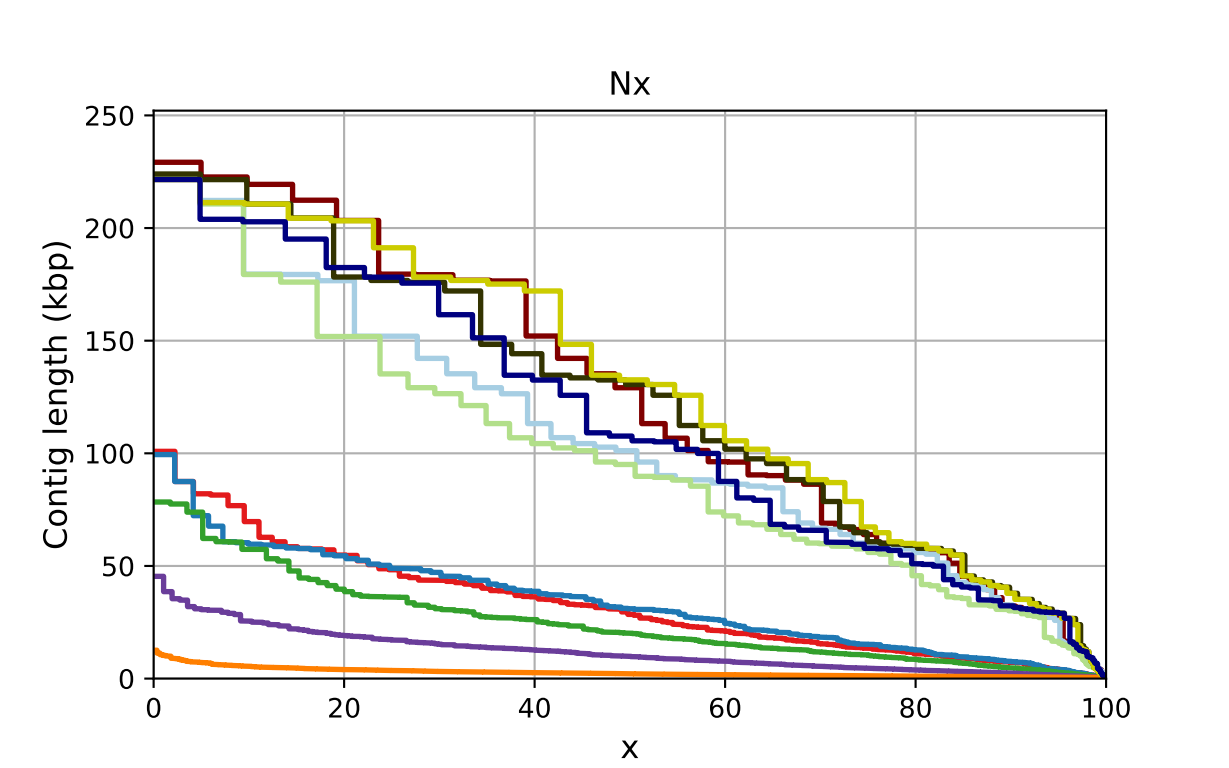
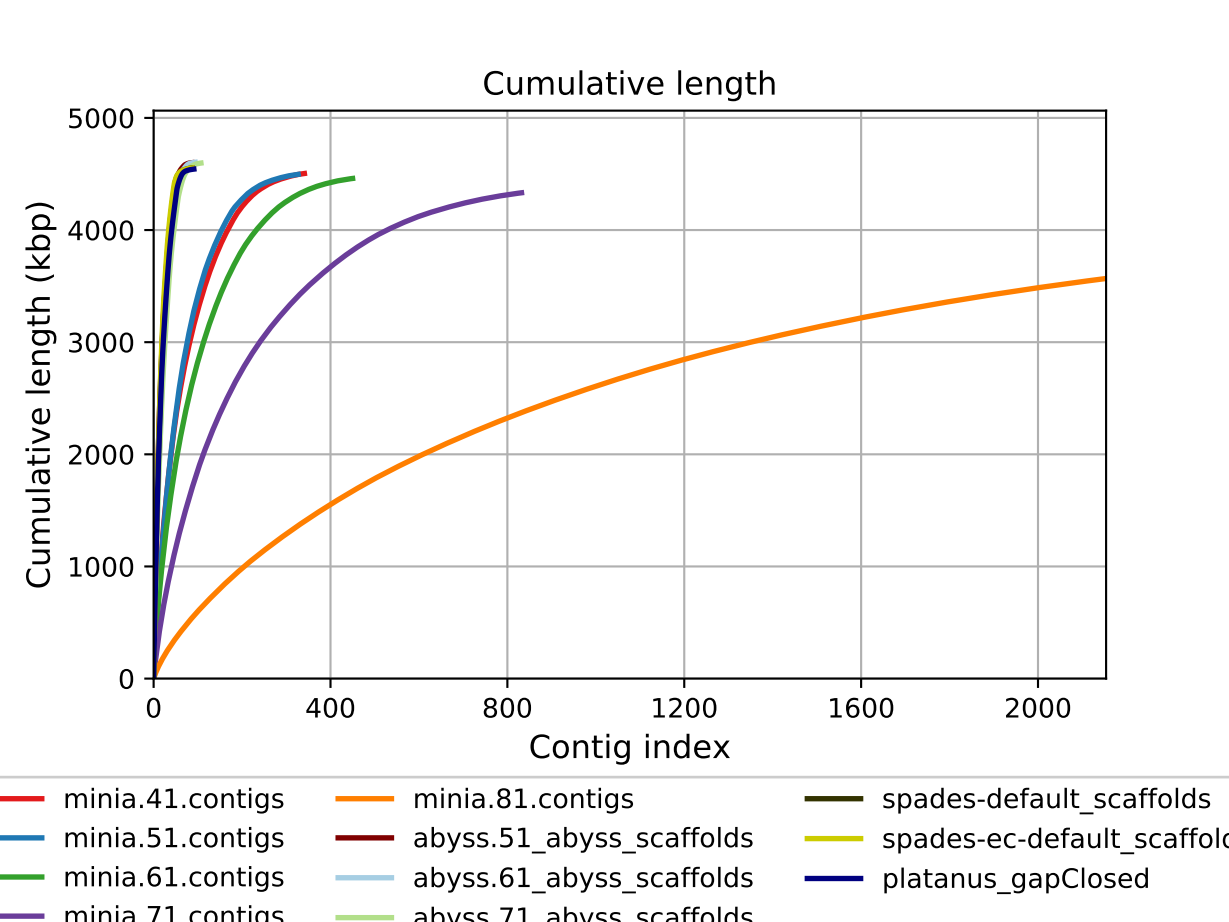
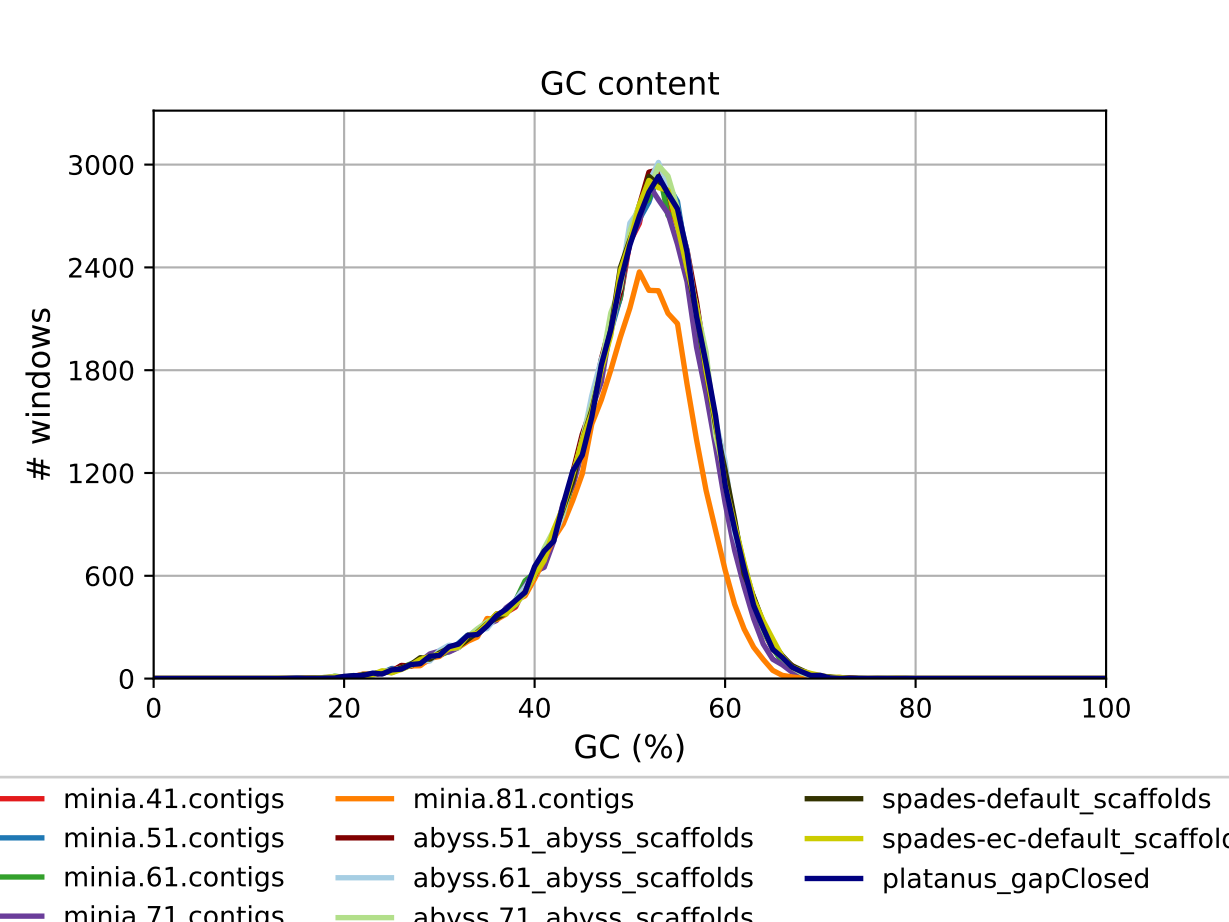
Report

