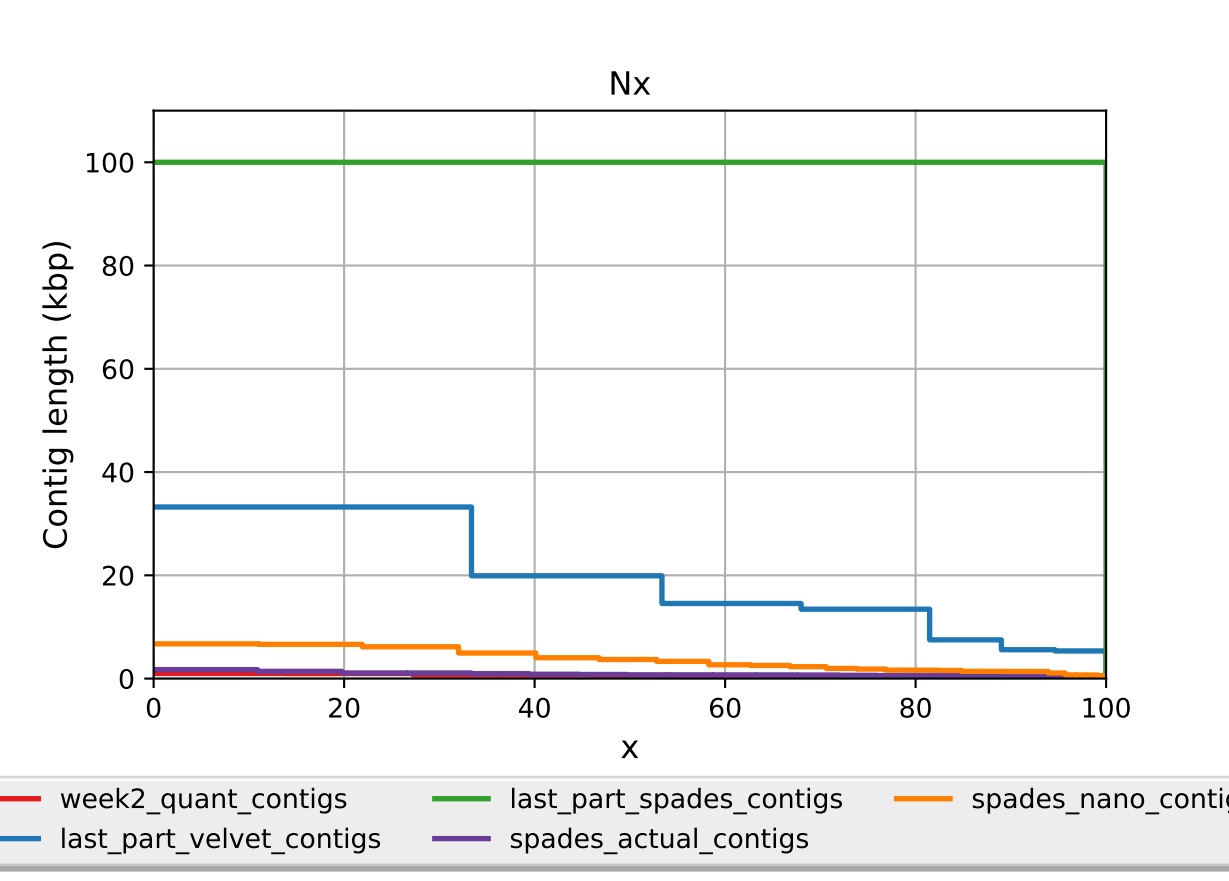
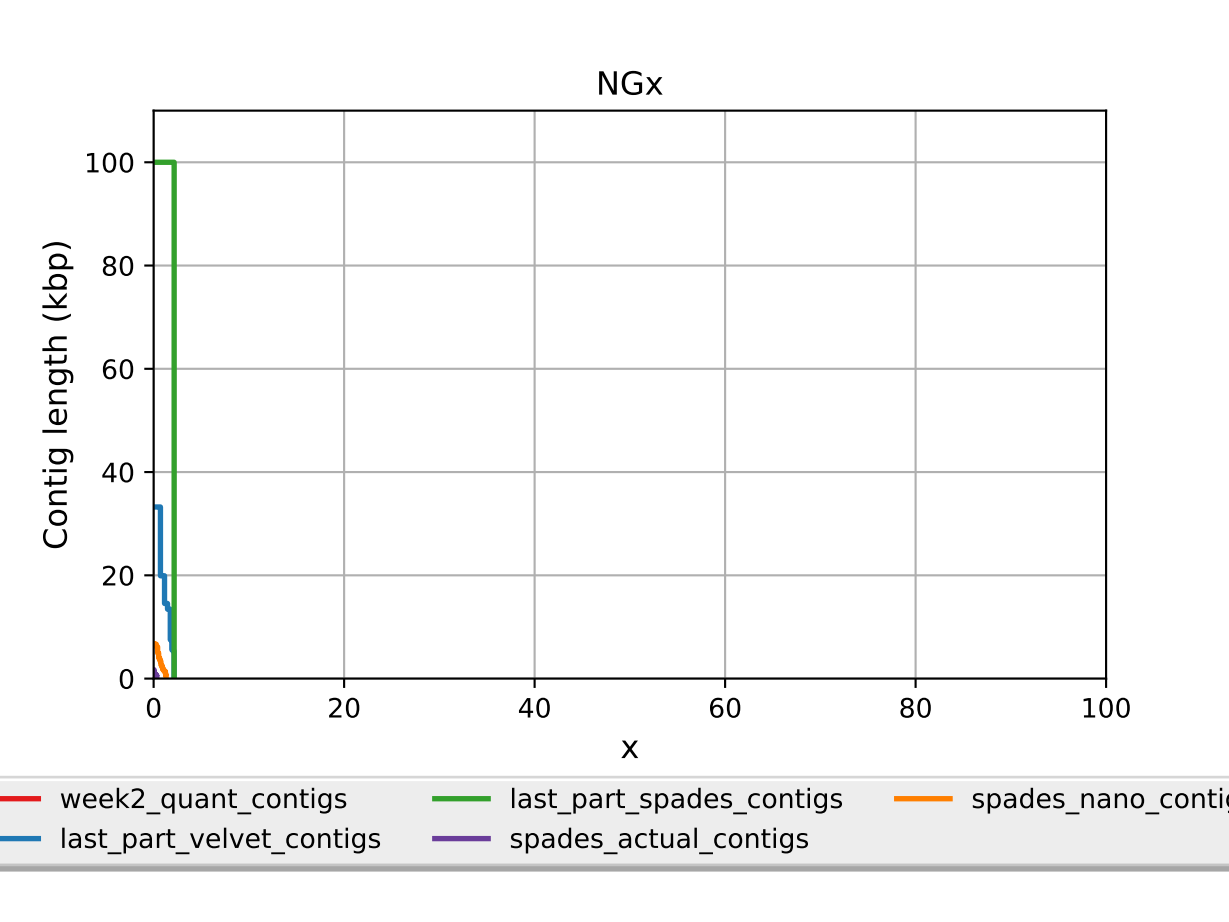
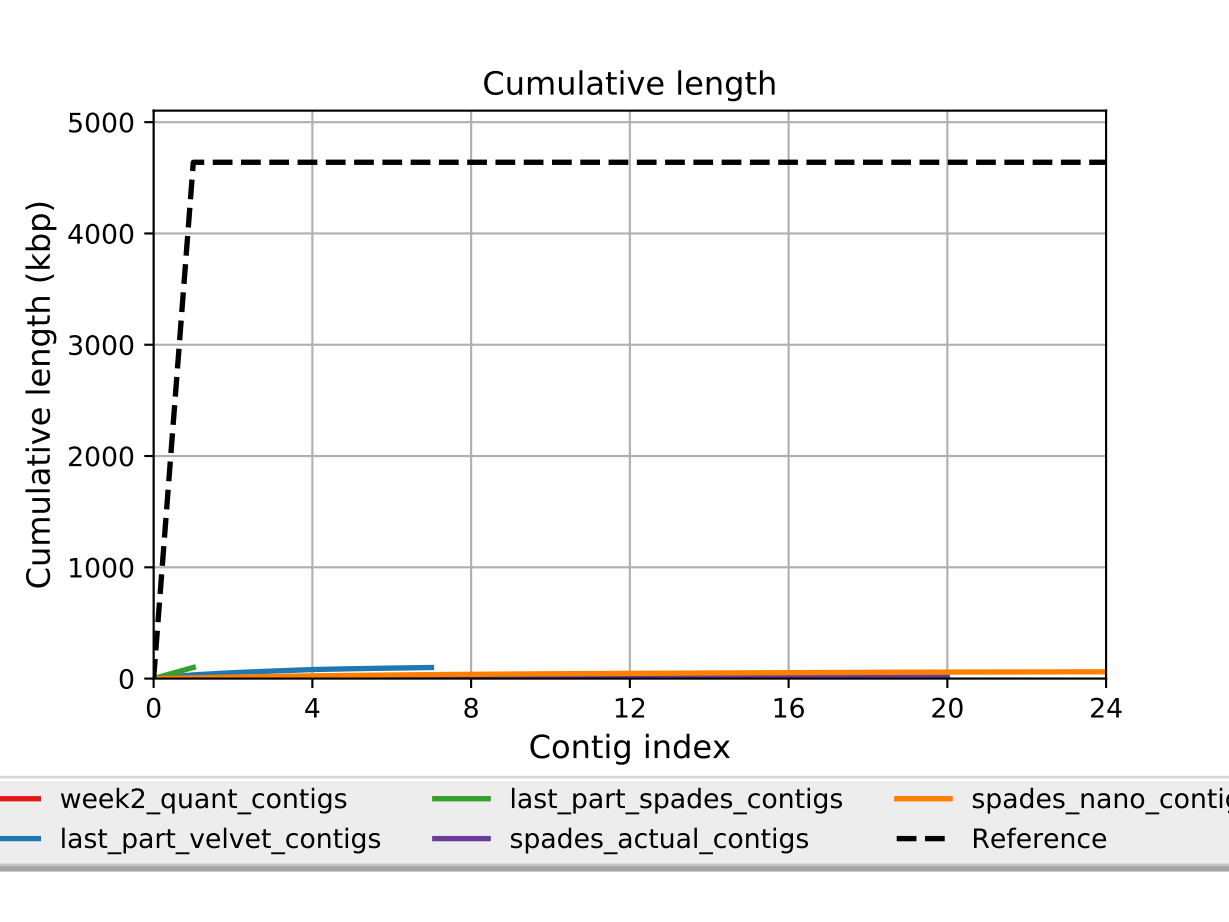
Report

