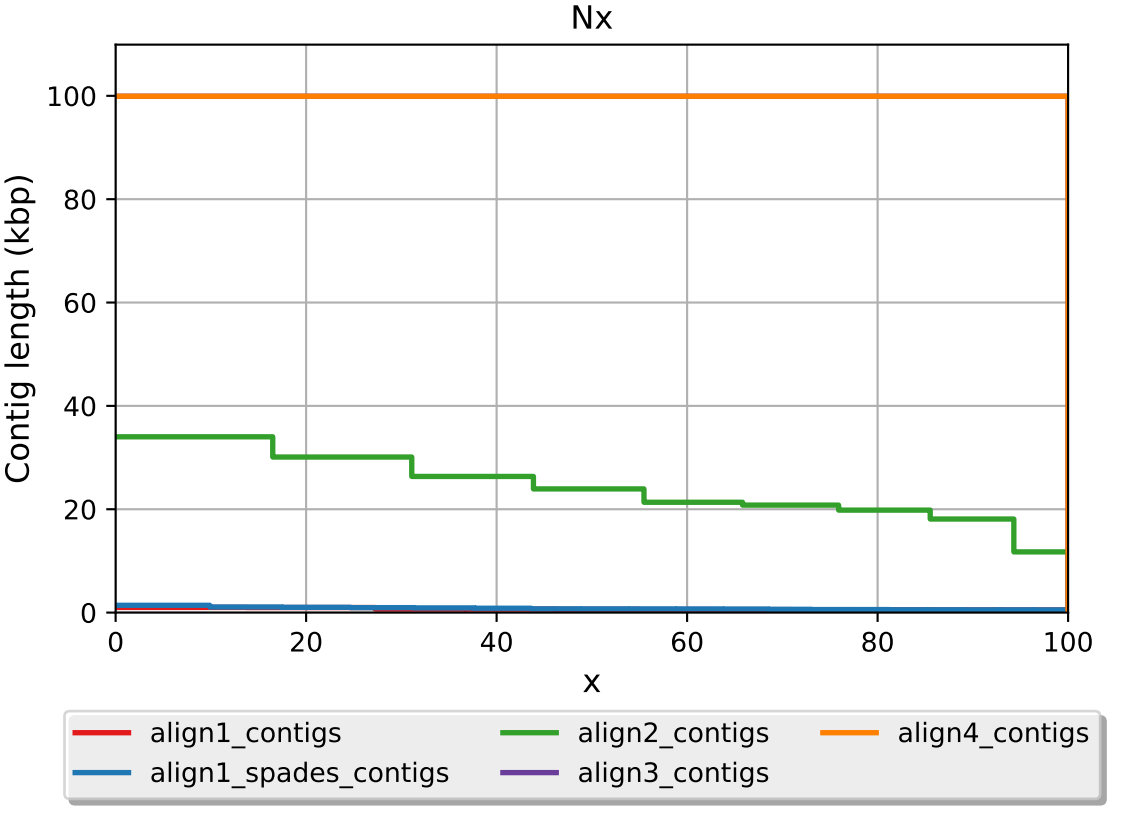
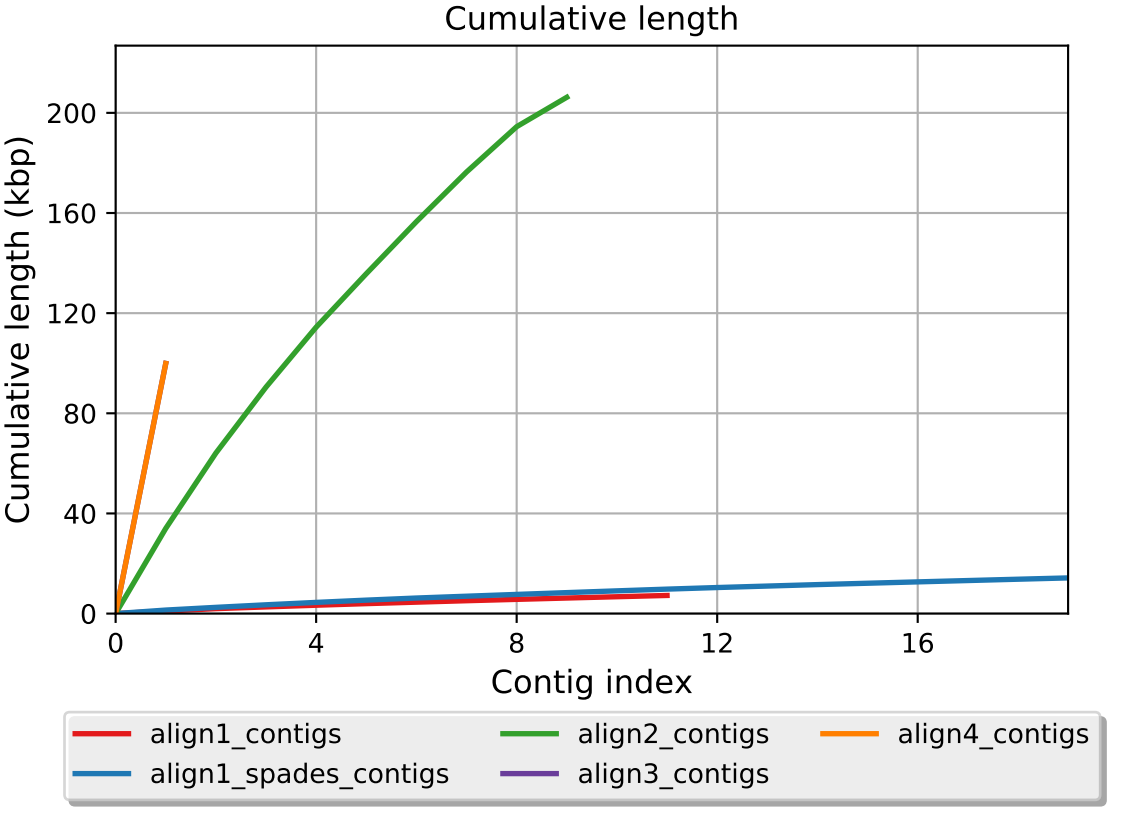
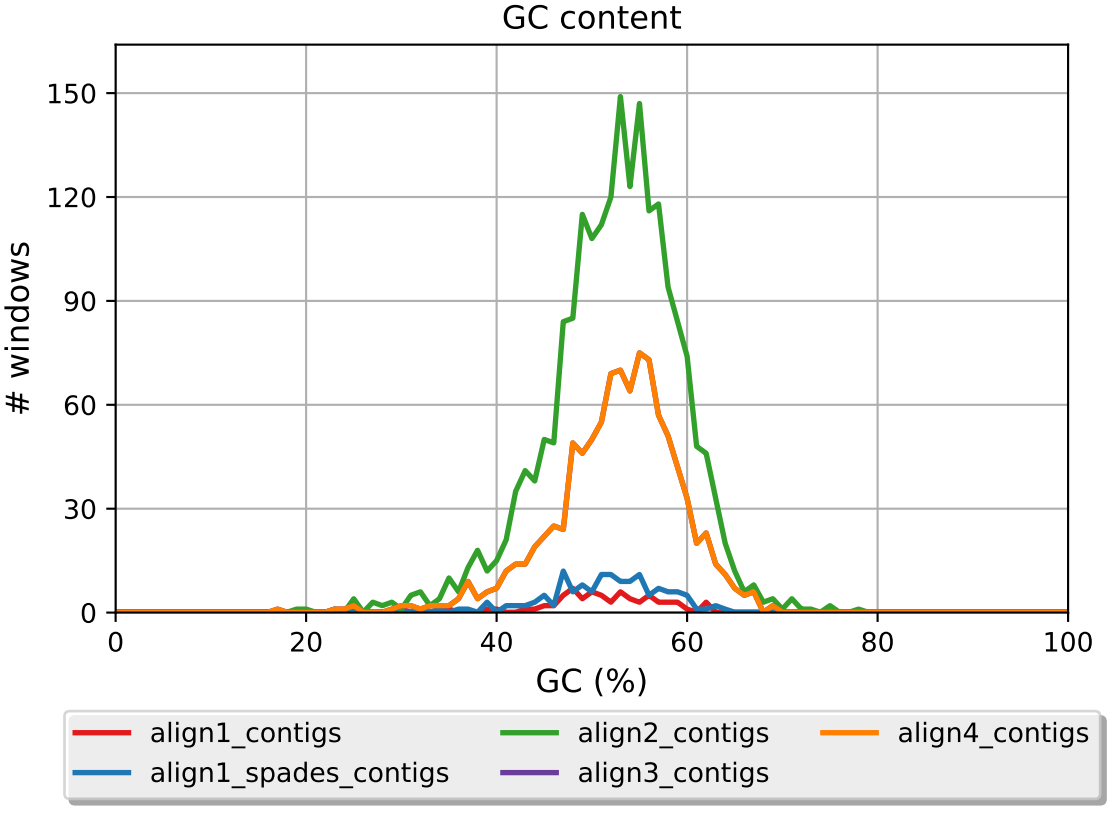
Report