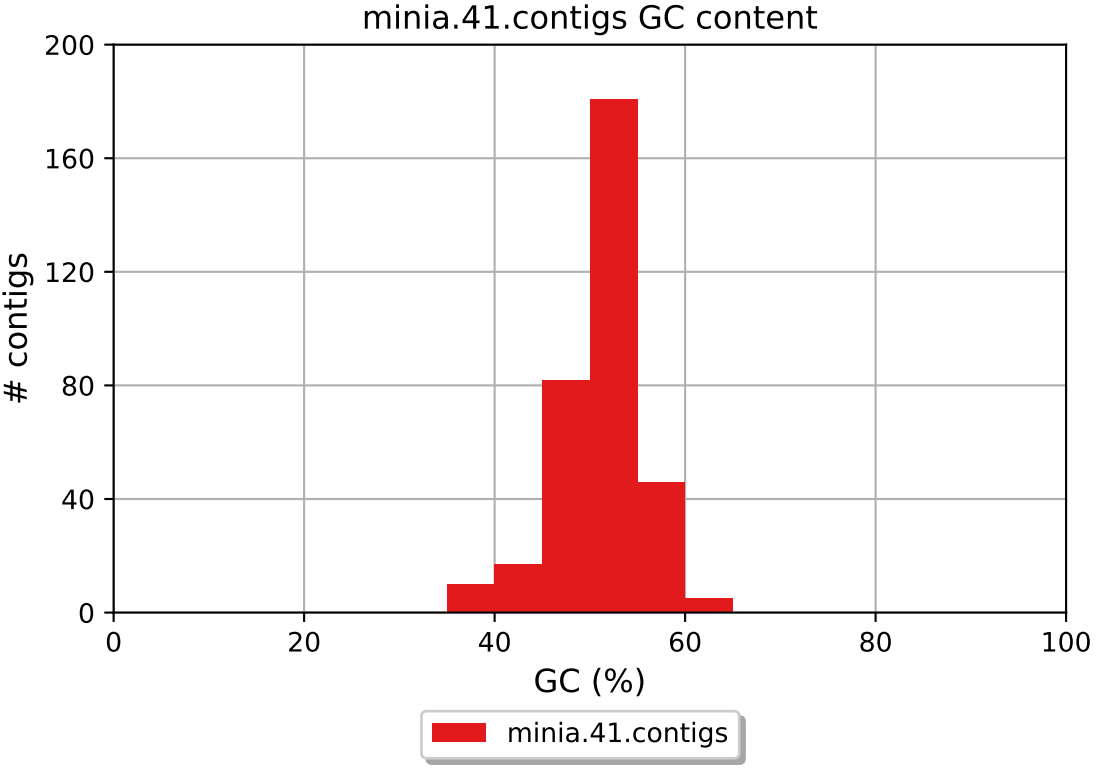
	minia.41.contigs	minia.51.contigs	minia.61.contigs	minia.71.contigs	minia.81.contigs	abyss.51_abyss_scaffolds	abyss.61_abyss_scaffolds	abyss.71_abyss_scaffolds	spades-default_scaffolds	spades-ec-default_scaffolds	platanus_gapClosed
# contigs (>= 0 bp)	888	724	931	1661	4767	167	165	181	139	141	123
# contigs (>= 1000 bp)	313	292	400	688	1297	79	84	96	78	77	79
# contigs (>= 5000 bp)	201	183	228	265	63	63	71	78	55	54	65
# contigs (>= 10000 bp)	136	130	146	125	5	55	61	68	52	51	59
# contigs (>= 25000 bp)	54	62	46	15	0	48	53	56	48	46	53
# contigs (>= 50000 bp)	16	18	10	0	0	33	37	37	33	31	34
Total length (>= 0 bp)	4564474	4558516	4553573	4521292	4273414	4611280	4615062	4610264	4561803	4561603	4550373
Total length (>= 1000 bp)	4484149	4471615	4424233	4226318	2947804	4595508	4597442	4588955	4548362	4547059	4535051
Total length (>= 5000 bp)	4214660	4201513	3979463	3133008	426729	4548675	4560497	4539272	4495473	4494344	4502467
Total length (>= 10000 bp)	3725696	3785967	3376138	2130989	54854	4490371	4490202	4473870	4471855	4470726	4452380
Total length (>= 25000 bp)	2430031	2695571	1821059	471421	0	4393603	4380950	4299316	4408285	4394517	4370575
Total length (>= 50000 bp)	1065158	1114791	633450	0	0	3894249	3839643	3660051	3878741	3864905	3717951
# contigs	341	327	450	832	2154	87	94	107	87	87	91
Largest contig	100874	99443	78382	45384	12586	229198	222915	222917	223984	221505	221520
Total length	4504164	4496680	4459996	4332234	3567933	4600961	4604405	4597213	4554040	4553282	4543359
GC (%)	50.68	50.65	50.58	50.37	49.48	50.71	50.70	50.69	50.73	50.73	50.68
N50	28488	30995	20114	9861	2117	129115	101160	95047	130539	132618	107647
N75	13473	15178	10528	4599	1249	63934	59897	55998	60768	67330	57816
L50	48	47	65	129	501	13	16	17	14	13	14
L75	107	98	143	290	1054	26	31	34	26	24	29
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	36.60	33.79	67.00	14.49	14.58	94.25

