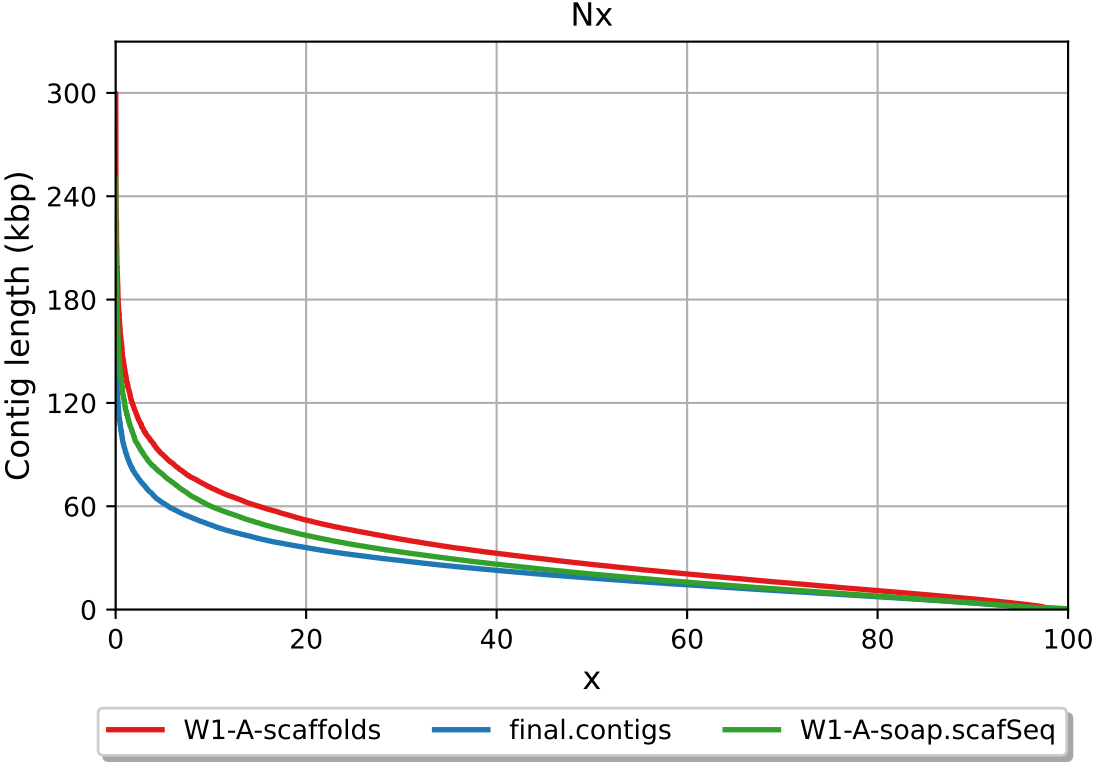
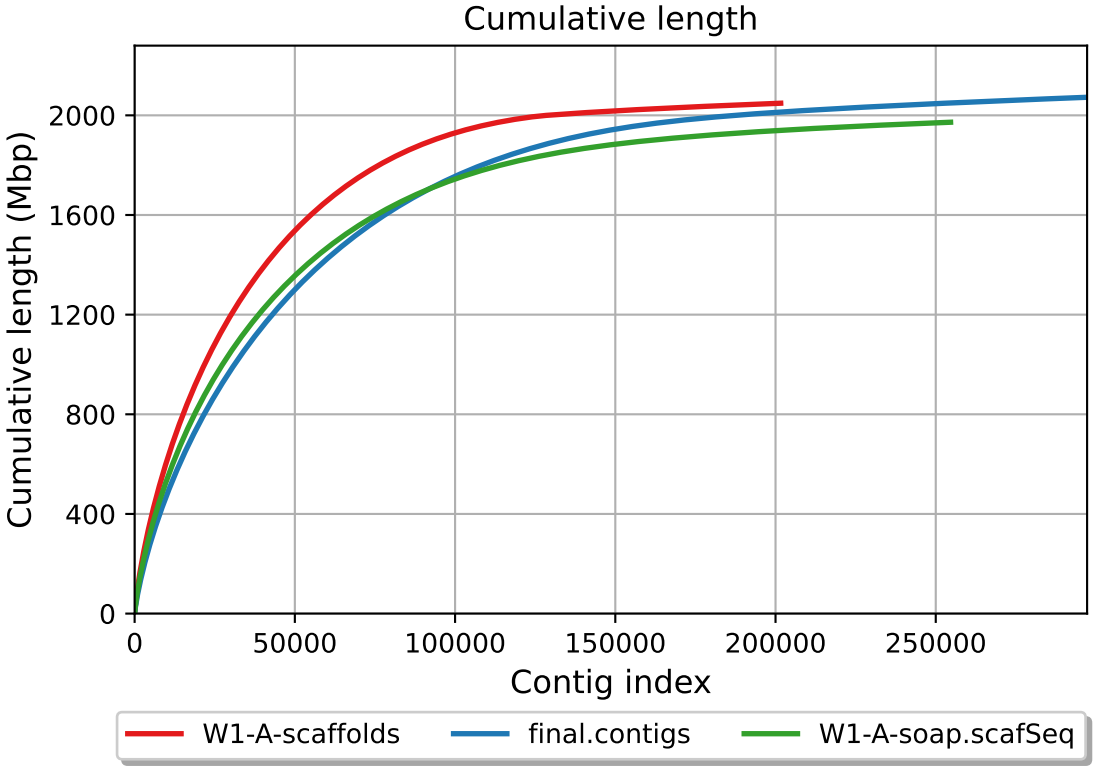
