Report

	25_S1.contigs	26_S9.contigs	28_S25.contigs	29_S33.contigs	31_S41.contigs	32_S49.contigs	33_S57.contigs	34_S65.contigs	35_S73.contigs	36_S81.contigs
# contigs (>= 0 bp)	30259	1439	1414	29	89	6	420	8	173	30
# contigs (>= 1000 bp)	30259	1439	1414	29	89	6	420	8	173	30
# contigs (>= 5000 bp)	1389	25	17	0	0	0	17	0	0	1
# contigs (>= 10000 bp)	307	4	1	0	0	0	2	0	0	0
# contigs (>= 25000 bp)	41	0	0	0	0	0	1	0	0	0
# contigs (>= 50000 bp)	15	0	0	0	0	0	0	0	0	0
Total length (>= 0 bp)	63804937	2467903	2007059	39090	108944	8317	880181	10981	222284	46637
Total length (>= 1000 bp)	63804937	2467903	2007059	39090	108944	8317	880181	10981	222284	46637
Total length (>= 5000 bp)	14055851	177384	126506	0	0	0	166740	0	0	6055
Total length (>= 10000 bp)	6828338	52043	11492	0	0	0	58033	0	0	0
Total length (>= 25000 bp)	3082197	0	0	0	0	0	46754	0	0	0
Total length (>= 50000 bp)	2171358	0	0	0	0	0	0	0	0	0
# contigs	30259	1439	1414	29	89	6	420	8	173	30
Largest contig	368452	20290	11492	2433	2919	2392	46754	2436	3213	6055
Total length	63804937	2467903	2007059	39090	108944	8317	880181	10981	222284	46637
GC (%)	53.44	46.59	50.75	43.36	42.34	55.51	36.98	49.06	51.97	45.83
N50	2180	1694	1290	1255	1155	1164	2219	1279	1210	1436
N75	1390	1260	1102	1060	1051	1098	1379	1156	1079	1231
L50	7205	461	509	12	38	3	105	4	71	11
L75	16557	887	933	20	63	4	231	6	120	20
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	37_S89.contigs	38_S2.contigs	39_S10.contigs	40_S18.contigs	41_S26.contigs	42_S34.contigs	43_S42.contigs	44_S50.contigs	45_S58.contigs	46_S66.contigs
# contigs (>= 0 bp)	2063	3221	12363	6855	1704	3	22340	6	855	21300
# contigs (>= 1000 bp)	2063	3221	12363	6855	1704	3	22340	6	855	21300
# contigs (>= 5000 bp)	27	47	439	211	19	1	1049	1	9	1033
# contigs (>= 10000 bp)	3	6	73	45	3	0	337	0	0	196
# contigs (>= 25000 bp)	1	1	2	2	0	0	90	0	0	10
# contigs (>= 50000 bp)	0	0	1	0	0	0	23	0	0	2
Total length (>= 0 bp)	3161279	5522161	22179520	11892720	2882670	9971	46149989	13979	1242845	42719822
Total length (>= 1000 bp)	3161279	5522161	22179520	11892720	2882670	9971	46149989	13979	1242845	42719822
Total length (>= 5000 bp)	211262	351626	3437270	1738940	139546	5913	12135745	6055	57181	8475132
Total length (>= 10000 bp)	55893	95734	1014574	647120	34488	0	7361510	0	0	2877042
Total length (>= 25000 bp)	29097	31010	80710	55100	0	0	3795345	0	0	363667
Total length (>= 50000 bp)	0	0	53746	0	0	0	1565179	0	0	108483
# contigs	2063	3221	12363	6855	1704	3	22340	6	855	21300
Largest contig	29097	31010	53746	29136	12468	5913	112203	6055	8187	54683
Total length	3161279	5522161	22179520	11892720	2882670	9971	46149989	13979	1242845	42719822
GC (%)	43.37	60.06	45.35	41.86	63.84	56.79	45.04	53.26	50.44	54.52
N50	1413	1696	1726	1627	1699	5913	2039	2425	1337	2051
N75	1149	1282	1224	1212	1236	2460	1303	1512	1127	1343
L50	696	1056	3394	1979	552	1	4784	2	306	5403
L75	1322	1993	7299	4134	1052	2	12102	4	562	11964
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

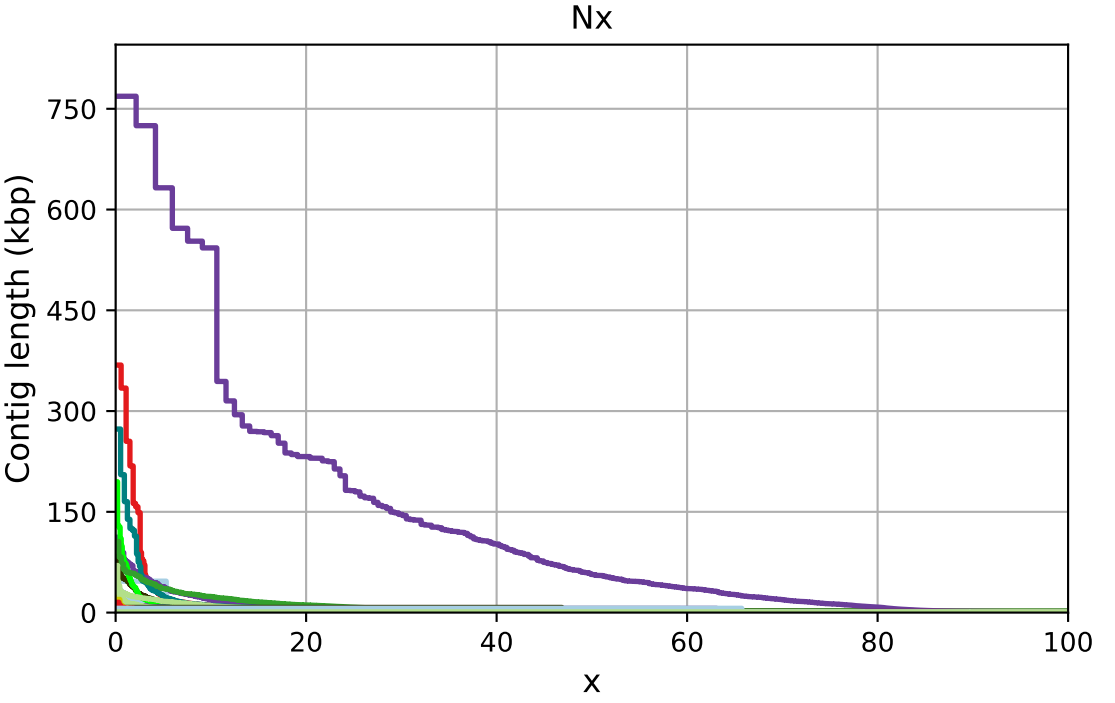
	48_S74.contigs	49_S82.contigs	50_S90.contigs	51_S3.contigs	52_S11.contigs	53_S19.contigs	55_S35.contigs	56_S43.contigs	57_S51.contigs	58_S59.contigs	60_S75.contigs
# contigs (>= 0 bp)	845	28801	12855	3	25531	49866	135	63	5	415	2548
# contigs (>= 1000 bp)	845	28801	12855	3	25531	49866	135	63	5	415	2548
# contigs (>= 5000 bp)	4	1231	67	0	1194	1509	1	1	0	9	8
# contigs (>= 10000 bp)	0	278	10	0	262	292	0	0	0	2	1
# contigs (>= 25000 bp)	0	44	1	0	45	42	0	0	0	0	0
# contigs (>= 50000 bp)	0	9	0	0	11	17	0	0	0	0	0
Total length (>= 0 bp)	1193785	58505659	17467086	5476	52098246	95658513	207347	91982	5870	653742	3386496
Total length (>= 1000 bp)	1193785	58505659	17467086	5476	52098246	95658513	207347	91982	5870	653742	3386496
Total length (>= 5000 bp)	27130	11303907	501842	0	11833362	13866663	5087	5756	0	68021	56774
Total length (>= 10000 bp)	0	5049344	148224	0	5602214	5811334	0	0	0	21501	12697
Total length (>= 25000 bp)	0	1763187	28023	0	2598909	2360010	0	0	0	0	0
Total length (>= 50000 bp)	0	559716	0	0	1431831	1461410	0	0	0	0	0
# contigs	845	28801	12855	3	25531	49866	135	63	5	415	2548
Largest contig	8018	83801	28023	2554	273233	194751	5087	5756	1565	11335	12697
Total length	1193785	58505659	17467086	5476	52098246	95658513	207347	91982	5870	653742	3386496
GC (%)	40.41	55.96	36.58	61.16	48.10	50.82	35.57	41.47	50.48	45.20	55.96
N50	1311	2091	1261	1598	2090	1920	1504	1323	1097	1443	1271
N75	1117	1361	1103	1598	1322	1336	1180	1133	1040	1142	1112
L50	315	7246	4961	2	5962	13867	48	23	3	134	1027
L75	563	16102	8685	2	14032	28995	88	42	4	263	1742
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

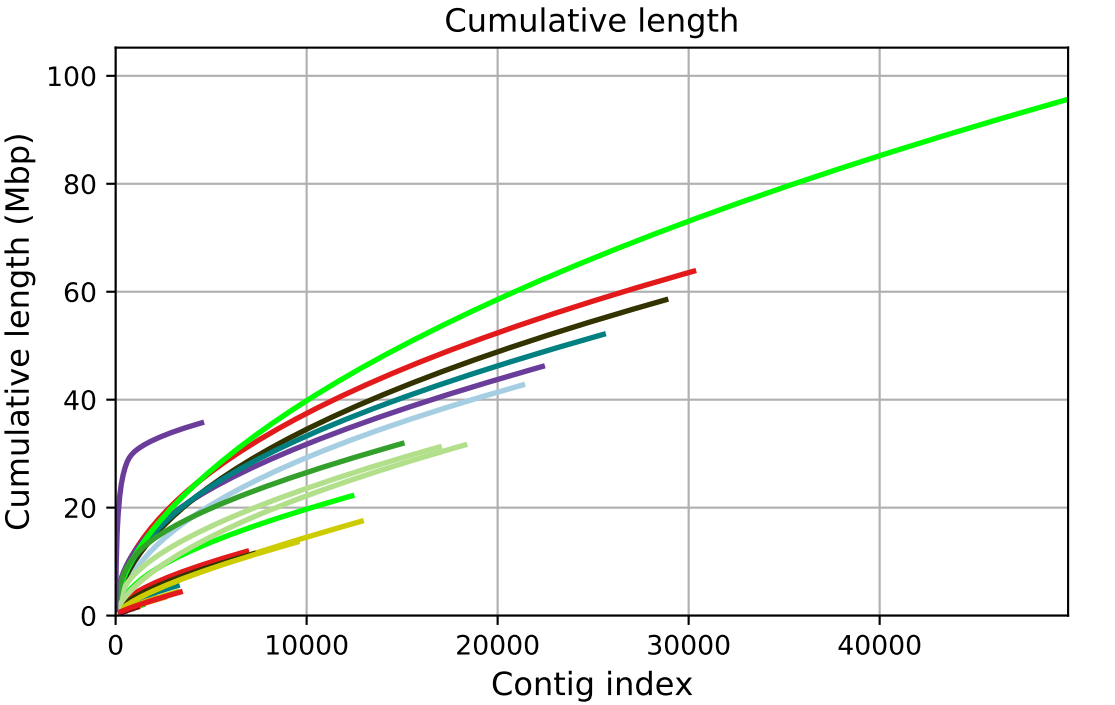
	61_S83.contigs	62_S91.contigs	63_S4.contigs	64_S12.contigs	65_S20.contigs	68_S44.contigs	69_S52.contigs	70_S60.contigs	71_S68.contigs	72_S76.contigs	73_S84.contigs
# contigs (>= 0 bp)	58	834	16939	7221	9487	2	83	1339	21	471	14989
# contigs (>= 1000 bp)	58	834	16939	7221	9487	2	83	1339	21	471	14989
# contigs (>= 5000 bp)	1	6	603	135	36	0	3	9	0	10	805
# contigs (>= 10000 bp)	0	1	194	9	4	0	0	0	0	2	352
# contigs (>= 25000 bp)	0	0	15	0	0	0	0	0	0	0	77
# contigs (>= 50000 bp)	0	0	0	0	0	0	0	0	0	0	13
Total length (>= 0 bp)	82117	1166643	31226468	11465314	13606386	2926	143628	1963933	27551	749116	31866164
Total length (>= 1000 bp)	82117	1166643	31226468	11465314	13606386	2926	143628	1963933	27551	749116	31866164
Total length (>= 5000 bp)	5273	42722	6009624	928328	267434	0	18110	54714	0	69442	10152771
Total length (>= 10000 bp)	0	14066	3213292	104909	55667	0	0	0	0	20791	7039670
Total length (>= 25000 bp)	0	0	476295	0	0	0	0	0	0	0	2957701
Total length (>= 50000 bp)	0	0	0	0	0	0	0	0	0	0	841287
# contigs	58	834	16939	7221	9487	2	83	1339	21	471	14989
Largest contig	5273	14066	49317	12672	15558	1467	7380	8170	2415	10516	105837
Total length	82117	1166643	31226468	11465314	13606386	2926	143628	1963933	27551	749116	31866164
GC (%)	38.86	41.88	50.45	43.58	50.99	62.27	43.09	40.58	43.57	47.87	48.29
N50	1386	1280	1735	1480	1350	1467	1707	1386	1332	1479	2079
N75	1109	1109	1240	1172	1127	1459	1190	1154	1087	1134	1284
L50	22	311	4449	2357	3484	1	26	489	9	146	2754
L75	39	557	9880	4559	6269	2	51	880	15	294	7856
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

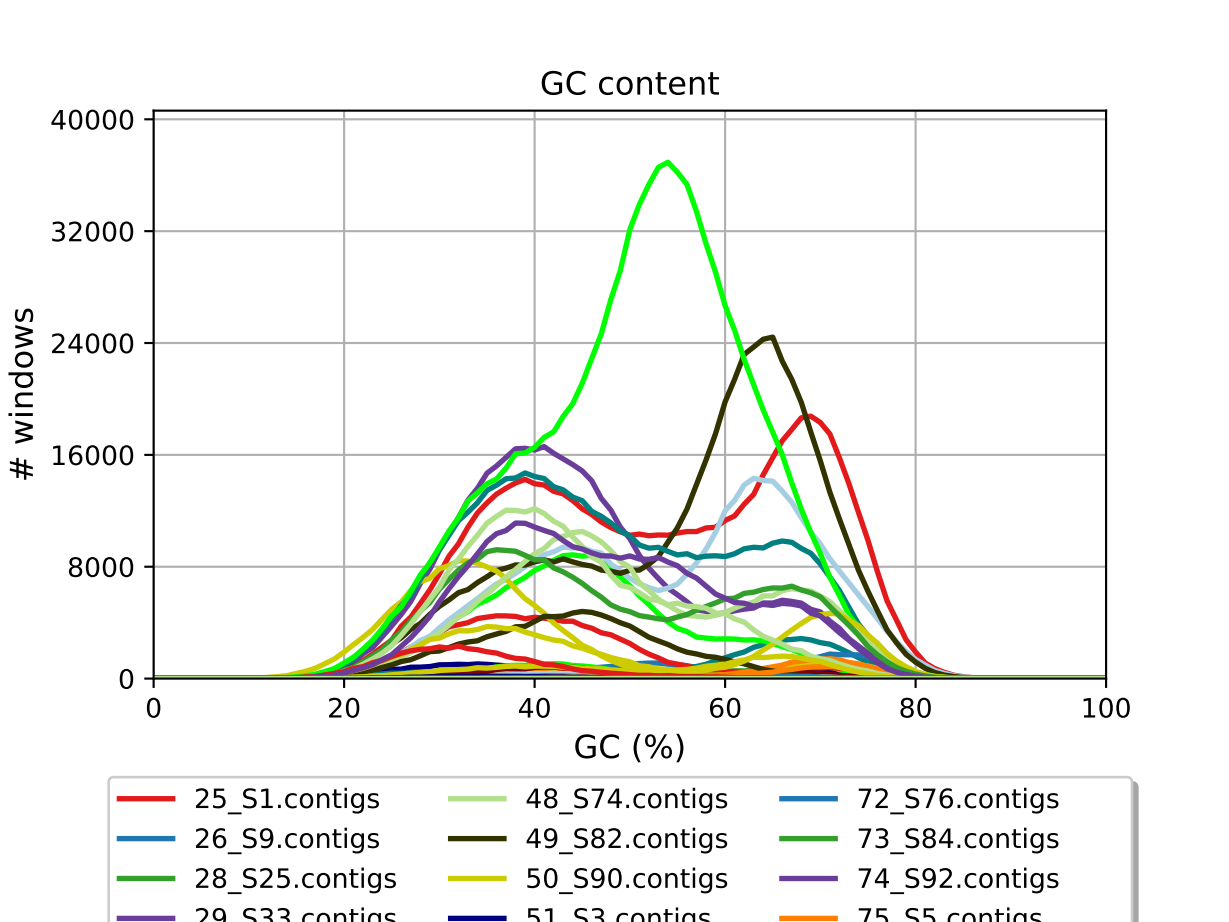
	74_S92.contigs	75_S5.contigs	77_S21.contigs	78_S29.contigs	79_S37.contigs	80_S45.contigs	81_S53.contigs	82_S61.contigs
# contigs (>= 0 bp)	4	1187	1120	11	18275	7	3195	226
# contigs (>= 1000 bp)	4	1187	1120	11	18275	7	3195	226
# contigs (>= 5000 bp)	1	7	3	1	341	1	17	2
# contigs (>= 10000 bp)	0	1	0	0	56	0	2	0
# contigs (>= 25000 bp)	0	0	0	0	4	0	0	0
# contigs (>= 50000 bp)	0	0	0	0	1	0	0	0
Total length (>= 0 bp)	9873	1714885	1557676	19196	31597460	16285	4377329	335011
Total length (>= 1000 bp)	9873	1714885	1557676	19196	31597460	16285	4377329	335011
Total length (>= 5000 bp)	6230	51371	15706	6627	2705263	7630	121170	10628
Total length (>= 10000 bp)	0	12280	0	0	875261	0	30244	0
Total length (>= 25000 bp)	0	0	0	0	156992	0	0	0
Total length (>= 50000 bp)	0	0	0	0	70072	0	0	0
# contigs	4	1187	1120	11	18275	7	3195	226
Largest contig	6230	12280	5674	6627	70072	7630	19563	5617
Total length	9873	1714885	1557676	19196	31597460	16285	4377329	335011
GC (%)	52.15	59.02	41.17	49.06	43.93	53.29	52.98	36.69
N50	6230	1367	1337	1468	1698	2425	1264	1366
N75	1427	1137	1134	1103	1251	1347	1098	1167
L50	1	439	436	3	5672	2	1215	82
L75	2	784	754	7	11169	4	2148	149
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