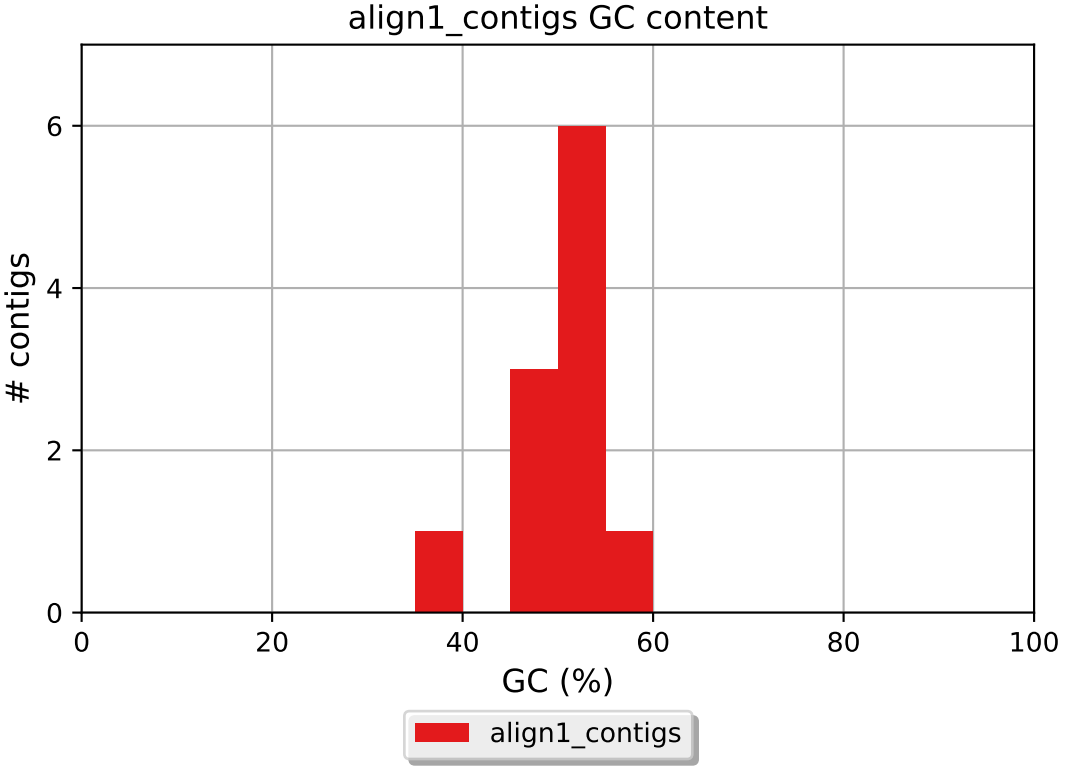
	align1_contigs	align1_spades_contigs	align2_contigs	align3_contigs	align4_contigs
# contigs (>= 0 bp)	305	123	9	2	2
# contigs (>= 1000 bp)	0	3	9	1	1
# contigs (>= 5000 bp)	0	0	9	1	1
# contigs (>= 10000 bp)	0	0	9	1	1
# contigs (>= 25000 bp)	0	0	3	1	1
# contigs (>= 50000 bp)	0	0	0	1	1
Total length (>= 0 bp)	56973	46717	206227	100026	100026
Total length (>= 1000 bp)	0	3514	206227	99915	99915
Total length (>= 5000 bp)	0	0	206227	99915	99915
Total length (>= 10000 bp)	0	0	206227	99915	99915
Total length (>= 25000 bp)	0	0	90464	99915	99915
Total length (>= 50000 bp)	0	0	0	99915	99915
# contigs	11	19	9	1	1
Largest contig	998	1409	34018	99915	99915
Total length	7243	14250	206227	99915	99915
GC (%)	50.71	51.43	52.33	52.58	52.58
N50	632	718	23933	99915	99915
N75	542	587	20800	99915	99915
L50	5	8	4	1	1
L75	8	13	6	1	1
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00