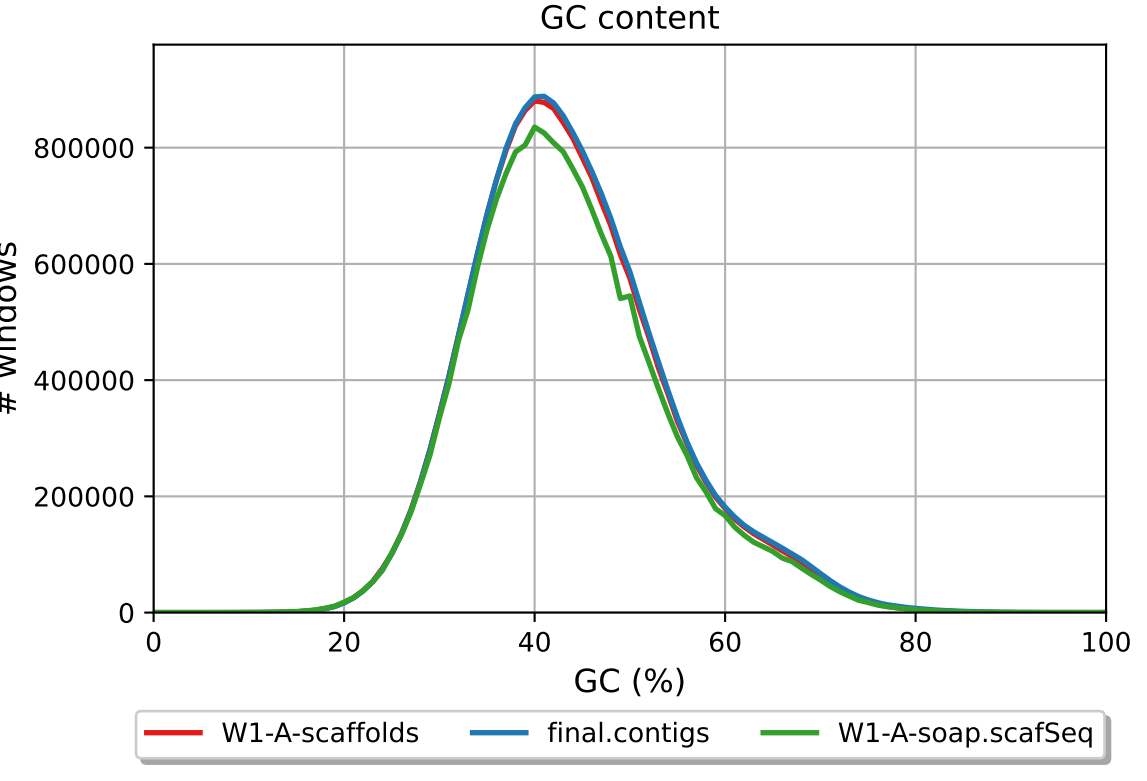
Report