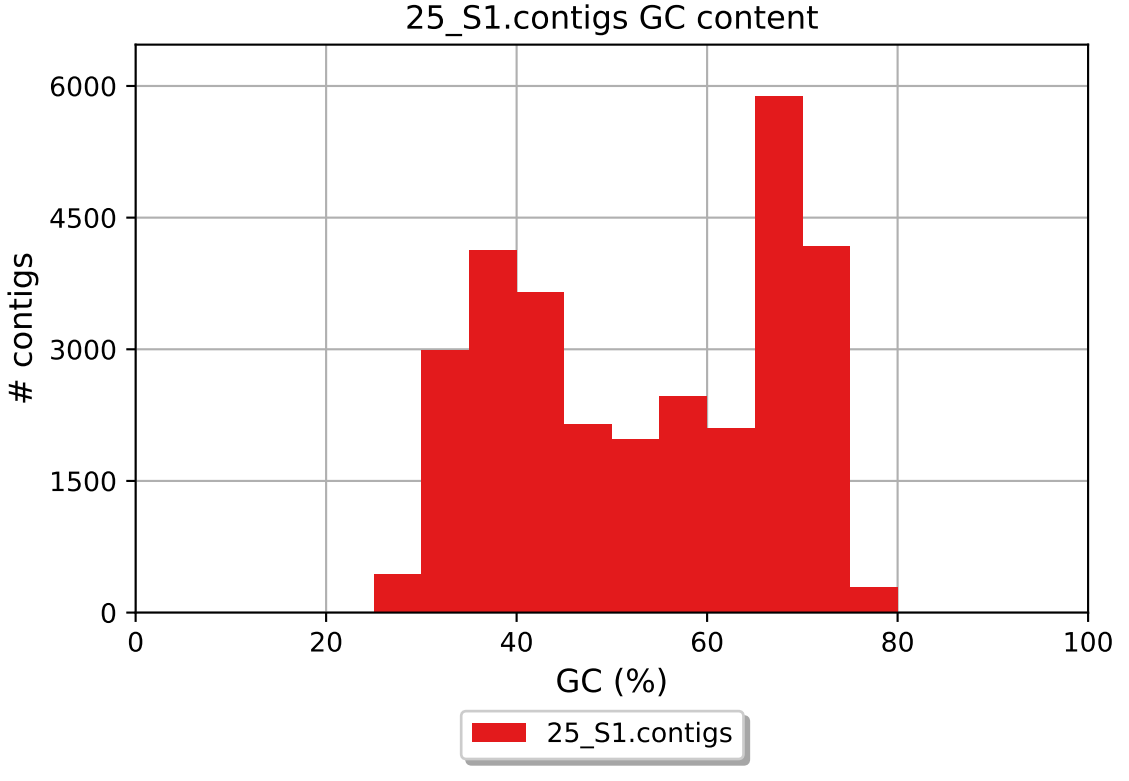
	85_S69.contigs	86_S77.contigs	87_S85.contigs	88_S93.contigs	89_S6.contigs	NuPos_S94.contigs	PBSb_S30.contigs	SKB_S22.contigs	SWABb_S38.contigs	VKB_S14.contigs
# contigs (>= 0 bp)	25	11	3379	2	1	4497	2	2	4	1
# contigs (>= 1000 bp)	25	11	3379	2	1	4497	2	2	4	1
# contigs (>= 5000 bp)	0	0	19	0	0	753	0	0	1	0
# contigs (>= 10000 bp)	0	0	2	0	0	533	0	0	0	0
# contigs (>= 25000 bp)	0	0	0	0	0	260	0	0	0	0
# contigs (>= 50000 bp)	0	0	0	0	0	133	0	0	0	0
Total length (>= 0 bp)	39574	14209	4353359	2962	2344	35699730	2844	3976	9662	1010
Total length (>= 1000 bp)	39574	14209	4353359	2962	2344	35699730	2844	3976	9662	1010
Total length (>= 5000 bp)	0	0	129305	0	0	29443831	0	0	6352	0
Total length (>= 10000 bp)	0	0	25364	0	0	27827606	0	0	0	0
Total length (>= 25000 bp)	0	0	0	0	0	23457445	0	0	0	0
Total length (>= 50000 bp)	0	0	0	0	0	18835383	0	0	0	0
# contigs	25	11	3379	2	1	4497	2	2	4	1
Largest contig	3638	2350	15270	1654	2344	768632	1460	2428	6352	1010
Total length	39574	14209	4353359	2962	2344	35699730	2844	3976	9662	1010
GC (%)	42.09	40.77	33.42	52.19	62.20	47.81	62.03	62.15	48.48	39.01
N50	1599	1134	1192	1654	2344	56852	1460	2428	6352	1010
N75	1165	1042	1077	1308	2344	13153	1384	1548	1233	1010
L50	9	5	1362	1	1	115	1	1	1	1
L75	16	8	2328	2	1	443	2	2	2	1
# N's per 100 kbp	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

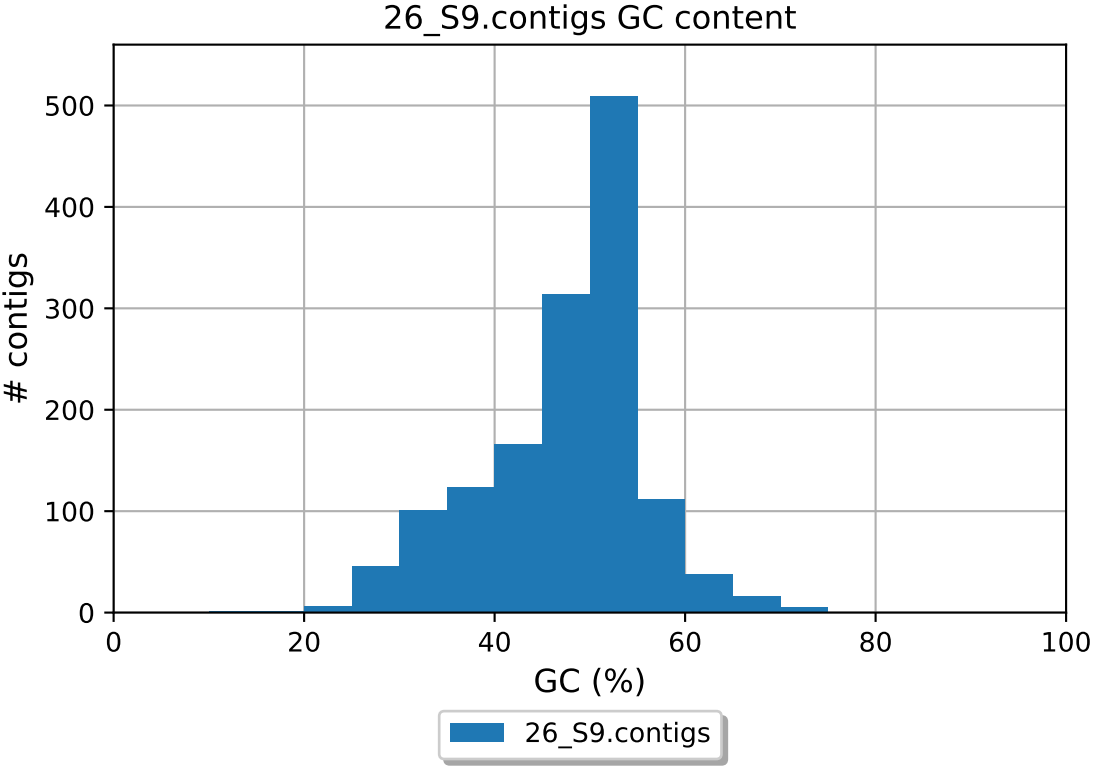
All statistics are based on contigs of size >= 500 bp, unless otherwise noted
(e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

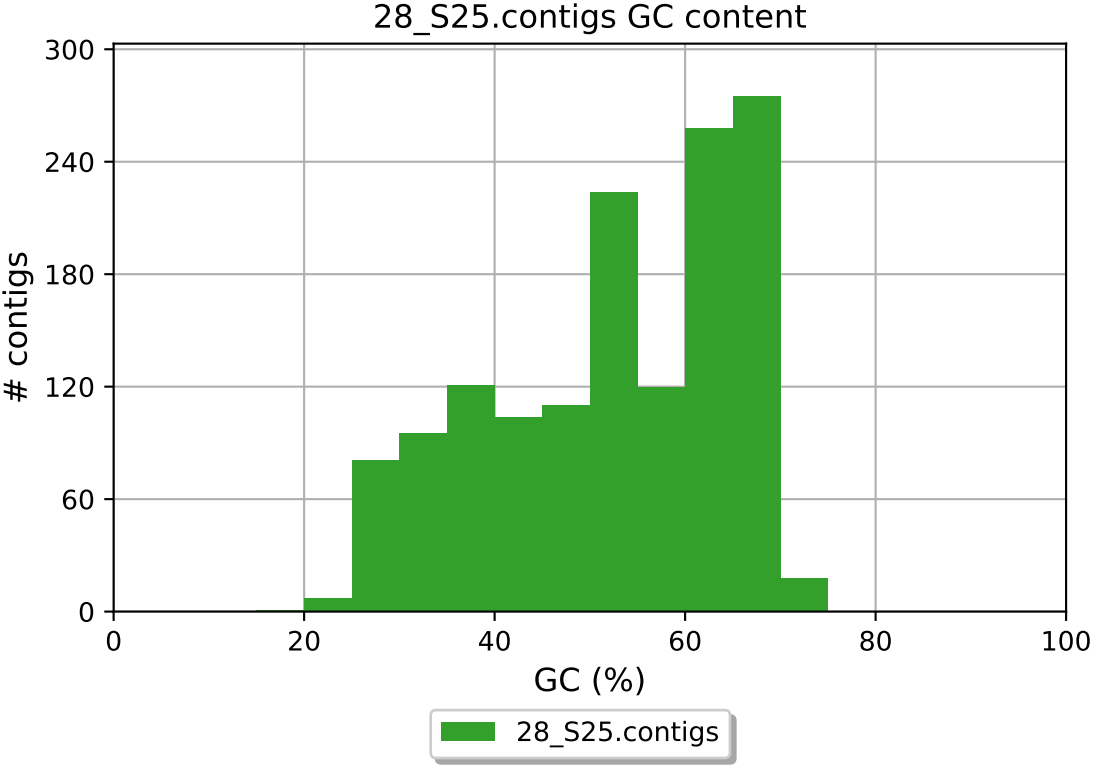

Nx
Contig length (kbp)
750
600
450
300
150
0
0
20
40
60
80
100
x
25_S1.contigs
26_S9.contigs
28_S25.contigs
29_S33.contigs
48_S74.contigs
49_S82.contigs
50_S90.contigs
51_S3.contigs
72_S76.contigs
73_S84.contigs
74_S92.contigs
75_S5.contigs

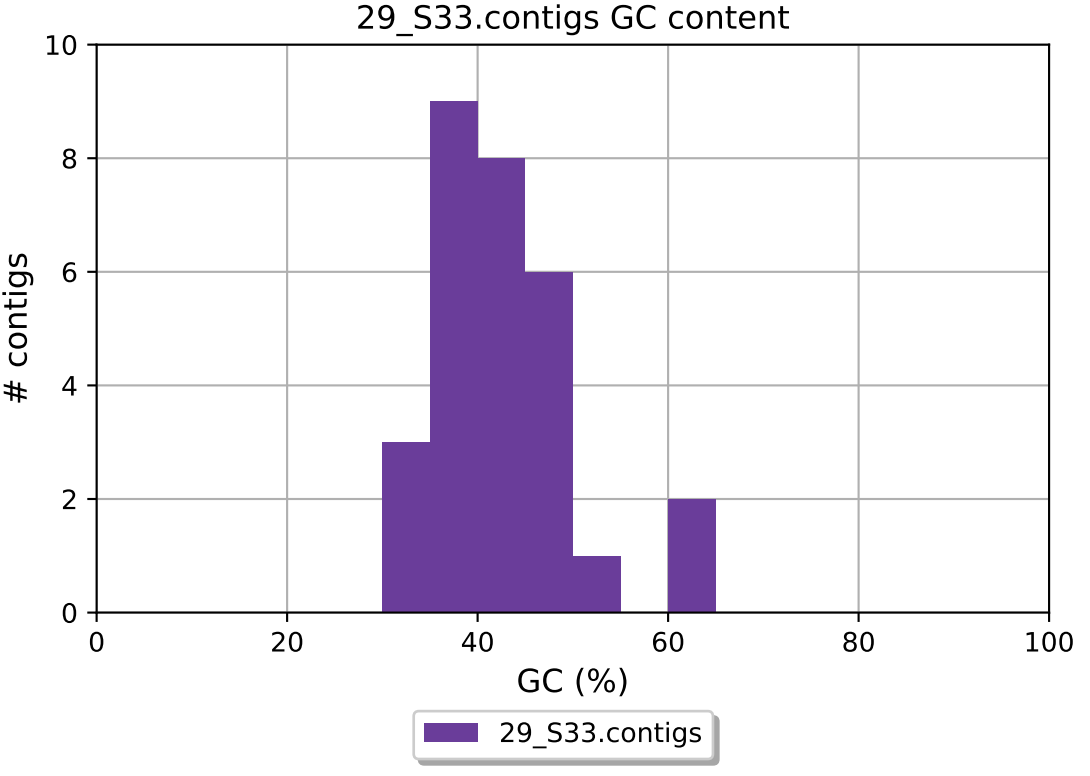

Cumulative length
Cumulative length (Mbp)
100
80
60
40
20
0
0
10000
20000
30000
40000
Contig index
25_S1.contigs
26_S9.contigs
28_S25.contigs
29_S33.contigs
48_S74.contigs
49_S82.contigs
50_S90.contigs
51_S3.contigs
72_S76.contigs
73_S84.contigs
74_S92.contigs
75_S5.contigs

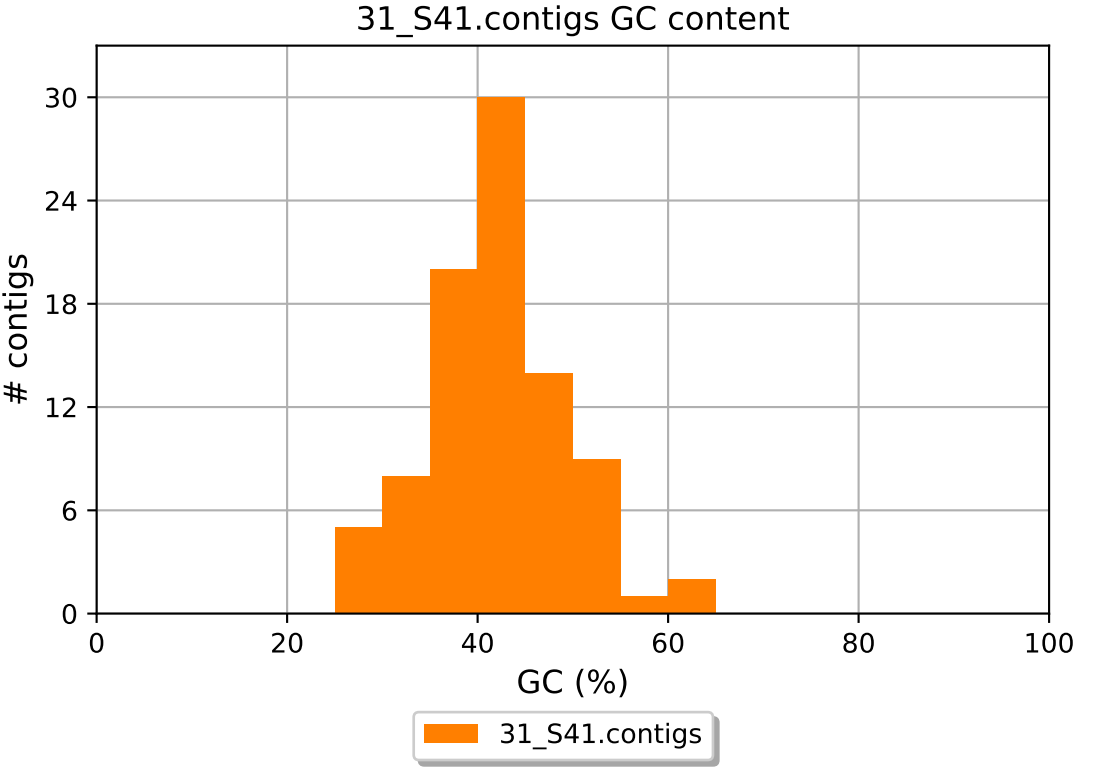

GC content
40000
32000
24000
16000
8000
0
windows
0
20
40
60
80
100
GC (%)
25_S1.contigs
26_S9.contigs
28_S25.contigs
29_S33.contigs
48_S74.contigs
49_S82.contigs
50_S90.contigs
51_S3.contigs
72_S76.contigs
73_S84.contigs
74_S92.contigs
75_S5.contigs

