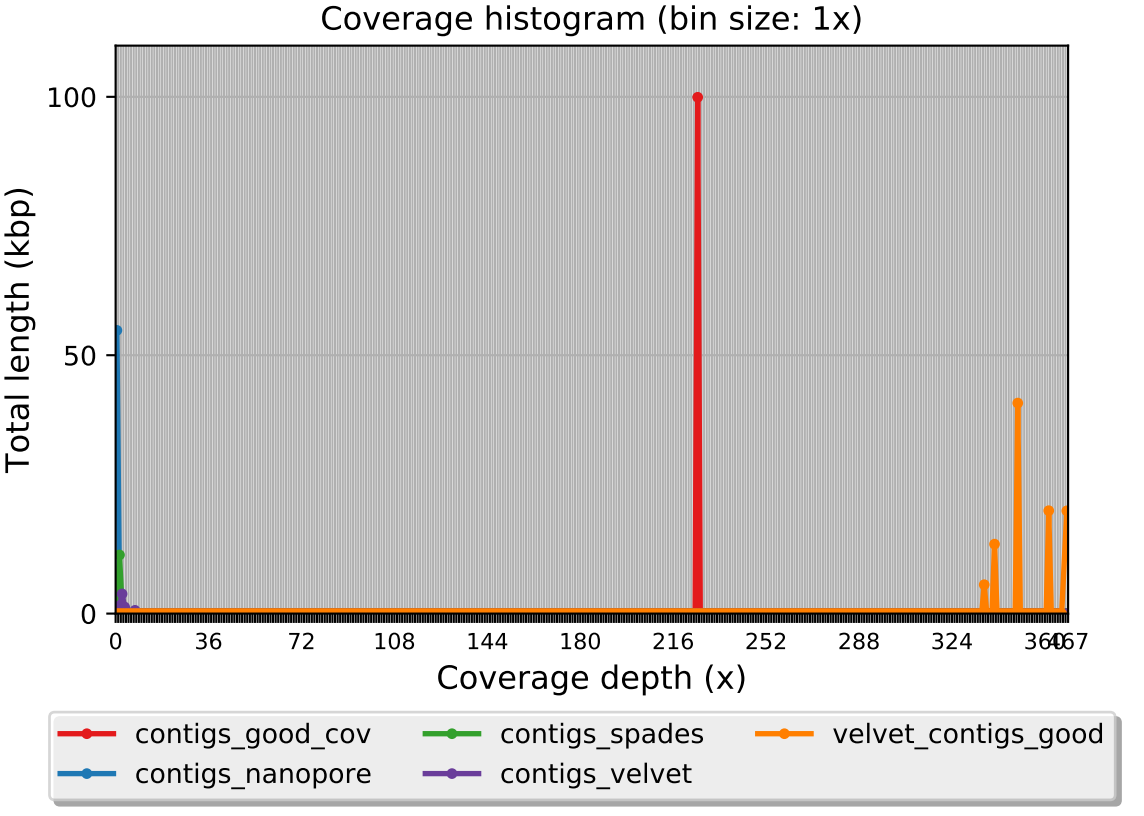

contigs_good_cov GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
contigs_good_cov