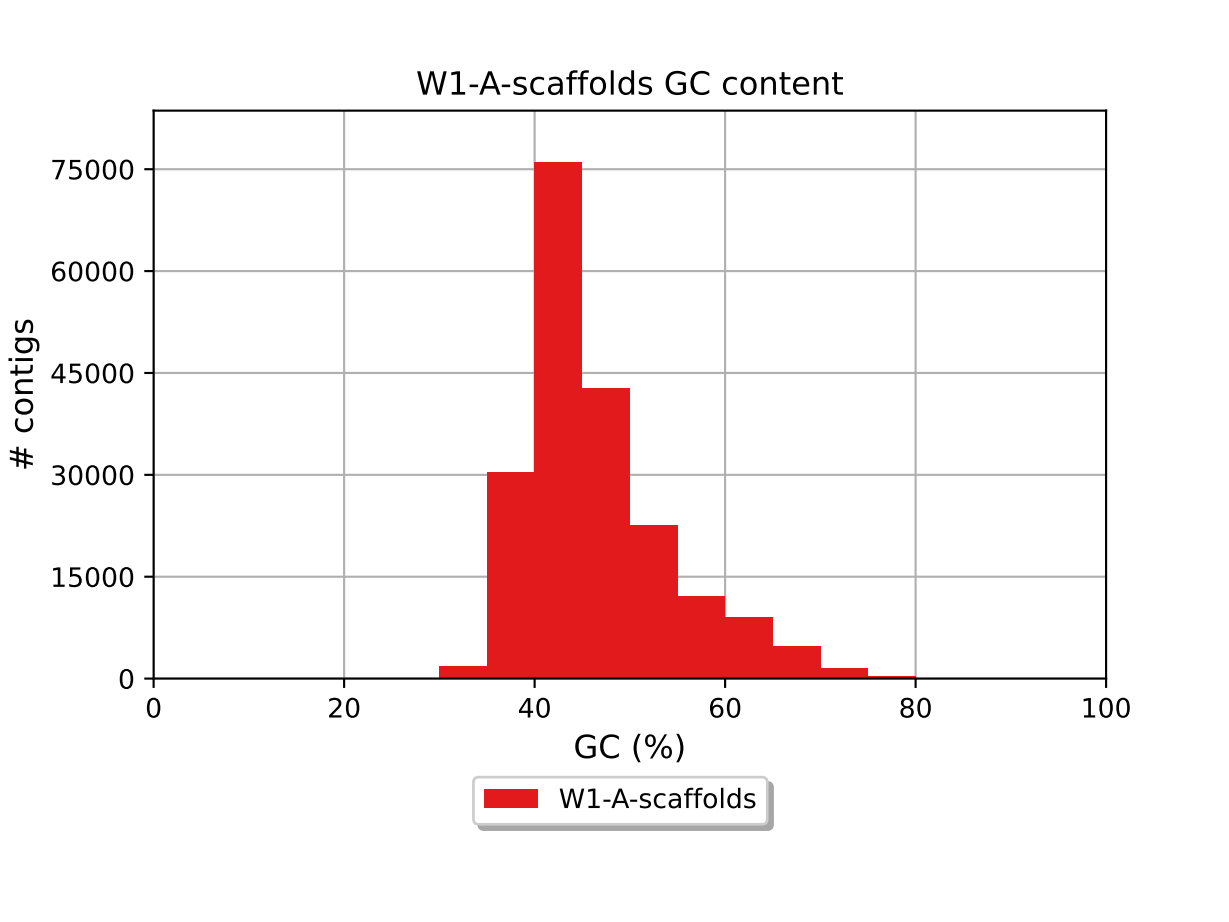
	ABySS	MEGAHIT	SOAPdenovo2
	W1-A-scaffolds	final.contigs	W1-A-soap.scafSeq
# contigs (>= 0 bp)	2118419	2016526	4302510
# contigs (>= 1000 bp)	128235	188829	178561
# contigs (>= 5000 bp)	90825	108682	95240
# contigs (>= 10000 bp)	62645	67450	60102
# contigs (>= 25000 bp)	24430	19178	19989
# contigs (>= 50000 bp)	6212	3057	4334
Total length (>= 0 bp)	2412364772	2556992461	2558046622
Total length (>= 1000 bp)	1999634395	2001525914	1919780233
Total length (>= 5000 bp)	1889199532	1802063399	1721813040
Total length (>= 10000 bp)	1683849457	1502934610	1468244755
Total length (>= 25000 bp)	1068318912	739349188	832894057
Total length (>= 50000 bp)	440085929	198556342	299482189
# contigs	201612	297228	254624
Largest contig	299793	165262	250385
Total length	2048669361	2072540175	1972334240
GC (%)	43.70	43.86	43.53
N50	26214	18275	20633
N90	6191	3816	3886
auN	33849.9	23300.9	27698.7
L50	22712	33113	26743
L90	82698	123096	107293
# N's per 100 kbp	324.62	0.00	4415.14

