Report

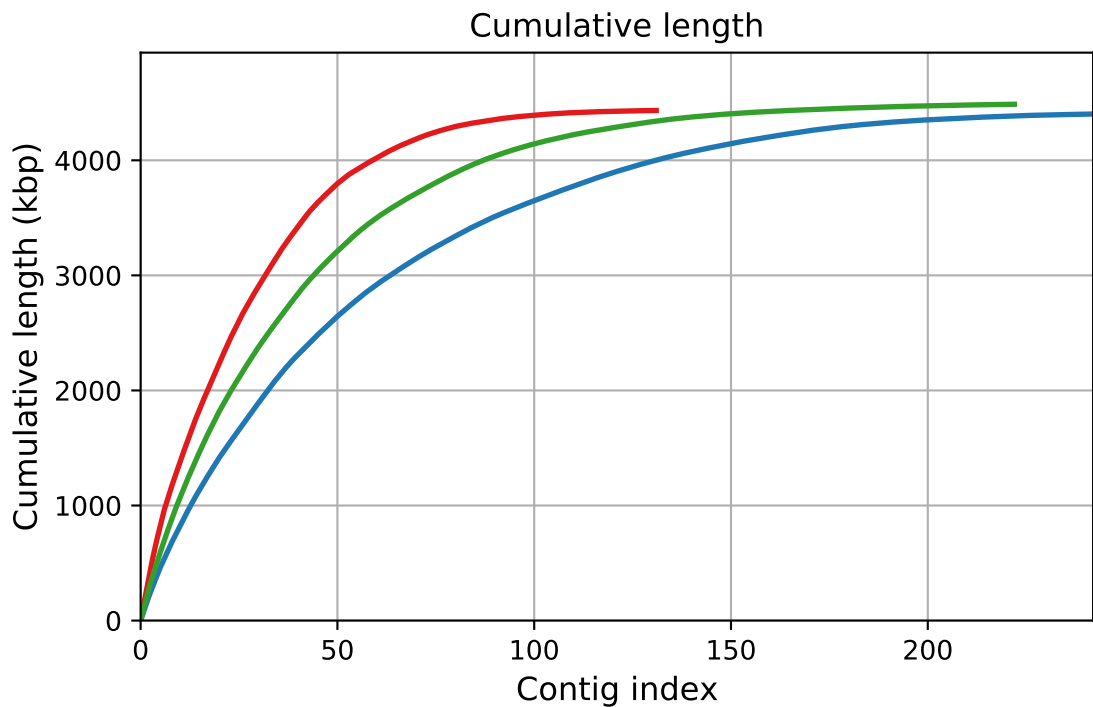|	spades_processed_B055059_contigs	skesa_processed_B055059_contigs	megahit_processed_B055059_contigs
# contigs (>= 0 bp)	216	248	801
# contigs (>= 1000 bp)	118	226	189
# contigs (>= 5000 bp)	91	169	126
# contigs (>= 10000 bp)	76	125	96
# contigs (>= 25000 bp)	53	59	60
# contigs (>= 50000 bp)	36	21	30
Total length (>= 0 bp)	4450457	4404890	4576149
Total length (>= 1000 bp)	4424267	4390400	4463968
Total length (>= 5000 bp)	4359529	4252861	4316355
Total length (>= 10000 bp)	4256804	3944784	4104458
Total length (>= 25000 bp)	3878757	2895977	3501429
Total length (>= 50000 bp)	3235931	1466846	2379503
# contigs	131	242	222
Largest contig	177983	102722	135566
Total length	4433132	4402042	4487002
GC (%)	28.40	28.45	28.37
N50	78324	41147	53831
N75	46970	18788	30793
L50	20	37	28
L75	38	78	55
# total reads	1676109	1677618	1677810
# left	837628	837628	837628
# right	837628	837628	837628
Mapped (%)	99.86	99.3	99.9
Properly paired (%)	98.58	97.67	97.87
Avg. coverage depth	55	55	54
Coverage >= 1x (%)	100.0	100.0	100.0
# N's per 100 kbp	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).

