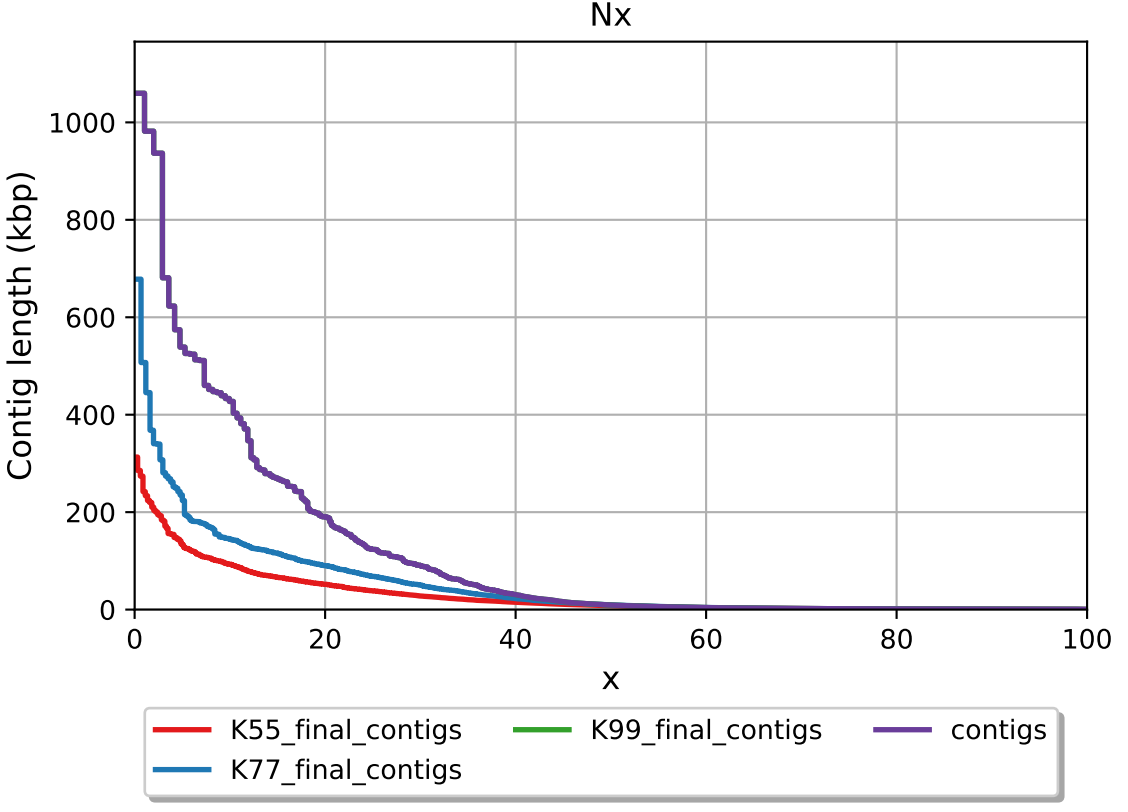
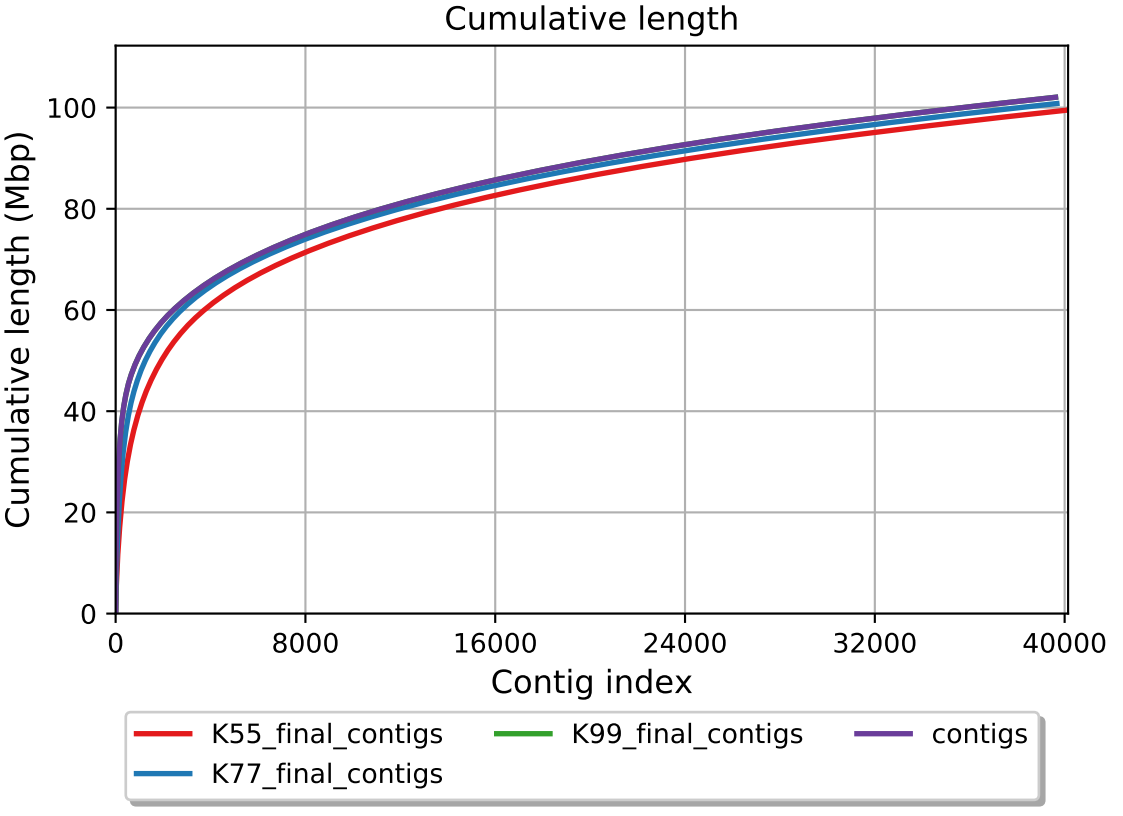