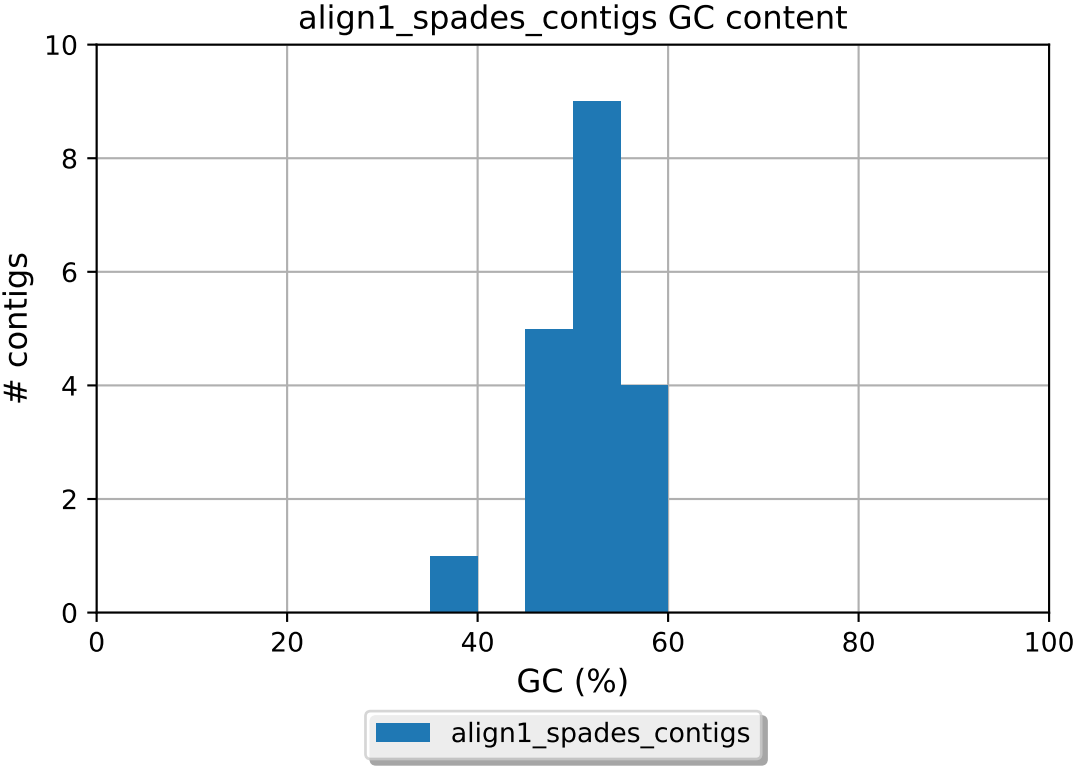
All statistics are based on contigs of size >= 500 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

