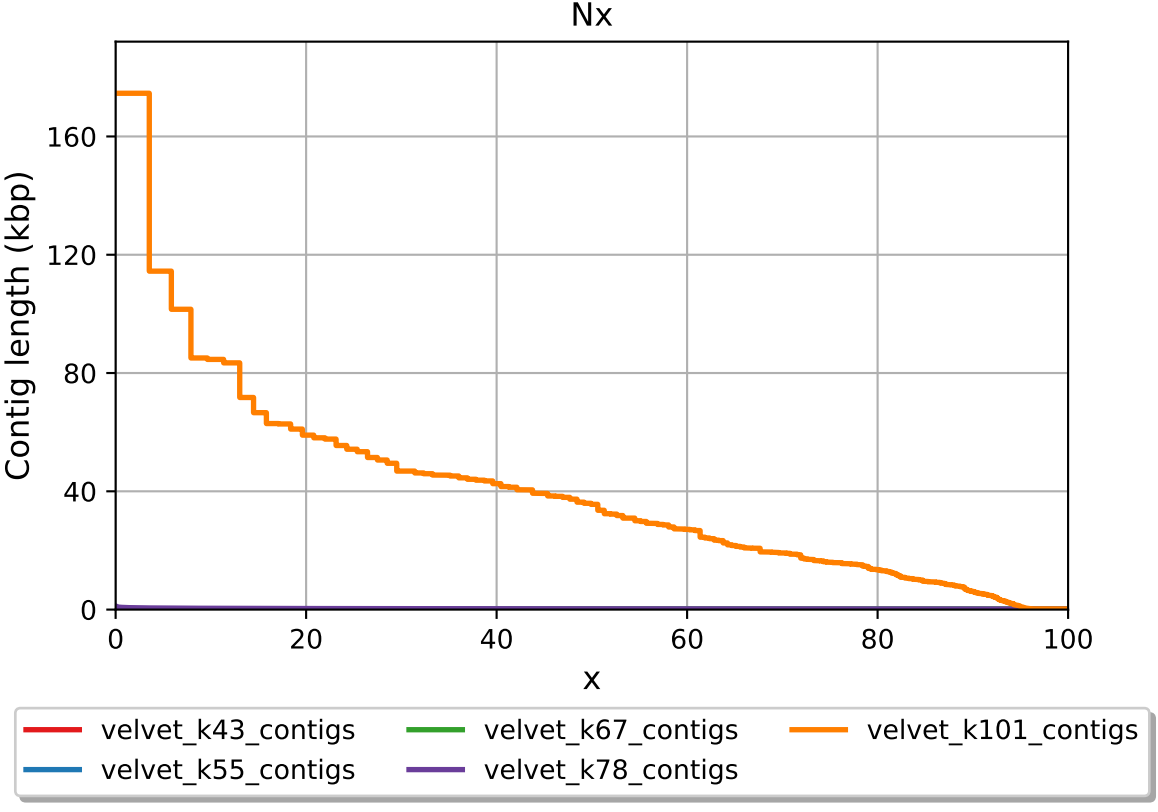
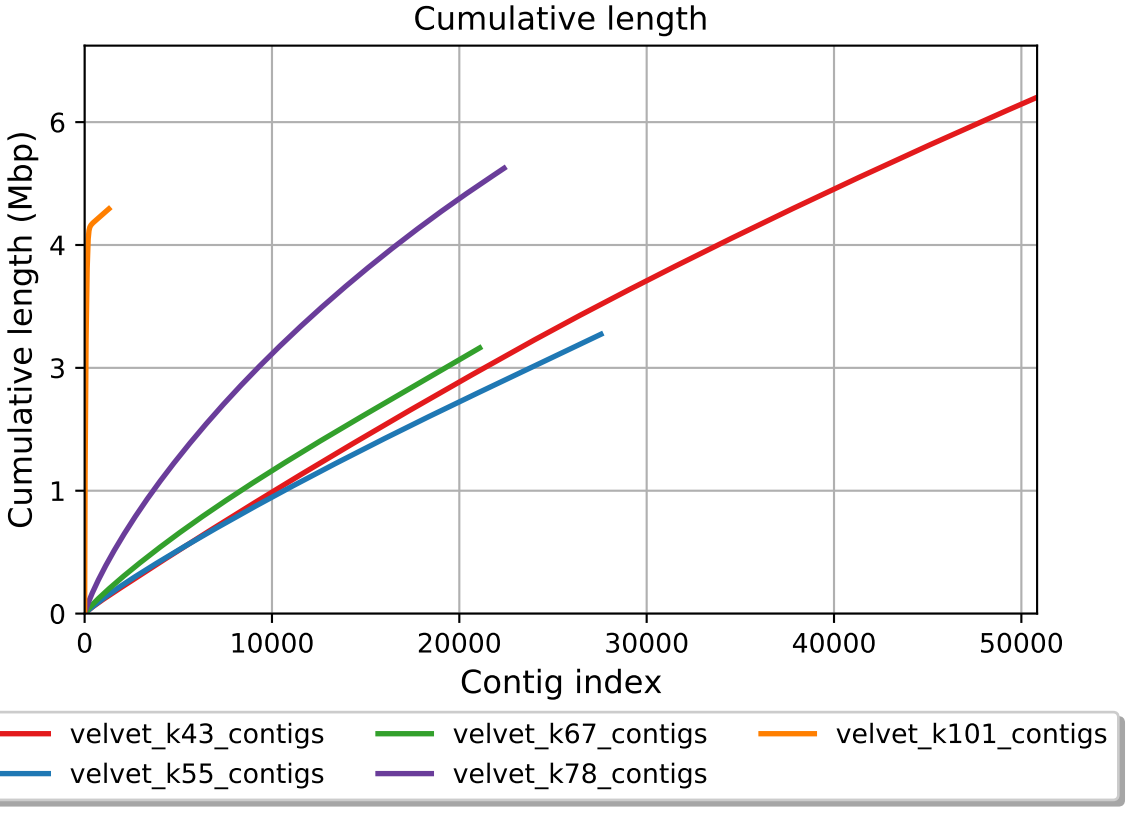
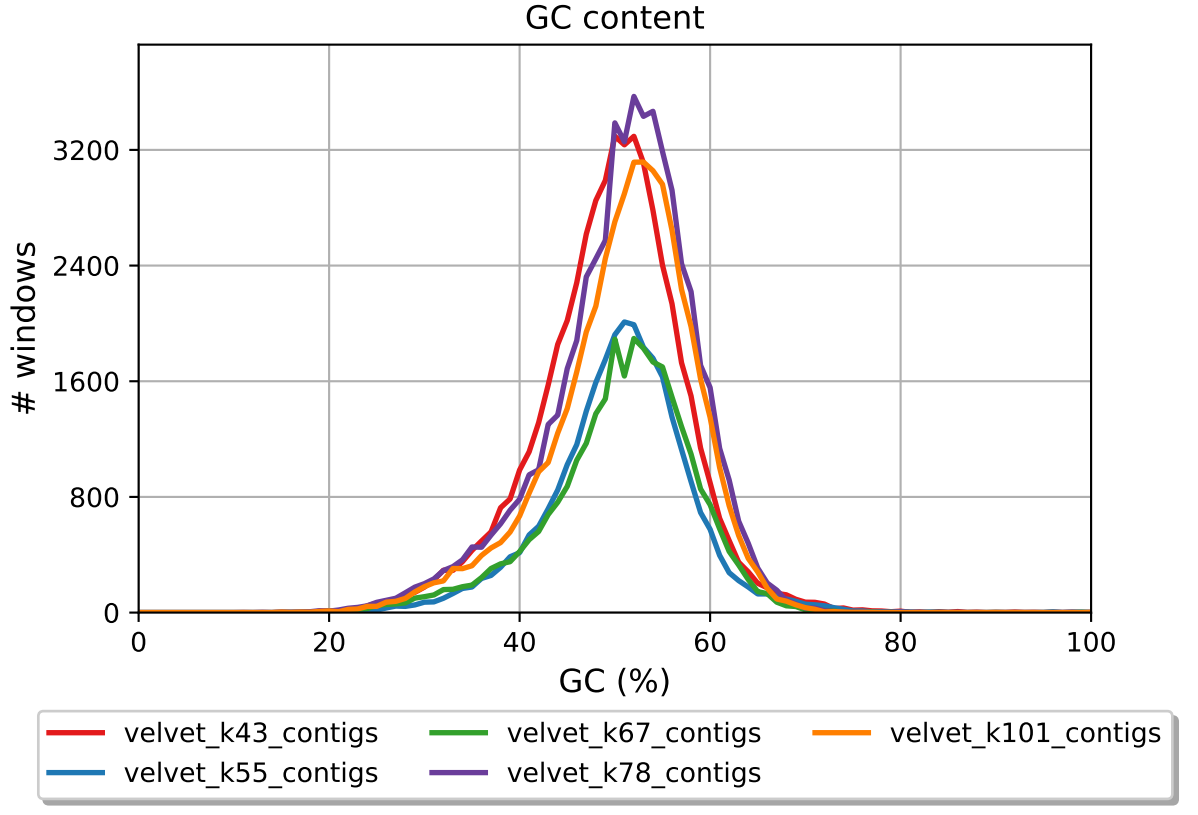
Report