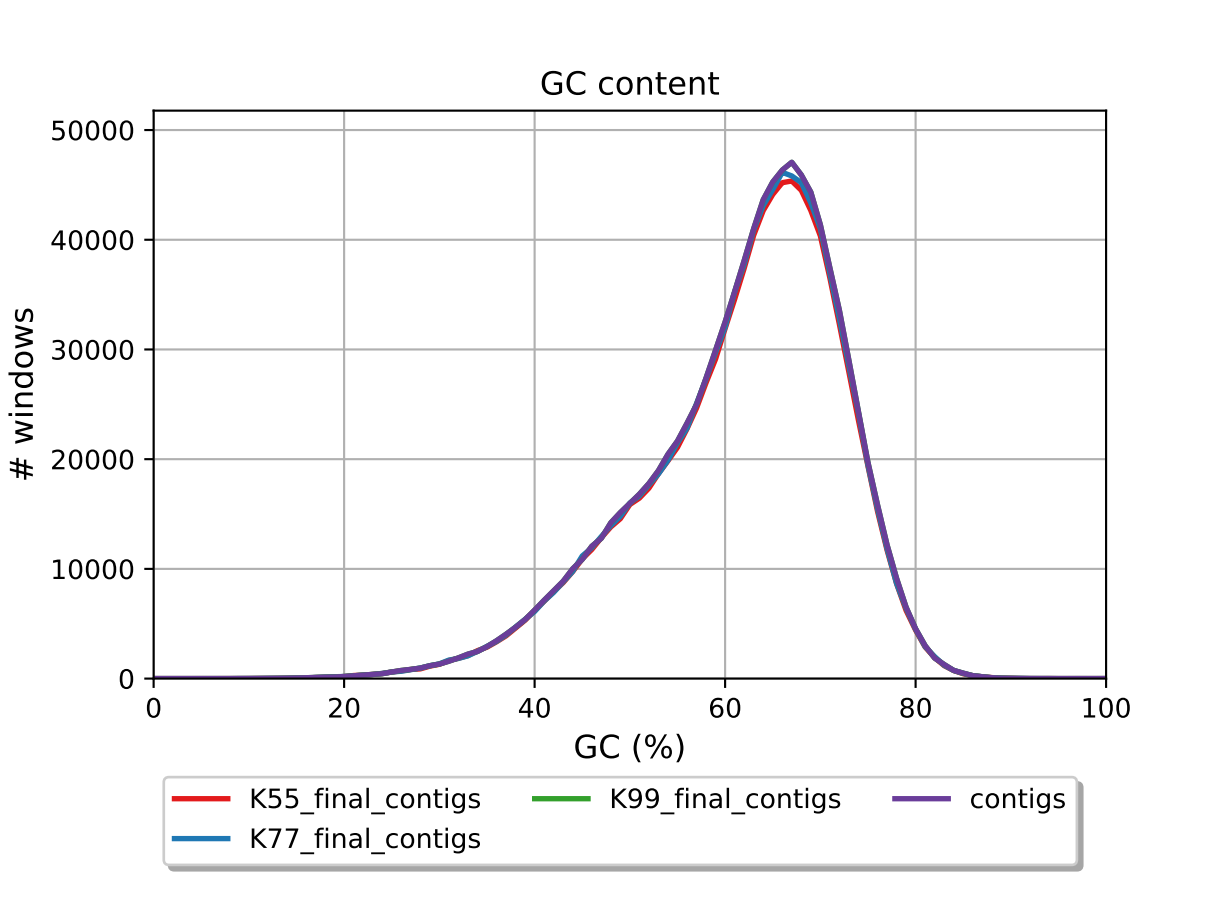
Report