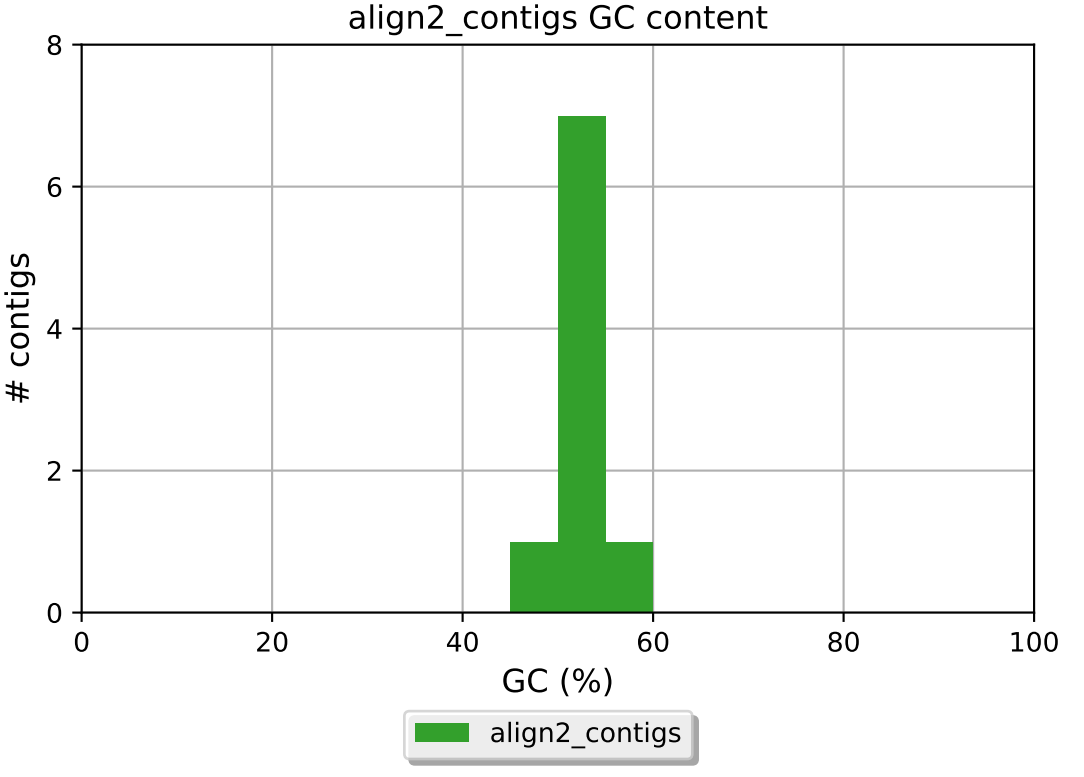

Nx
Contig length (kbp)
100
80
60
40
20
0
0
20
40
60
80
100
x
align1_contigs
align1_spades_contigs
align2_contigs
align3_contigs
align4_contigs

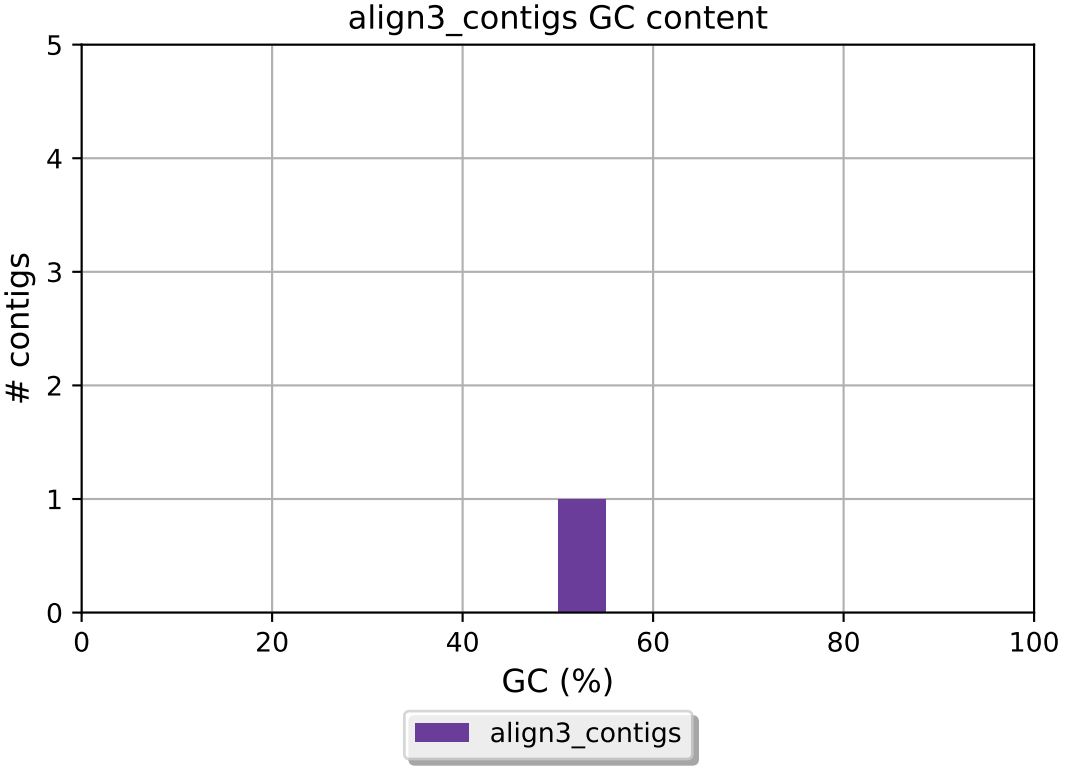

Cumulative length
Cumulative length (kbp)
200
160
120
80
40
0
0
4
8
12
16
Contig index
align1_contigs
align1_spades_contigs
align2_contigs
align3_contigs
align4_contigs