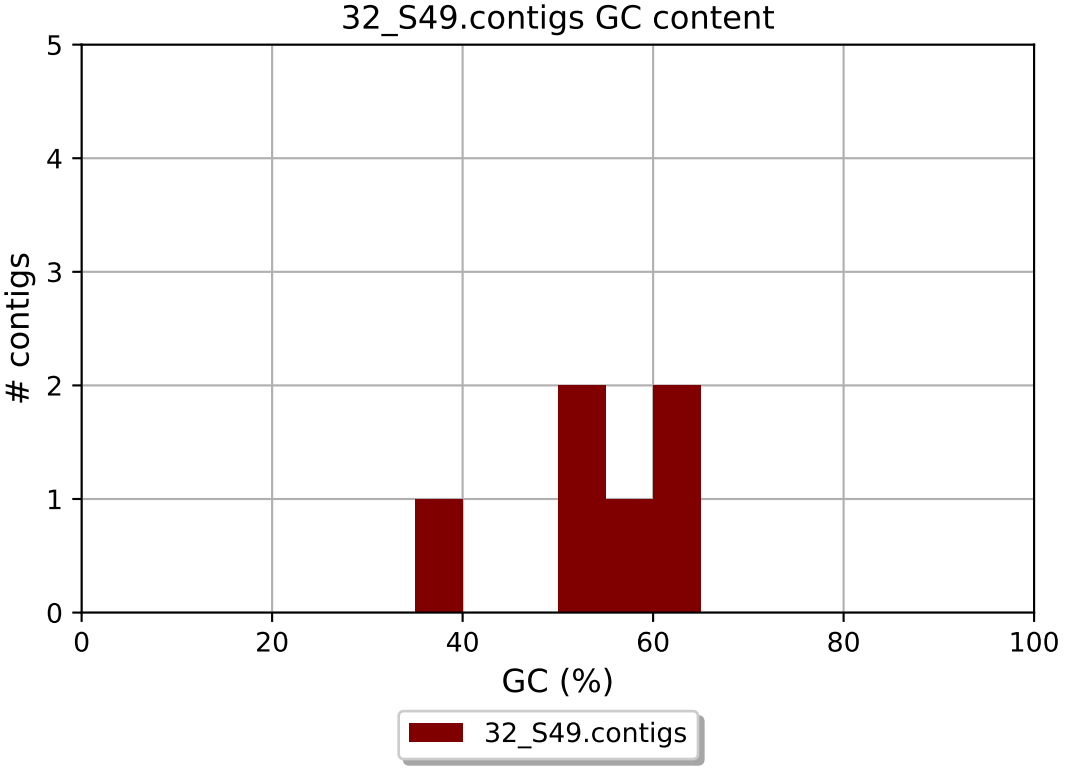

25_S1.contigs GC content
6000
4500
3000
1500
0
contigs
0
20
40
60
80
100
GC (%)
25_S1.contigs

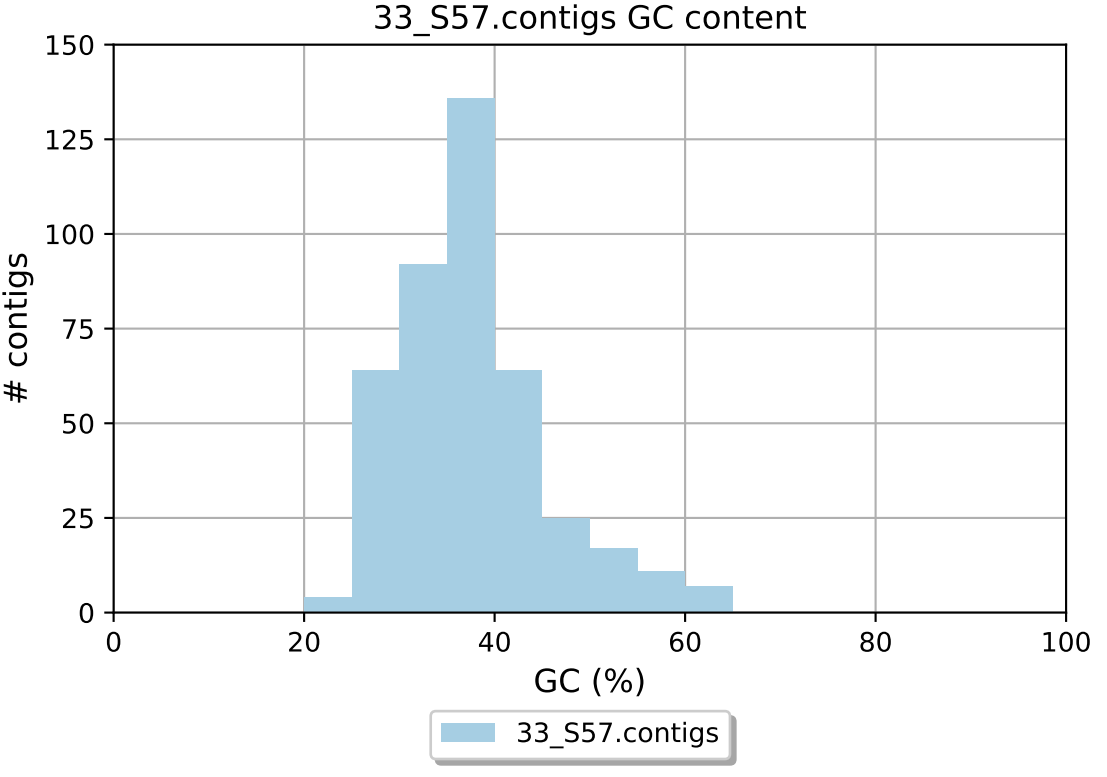

26_S9.contigs GC content
contigs
GC (%)
0
100
200
300
400
500
0
20
40
60
80
100
26_S9.contigs

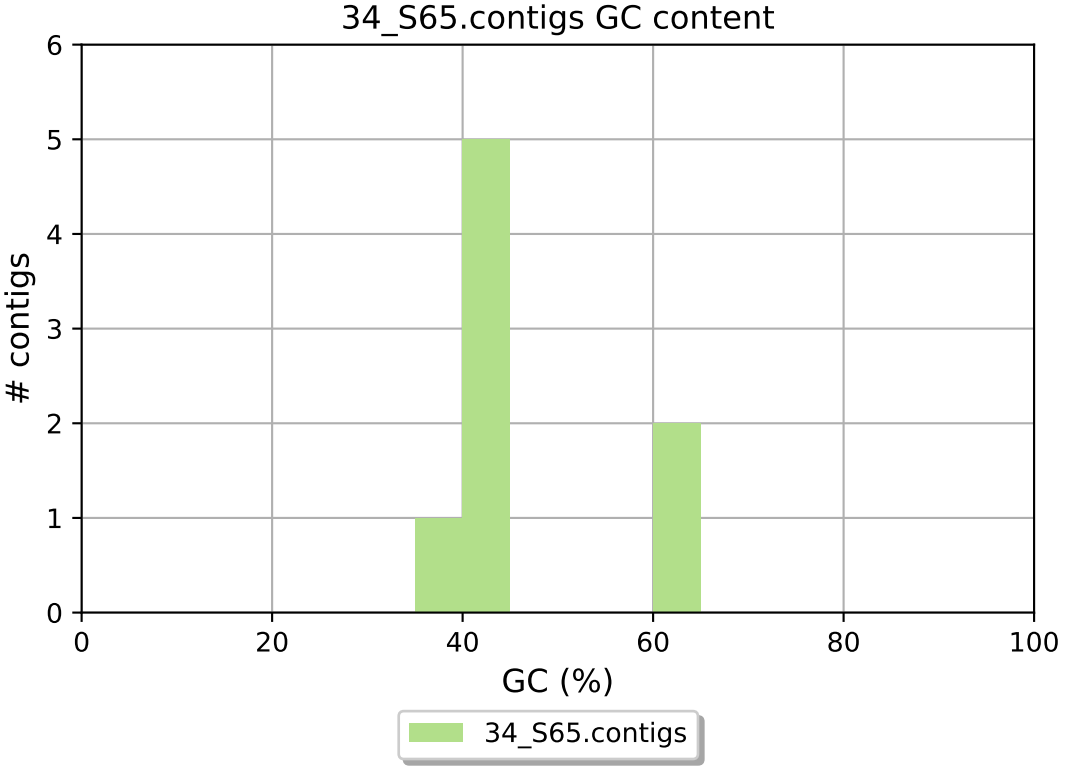

28_S25.contigs GC content
300
240
180
120
60
0
contigs
0
20
40
60
80
100
GC (%)
28_S25.contigs

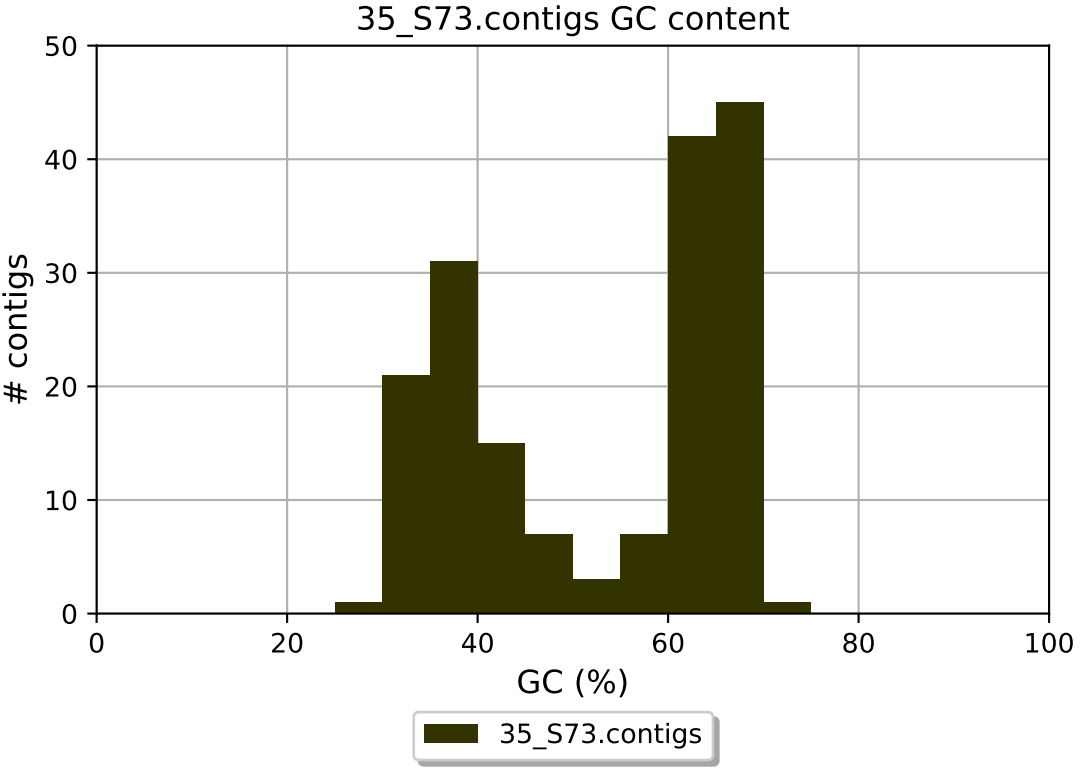

29_S33.contigs GC content
contigs
GC (%)
0
2
4
6
8
10
0
20
40
60
80
100
29_S33.contigs

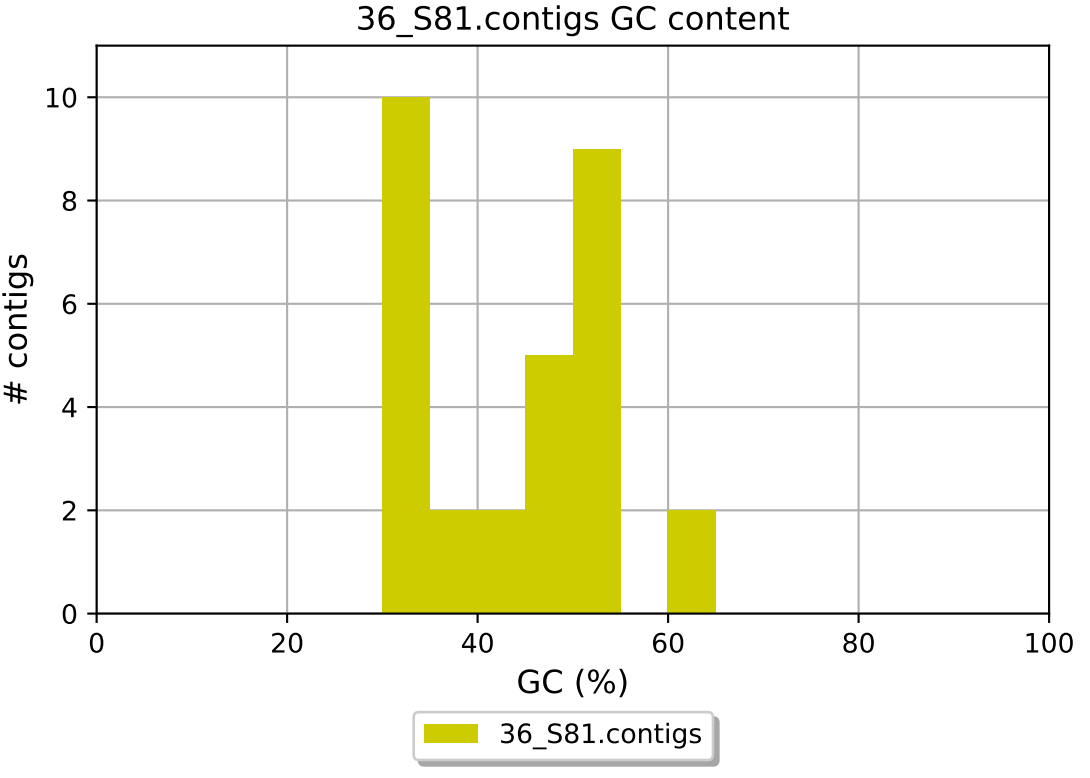

31_S41.contigs GC content
contigs
GC (%)
0
6
12
18
24
30
0
20
40
60
80
100
31_S41.contigs

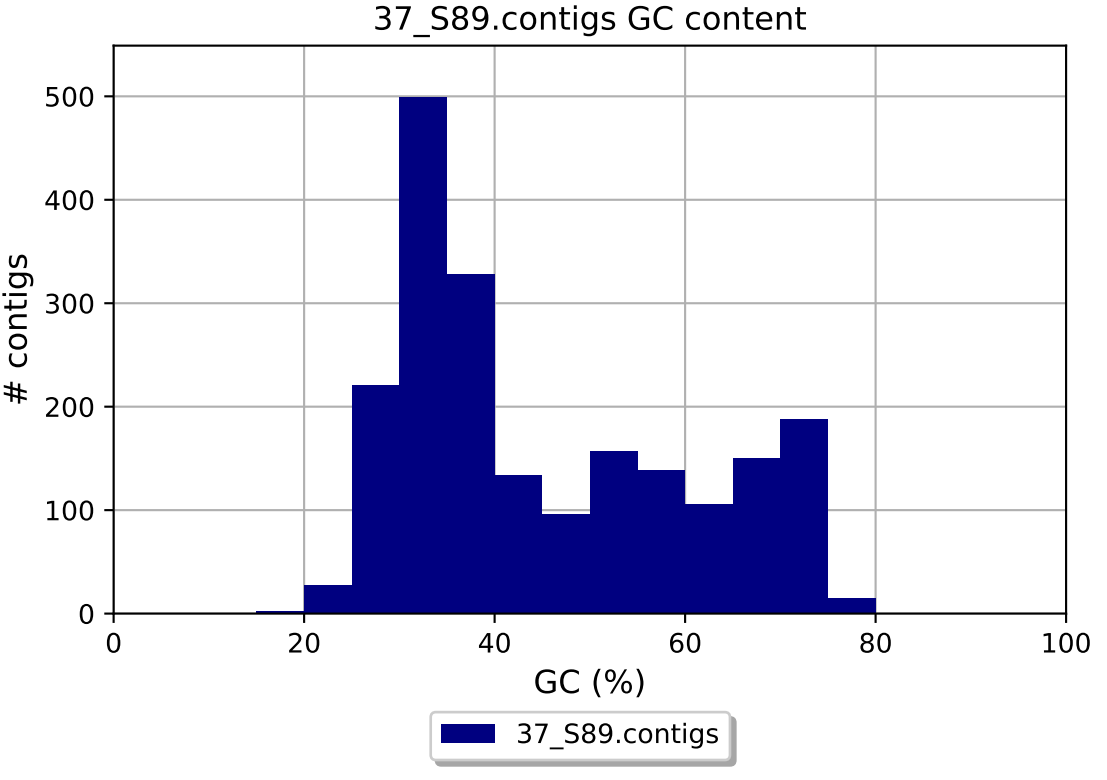

32_S49.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
32_S49.contigs

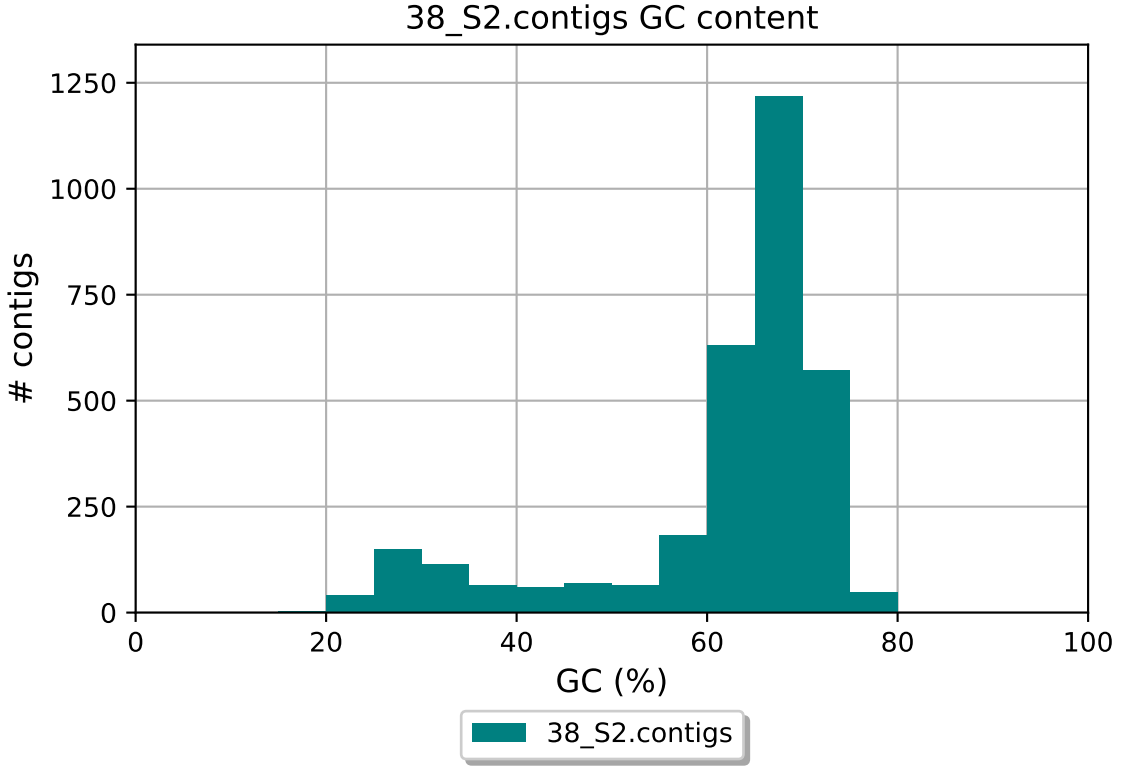

33_S57.contigs GC content
150
125
100
75
50
25
0
contigs
0
20
40
60
80
100
GC (%)
33_S57.contigs