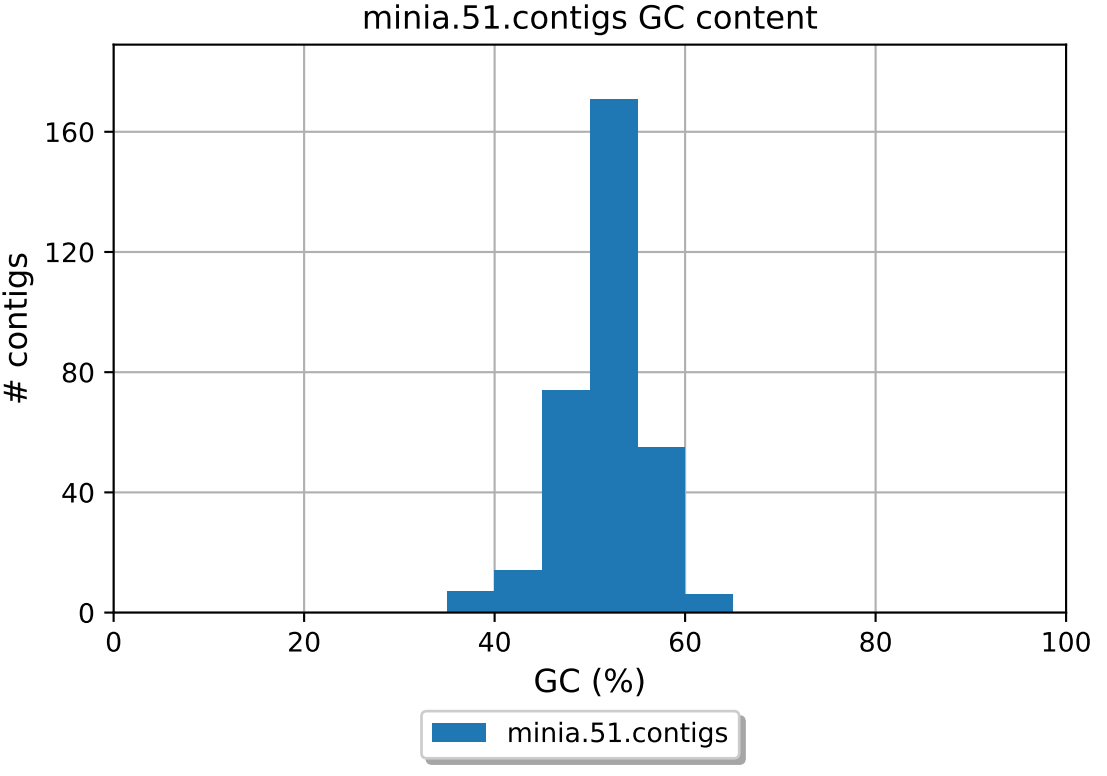
All statistics are based on contigs of size >= 500 bp, unless otherwise noted
(e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

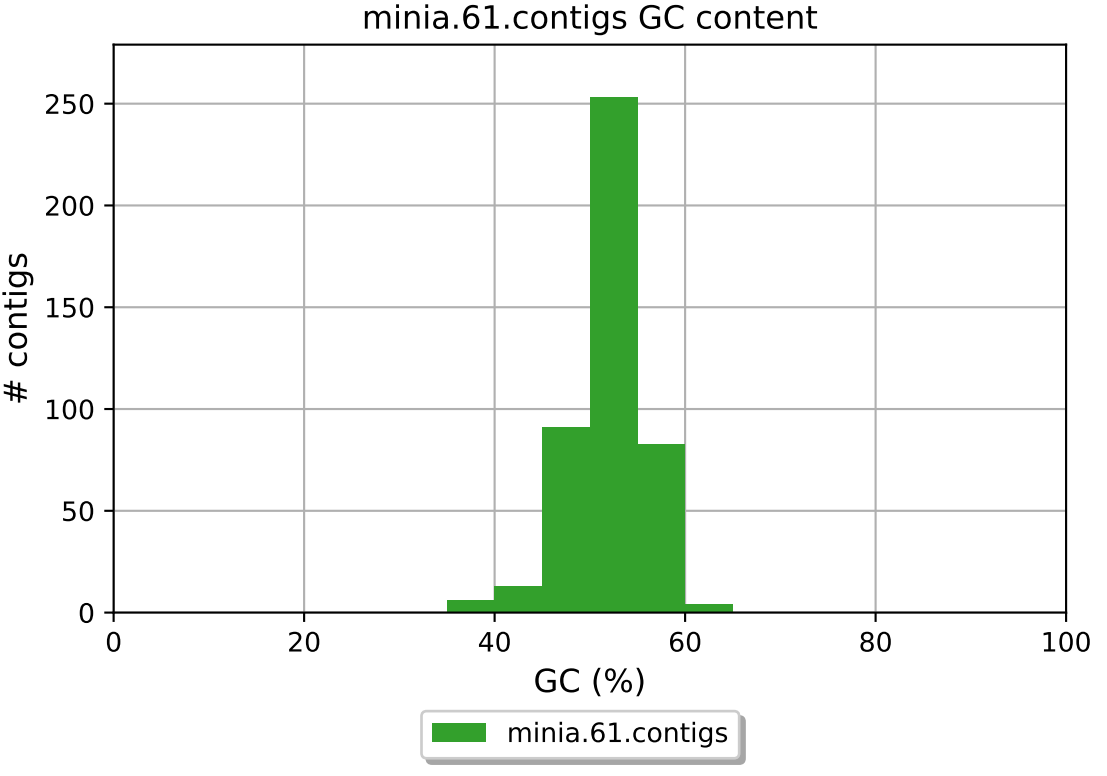

Nx
Contig length (kbp)
250
200
150
100
50
0
0
20
40
60
80
100
x
minia.41.contigs
minia.51.contigs
minia.61.contigs
minia.71.contigs
minia.81.contigs
abyss.51_abyss_scaffolds
abyss.61_abyss_scaffolds
abyss.71_abyss_scaffolds
spades-default_scaffolds
spades-ec-default_scaffold
platanus_gapClosed