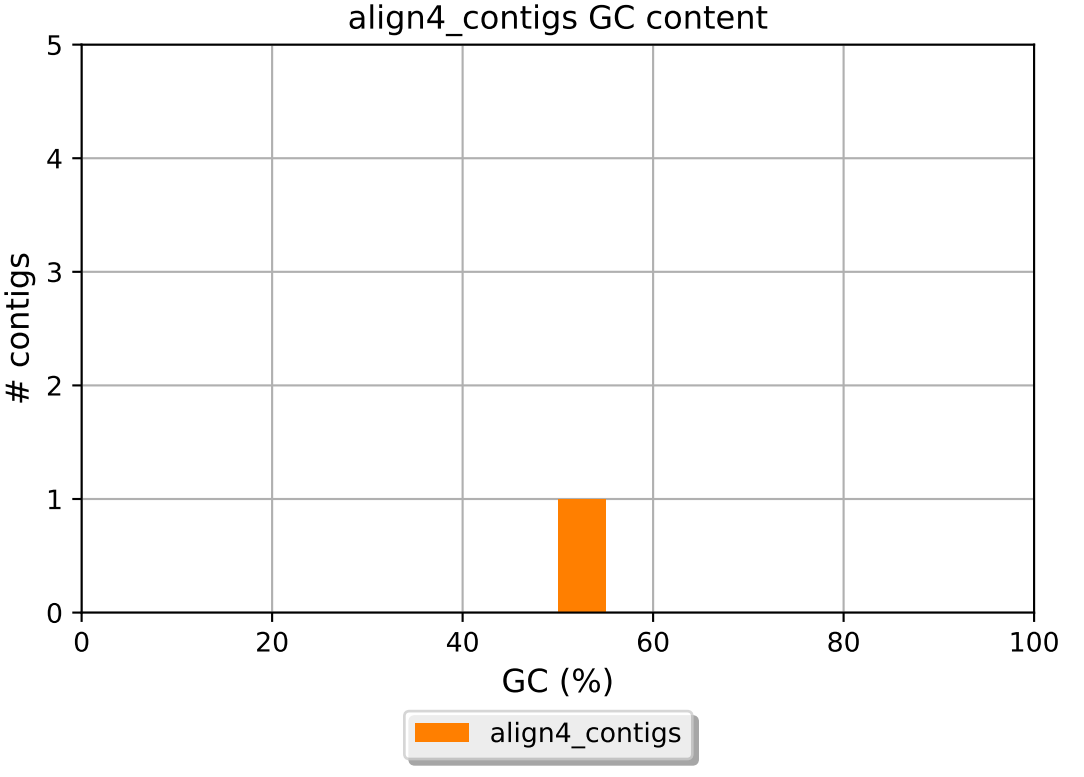

GC content
windows
150
120
90
60
30
0
0
20
40
60
80
100
GC (%)
align1_contigs
align2_contigs
align4_contigs
align1_spades_contigs
align3_contigs

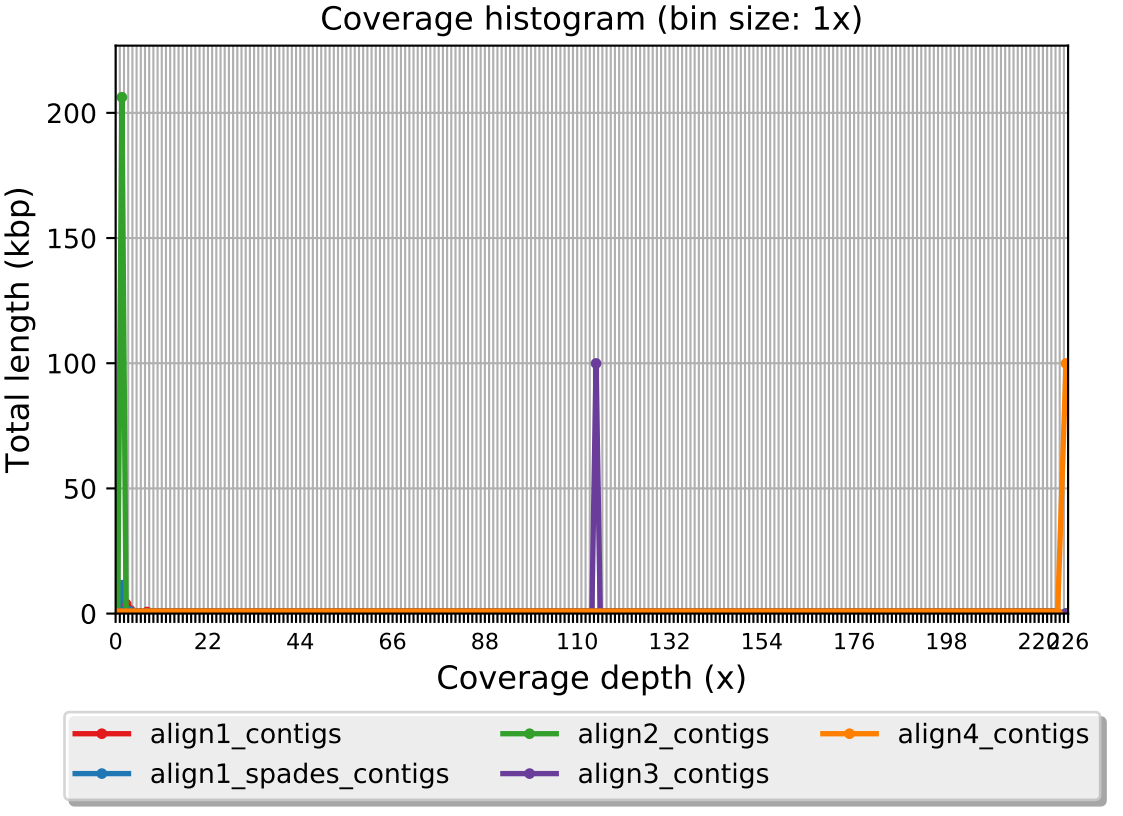

align1_contigs GC content
contigs
0
2
4
6
0
20
40
60
80
100
GC (%)
align1_contigs