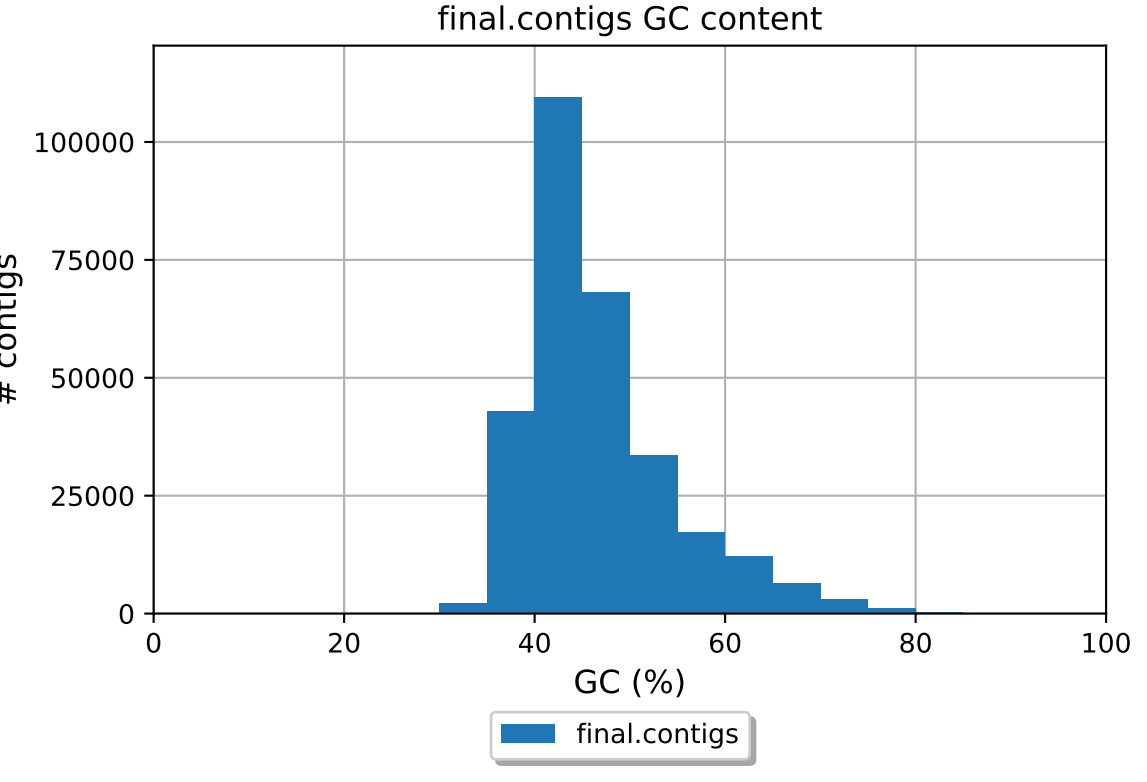
All statistics are based on contigs of size >= 500 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