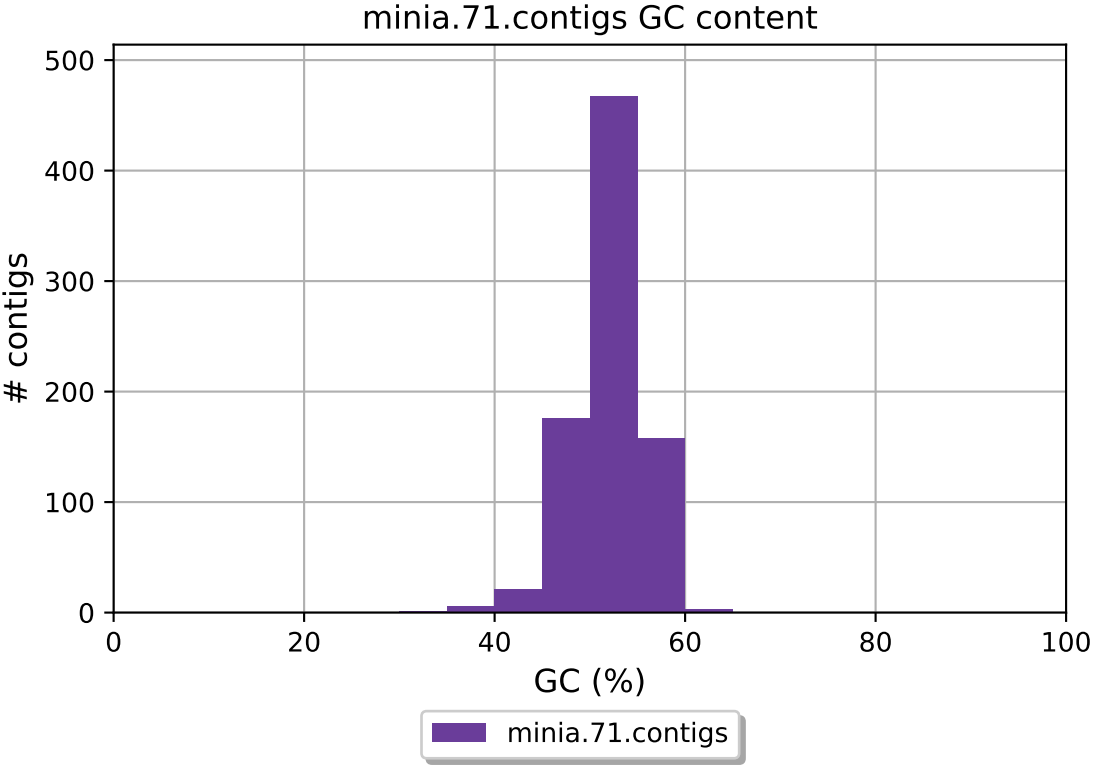

Cumulative length
Cumulative length (kbp)
Contig index
0
1000
2000
3000
4000
5000
0
400
800
1200
1600
2000
minia.41.contigs
minia.51.contigs
minia.61.contigs
minia.71.contigs
minia.81.contigs
abyss.51_abyss_scaffolds
abyss.61_abyss_scaffolds
abyss.71_abyss_scaffolds
spades-default_scaffolds
spades-ec-default_scaffold
platanus_gapClosed

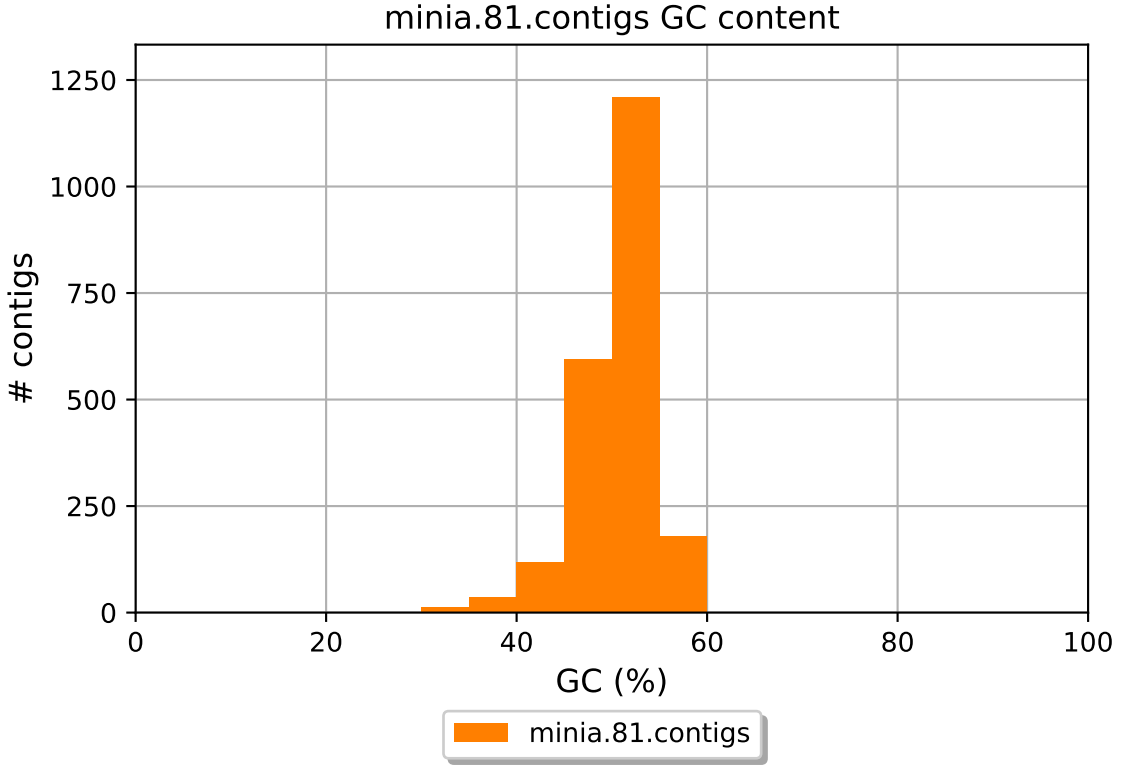

GC content
windows
GC (%)
0
600
1200
1800
2400
3000
0
20
40
60
80
100
minia.41.contigs
minia.51.contigs
minia.61.contigs
minia.71.contigs
minia.81.contigs
abyss.51_abyss_scaffolds
abyss.61_abyss_scaffolds
abyss.71_abyss_scaffolds
spades-default_scaffolds
spades-ec-default_scaffold
platanus_gapClosed