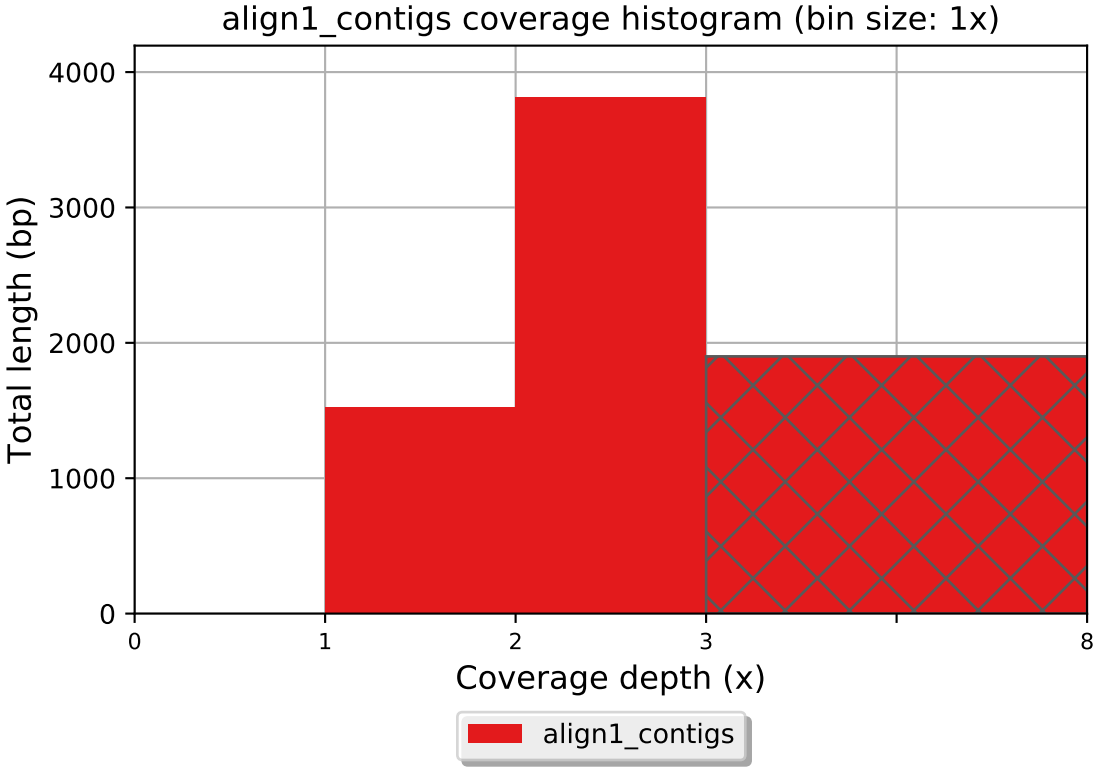

align1_spades_contigs GC content
contigs
GC (%)
0
2
4
6
8
10
0
20
40
60
80
100
align1_spades_contigs