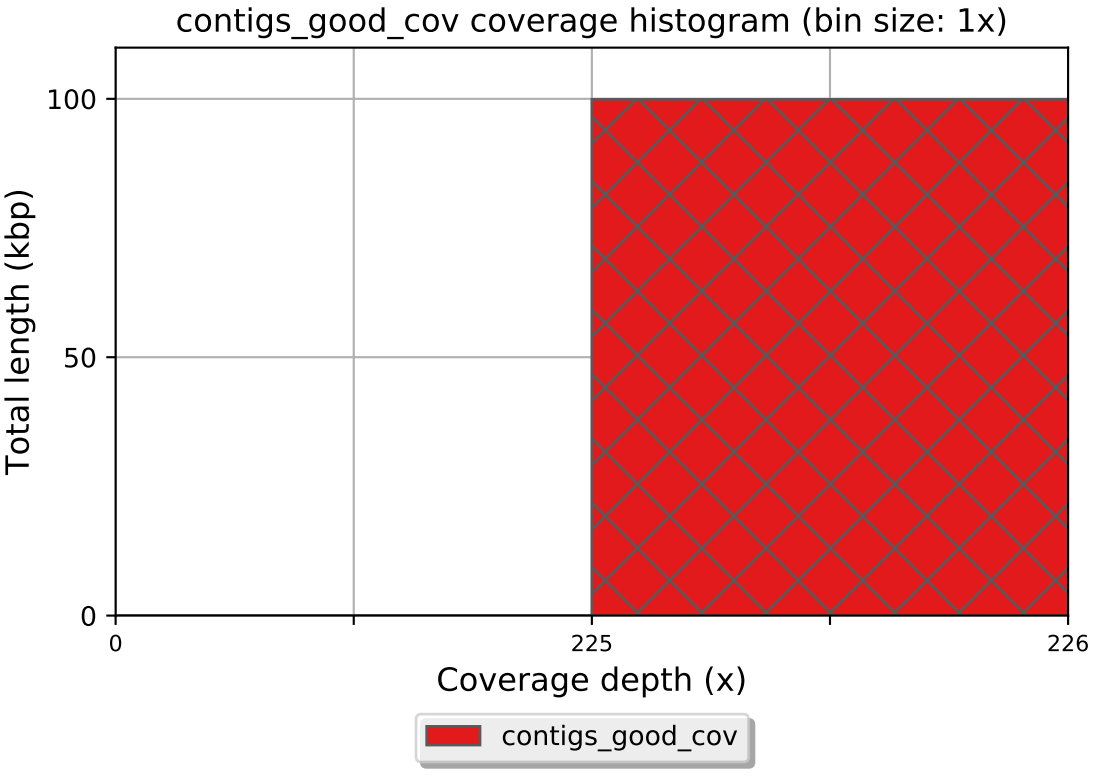

contigs_nanopore GC content
contigs
0
3
6
9
12
15
0
20
40
60
80
100
GC (%)
contigs_nanopore

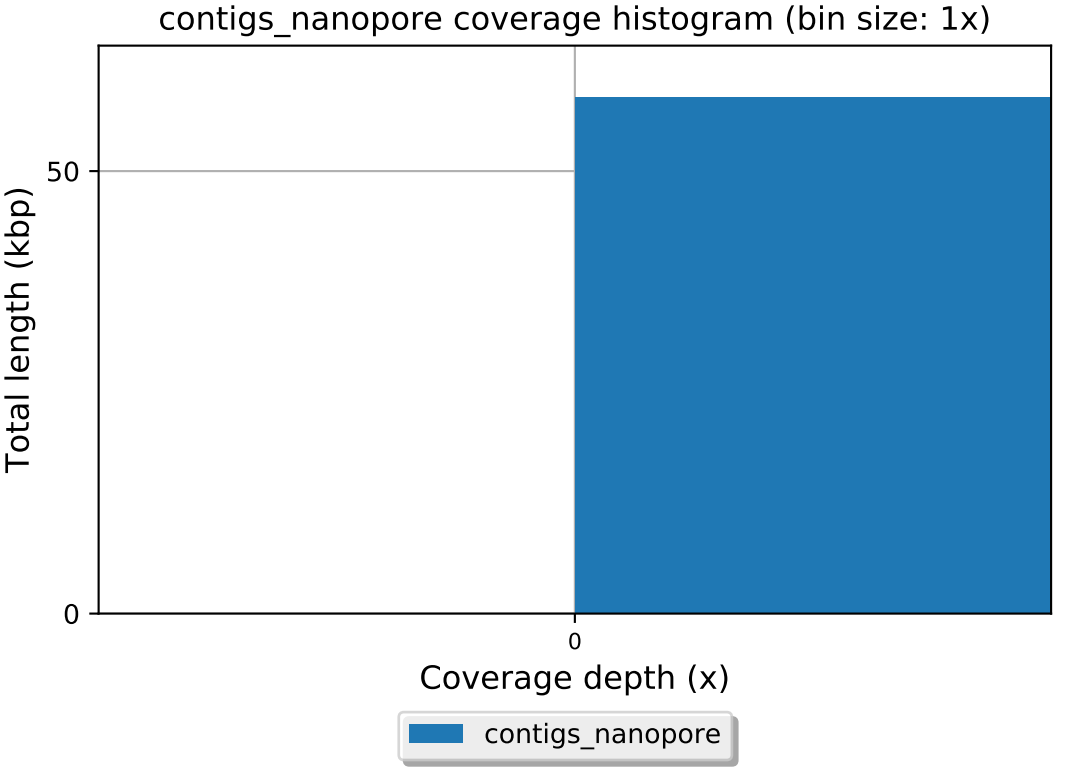

contigs_spades GC content
contigs
GC (%)
0
2
4
6
8
10
0
20
40
60
80
100
contigs_spades