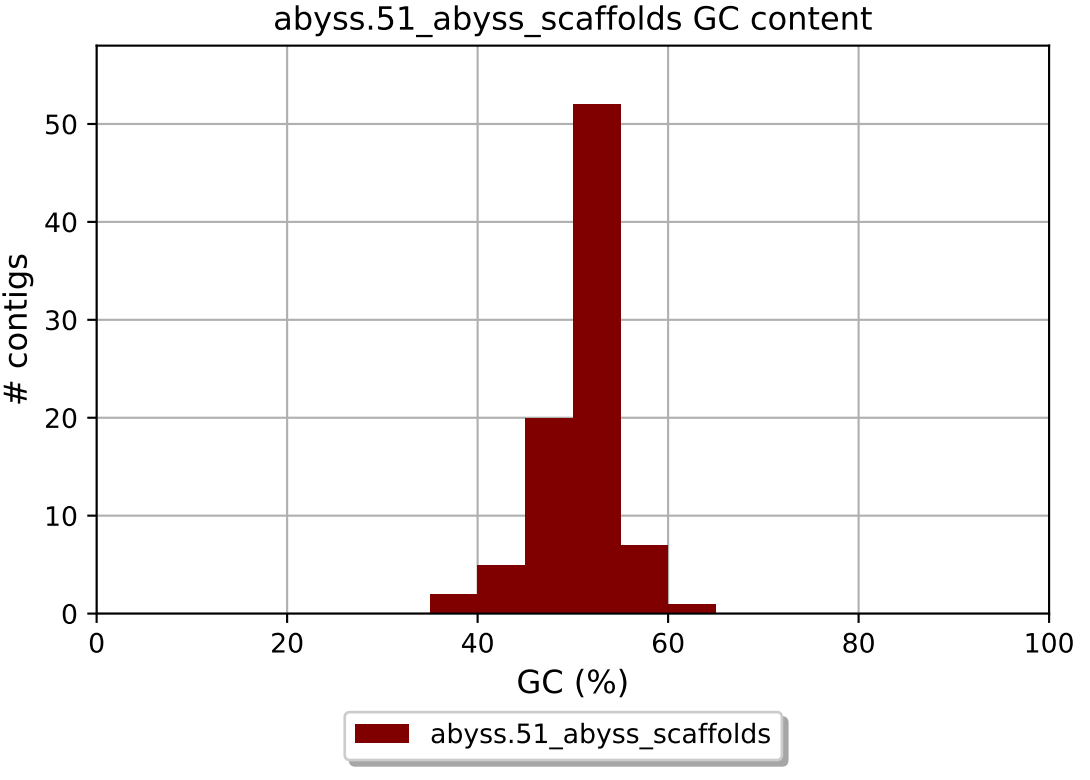

minia.41.contigs GC content
200
160
120
80
40
0
contigs
0
20
40
60
80
100
GC (%)
minia.41.contigs

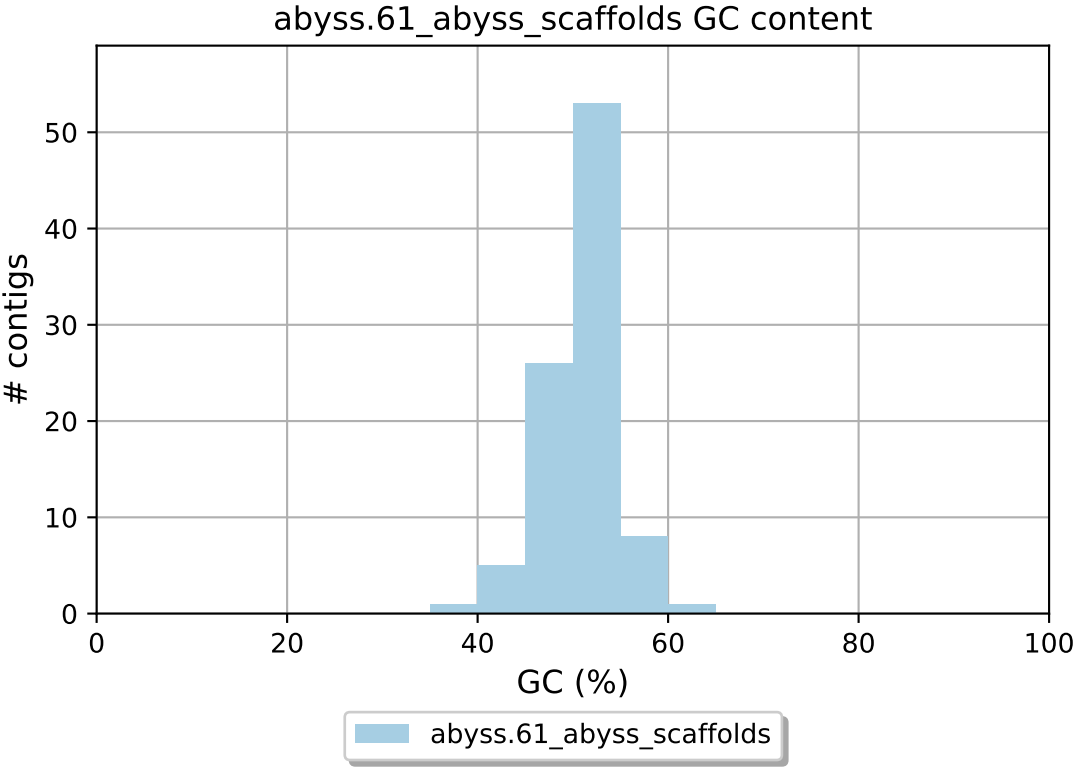

minia.51.contigs GC content
contigs
0
40
80
120
160
0
20
40
60
80
100
GC (%)
minia.51.contigs