Reads report

	spades_processed_B055059_contigs	skesa_processed_B055059_contigs	megahit_processed_B055059_contigs
# total reads	1676109	1677618	1677810
# left	837628	837628	837628
# right	837628	837628	837628
# mapped	1673688	1665851	1676107
Mapped (%)	99.86	99.3	99.9
# properly paired	1652344	1638546	1642086
Properly paired (%)	98.58	97.67	97.87
# singletons	1153	6083	555
Singletons (%)	0.07	0.36	0.03
# misjoint mates	17792	17326	29418
Misjoint mates (%)	1.06	1.03	1.75
Avg. coverage depth	55	55	54
Coverage >= 1x (%)	100.0	100.0	100.0
Coverage >= 5x (%)	99.32	99.72	99.33
Coverage >= 10x (%)	97.74	98.21	97.7

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

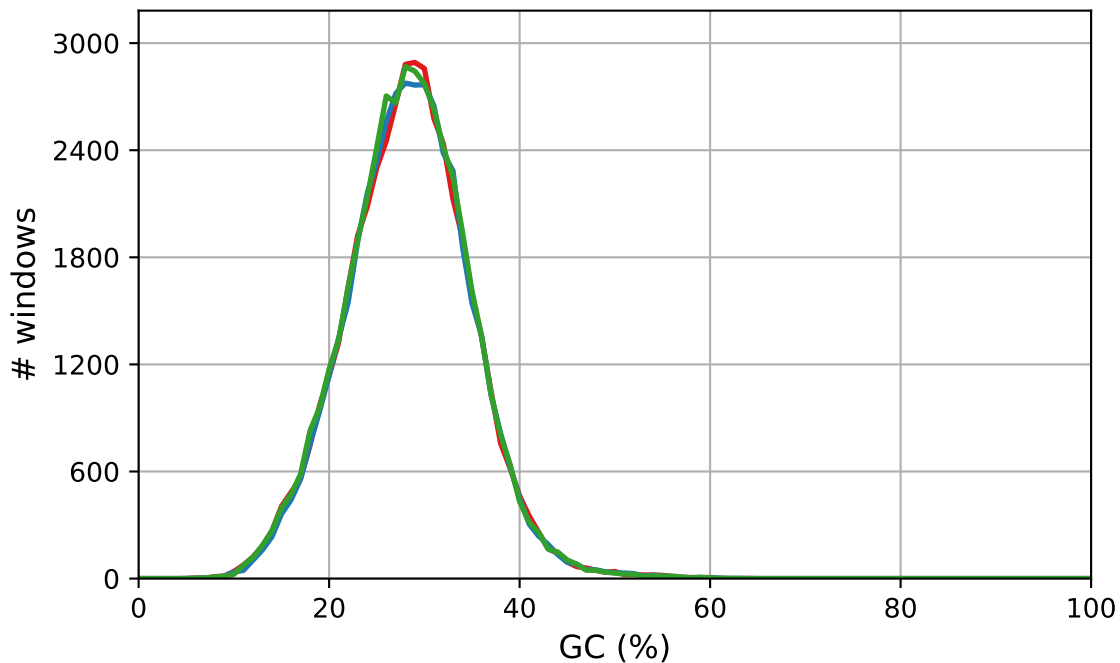_sed_B055059_contigs ——— skesa_processed_B055059_contigs ——— megahit_process