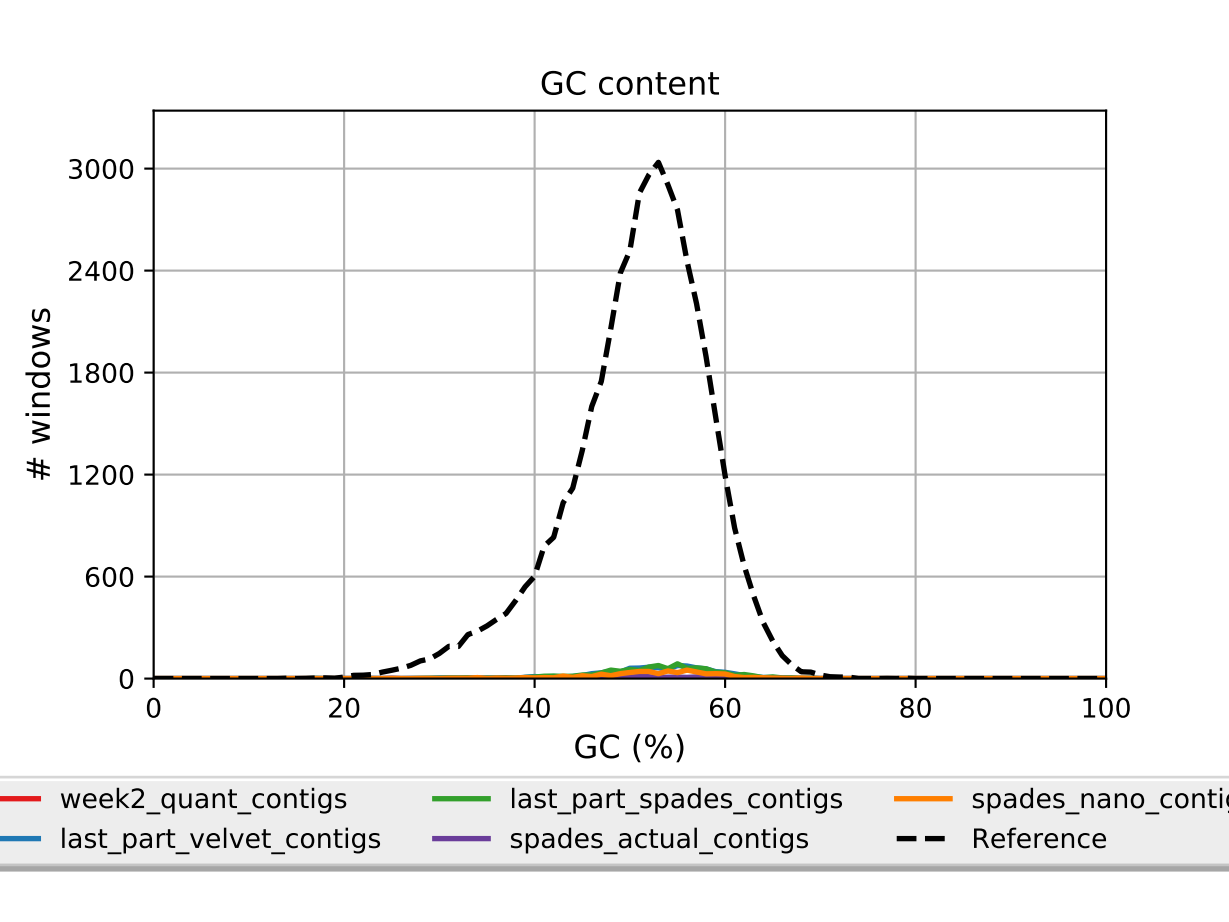
	week2_quant_contigs	last_part_velvet_contigs	last_part_spades_contigs	spades_actual_contigs	spades_nano_contigs
# contigs (>= 0 bp)	305	16	1	128	65
# contigs (>= 1000 bp)	0	7	1	4	20
# contigs (>= 5000 bp)	0	7	1	0	3
# contigs (>= 10000 bp)	0	4	1	0	0
# contigs (>= 25000 bp)	0	1	1	0	0
# contigs (>= 50000 bp)	0	0	1	0	0
Total length (>= 0 bp)	56973	100309	100000	49818	72814
Total length (>= 1000 bp)	0	99584	100000	5313	58394
Total length (>= 5000 bp)	0	99584	100000	0	19533
Total length (>= 10000 bp)	0	81134	100000	0	0
Total length (>= 25000 bp)	0	33235	100000	0	0
Total length (>= 50000 bp)	0	0	100000	0	0
# contigs	11	7	1	20	24
Largest contig	998	33235	100000	1737	6735
Total length	7243	99584	100000	15922	61012
Reference length	4639675	4639675	4639675	4639675	4639675
GC (%)	50.71	52.58	52.59	51.21	52.37
Reference GC (%)	50.79	50.79	50.79	50.79	50.79
N50	632	19911	100000	718	3698
N75	542	13440	100000	635	1843
L50	5	2	1	8	6
L75	8	4	1	13	12
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00
NGA50	-	-	-	-	-