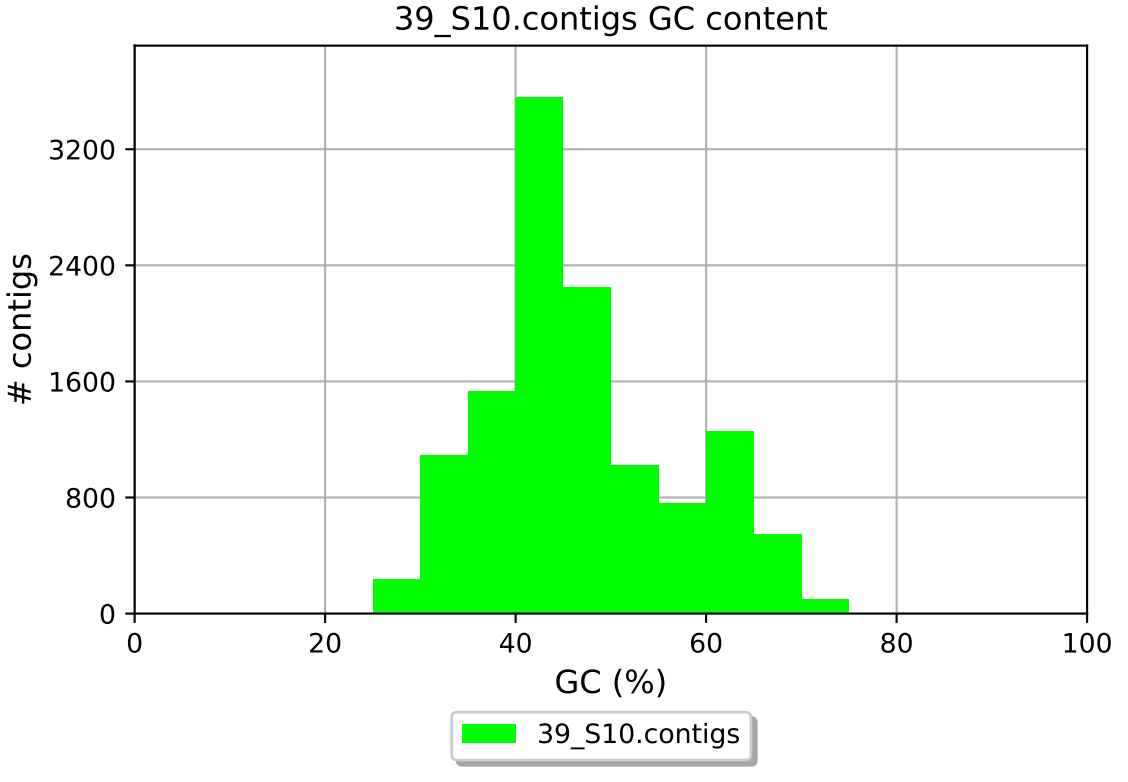

34_S65.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
6
0
20
40
60
80
100
34_S65.contigs

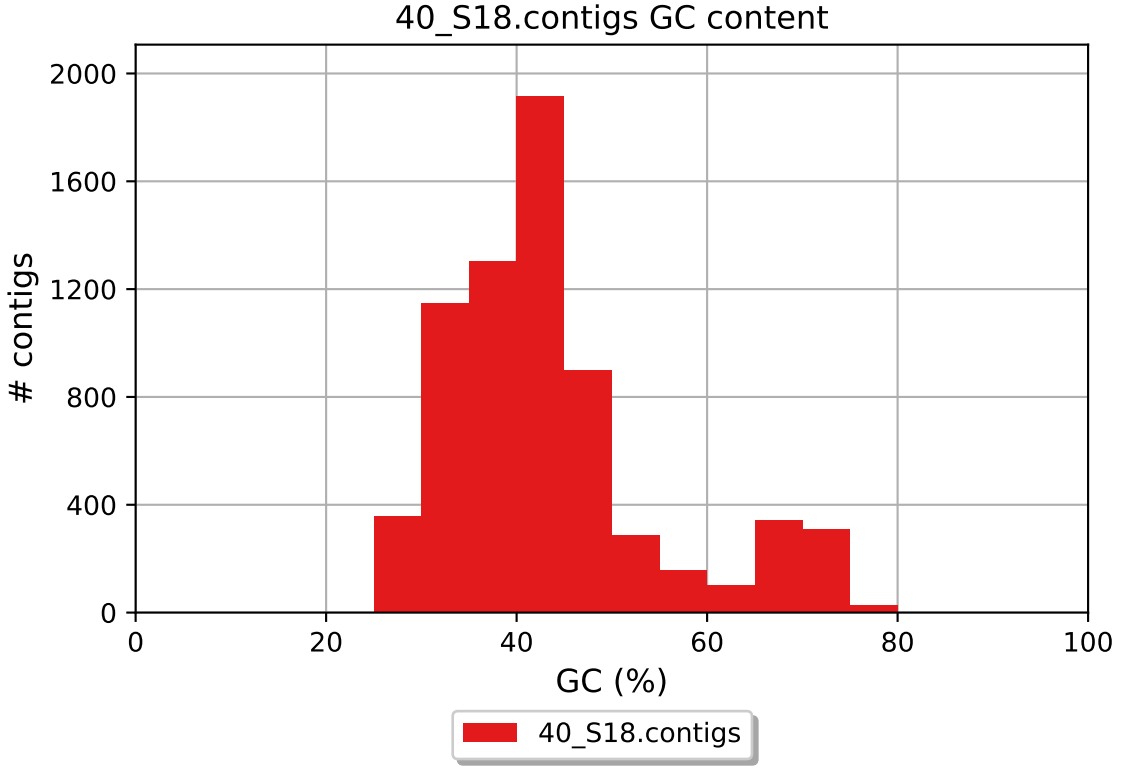

35_S73.contigs GC content
contigs
GC (%)
0
10
20
30
40
50
0
20
40
60
80
100
35_S73.contigs

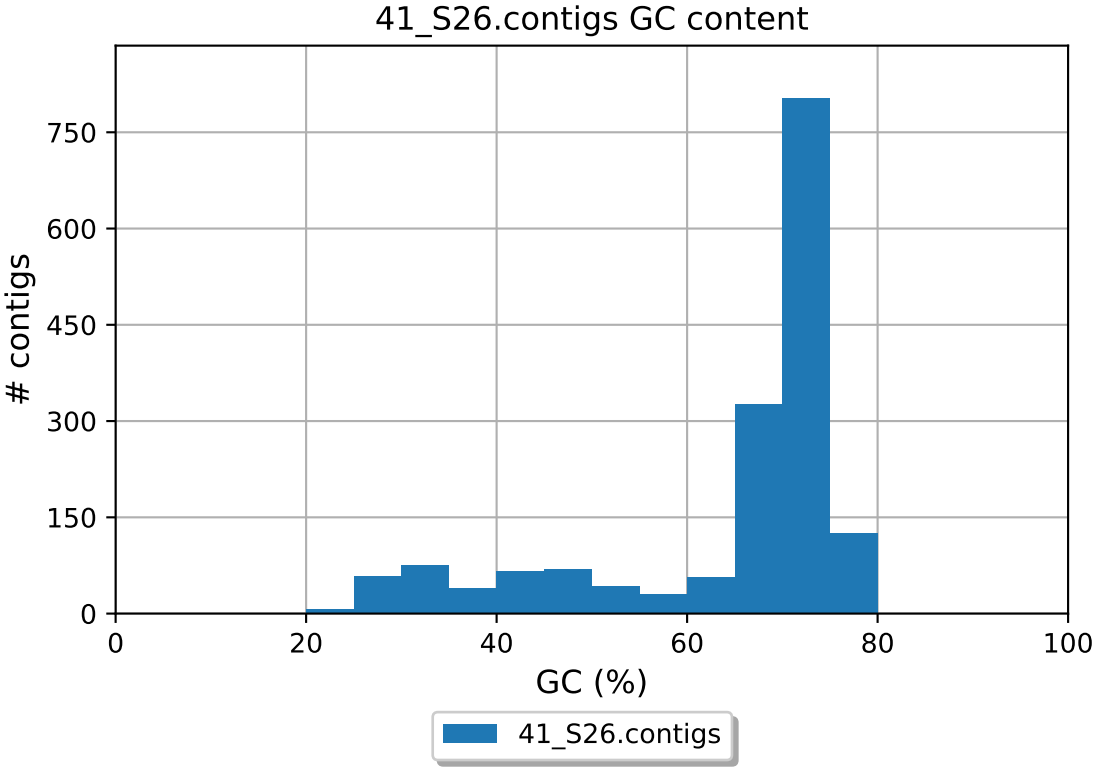

36_S81.contigs GC content
contigs
0
2
4
6
8
10
0
20
40
60
80
100
GC (%)
36_S81.contigs

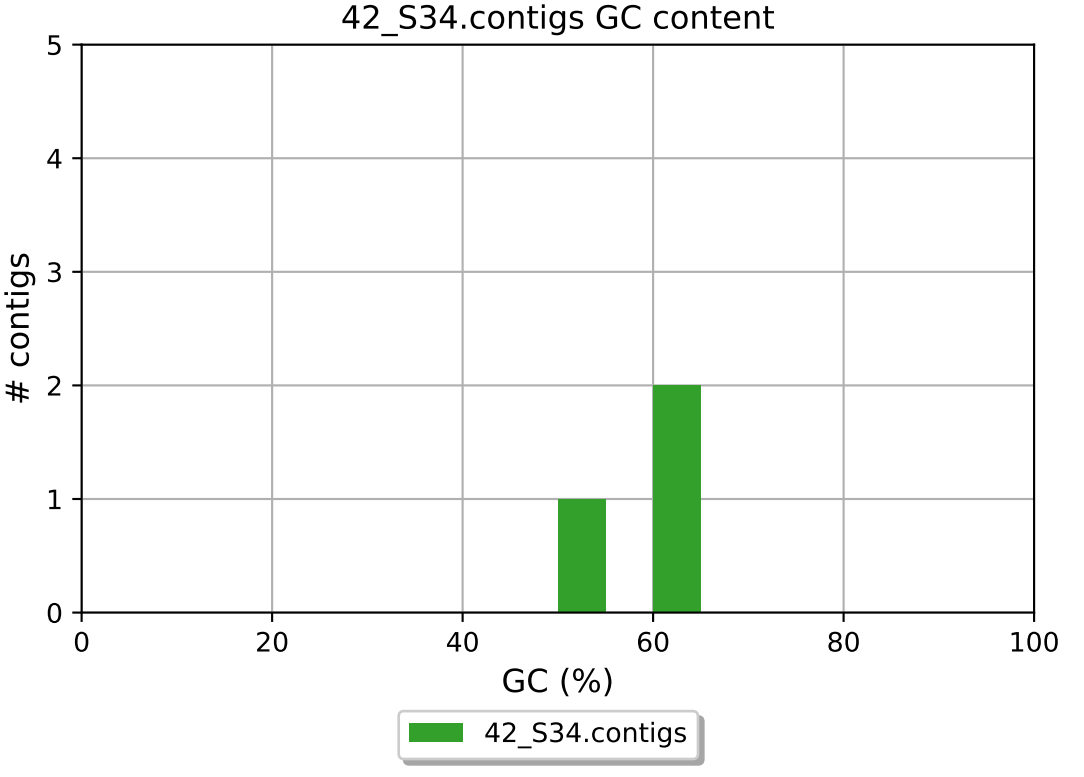

37_S89.contigs GC content
contigs
GC (%)
0
100
200
300
400
500
0
20
40
60
80
100
37_S89.contigs

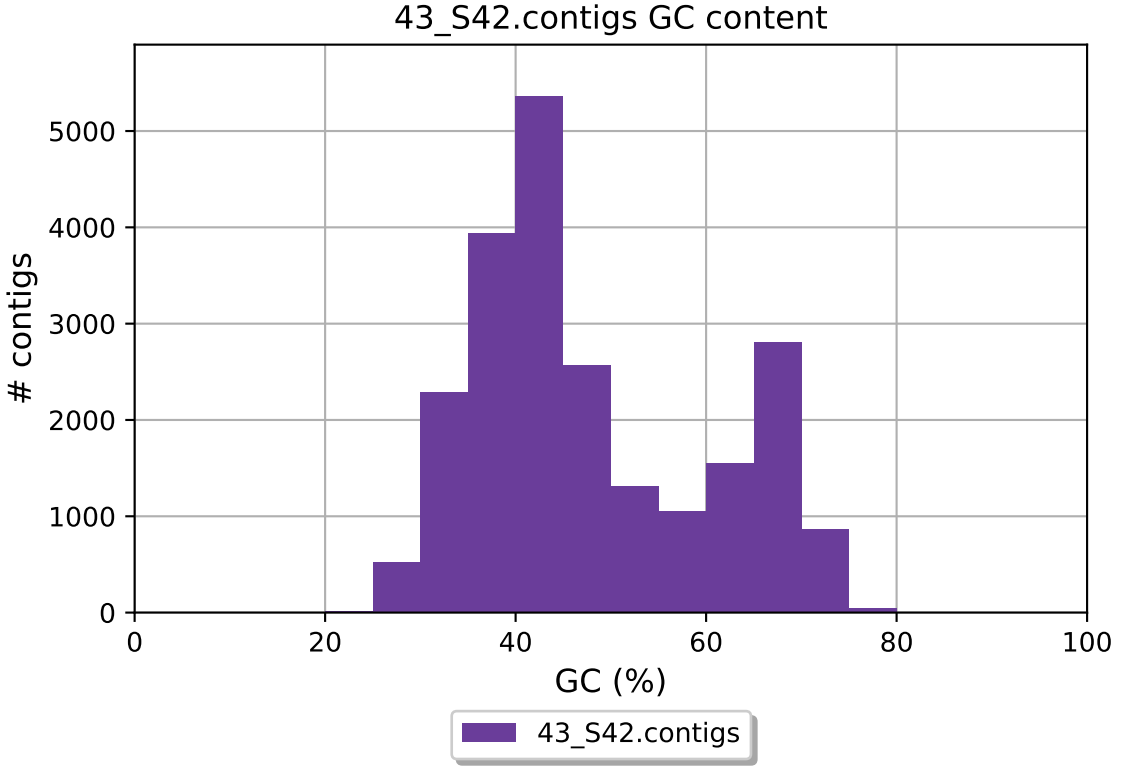

38_S2.contigs GC content
contigs
1250
1000
750
500
250
0
0
20
40
60
80
100
GC (%)
38_S2.contigs

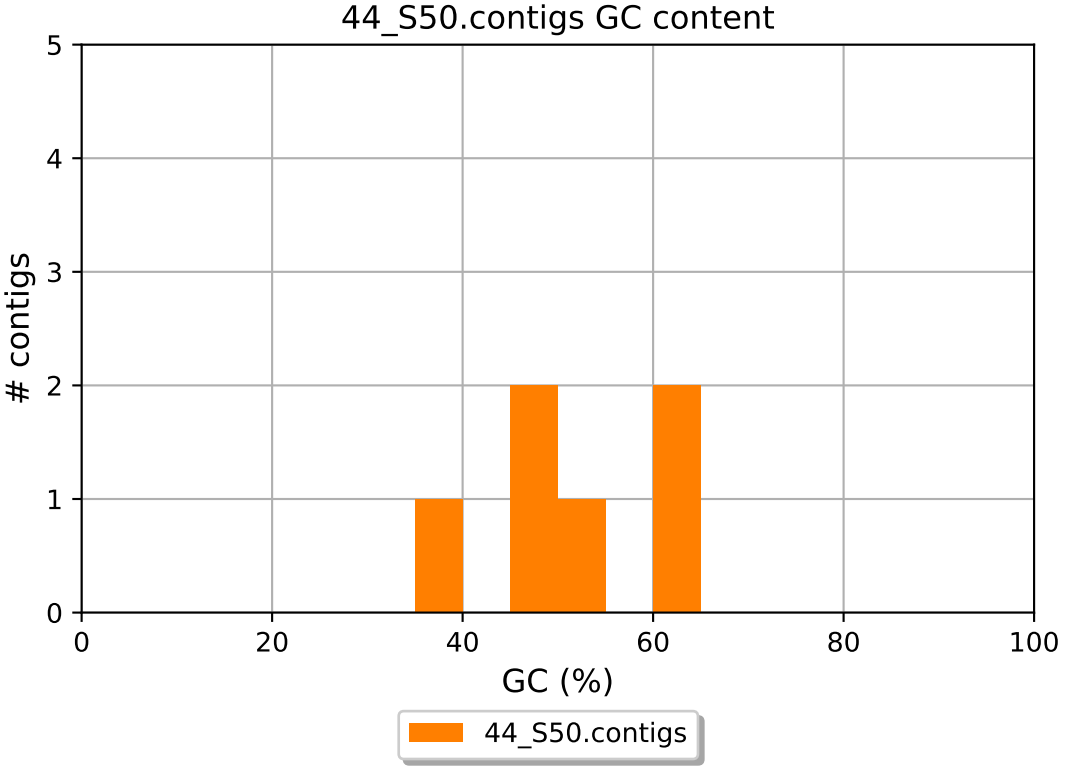

39_S10.contigs GC content
contigs
3200
2400
1600
800
0
0
20
40
60
80
100
GC (%)
39_S10.contigs