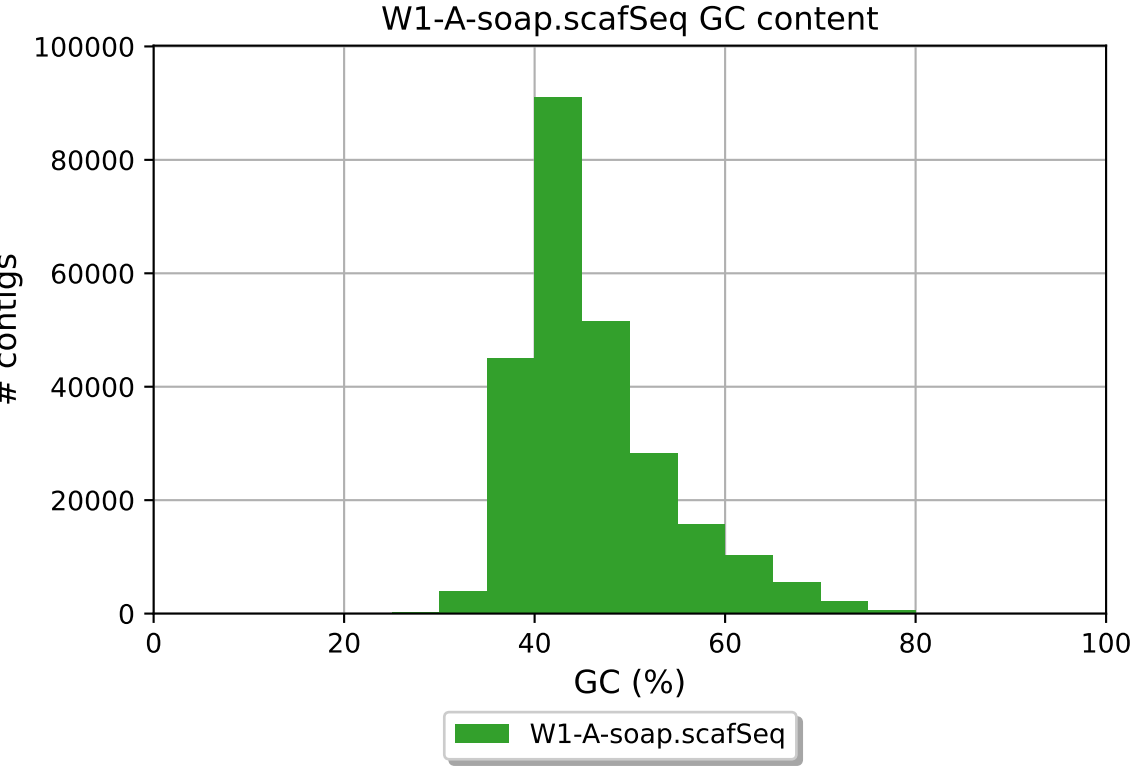

Nx
Contig length (kbp)
300
240
180
120
60
0
0
20
40
60
80
100
x
W1-A-scaffolds
final.contigs
W1-A-soap.scafSeq


Cumulative length
Cumulative length (Mbp)
2000
1600
1200
800
400
0
0
50000
100000
150000
200000
250000
Contig index
W1-A-scaffolds
final.contigs
W1-A-soap.scafSeq


GC content
800000
600000
400000
200000
0
Windows
0
20
40
60
80
100
GC (%)
W1-A-scaffolds
final.contigs
W1-A-soap.scafSeq


W1-A-scaffolds GC content
75000
60000
45000
30000
15000
0
contigs
0
20
40
60
80
100
GC (%)
W1-A-scaffolds


final.contigs GC content
contigs
100000
75000
50000
25000
0
0
20
40
60
80
100
GC (%)
final.contigs


W1-A-soap.scafSeq GC content
100000
80000
60000
40000
20000
0
contigs
0
20
40
60
80
100
GC (%)
W1-A-soap.scafSeq