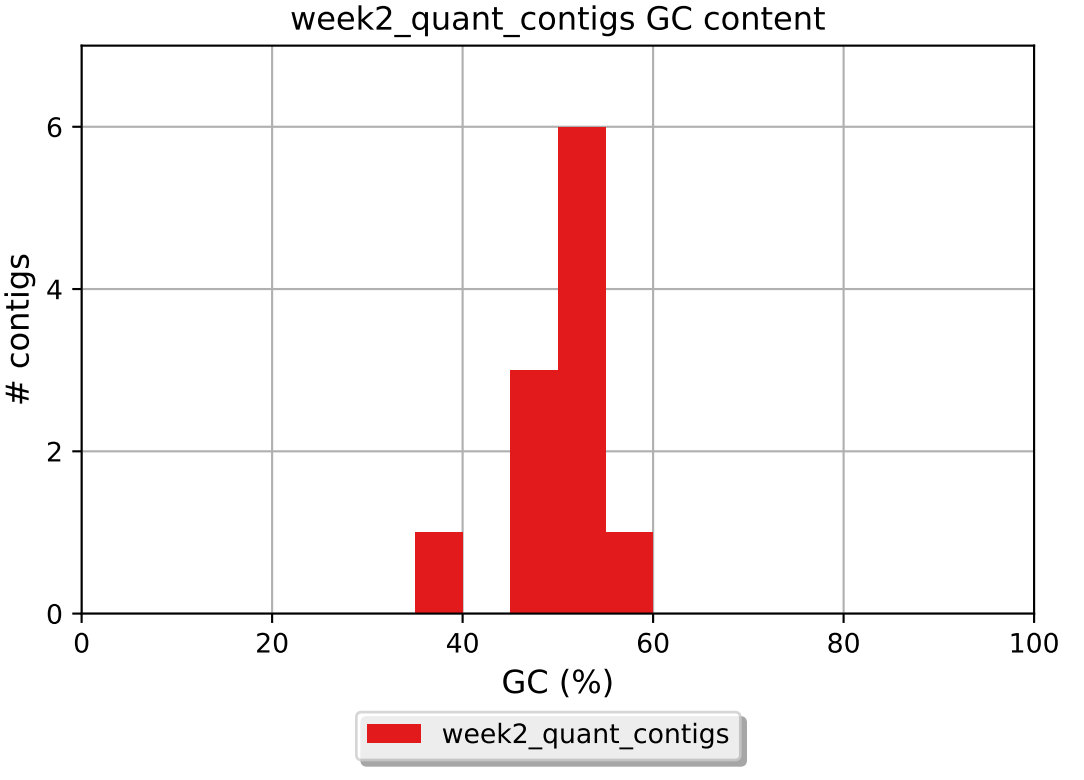
All statistics are based on contigs of size >= 500 bp, unless otherwise noted
(e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