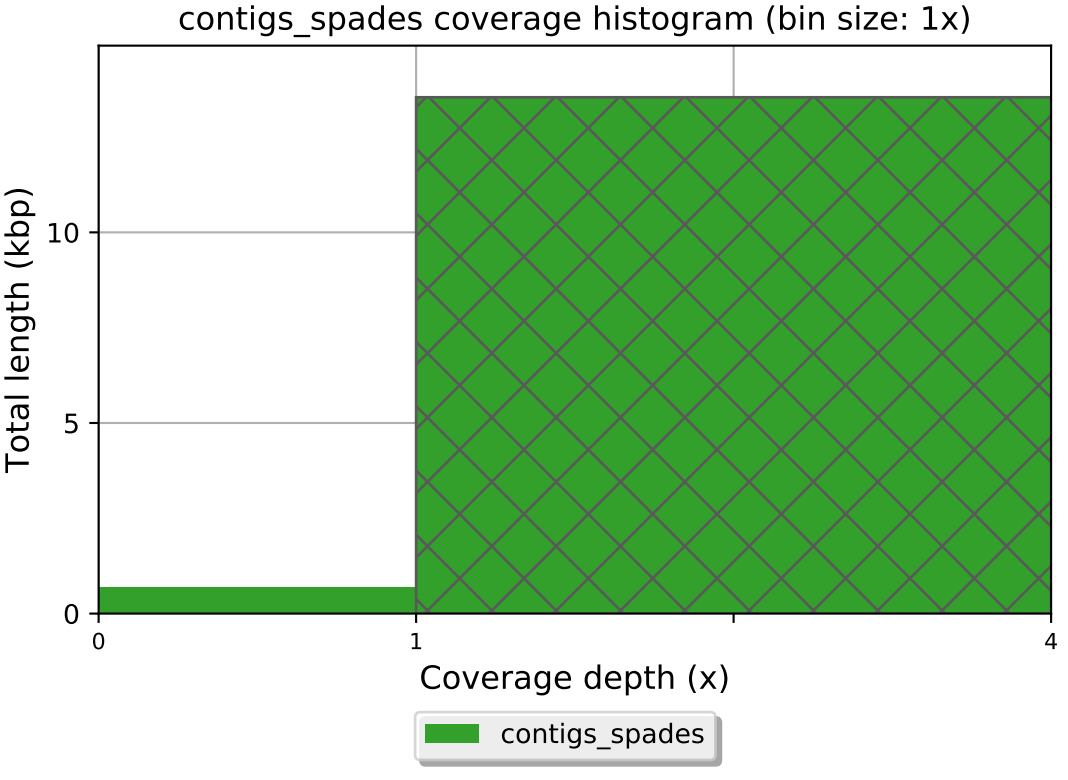

contigs_velvet GC content
contigs
0
2
4
6
0
20
40
60
80
100
GC (%)
contigs_velvet