Cumulative length

Cumulative length (kbp) vs Contig index
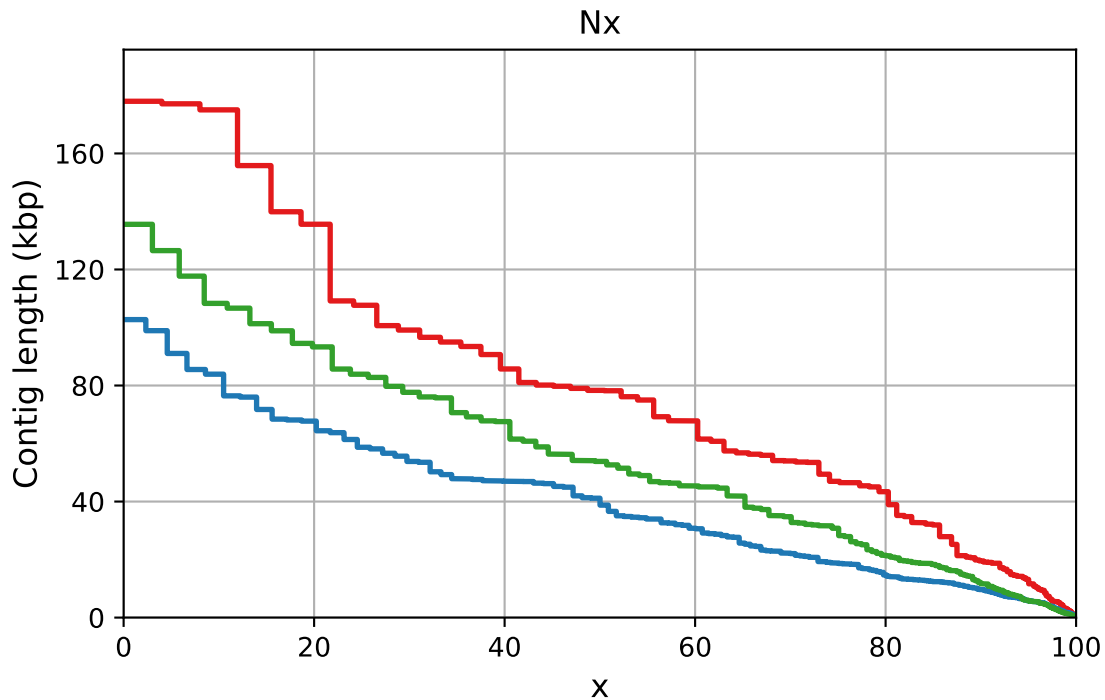
GC content