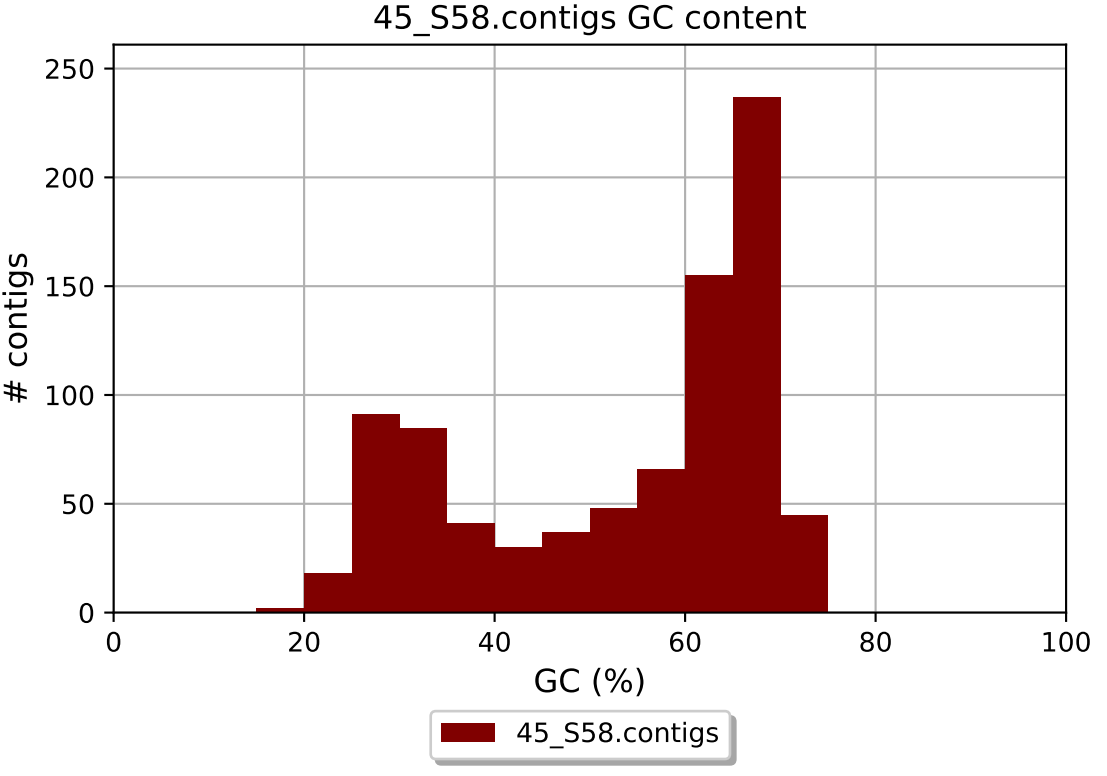

40_S18.contigs GC content
contigs
2000
1600
1200
800
400
0
0
20
40
60
80
100
GC (%)
40_S18.contigs

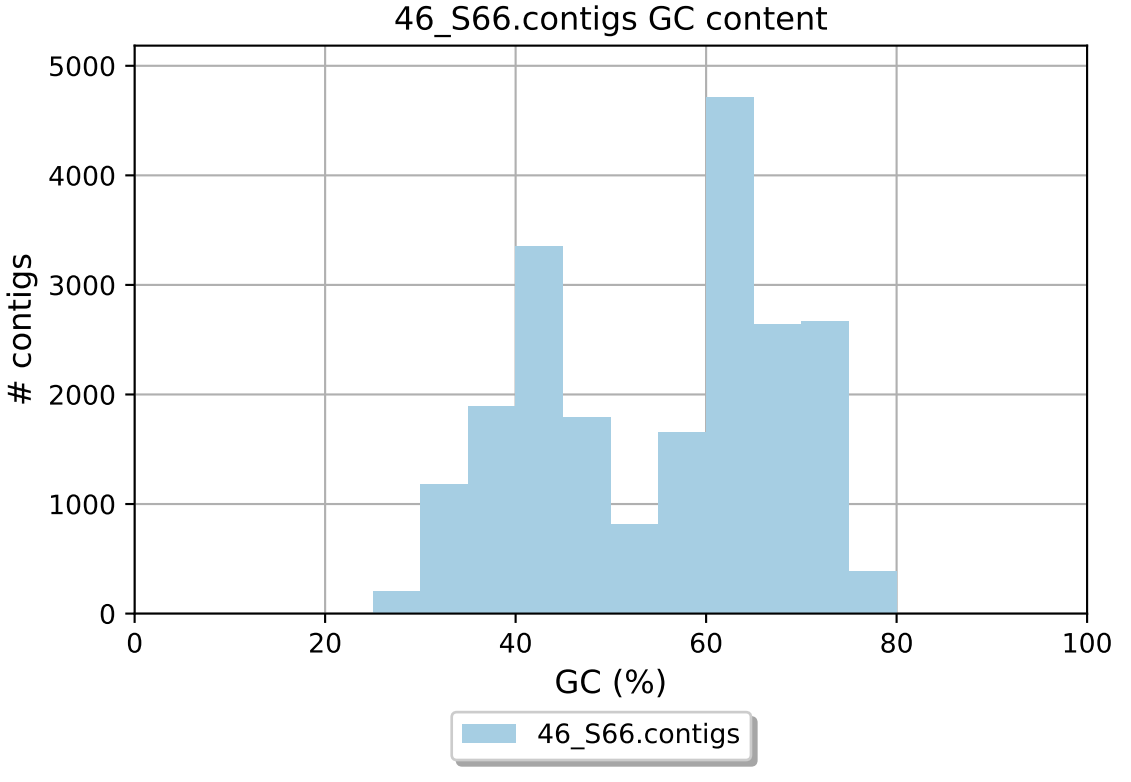

41_S26.contigs GC content
contigs
0
150
300
450
600
750
0
20
40
60
80
100
GC (%)
41_S26.contigs

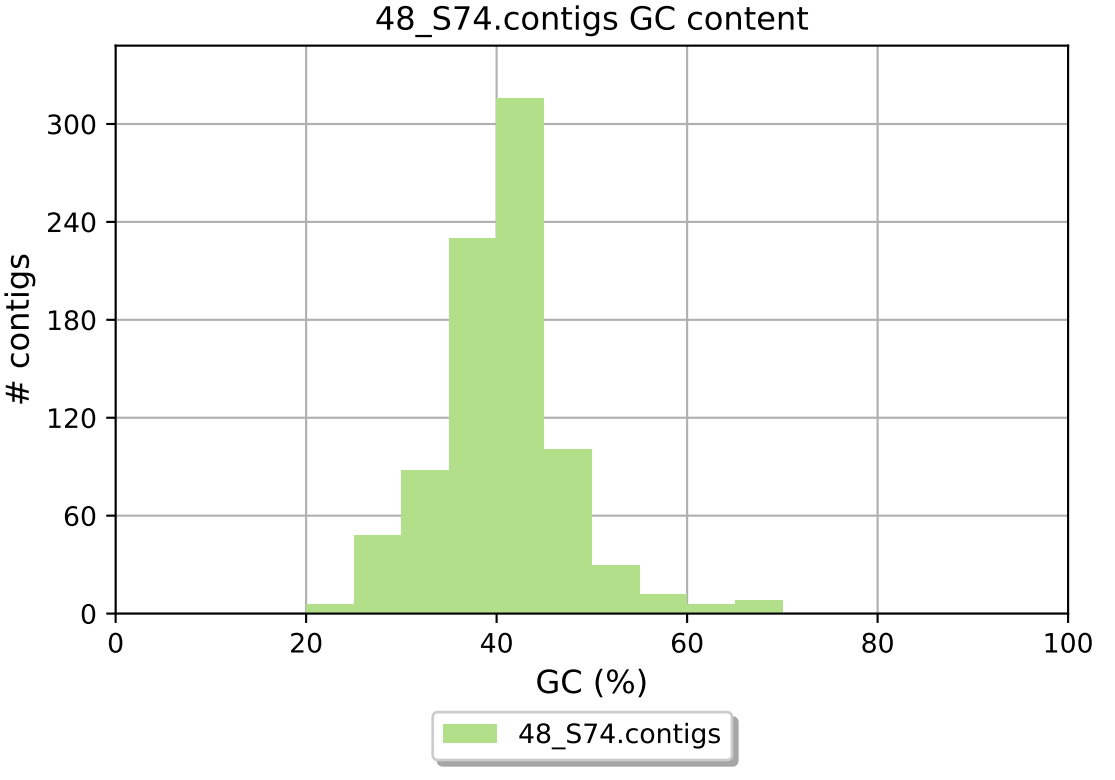

42_S34.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
42_S34.contigs

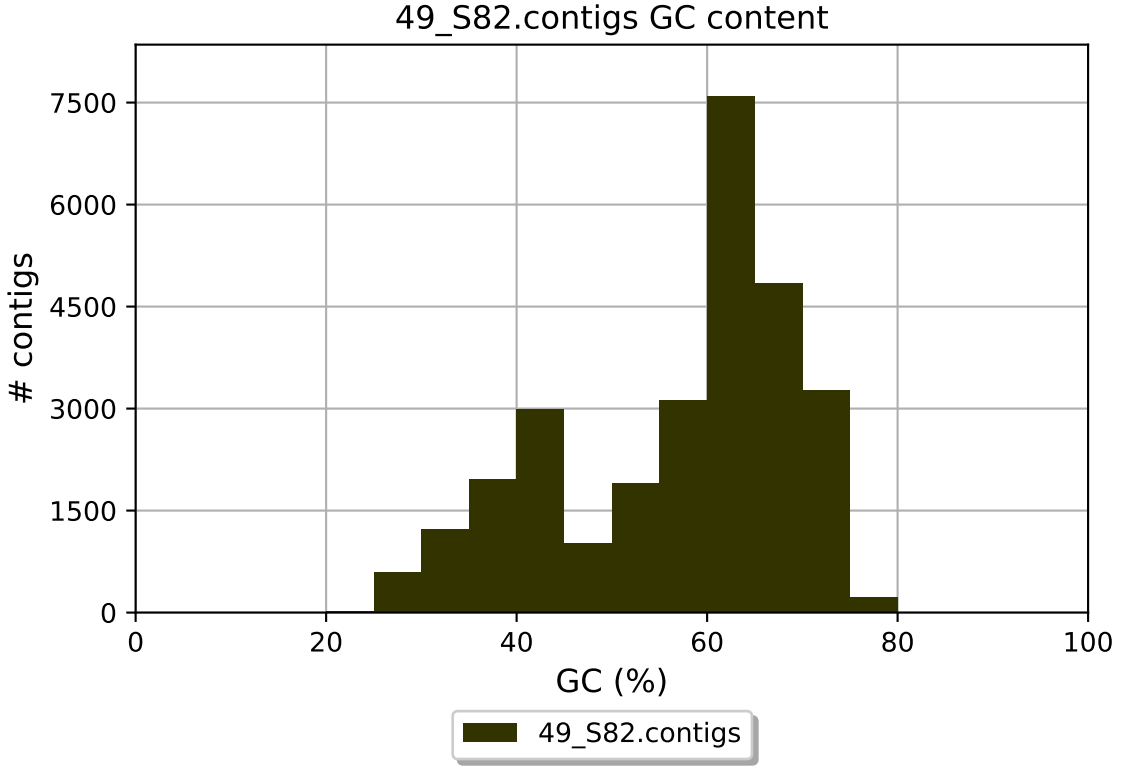

43_S42.contigs GC content
contigs
0
1000
2000
3000
4000
5000
0
20
40
60
80
100
GC (%)
43_S42.contigs

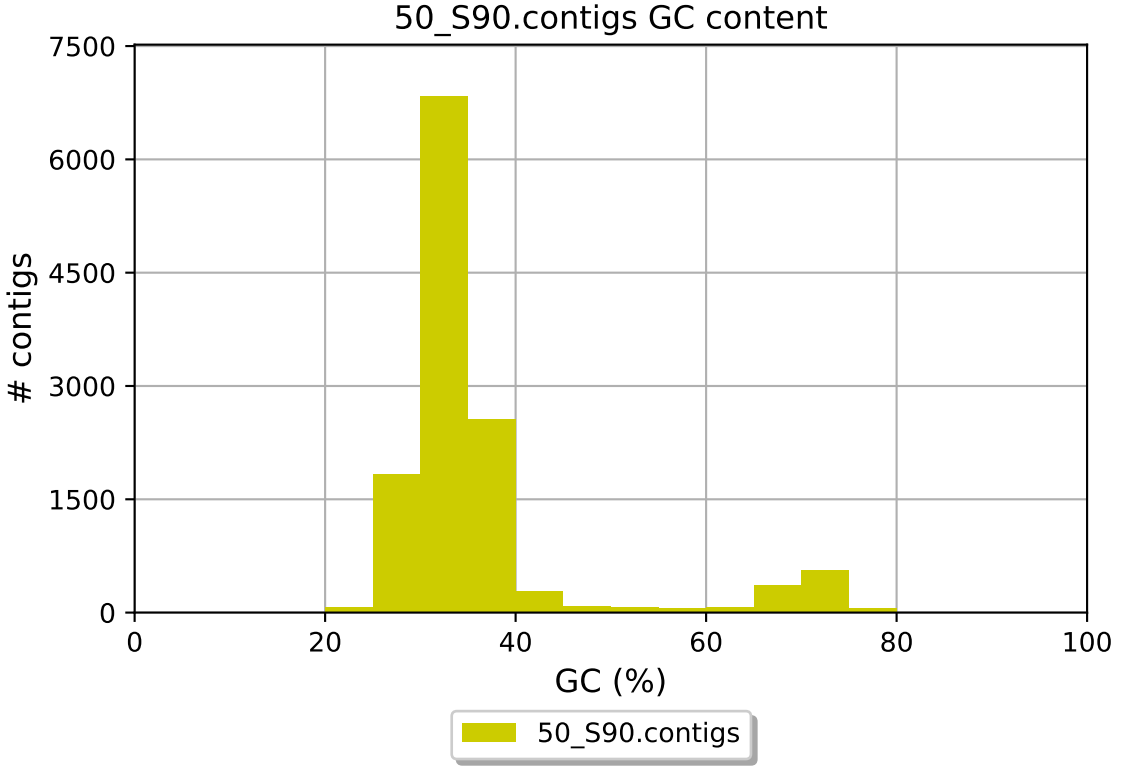

44_S50.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
44_S50.contigs

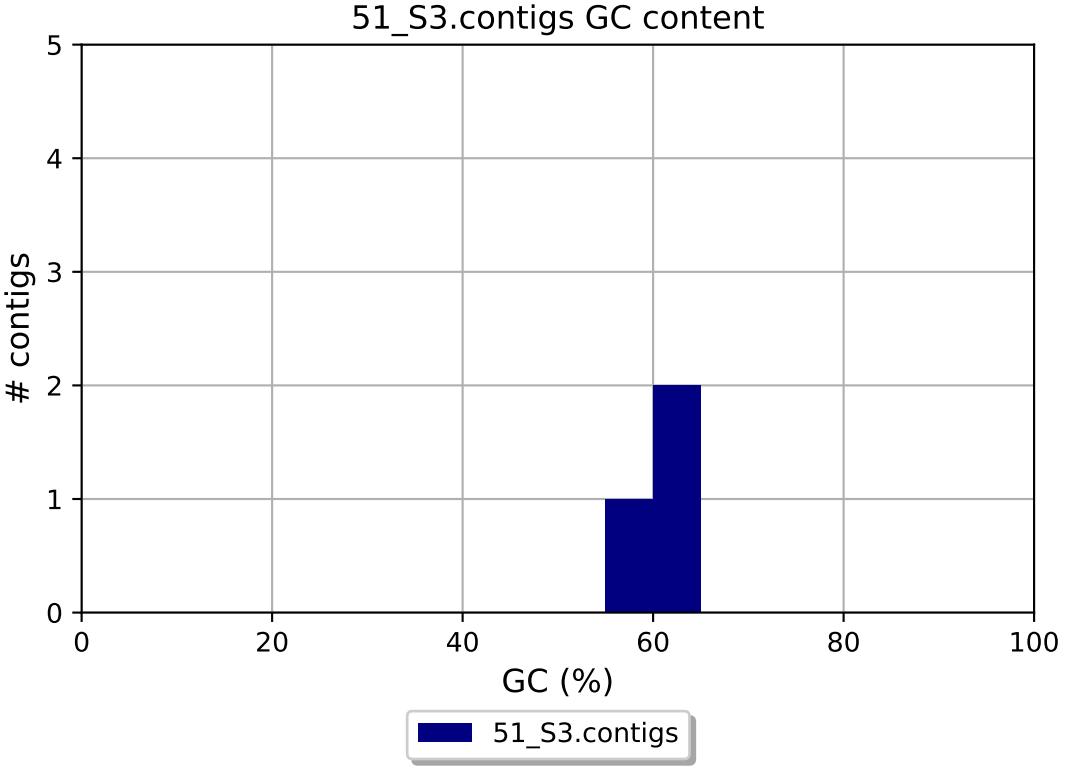

45_S58.contigs GC content
contigs
GC (%)
0
50
100
150
200
250
0
20
40
60
80
100
45_S58.contigs