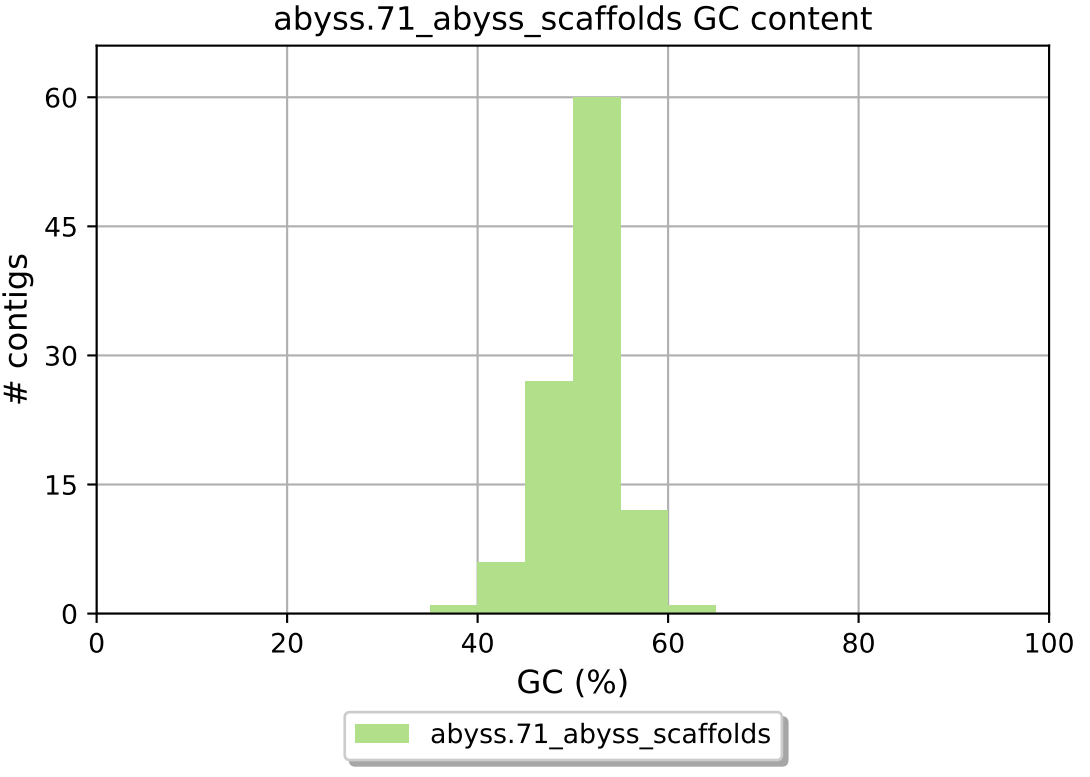

minia.61.contigs GC content
contigs
GC (%)
0
50
100
150
200
250
0
20
40
60
80
100
minia.61.contigs

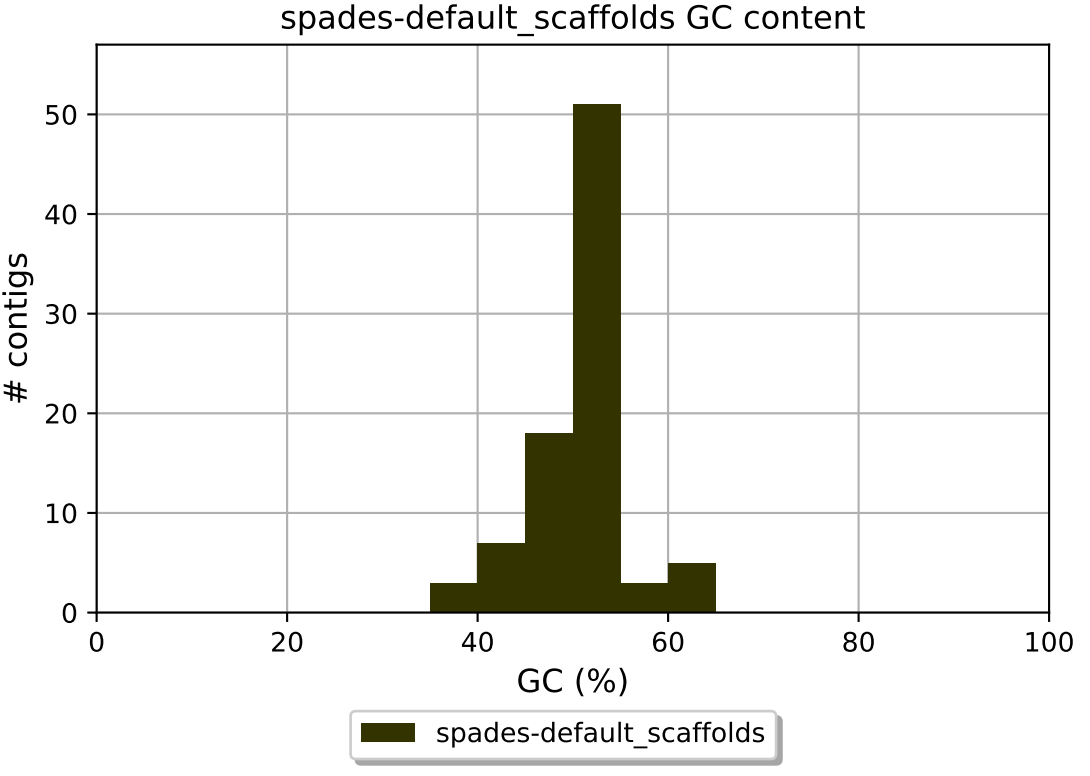

minia.71.contigs GC content
contigs
GC (%)
0
100
200
300
400
500
0
20
40
60
80
100
minia.71.contigs

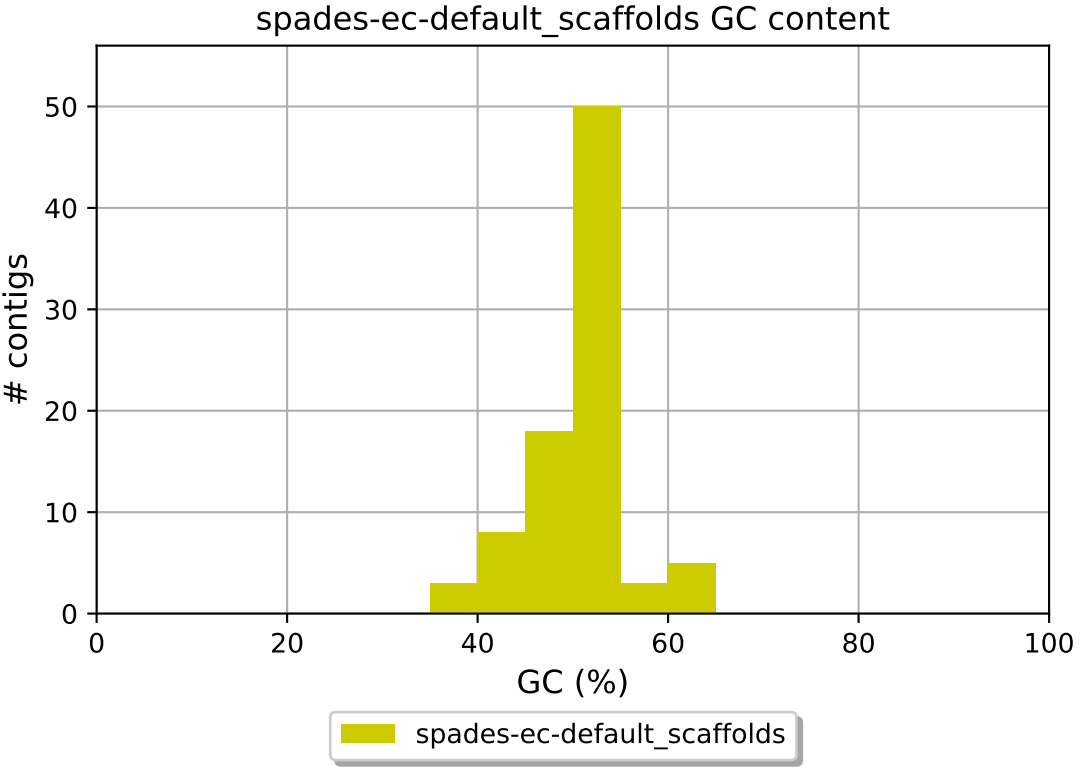

minia.81.contigs GC content
contigs
1250
1000
750
500
250
0
0
20
40
60
80
100
GC (%)
minia.81.contigs