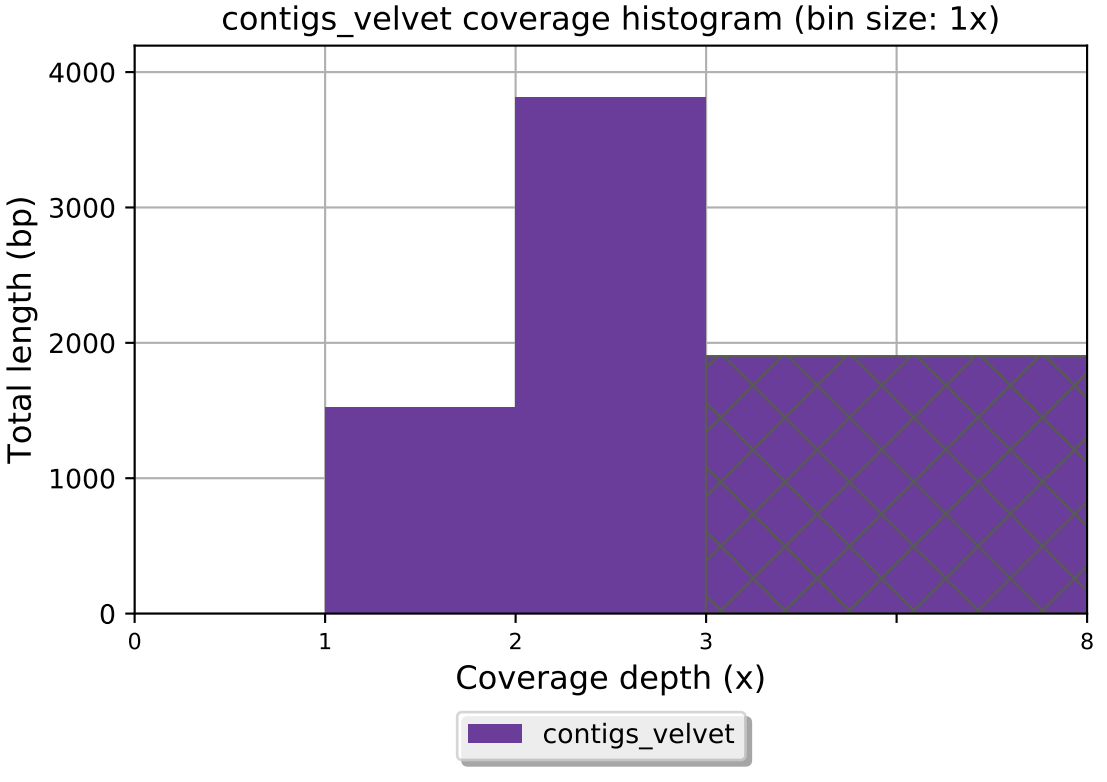

velvet_contigs_good GC content
contigs
GC (%)
0
2
4
6
8
0
20
40
60
80
100
velvet_contigs_good

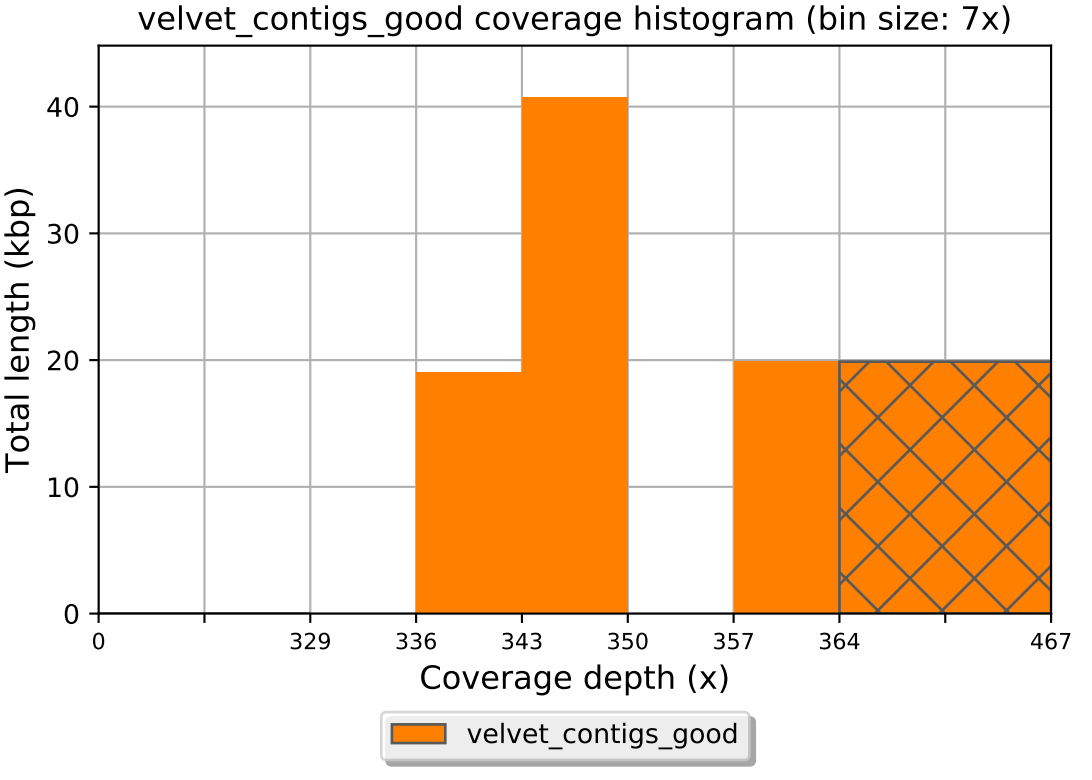

Coverage histogram (bin size: 1x)
Total length (kbp)
100
50
0
0
36
72
108
144
180
216
252
288
324
360
367
Coverage depth (x)
contigs_good_cov
contigs_nanopore
contigs_spades
contigs_velvet
velvet_contigs_good


contigs_good_cov coverage histogram (bin size: 1x)
Total length (kbp)
100
50
0
0
225
226
Coverage depth (x)
contigs_good_cov


contigs_nanopore coverage histogram (bin size: 1x)
Total length (kbp)
50
0
0
Coverage depth (x)
contigs_nanopore


contigs_spades coverage histogram (bin size: 1x)
Total length (kbp)
0
5
10
0
1
4
Coverage depth (x)
contigs_spades


contigs_velvet coverage histogram (bin size: 1x)
Total length (bp)
4000
3000
2000
1000
0
0
1
2
3
8
Coverage depth (x)
contigs_velvet


velvet_contigs_good coverage histogram (bin size: 7x)
Total length (kbp)
0
10
20
30
40
0
329
336
343
350
357
364
467
Coverage depth (x)
velvet_contigs_good