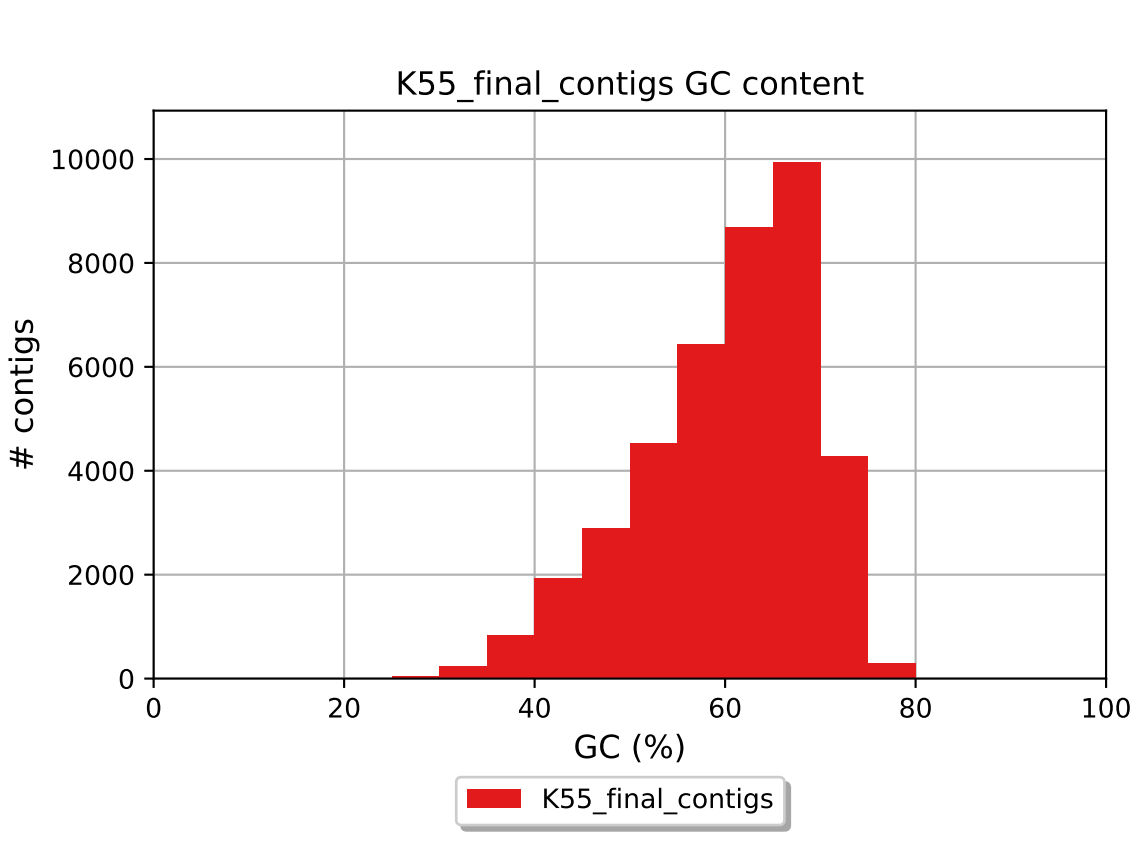
	K55_final_contigs	K77_final_contigs	K99_final_contigs	contigs
# contigs (>= 0 bp)	161832	134255	109804	109804
# contigs (>= 1000 bp)	17220	16349	16761	16761
# contigs (>= 5000 bp)	3001	2500	2117	2117
# contigs (>= 10000 bp)	1504	1254	933	933
# contigs (>= 25000 bp)	559	538	394	394
# contigs (>= 50000 bp)	234	286	229	229
Total length (>= 0 bp)	134160216	130081781	125689553	125689553
Total length (>= 1000 bp)	83917687	84957602	86485583	86485583
Total length (>= 5000 bp)	56752883	58706783	58531017	58531017
Total length (>= 10000 bp)	46227819	50047827	50414902	50414902
Total length (>= 25000 bp)	31802066	39159130	42363686	42363686
Total length (>= 50000 bp)	20513535	30330500	36672817	36672817
# contigs	40146	39675	39617	39617
Largest contig	313005	678143	1059746	1059746
Total length	99519992	100801339	102038876	102038876
GC (%)	61.61	61.63	61.67	61.67
N50	8062	9723	9312	9312
N75	1616	1636	1657	1657
L50	1898	1290	996	996
L75	9832	8934	8915	8915
# N's per 100 kbp	0.00	0.00	0.00	0.00