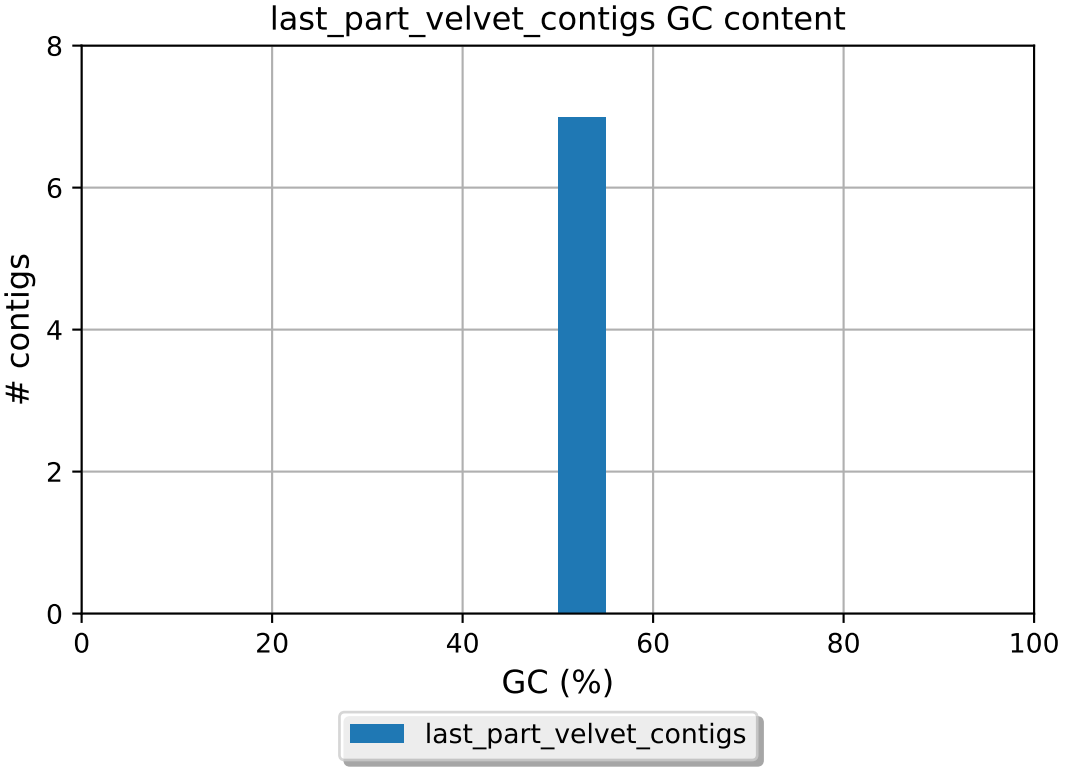

Nx
Contig length (kbp)
100
80
60
40
20
0
0
20
40
60
80
100
x
week2_quant_contigs
last_part_spades_contigs
spades_nano_contig
last_part_velvet_contigs
spades_actual_contigs

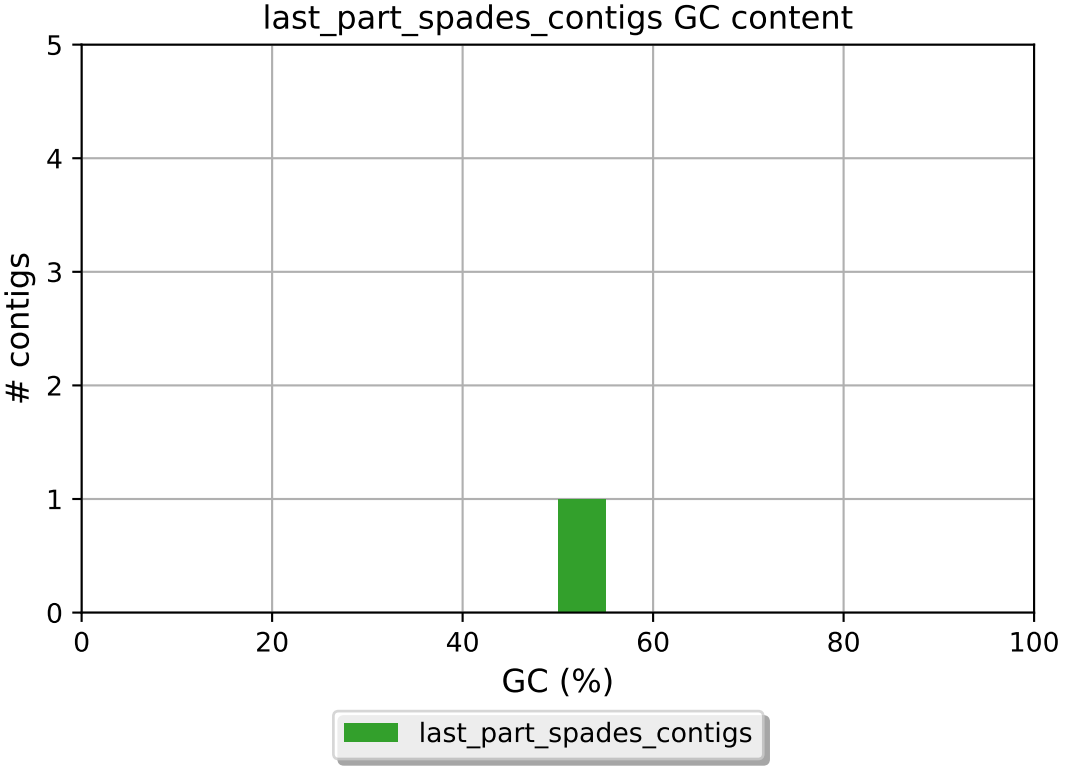

NGx
Contig length (kbp)
0
20
40
60
80
100
0
20
40
60
80
100
x
week2_quant_contigs
last_part_velvet_contigs
last_part_spades_contigs
spades_actual_contigs
spades_nano_contig