spades_processed_B055059_contigs GC content
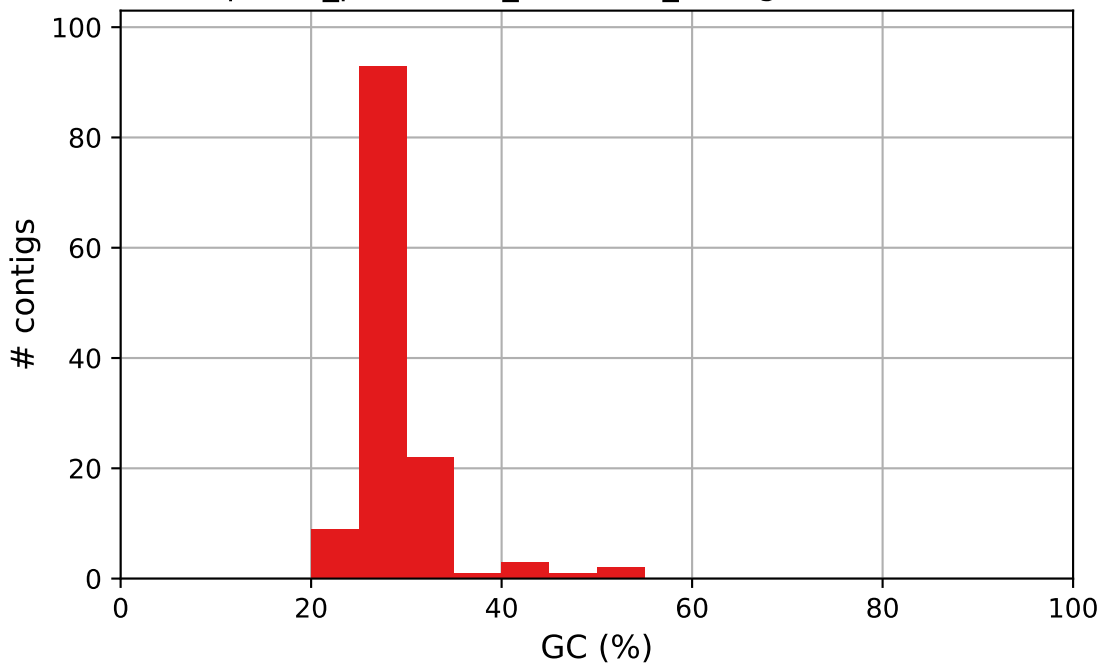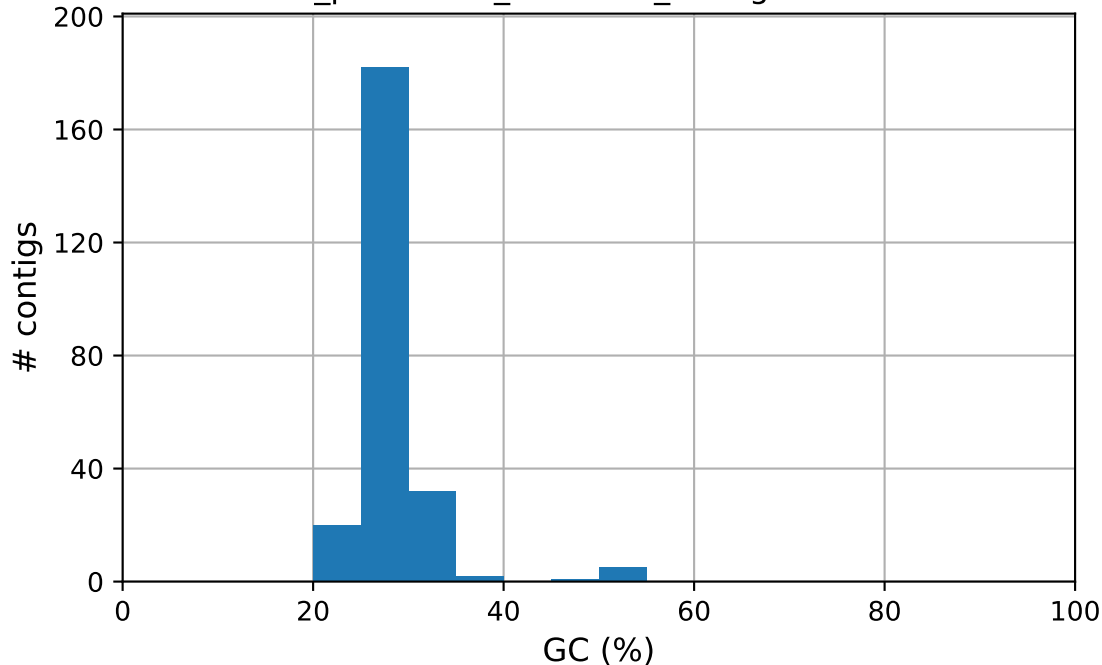
skesa_processed_B055059_contigs GC content
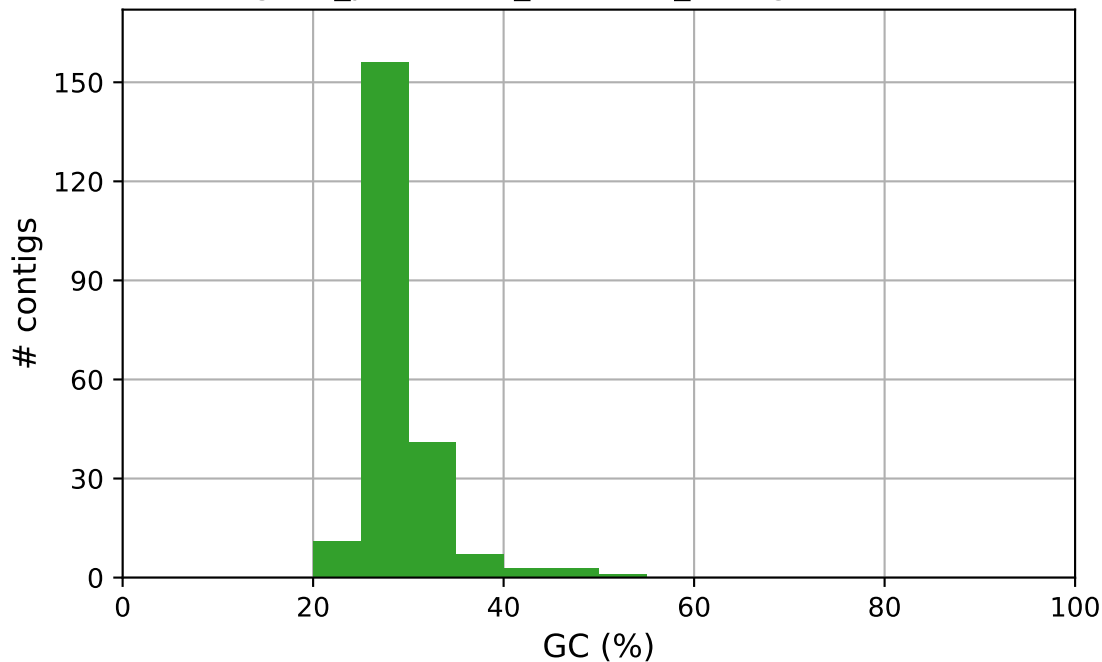
megahit_processed_B055059_contigs GC content