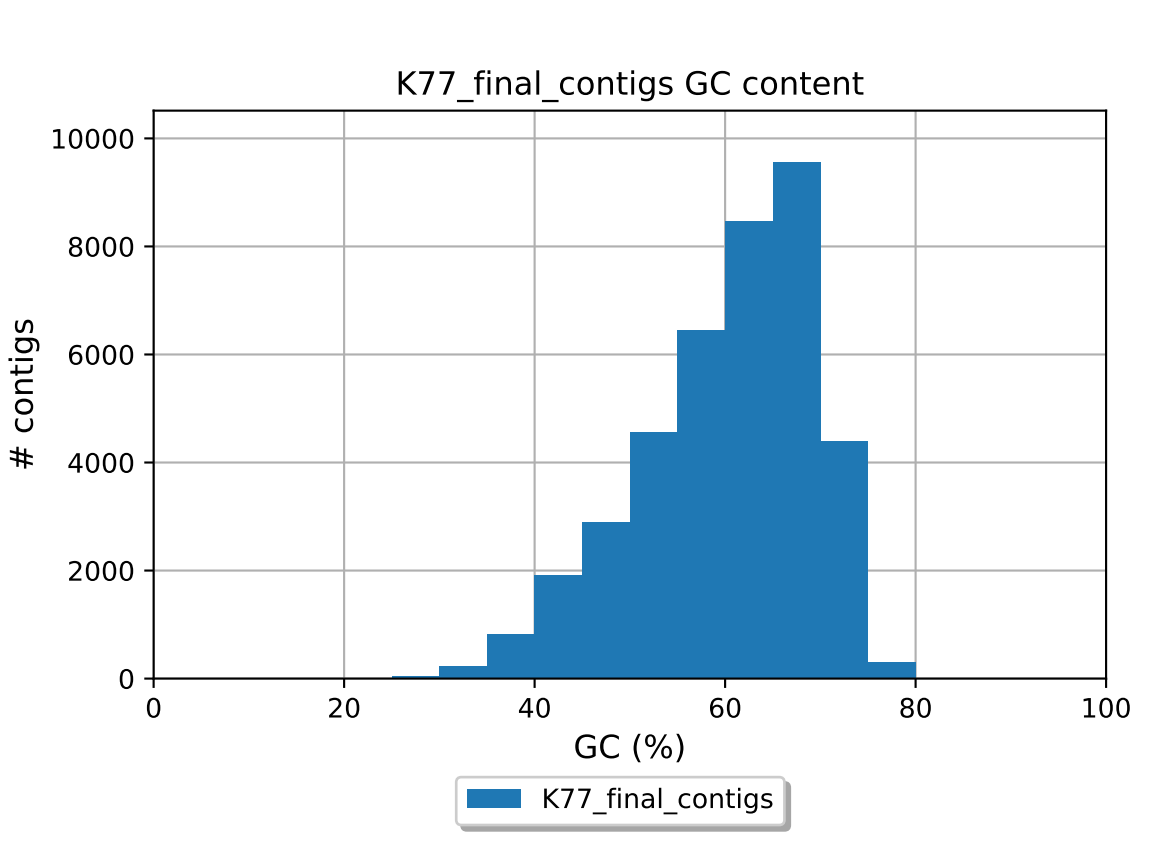
All statistics are based on contigs of size >= 500 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