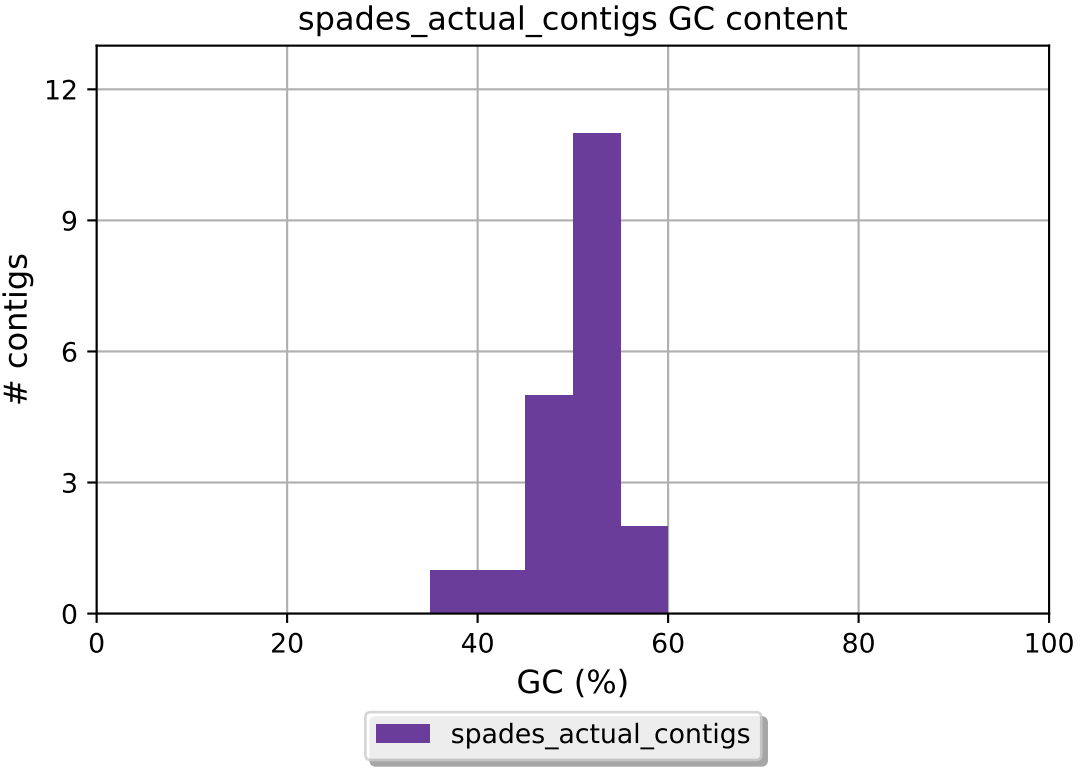

Cumulative length
Cumulative length (kbp)
5000
4000
3000
2000
1000
0
0
4
8
12
16
20
24
Contig index
week2_quant_contigs
last_part_velvet_contigs
last_part_spades_contigs
spades_actual_contigs
spades_nano_contig
Reference

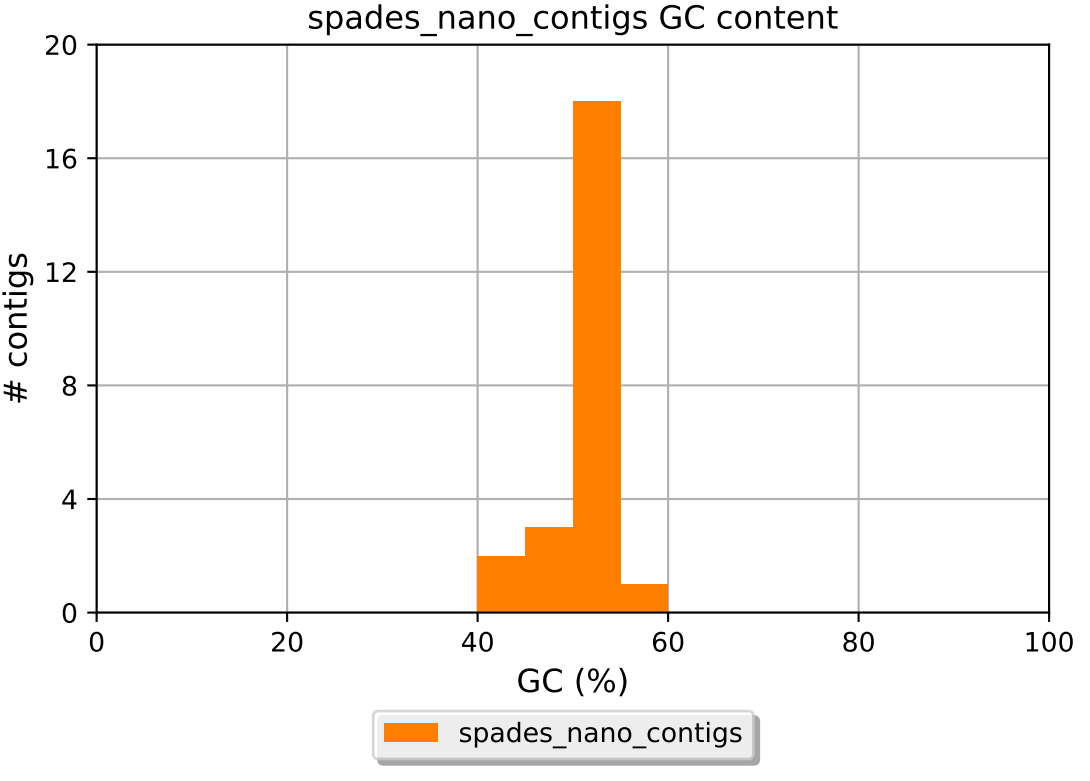

GC content
windows
3000
2400
1800
1200
600
0
0
20
40
60
80
100
GC (%)
week2_quant_contigs
last_part_spades_contigs
spades_nano_contig
last_part_velvet_contigs
spades_actual_contigs
Reference