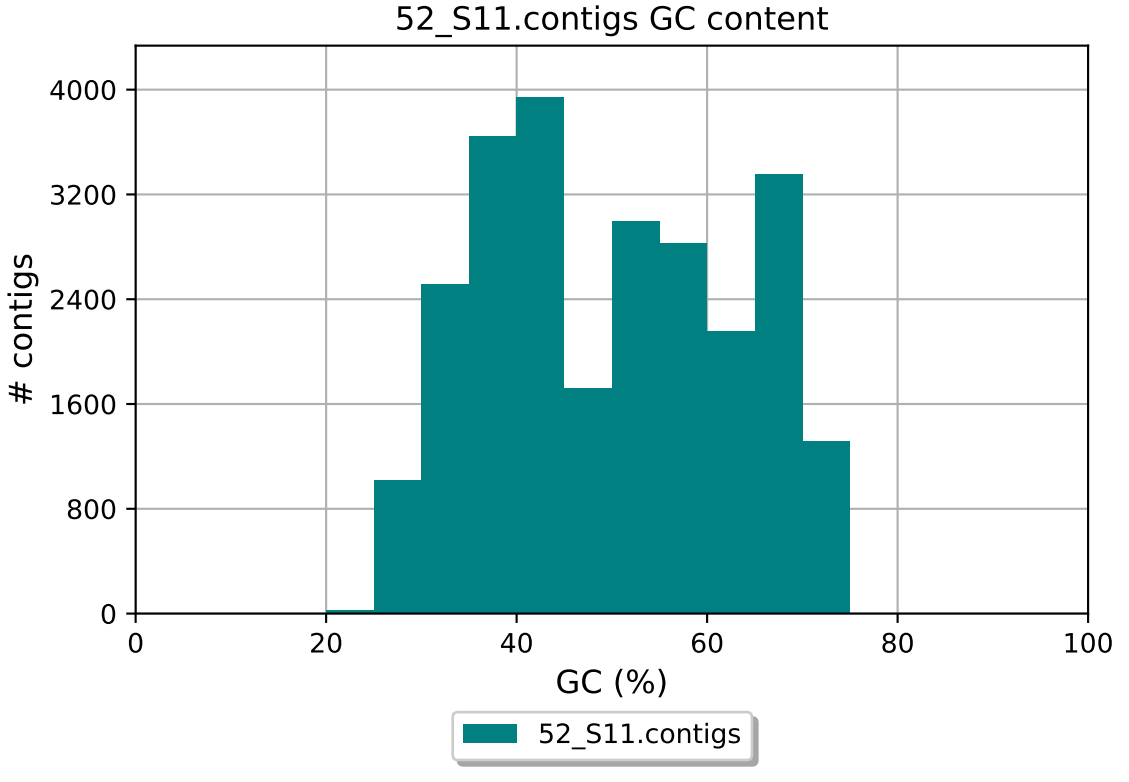

46_S66.contigs GC content
contigs
GC (%)
0
1000
2000
3000
4000
5000
0
20
40
60
80
100
46_S66.contigs

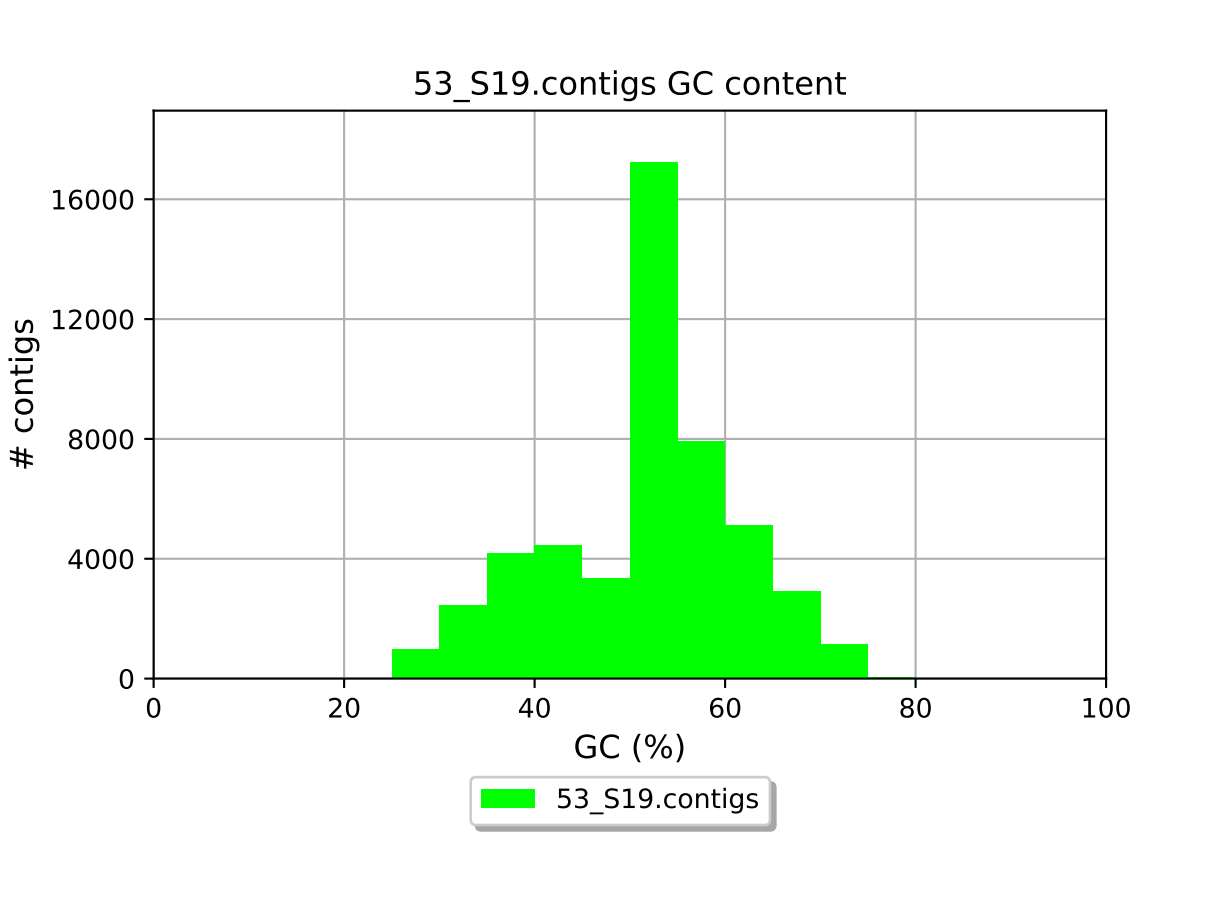

48_S74.contigs GC content
contigs
GC (%)
0
60
120
180
240
300
0
20
40
60
80
100
48_S74.contigs

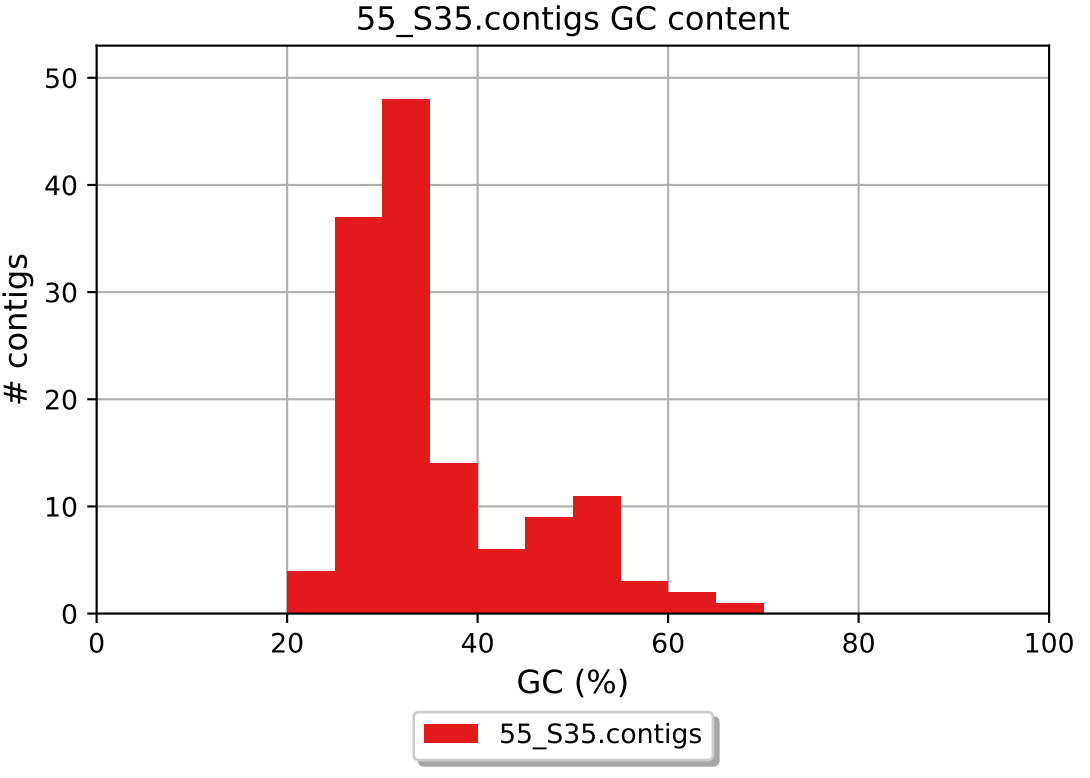

49_S82.contigs GC content
7500
6000
4500
3000
1500
0
contigs
0
20
40
60
80
100
GC (%)
49_S82.contigs

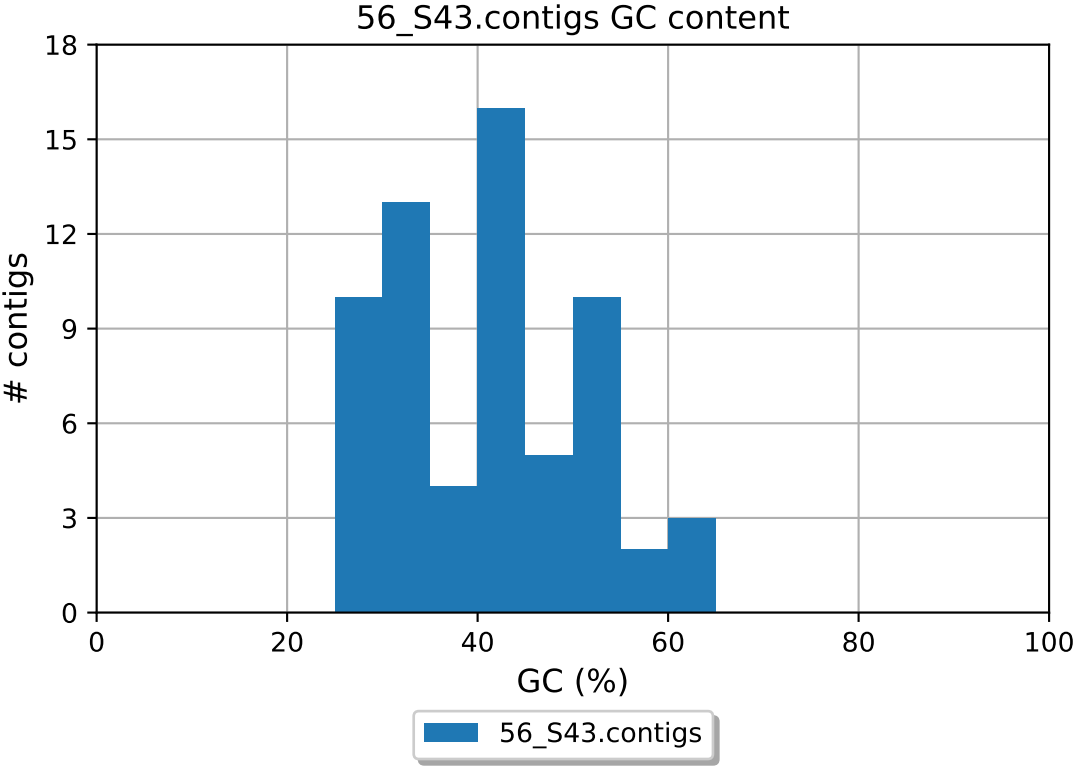

50_S90.contigs GC content
7500
6000
4500
3000
1500
0
contigs
0
20
40
60
80
100
GC (%)
50_S90.contigs

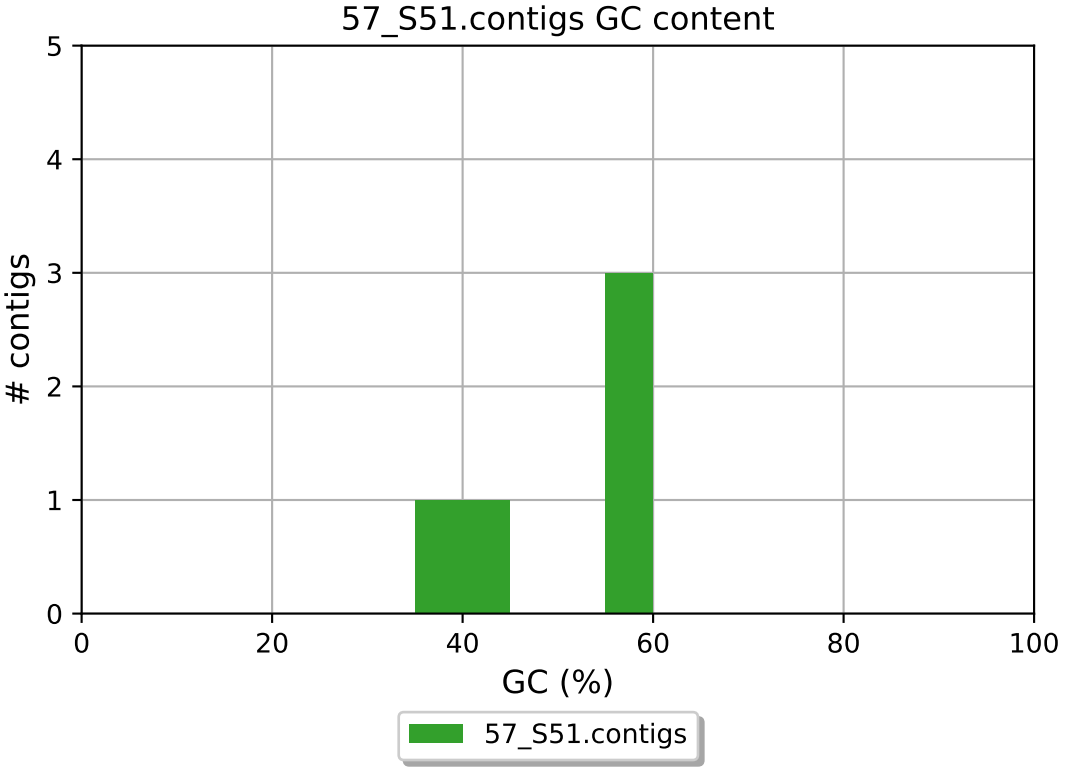

51_S3.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
51_S3.contigs

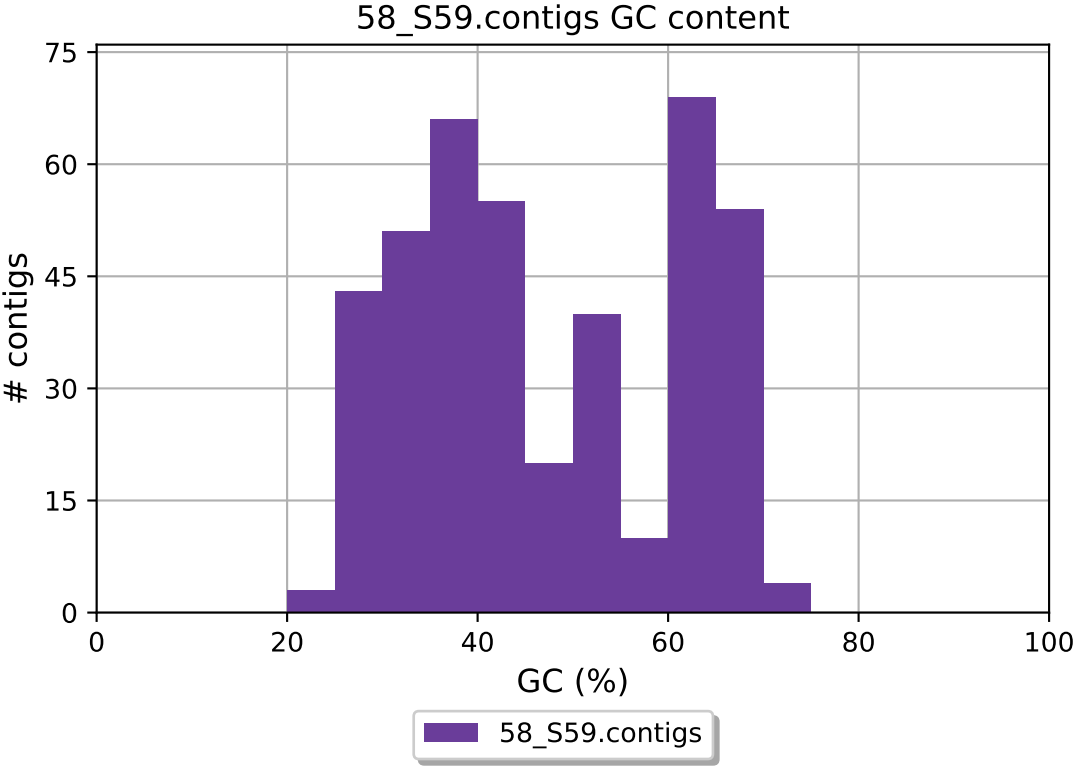

52_S11.contigs GC content
4000
3200
2400
1600
800
0
contigs
0
20
40
60
80
100
GC (%)
52_S11.contigs