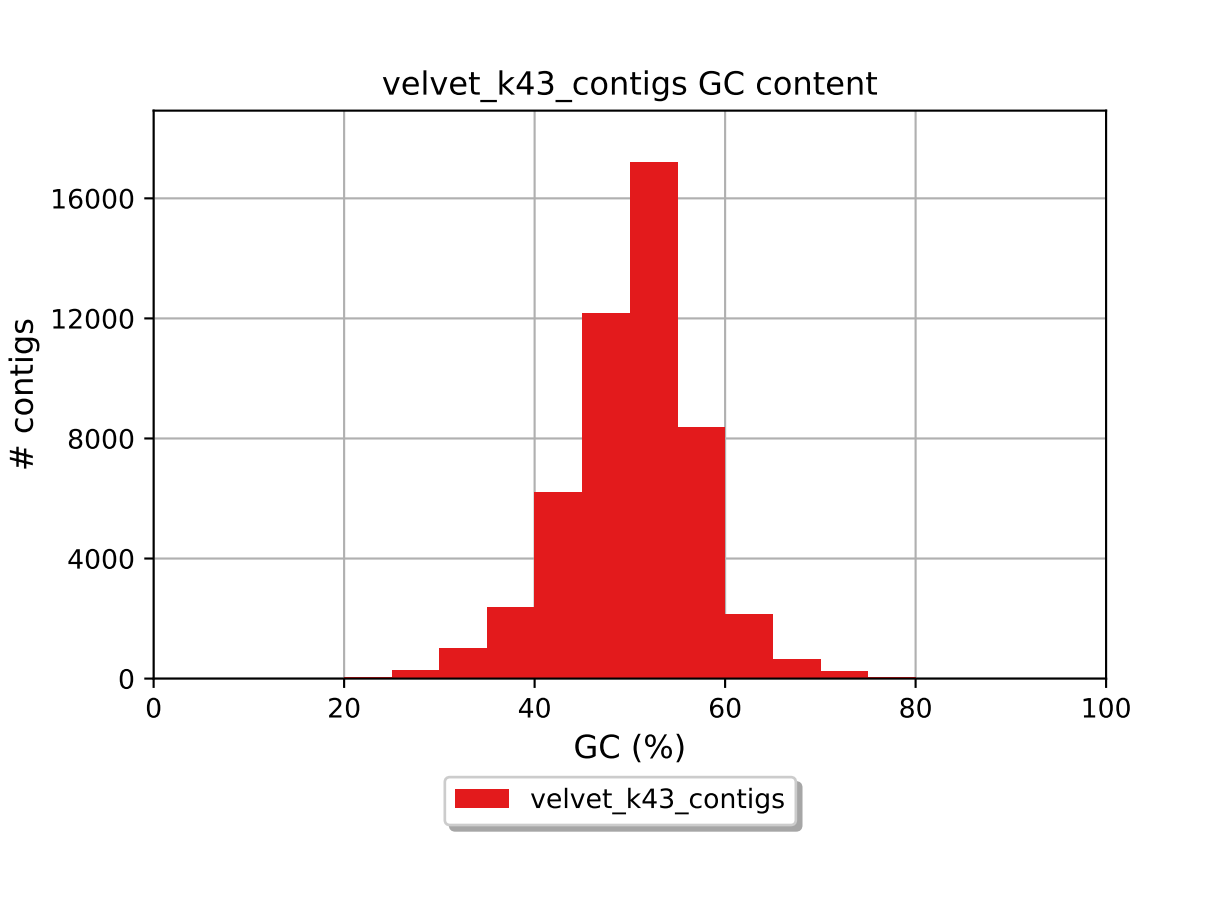
	velvet_k43_contigs	velvet_k55_contigs	velvet_k67_contigs	velvet_k78_contigs	velvet_k101_contigs
# contigs (>= 0 bp)	117119	27558	21086	22388	1292
# contigs (>= 1000 bp)	0	0	0	2	251
# contigs (>= 5000 bp)	0	0	0	0	179
# contigs (>= 10000 bp)	0	0	0	0	133
# contigs (>= 25000 bp)	0	0	0	0	63
# contigs (>= 50000 bp)	0	0	0	0	19
Total length (>= 0 bp)	12128555	3410102	3243507	5437113	4940551
Total length (>= 1000 bp)	0	0	0	2313	4696945
Total length (>= 5000 bp)	0	0	0	0	4520323
Total length (>= 10000 bp)	0	0	0	0	4176579
Total length (>= 25000 bp)	0	0	0	0	3031864
Total length (>= 50000 bp)	0	0	0	0	1408652
# contigs	50840	27558	21086	22388	1292
Largest contig	255	257	389	1248	174606
Total length	6303470	3410102	3243507	5437113	4940551
GC (%)	50.21	51.02	50.77	50.80	50.81
N50	128	120	147	245	35590
N75	111	110	133	192	15983
L50	22514	12324	9155	8068	45
L75	35832	19746	14990	14364	98
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00