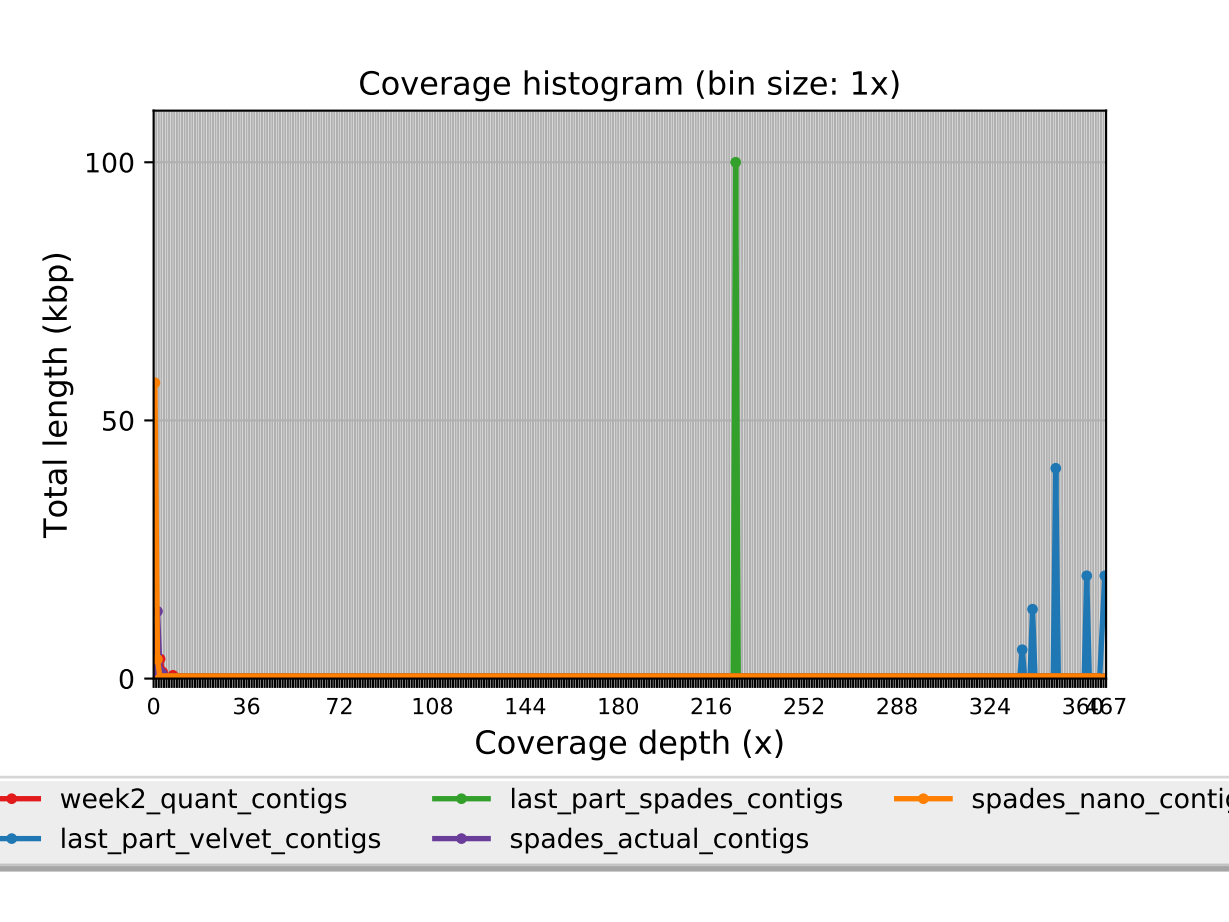

week2_quant_contigs GC content
contigs
0
2
4
6
0
20
40
60
80
100
GC (%)
week2_quant_contigs

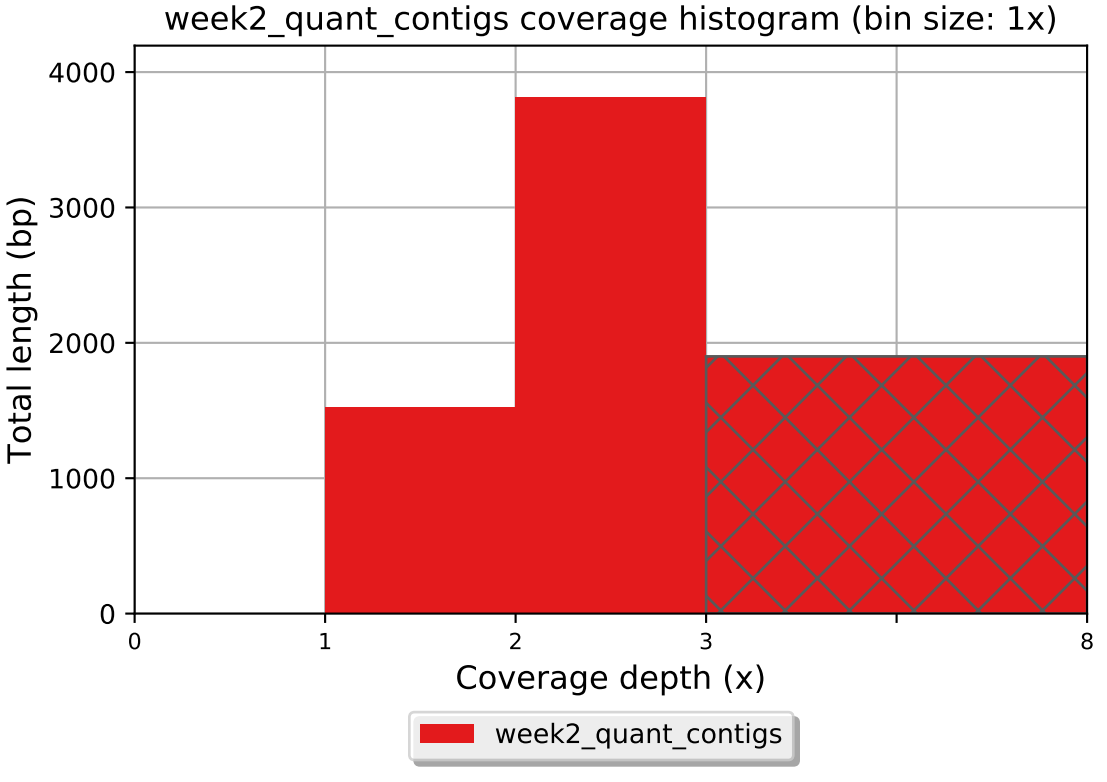

last_part_velvet_contigs GC content
8
6
4
2
0
contigs
0
20
40
60
80
100
GC (%)
last_part_velvet_contigs