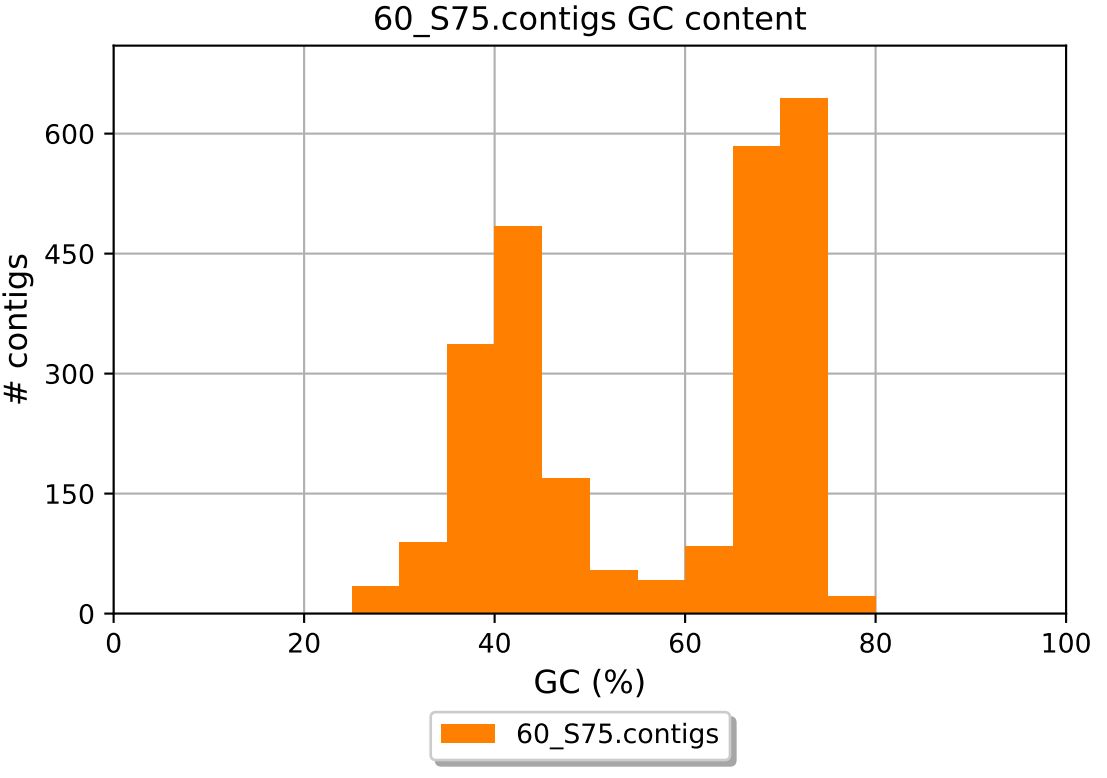

53_S19.contigs GC content
16000
12000
8000
4000
0
contigs
0
20
40
60
80
100
GC (%)
53_S19.contigs

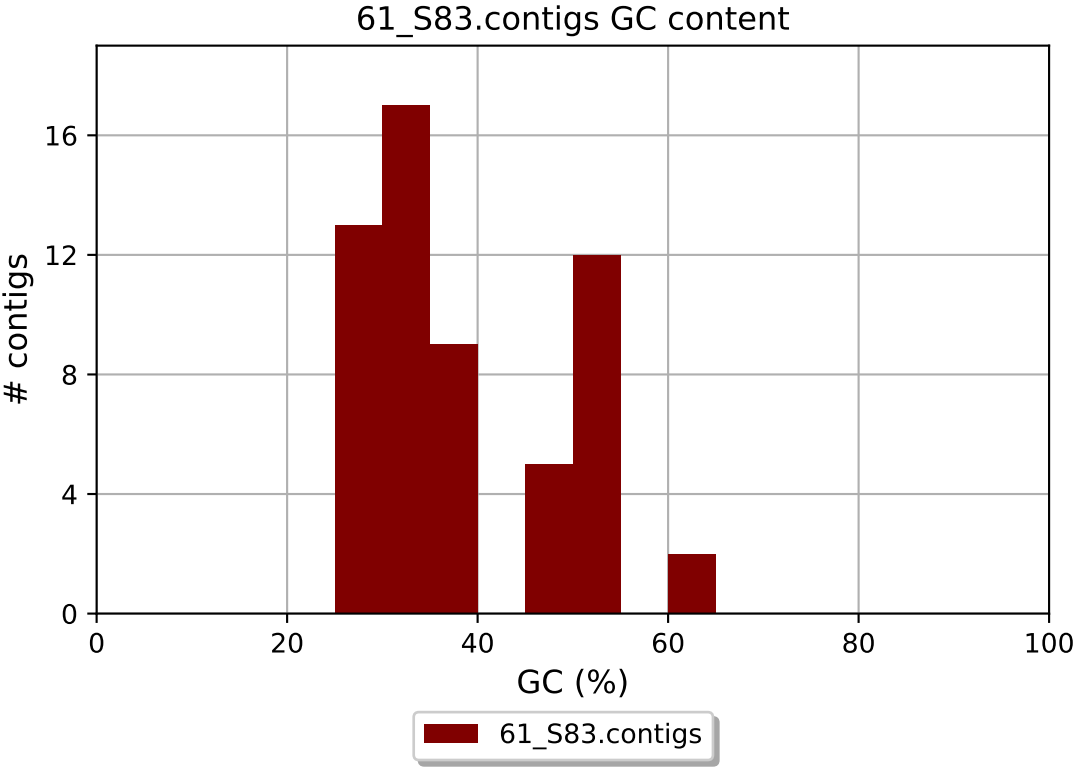

55_S35.contigs GC content
contigs
GC (%)
0
10
20
30
40
50
0
20
40
60
80
100
55_S35.contigs

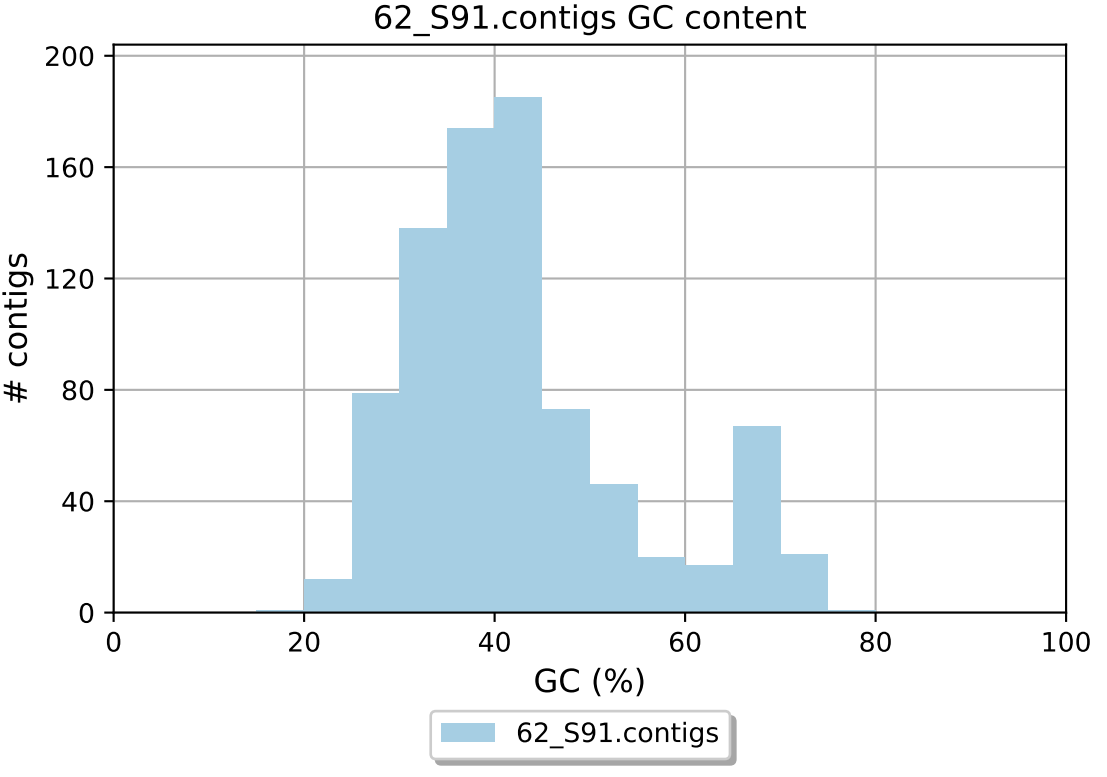

56_S43.contigs GC content
contigs
GC (%)
0
3
6
9
12
15
18
0
20
40
60
80
100
56_S43.contigs

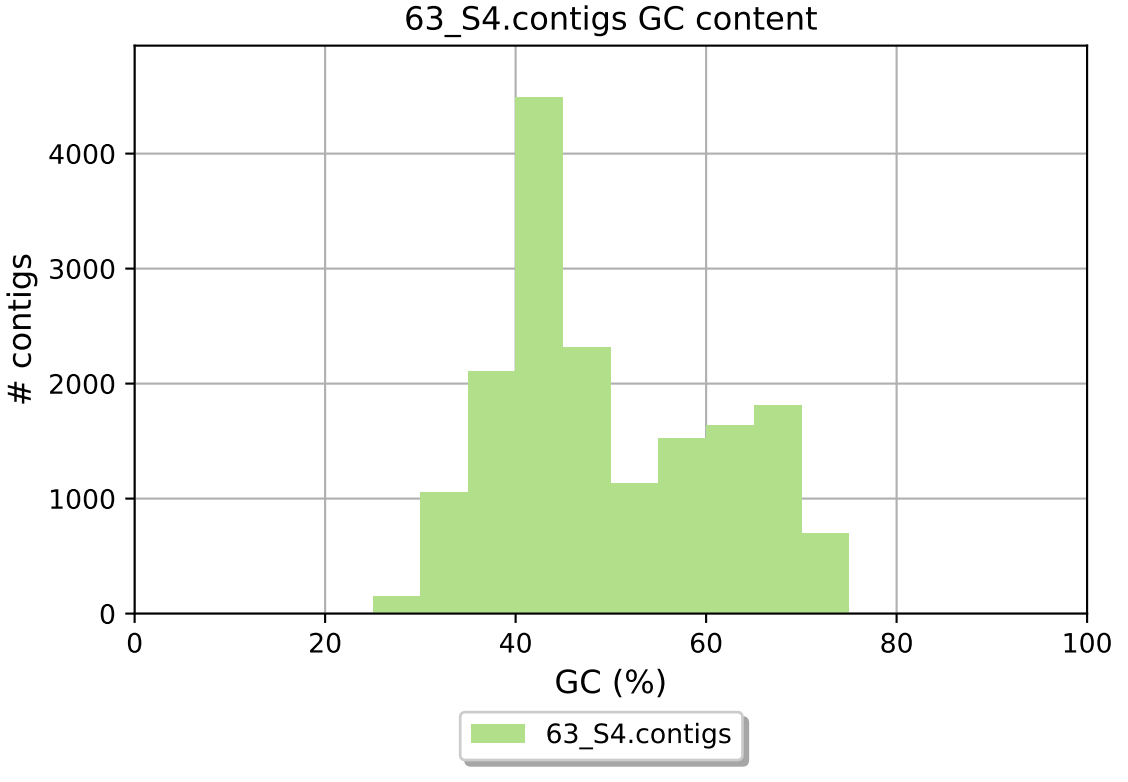

57_S51.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
57_S51.contigs

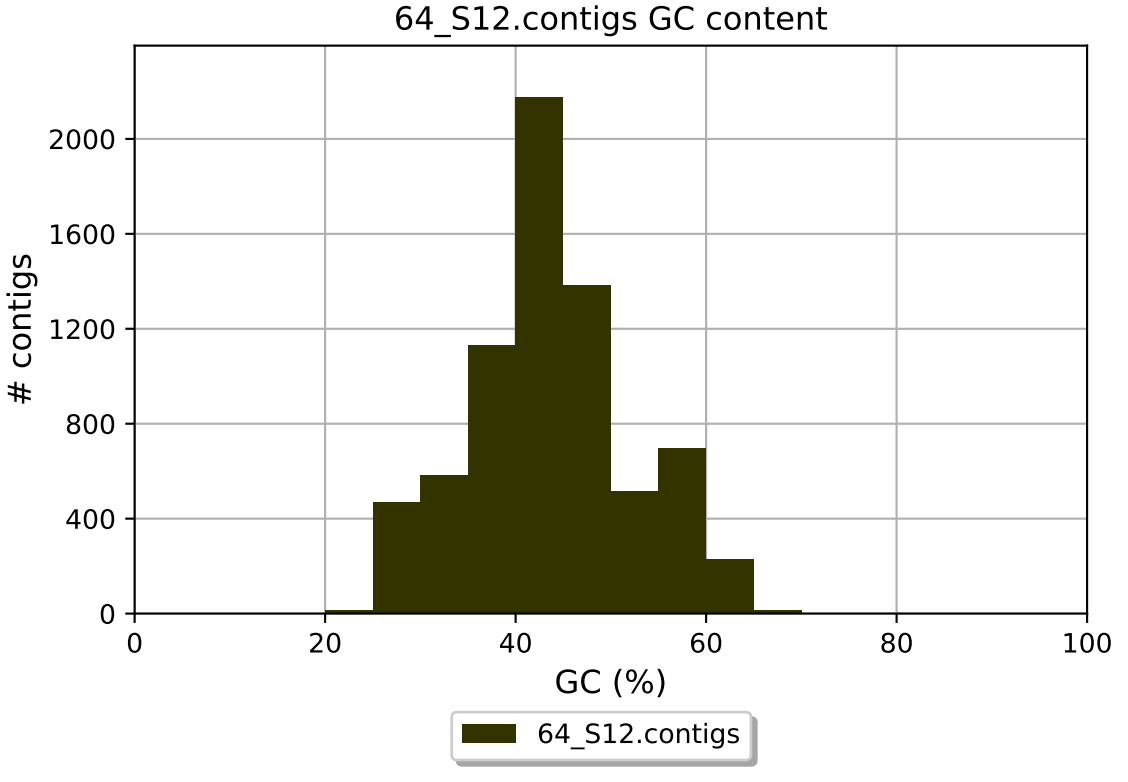

58_S59.contigs GC content
contigs
GC (%)
0
15
30
45
60
75
0
20
40
60
80
100
58_S59.contigs

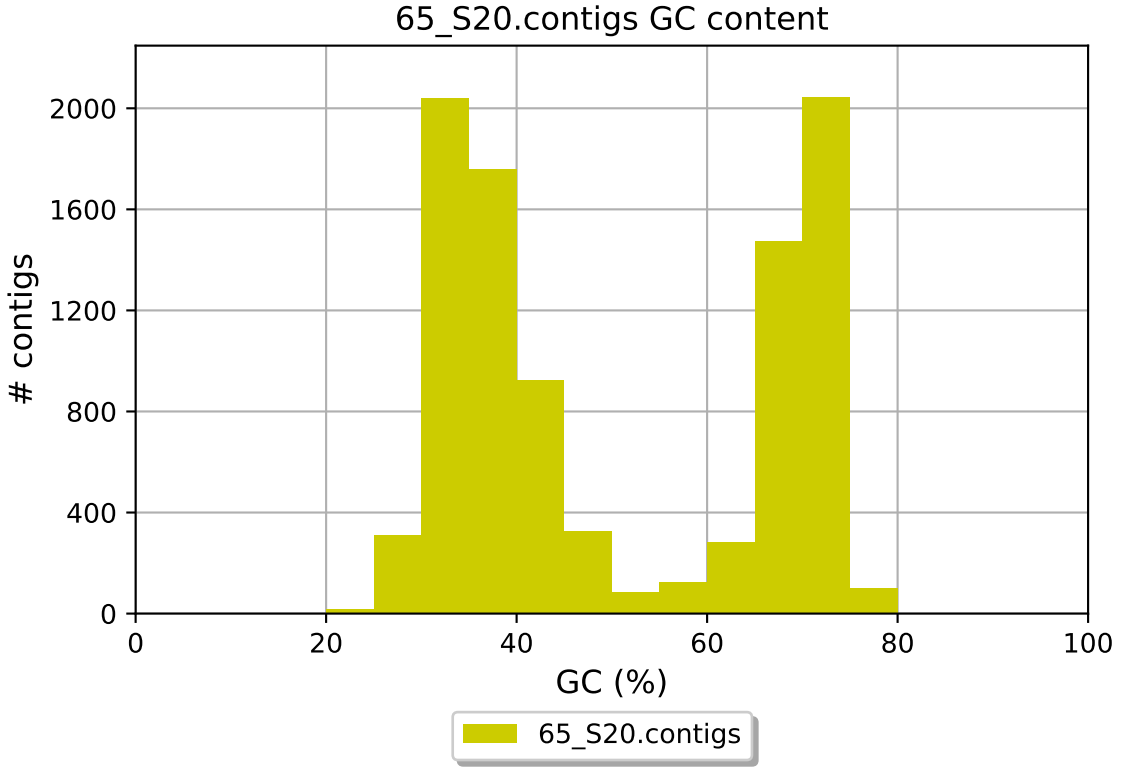

60_S75.contigs GC content
contigs
600
450
300
150
0
0
20
40
60
80
100
GC (%)
60_S75.contigs

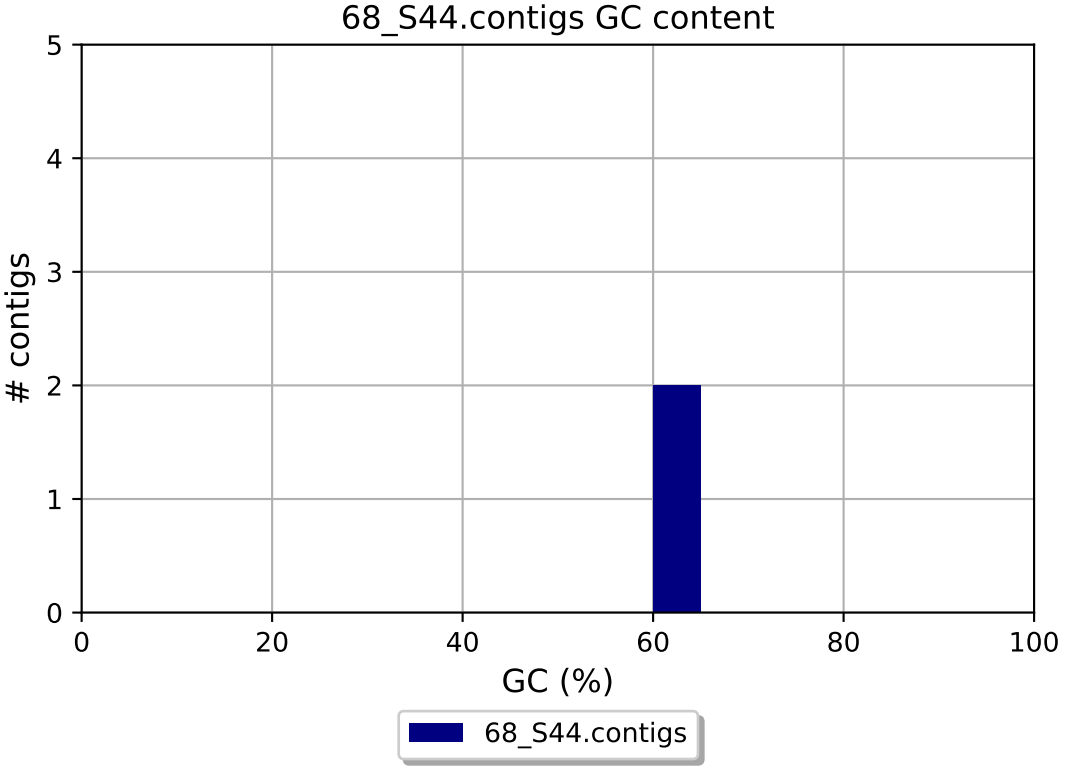

61_S83.contigs GC content
contigs
0
4
8
12
16
0
20
40
60
80
100
GC (%)
61_S83.contigs