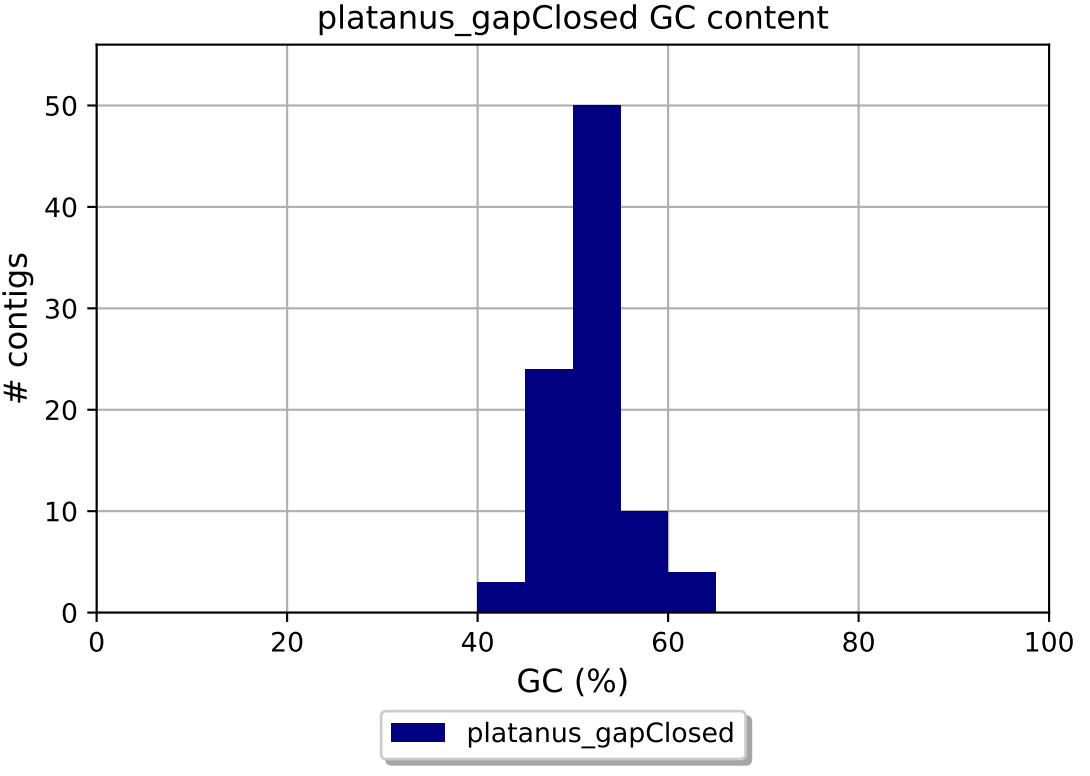

abyss.51_abyss_scaffolds GC content
contigs
0
10
20
30
40
50
0
20
40
60
80
100
GC (%)
abyss.51_abyss_scaffolds

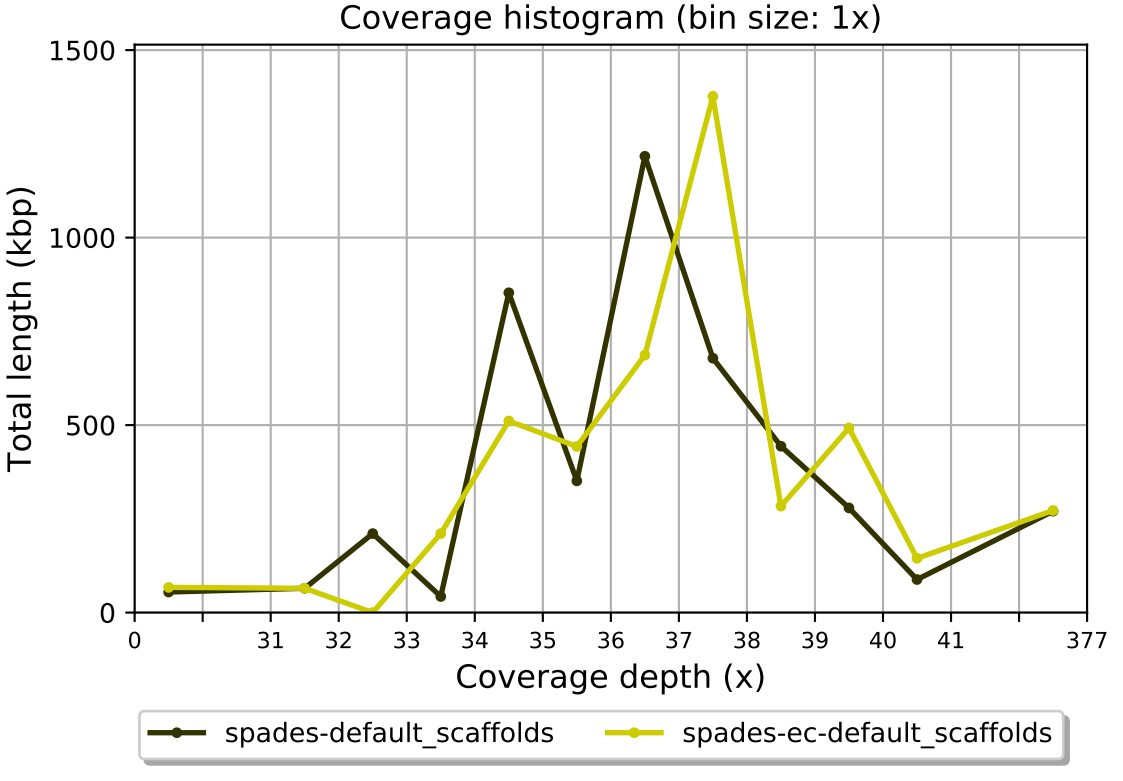

abyss.61_abyss_scaffolds GC content
contigs
0
10
20
30
40
50
0
20
40
60
80
100
GC (%)
abyss.61_abyss_scaffolds