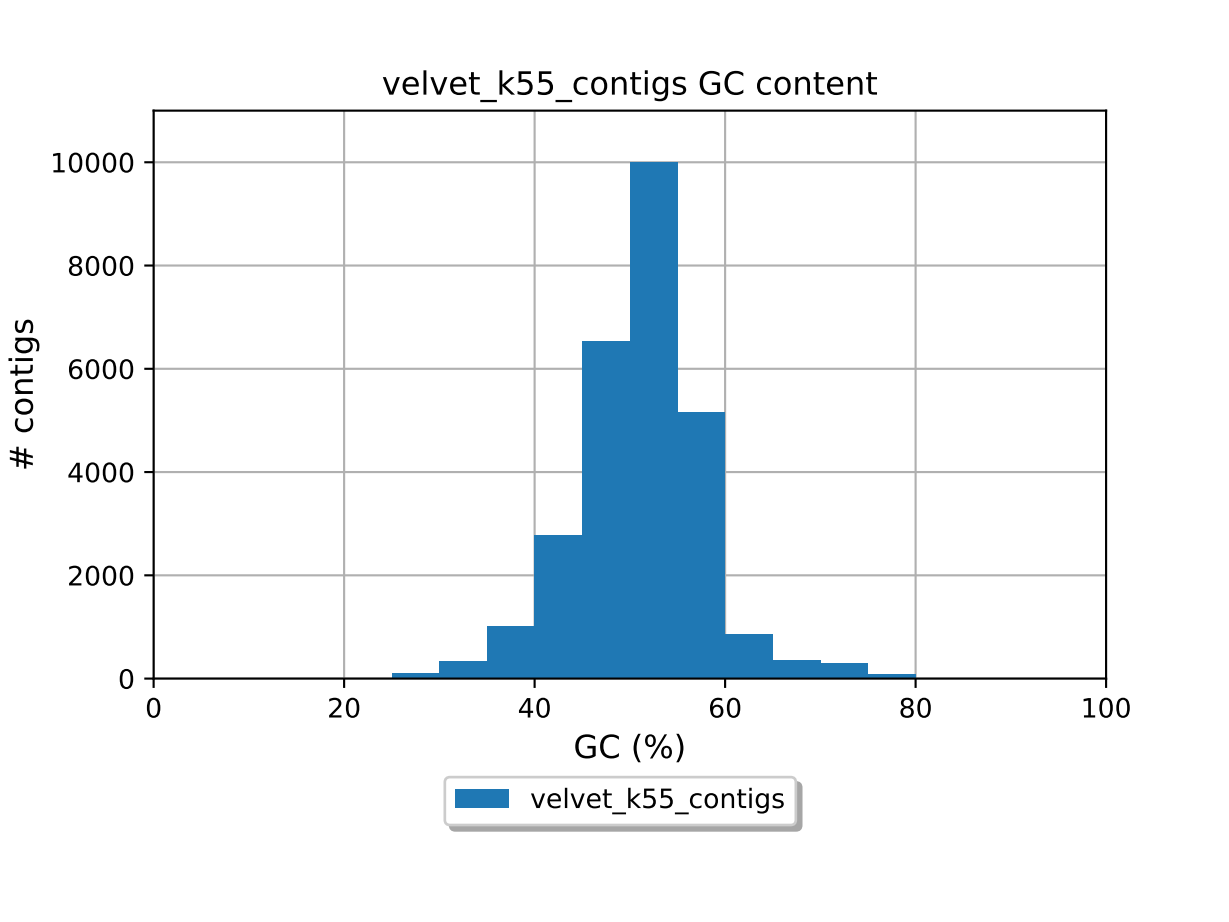
All statistics are based on contigs of size >= 100 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