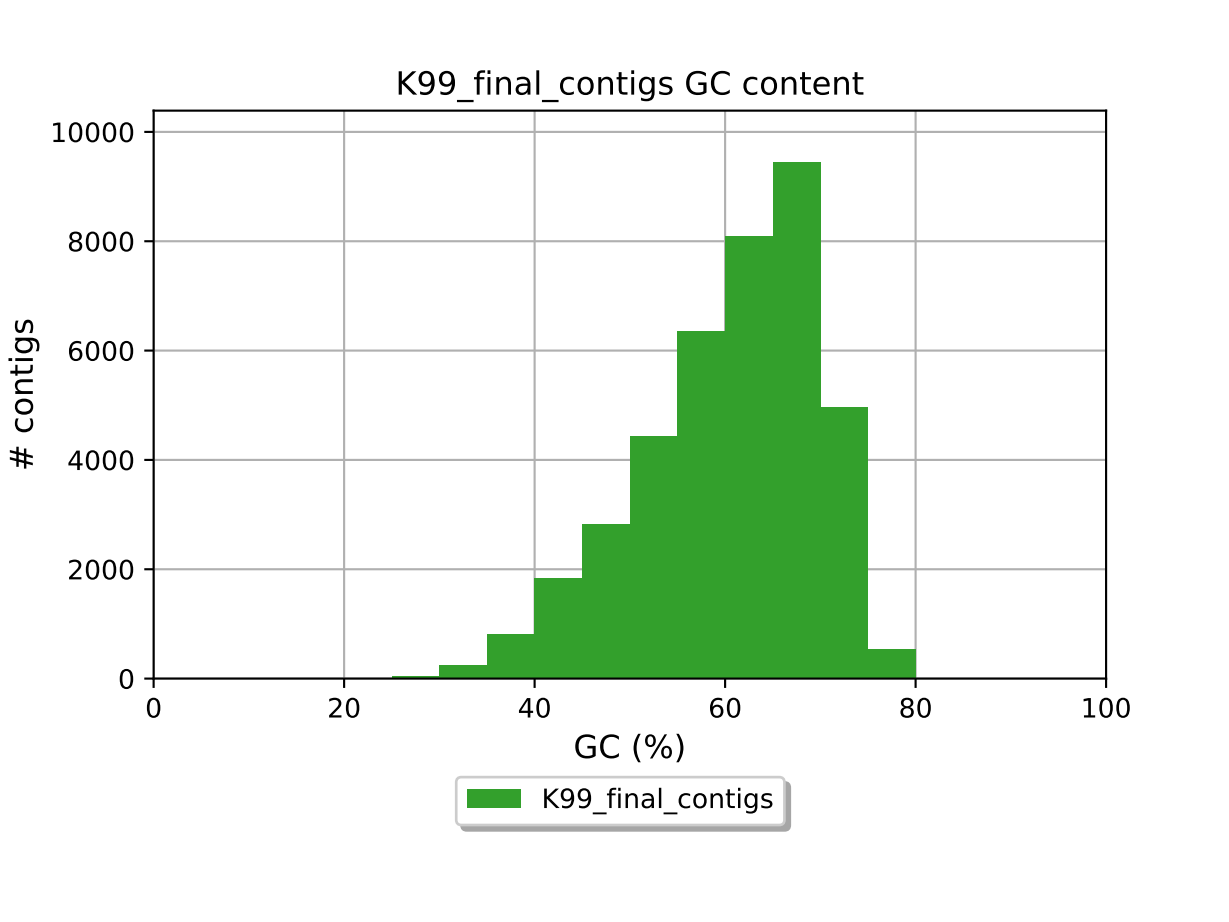

Nx
Contig length (kbp)
1000
800
600
400
200
0
0
20
40
60
80
100
x
K55_final_contigs
K77_final_contigs
K99_final_contigs
contigs

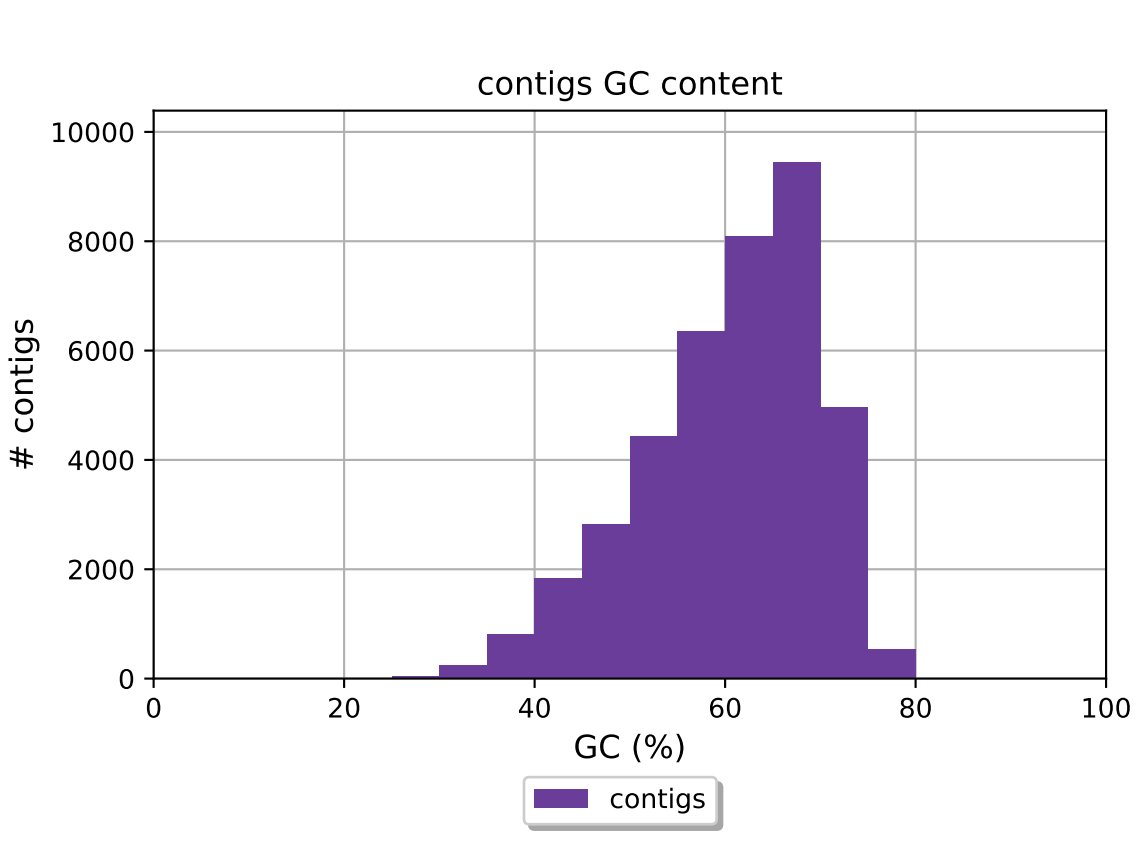

Cumulative length
Cumulative length (Mbp)
0
20
40
60
80
100
0
8000
16000
24000
32000
40000
Contig index
K55_final_contigs
K77_final_contigs
K99_final_contigs
contigs