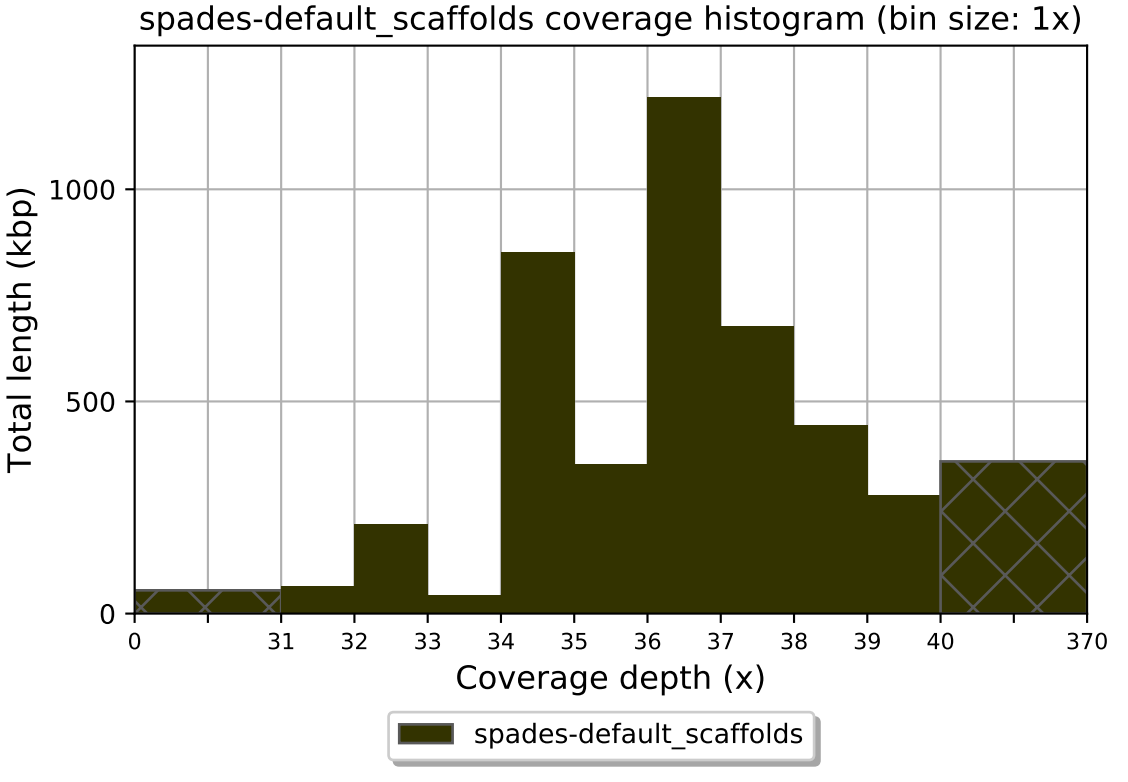

abyss.71_abyss_scaffolds GC content
contigs
0
15
30
45
60
0
20
40
60
80
100
GC (%)
abyss.71_abyss_scaffolds

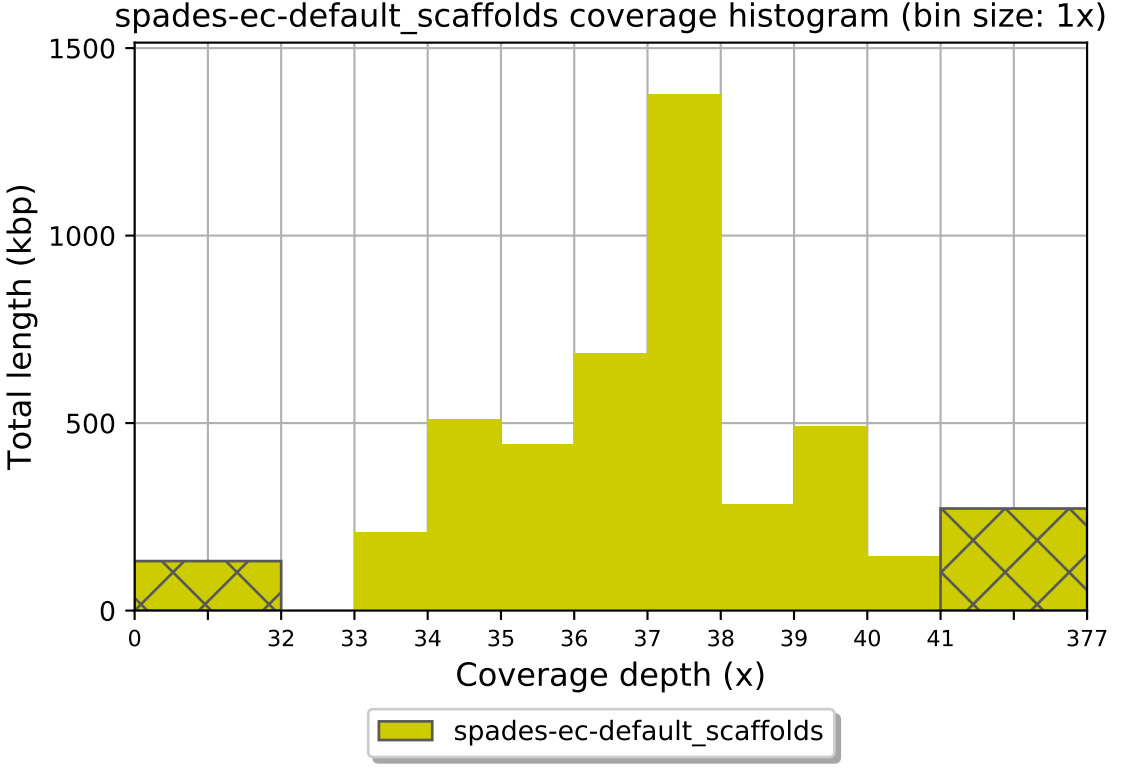

spades-default_scaffolds GC content
contigs
0
10
20
30
40
50
0
20
40
60
80
100
GC (%)
spades-default_scaffolds


spades-ec-default_scaffolds GC content
contigs
0
10
20
30
40
50
0
20
40
60
80
100
GC (%)
spades-ec-default_scaffolds


platanus_gapClosed GC content
contigs
GC (%)
0
10
20
30
40
50
0
20
40
60
80
100
platanus_gapClosed


Coverage histogram (bin size: 1x)
Total length (kbp)
1500
1000
500
0
0
31
32
33
34
35
36
37
38
39
40
41
377
Coverage depth (x)
spades-default_scaffolds
spades-ec-default_scaffolds


spades-default_scaffolds coverage histogram (bin size: 1x)
Total length (kbp)
1000
500
0
0
31
32
33
34
35
36
37
38
39
40
370
Coverage depth (x)
spades-default_scaffolds


spades-ec-default_scaffolds coverage histogram (bin size: 1x)
Total length (kbp)
1500
1000
500
0
0
32
33
34
35
36
37
38
39
40
41
377
Coverage depth (x)
spades-ec-default_scaffolds