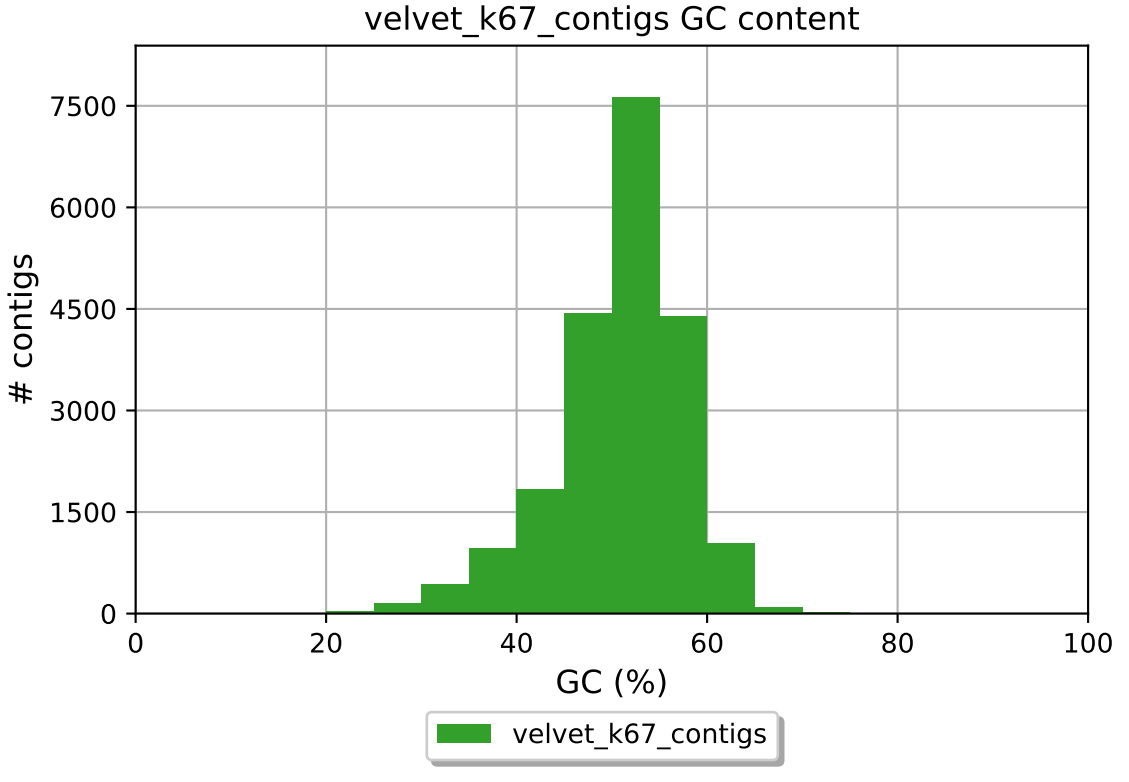

Nx
Contig length (kbp)
160
120
80
40
0
0
20
40
60
80
100
x
velvet_k43_contigs
velvet_k55_contigs
velvet_k67_contigs
velvet_k78_contigs
velvet_k101_contigs