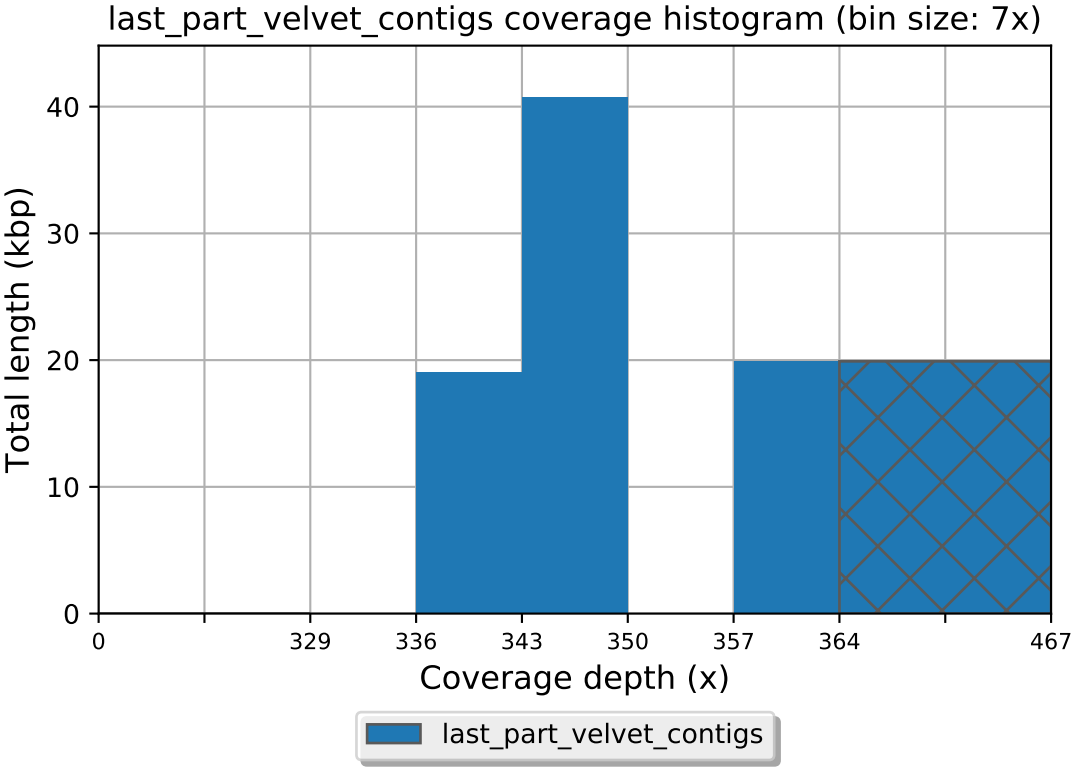

last_part_spades_contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
last_part_spades_contigs

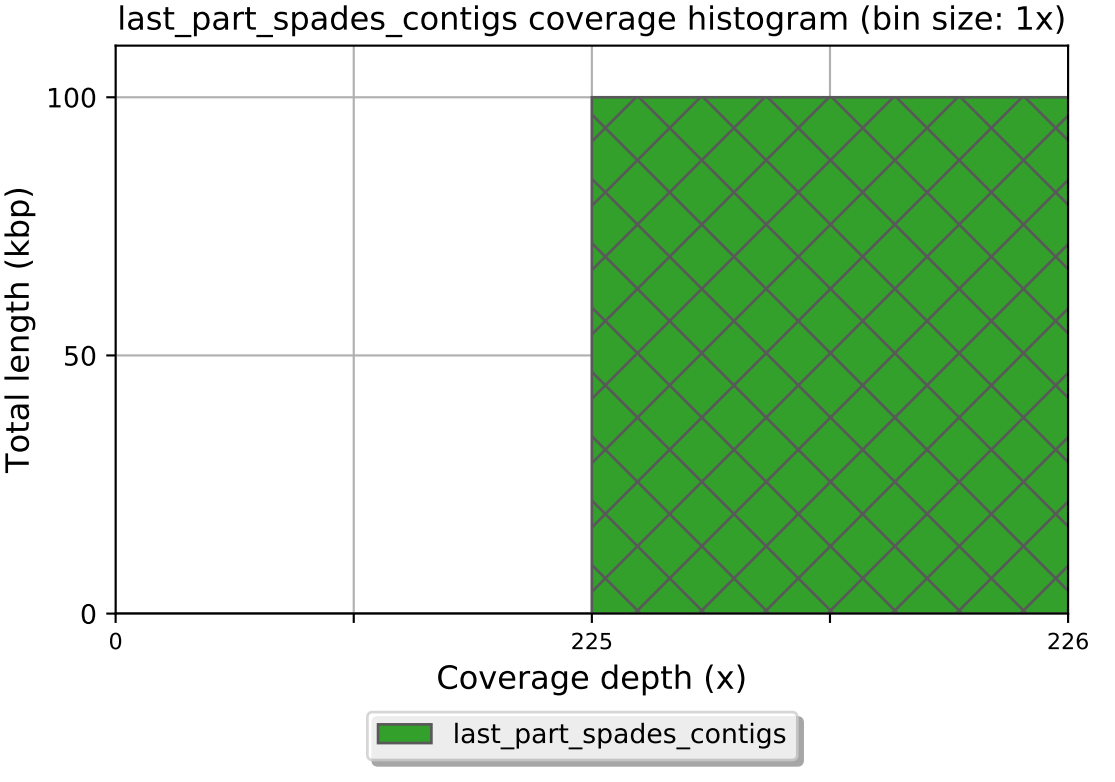

spades_actual_contigs GC content
contigs
GC (%)
0
3
6
9
12
0
20
40
60
80
100
spades_actual_contigs