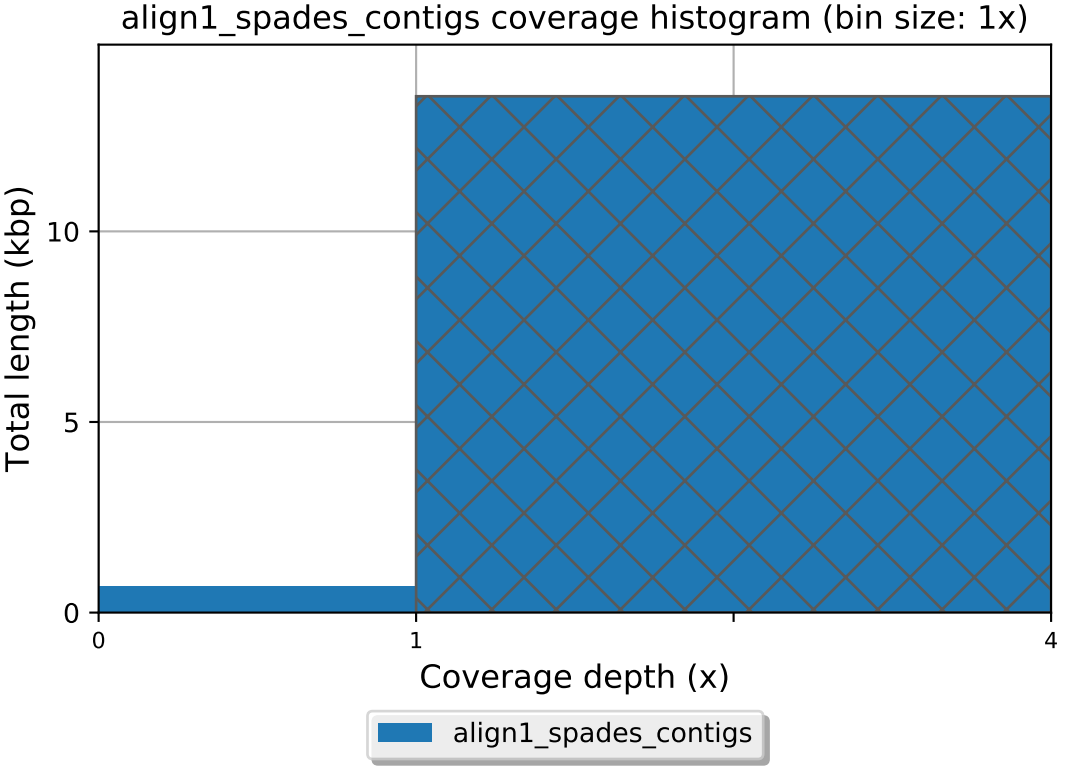

align2_contigs GC content
8
6
4
2
0
contigs
0
20
40
60
80
100
GC (%)
align2_contigs