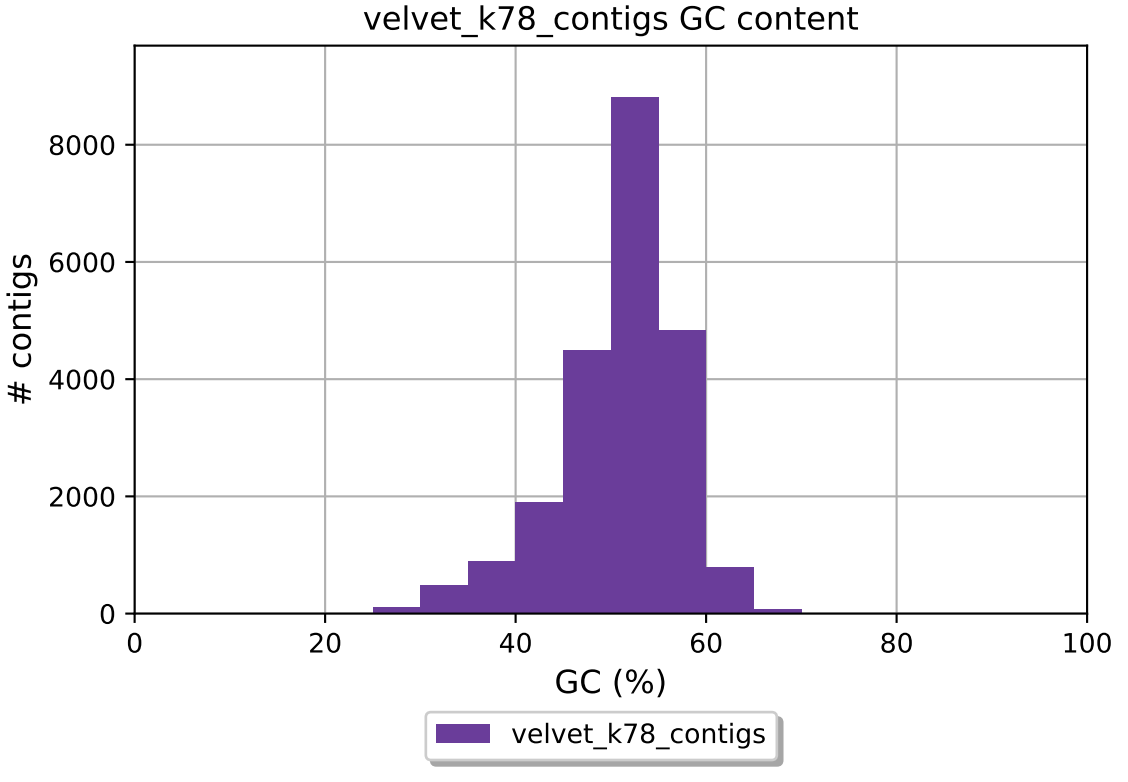

Cumulative length
Cumulative length (Mbp)
0
1
3
4
6
0
10000
20000
30000
40000
50000
Contig index
velvet_k43_contigs
velvet_k55_contigs
velvet_k67_contigs
velvet_k78_contigs
velvet_k101_contigs

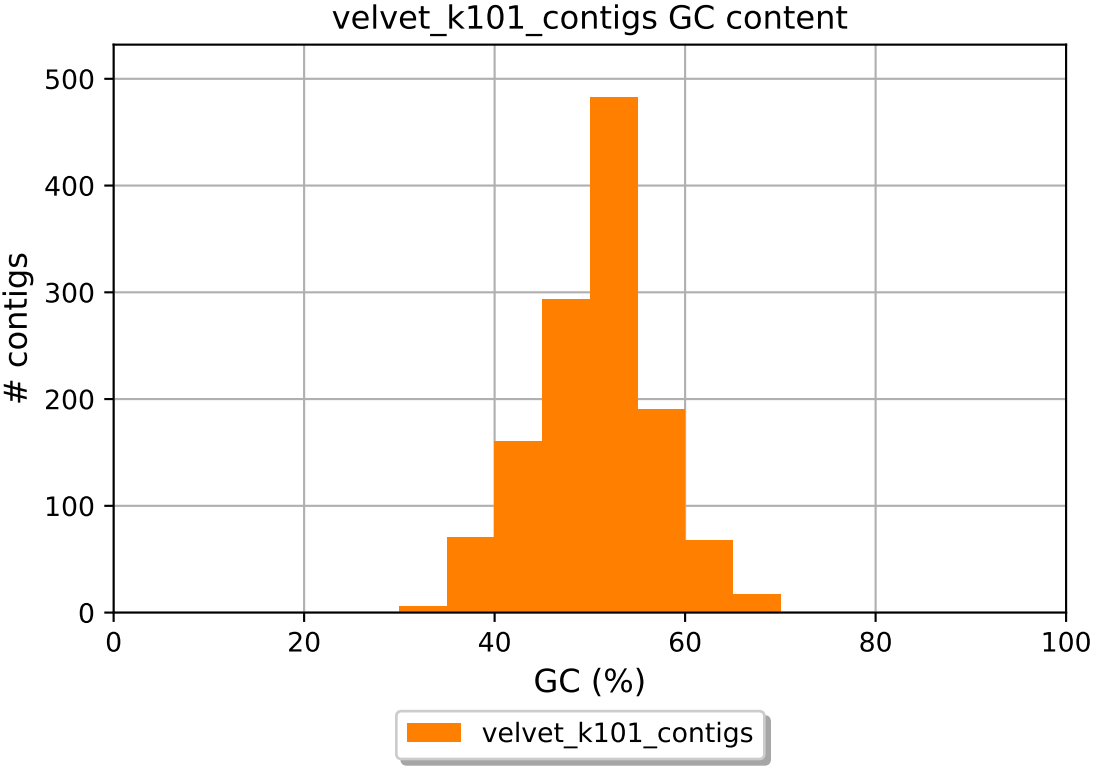

GC content
windows
3200
2400
1600
800
0
0
20
40
60
80
100
GC (%)
velvet_k43_contigs
velvet_k55_contigs
velvet_k67_contigs
velvet_k78_contigs
velvet_k101_contigs