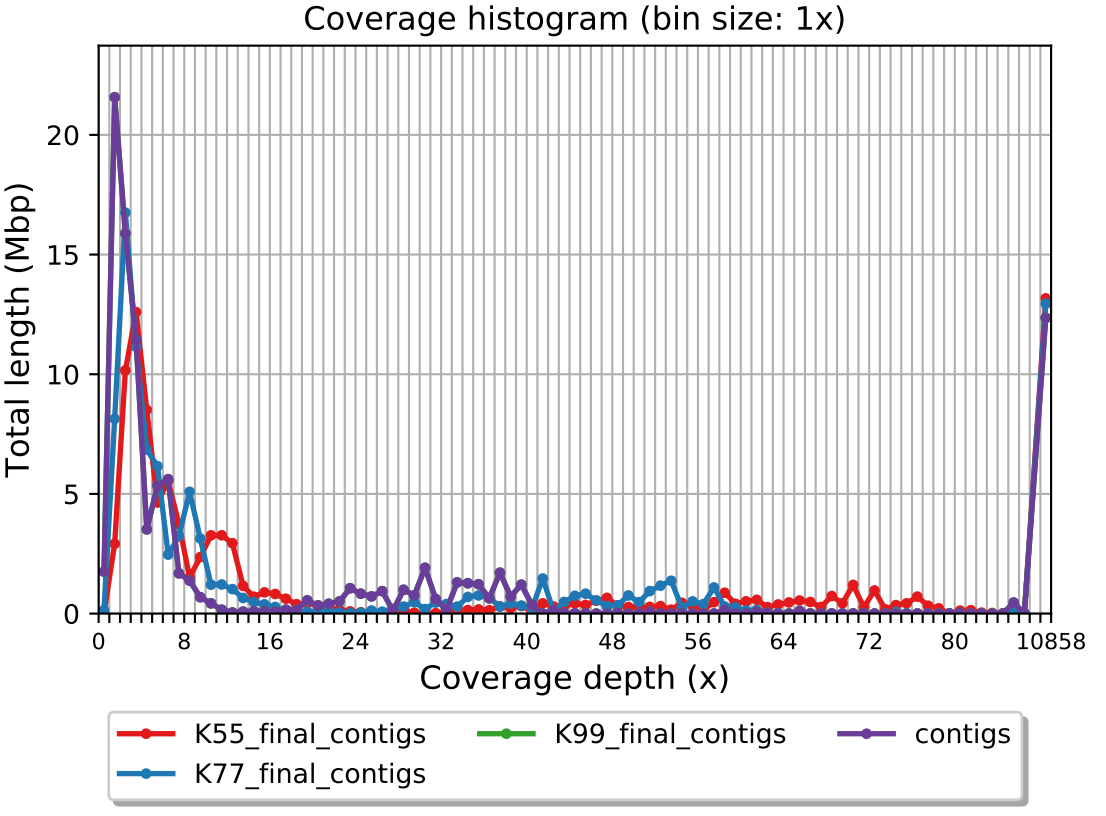

GC content
windows
GC (%)
0
10000
20000
30000
40000
50000
0
20
40
60
80
100
K55_final_contigs
K77_final_contigs
K99_final_contigs
contigs

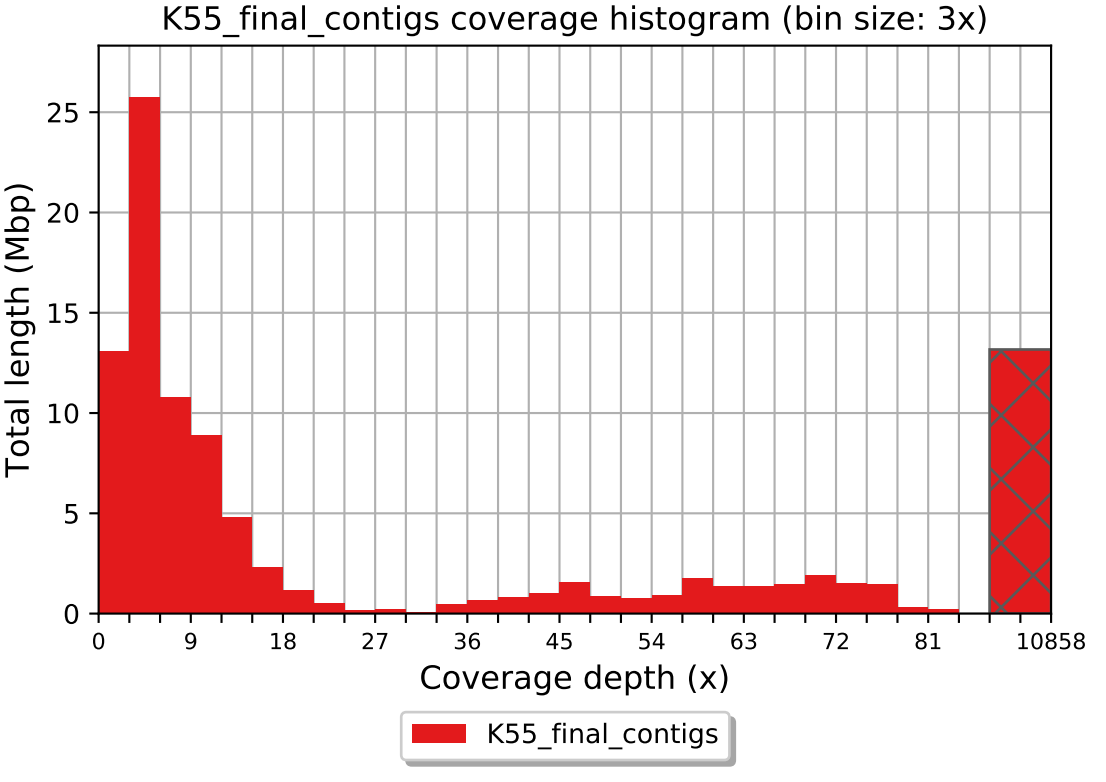

K55_final_contigs GC content
contigs
GC (%)
0
2000
4000
6000
8000
10000
0
20
40
60
80
100
K55_final_contigs