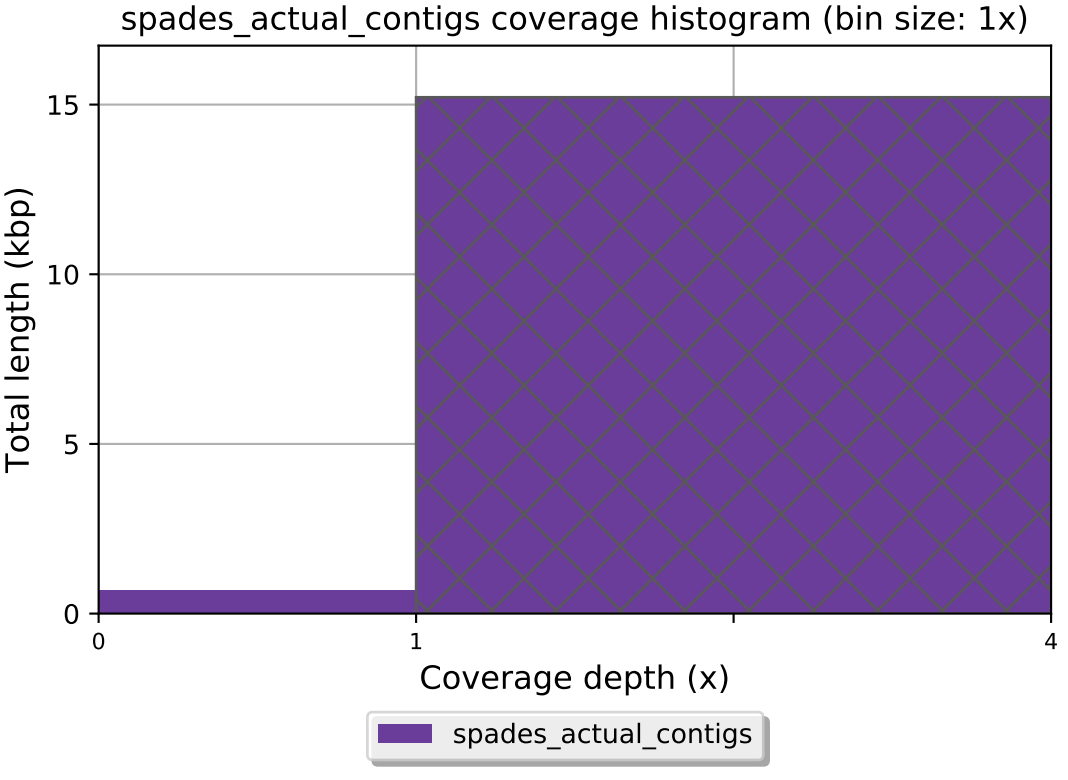

spades_nano_contigs GC content
contigs
GC (%)
0
4
8
12
16
20
0
20
40
60
80
100
spades_nano_contigs

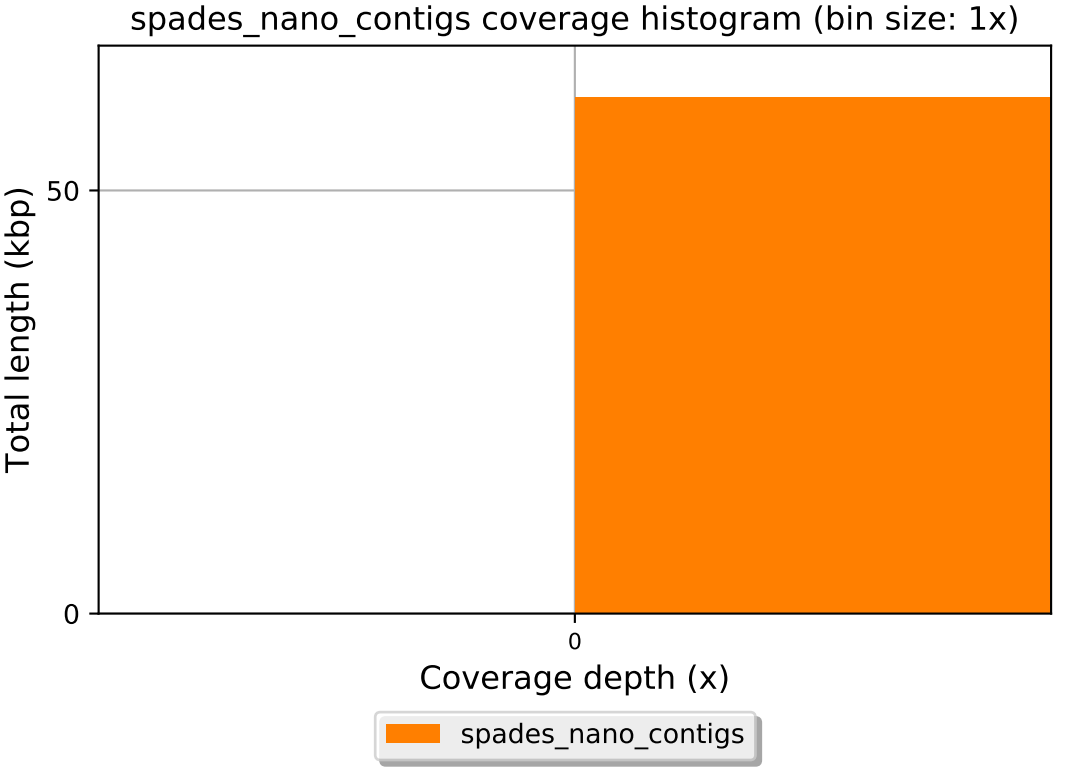

Coverage histogram (bin size: 1x)
Total length (kbp)
100
50
0
0
36
72
108
144
180
216
252
288
324
360
367
Coverage depth (x)
week2_quant_contigs
last_part_velvet_contigs
last_part_spades_contigs
spades_actual_contigs
spades_nano_contig


week2_quant_contigs coverage histogram (bin size: 1x)
Total length (bp)
4000
3000
2000
1000
0
0
1
2
3
8
Coverage depth (x)
week2_quant_contigs


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


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


spades_actual_contigs coverage histogram (bin size: 1x)
Total length (kbp)
15
10
5
0
0
1
4
Coverage depth (x)
spades_actual_contigs


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