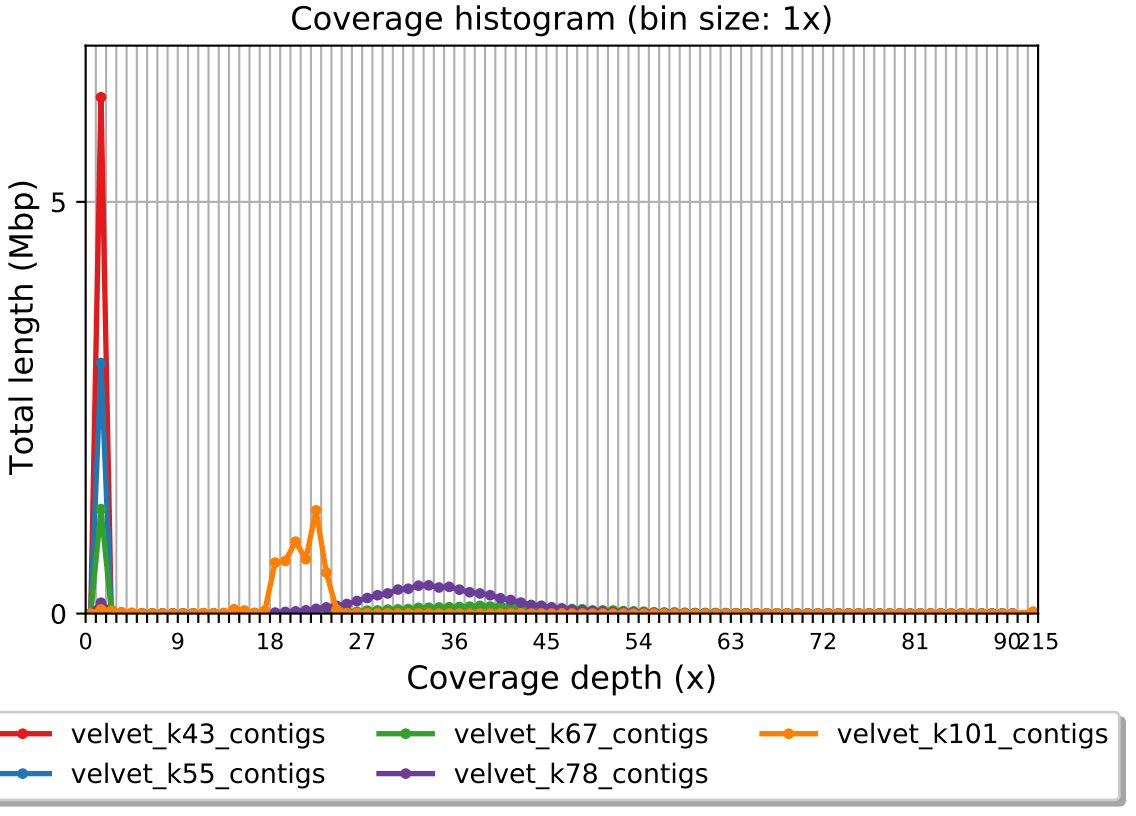

velvet_k43_contigs GC content
16000
12000
8000
4000
0
contigs
0
20
40
60
80
100
GC (%)
velvet_k43_contigs

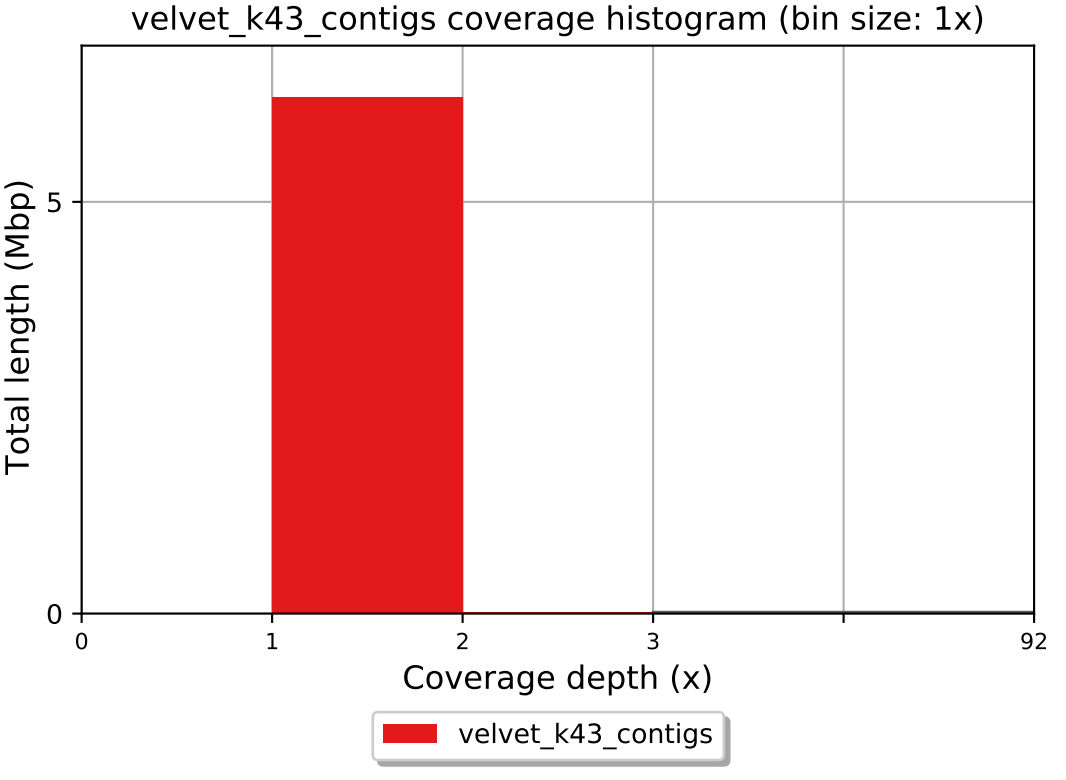

velvet_k55_contigs GC content
contigs
GC (%)
0
2000
4000
6000
8000
10000
0
20
40
60
80
100
velvet_k55_contigs