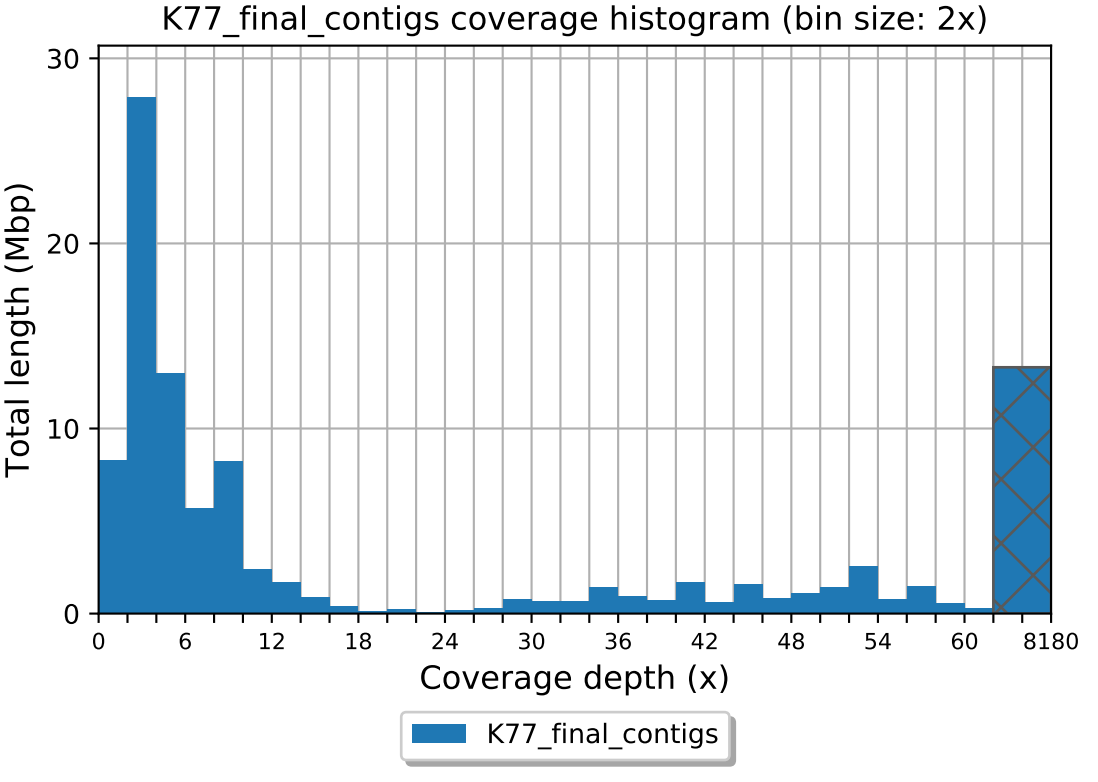

K77_final_contigs GC content
10000
8000
6000
4000
2000
0
contigs
0
20
40
60
80
100
GC (%)
K77_final_contigs