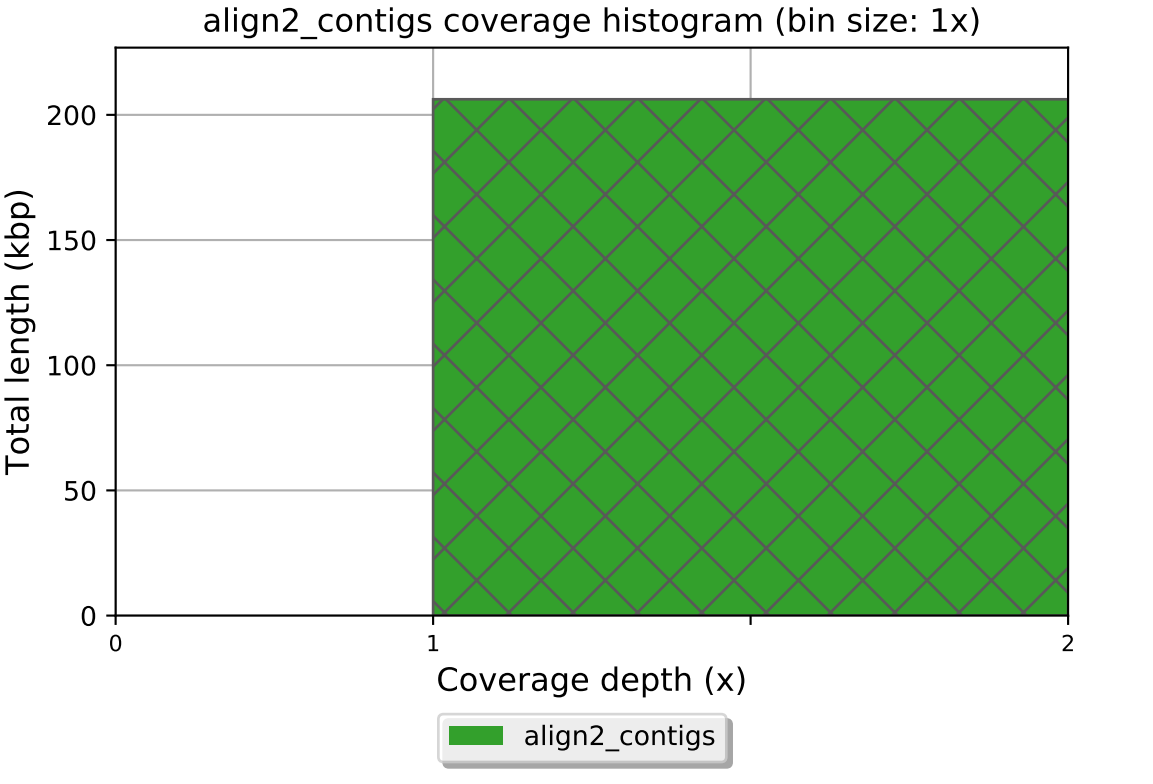

align3_contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
align3_contigs

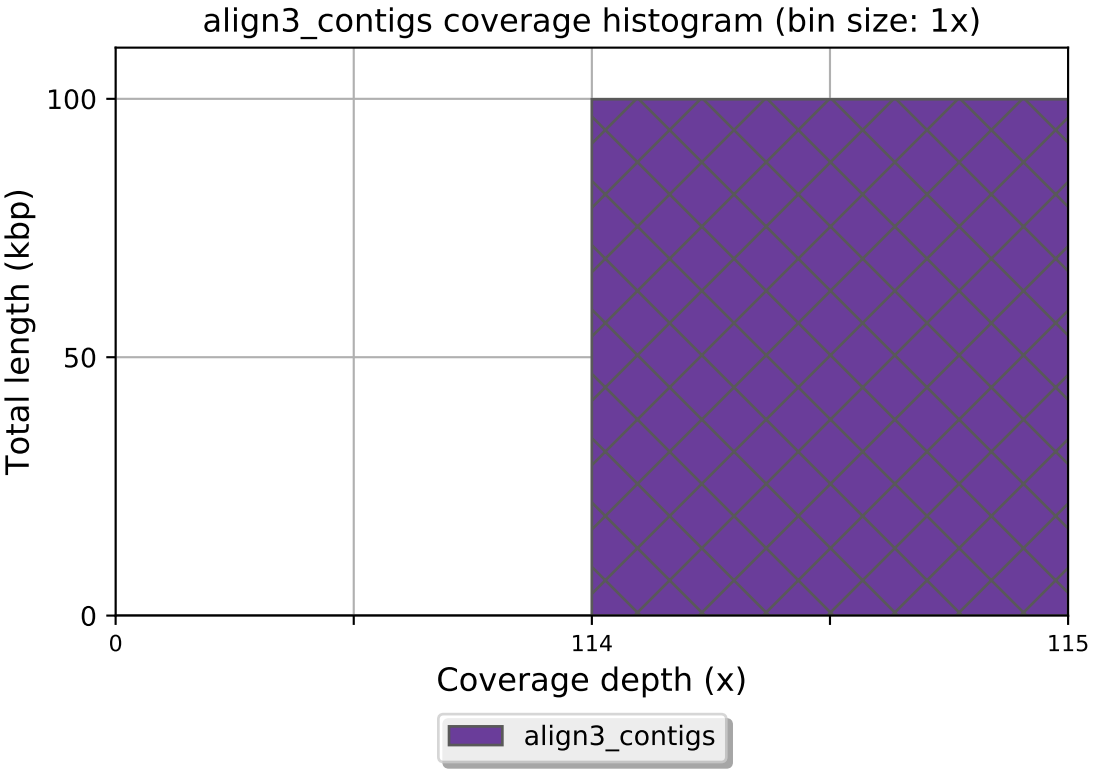

align4_contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
align4_contigs

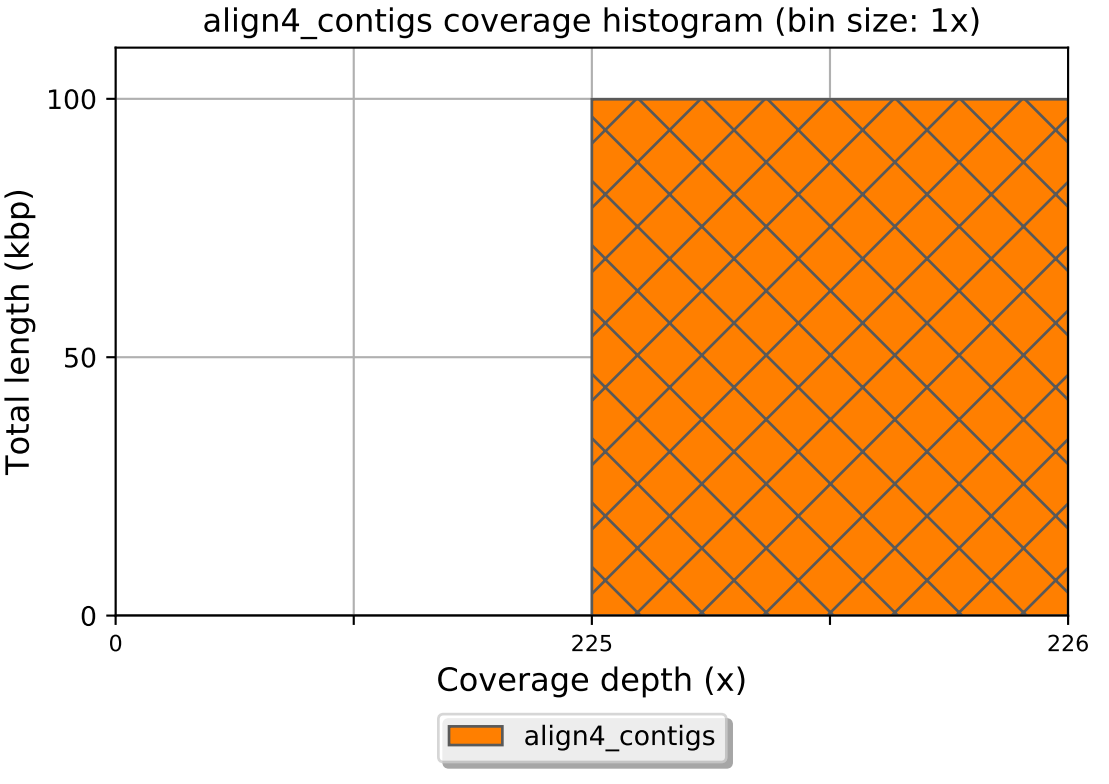

Coverage histogram (bin size: 1x)
Total length (kbp)
0
50
100
150
200
0
22
44
66
88
110
132
154
176
198
220
226
Coverage depth (x)
align1_contigs
align1_spades_contigs
align2_contigs
align3_contigs
align4_contigs


align1_contigs coverage histogram (bin size: 1x)
Total length (bp)
4000
3000
2000
1000
0
0
1
2
3
8
Coverage depth (x)
align1_contigs


align1_spades_contigs coverage histogram (bin size: 1x)
Total length (kbp)
0
5
10
0
1
4
Coverage depth (x)
align1_spades_contigs


align2_contigs coverage histogram (bin size: 1x)
Total length (kbp)
200
150
100
50
0
0
1
2
Coverage depth (x)
align2_contigs


align3_contigs coverage histogram (bin size: 1x)
100
50
0
Total length (kbp)
0
114
115
Coverage depth (x)
align3_contigs


align4_contigs coverage histogram (bin size: 1x)
Total length (kbp)
100
50
0
0
225
226
Coverage depth (x)
align4_contigs