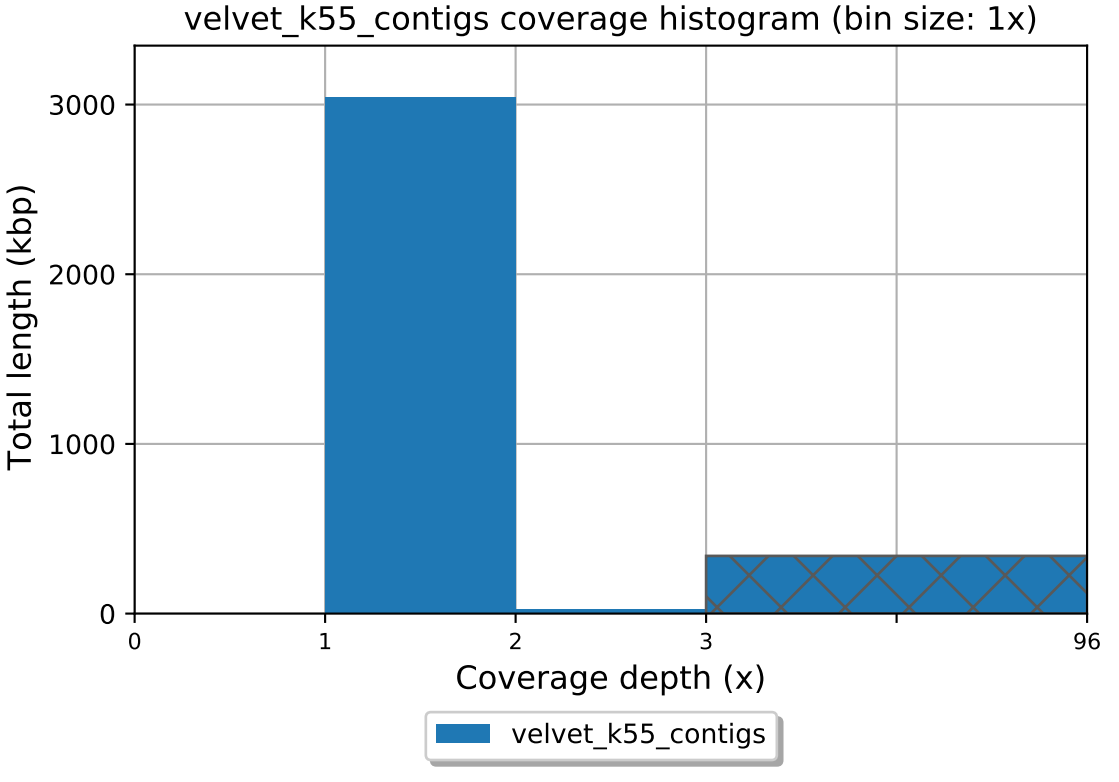

velvet_k67_contigs GC content
contigs
GC (%)
0
1500
3000
4500
6000
7500
0
20
40
60
80
100
velvet_k67_contigs

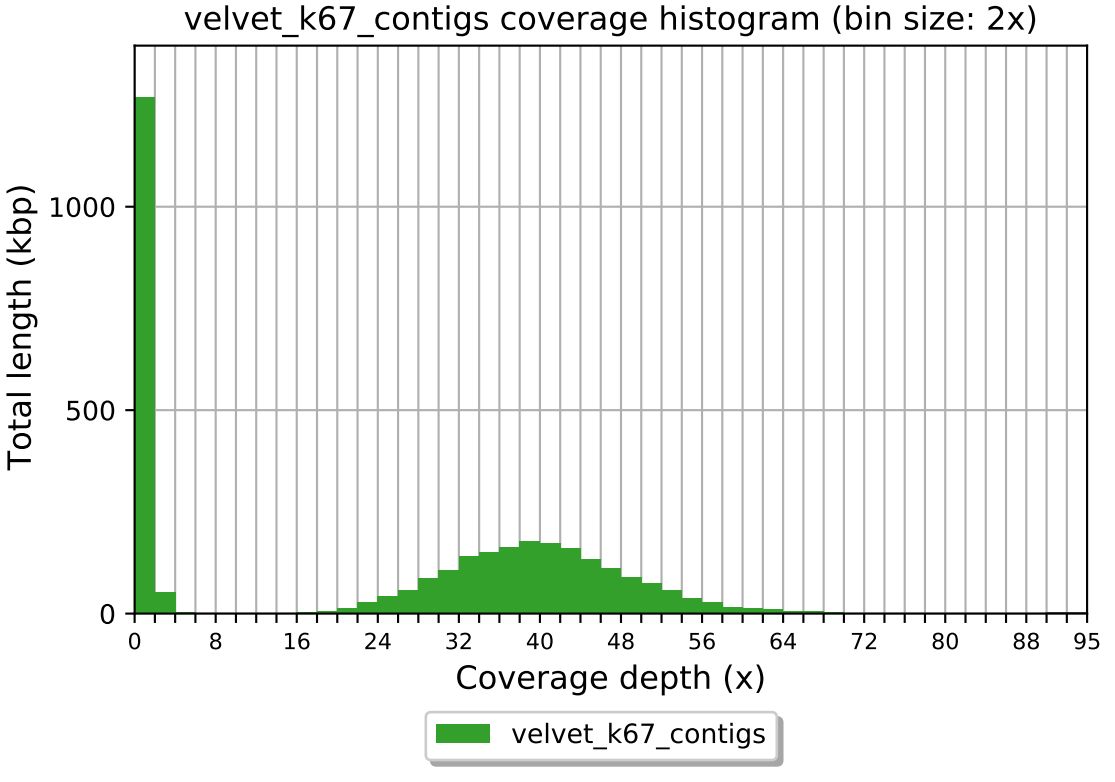

velvet_k78_contigs GC content
contigs
8000
6000
4000
2000
0
0
20
40
60
80
100
GC (%)
velvet_k78_contigs