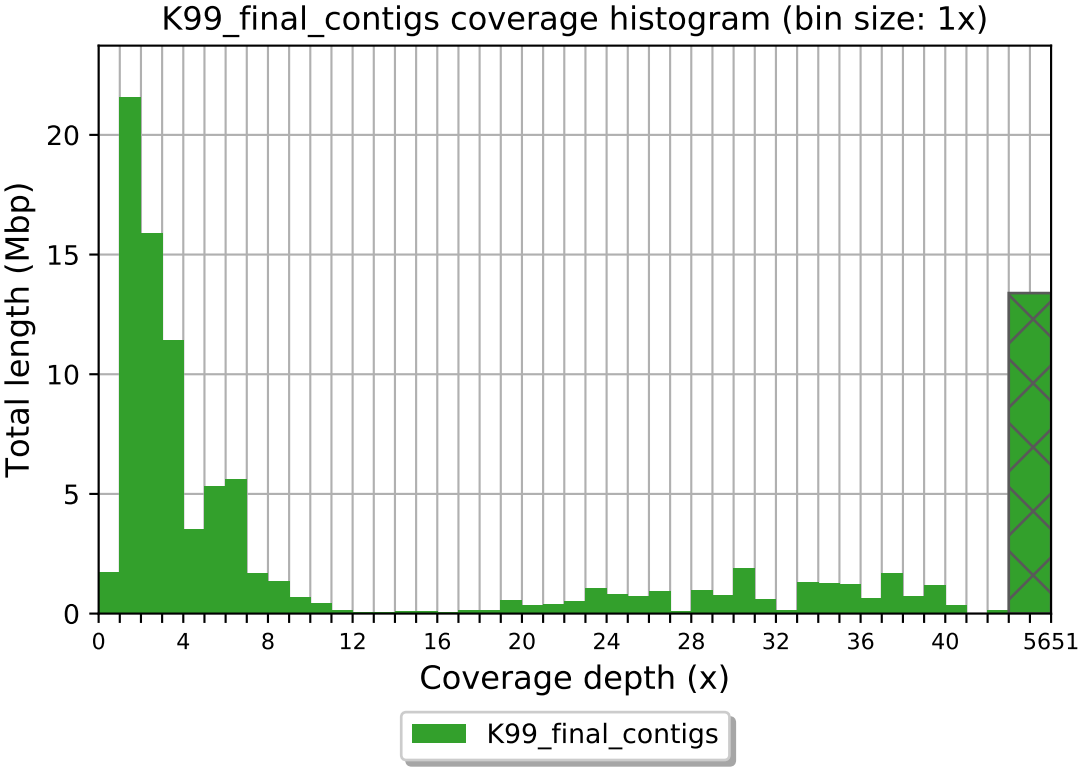

K99_final_contigs GC content
10000
8000
6000
4000
2000
0
contigs
0
20
40
60
80
100
GC (%)
K99_final_contigs

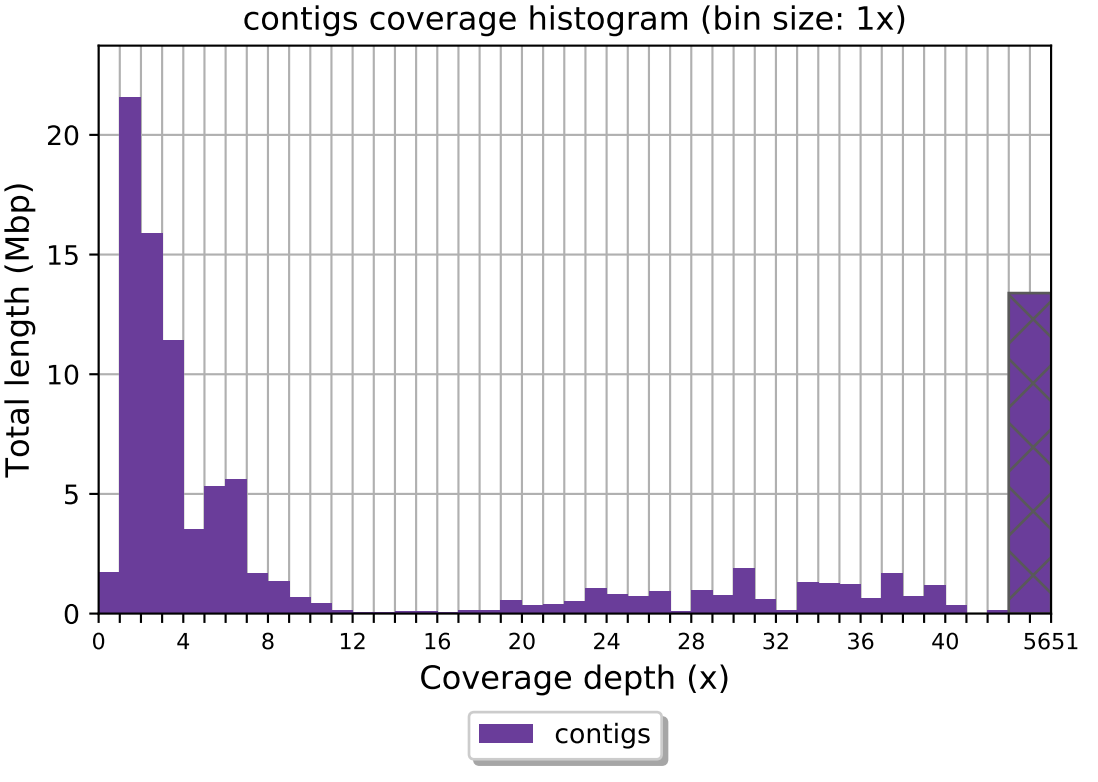

contigs GC content
10000
8000
6000
4000
2000
0
contigs
0
20
40
60
80
100
GC (%)
contigs


Coverage histogram (bin size: 1x)
Total length (Mbp)
0
5
10
15
20
0
8
16
24
32
40
48
56
64
72
80
10858
Coverage depth (x)
K55_final_contigs
K77_final_contigs
K99_final_contigs
contigs


K55_final_contigs coverage histogram (bin size: 3x)
Total length (Mbp)
0
5
10
15
20
25
0
9
18
27
36
45
54
63
72
81
10858
Coverage depth (x)
K55_final_contigs


K77_final_contigs coverage histogram (bin size: 2x)
Total length (Mbp)
30
20
10
0
0
6
12
18
24
30
36
42
48
54
60
8180
Coverage depth (x)
K77_final_contigs


K99_final_contigs coverage histogram (bin size: 1x)
Total length (Mbp)
0
5
10
15
20
0
4
8
12
16
20
24
28
32
36
40
5651
Coverage depth (x)
K99_final_contigs


contigs coverage histogram (bin size: 1x)
Total length (Mbp)
0
5
10
15
20
0
4
8
12
16
20
24
28
32
36
40
5651
Coverage depth (x)
contigs