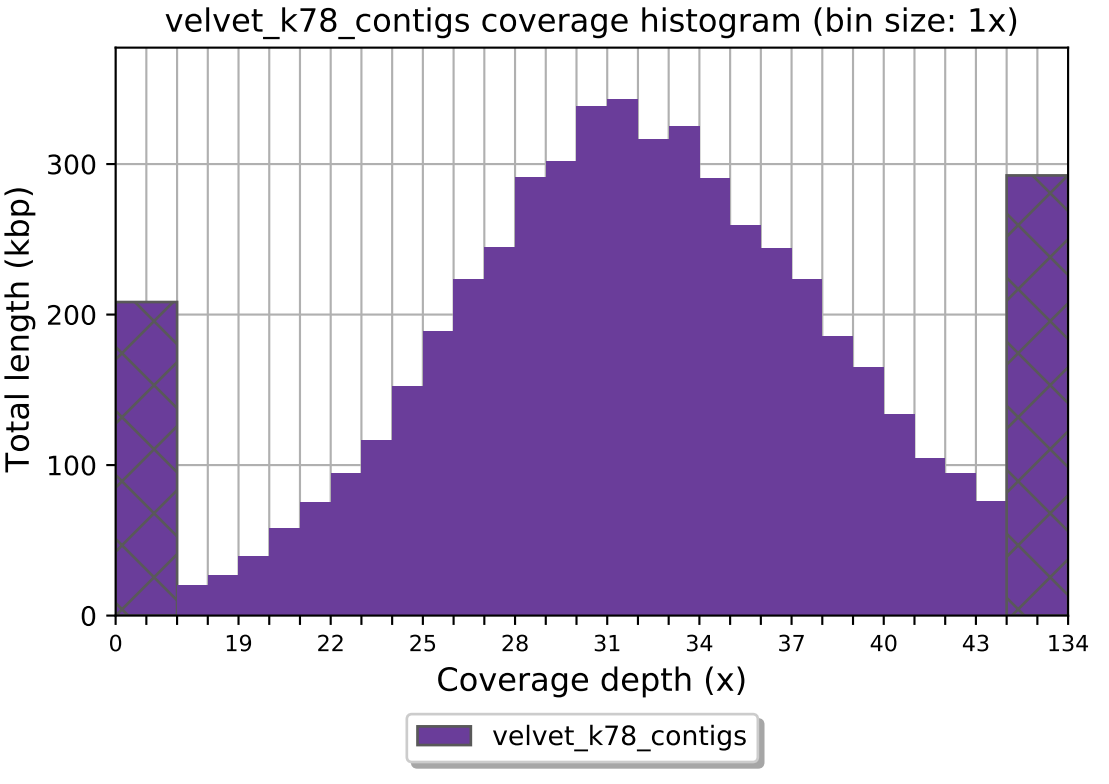

velvet_k101_contigs GC content
contigs
GC (%)
0
100
200
300
400
500
0
20
40
60
80
100
velvet_k101_contigs

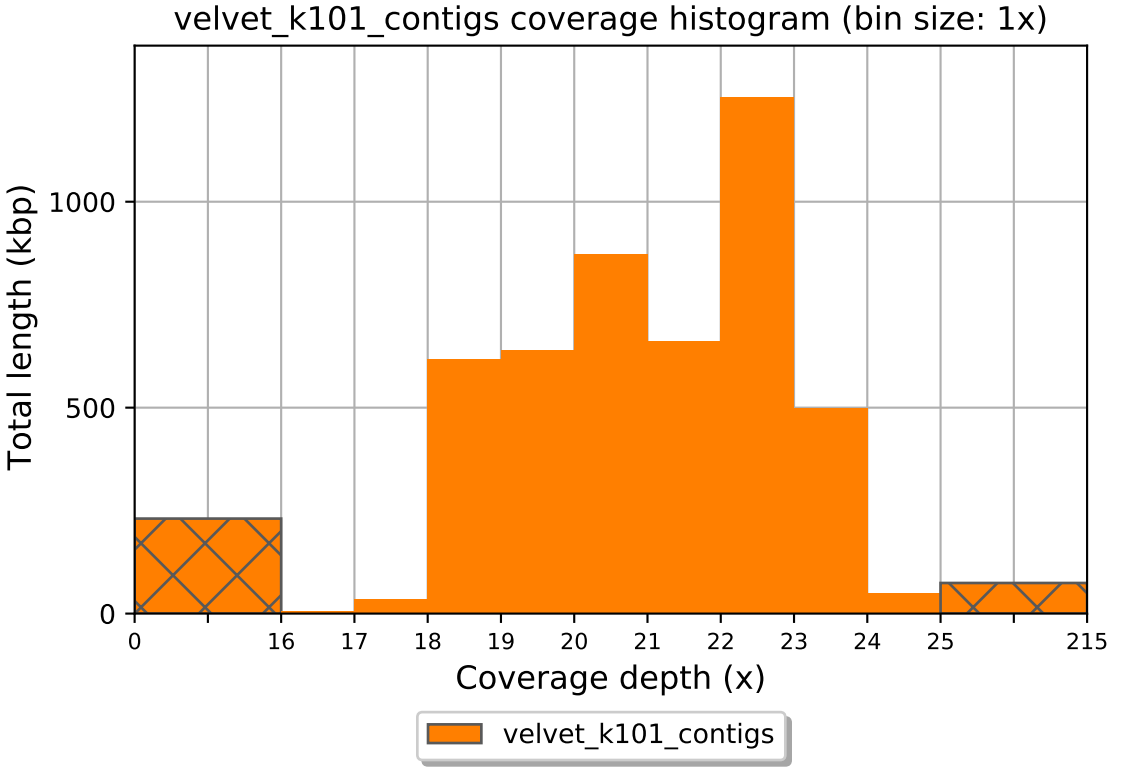

Coverage histogram (bin size: 1x)
Total length (Mbp)
5
0
0
9
18
27
36
45
54
63
72
81
90
215
Coverage depth (x)
velvet_k43_contigs
velvet_k55_contigs
velvet_k67_contigs
velvet_k78_contigs
velvet_k101_contigs


velvet_k43_contigs coverage histogram (bin size: 1x)
Total length (Mbp)
5
0
0
1
2
3
92
Coverage depth (x)
velvet_k43_contigs


velvet_k55_contigs coverage histogram (bin size: 1x)
Total length (kbp)
3000
2000
1000
0
0
1
2
3
96
Coverage depth (x)
velvet_k55_contigs


velvet_k67_contigs coverage histogram (bin size: 2x)
Total length (kbp)
1000
500
0
0
8
16
24
32
40
48
56
64
72
80
88
95
Coverage depth (x)
velvet_k67_contigs


velvet_k78_contigs coverage histogram (bin size: 1x)
Total length (kbp)
0
100
200
300
0
19
22
25
28
31
34
37
40
43
134
Coverage depth (x)
velvet_k78_contigs


velvet_k101_contigs coverage histogram (bin size: 1x)
Total length (kbp)
1000
500
0
0
16
17
18
19
20
21
22
23
24
25
215
Coverage depth (x)
velvet_k101_contigs