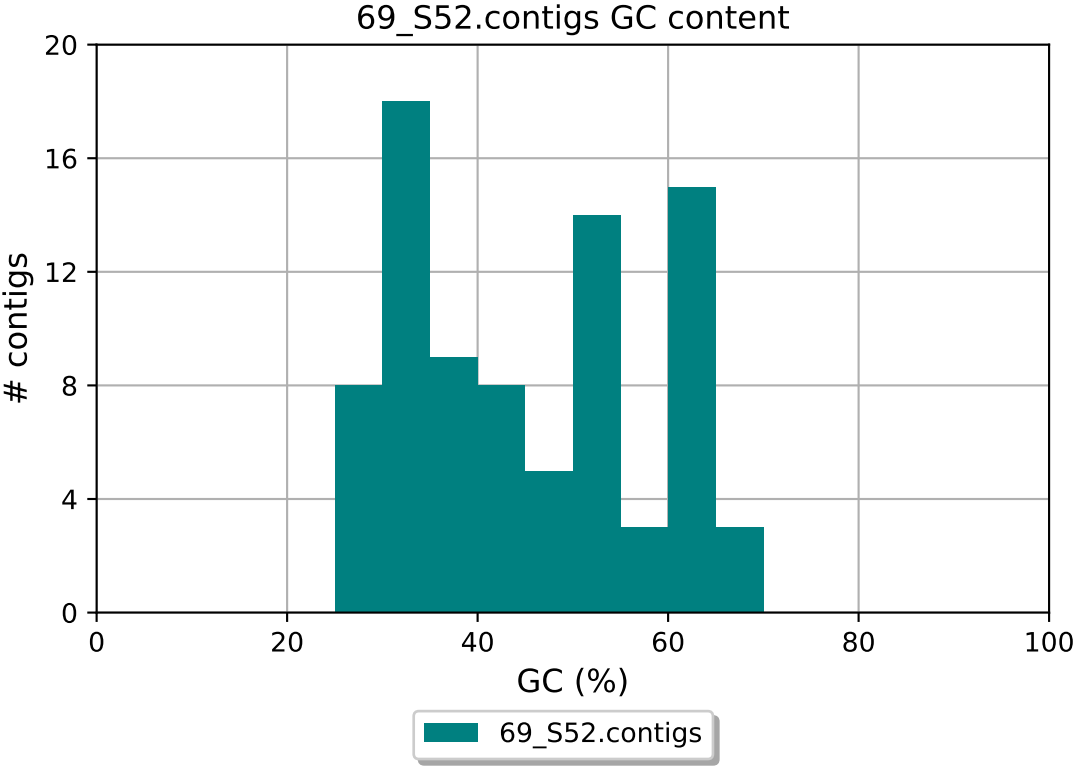

62_S91.contigs GC content
200
160
120
80
40
0
contigs
0
20
40
60
80
100
GC (%)
62_S91.contigs

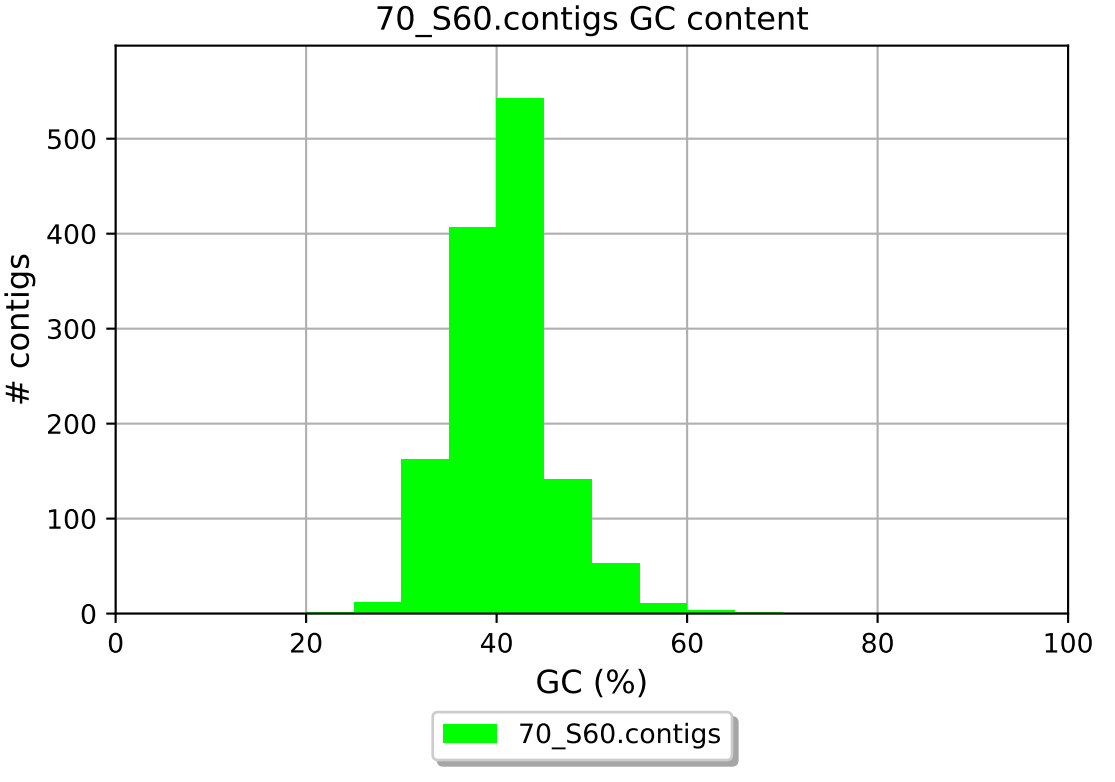

63_S4.contigs GC content
contigs
0
1000
2000
3000
4000
0
20
40
60
80
100
GC (%)
63_S4.contigs

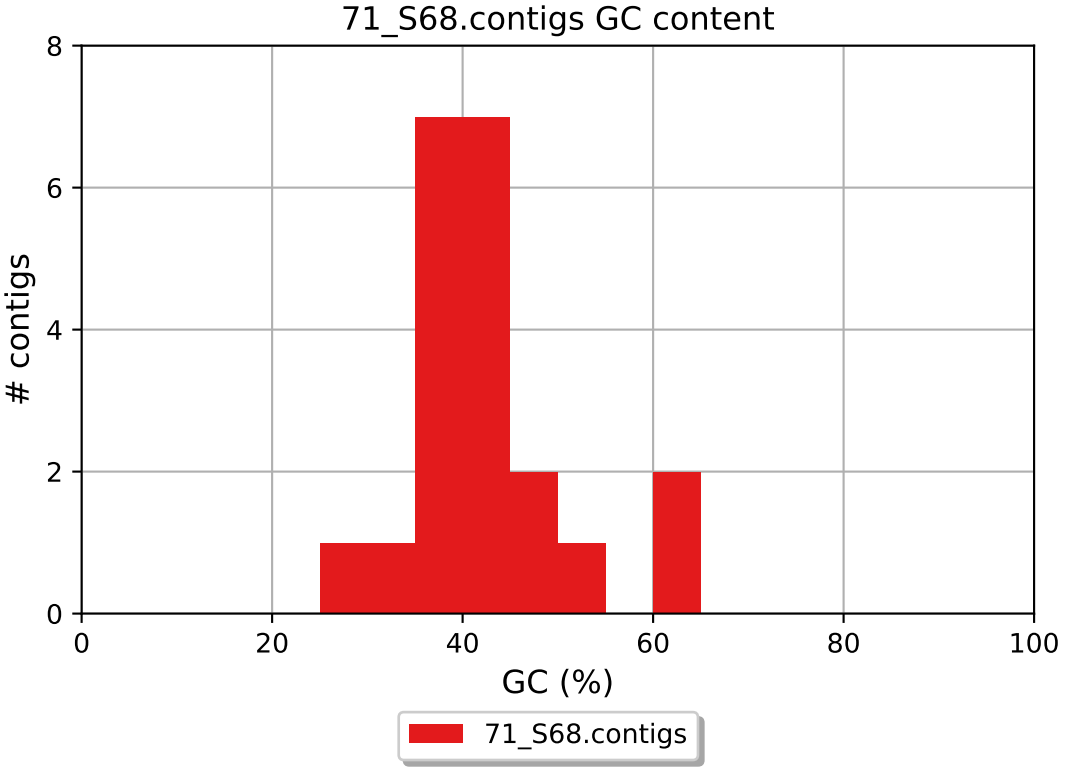

64_S12.contigs GC content
contigs
0
400
800
1200
1600
2000
0
20
40
60
80
100
GC (%)
64_S12.contigs

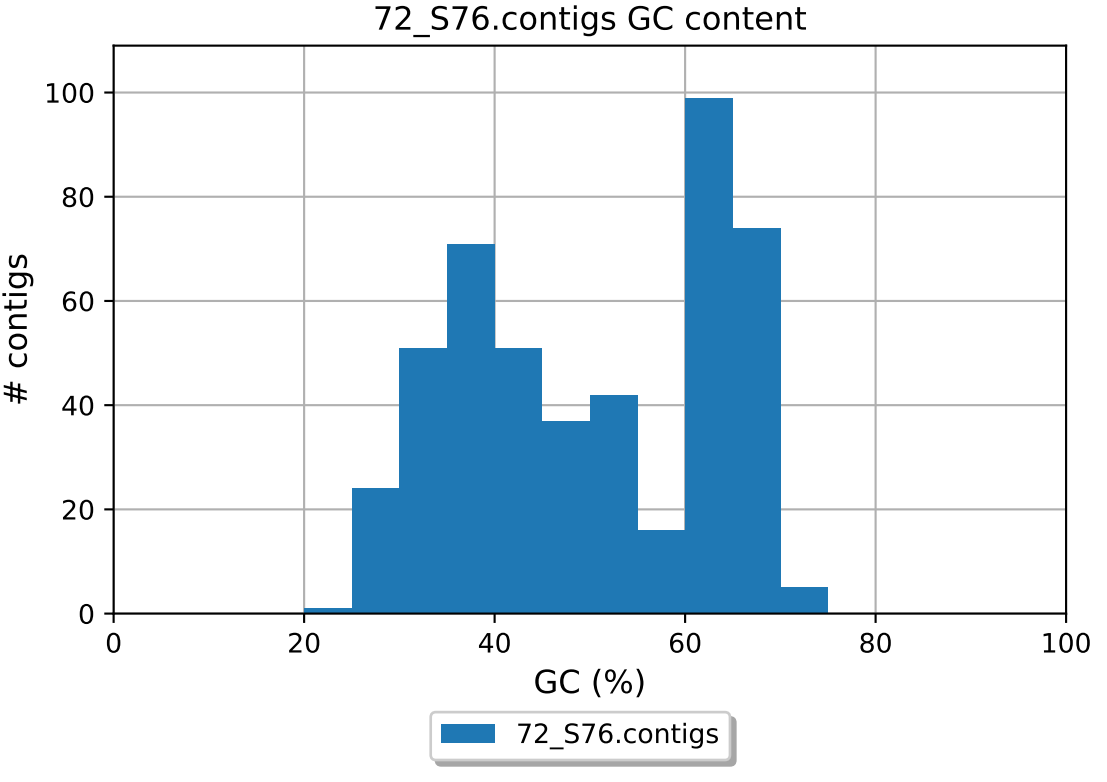

65_S20.contigs GC content
contigs
2000
1600
1200
800
400
0
0
20
40
60
80
100
GC (%)
65_S20.contigs

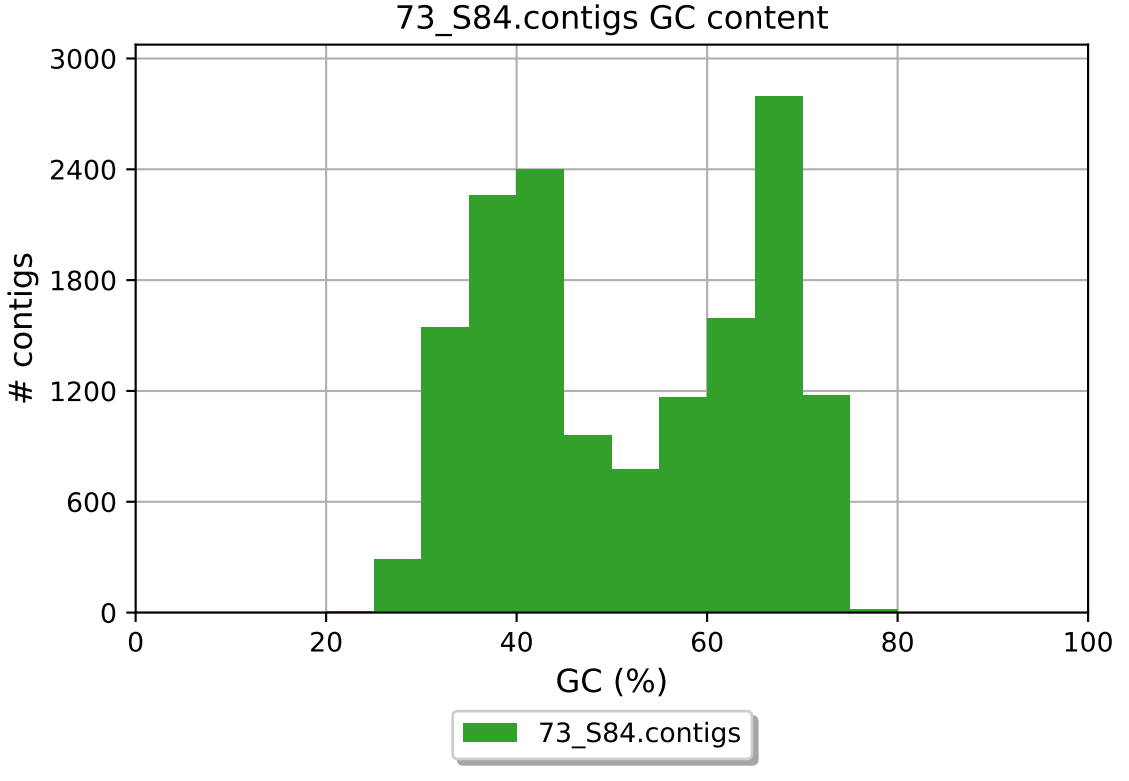

68_S44.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
68_S44.contigs

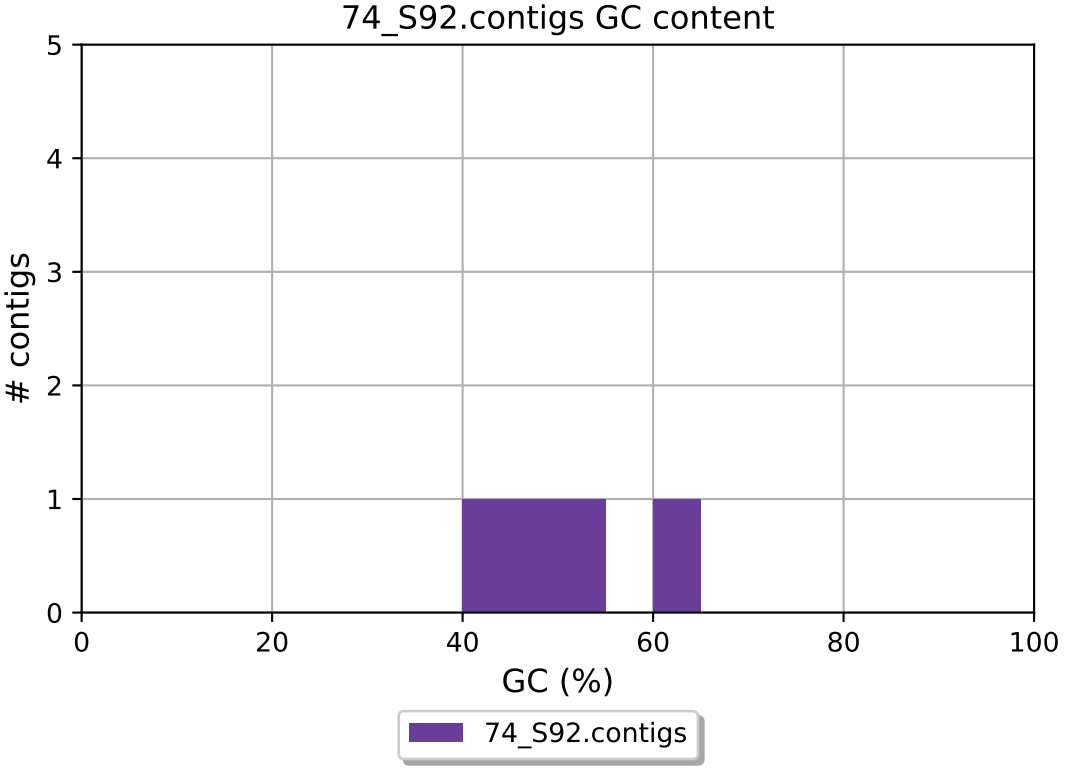

69_S52.contigs GC content
contigs
GC (%)
0
4
8
12
16
20
0
20
40
60
80
100
69_S52.contigs

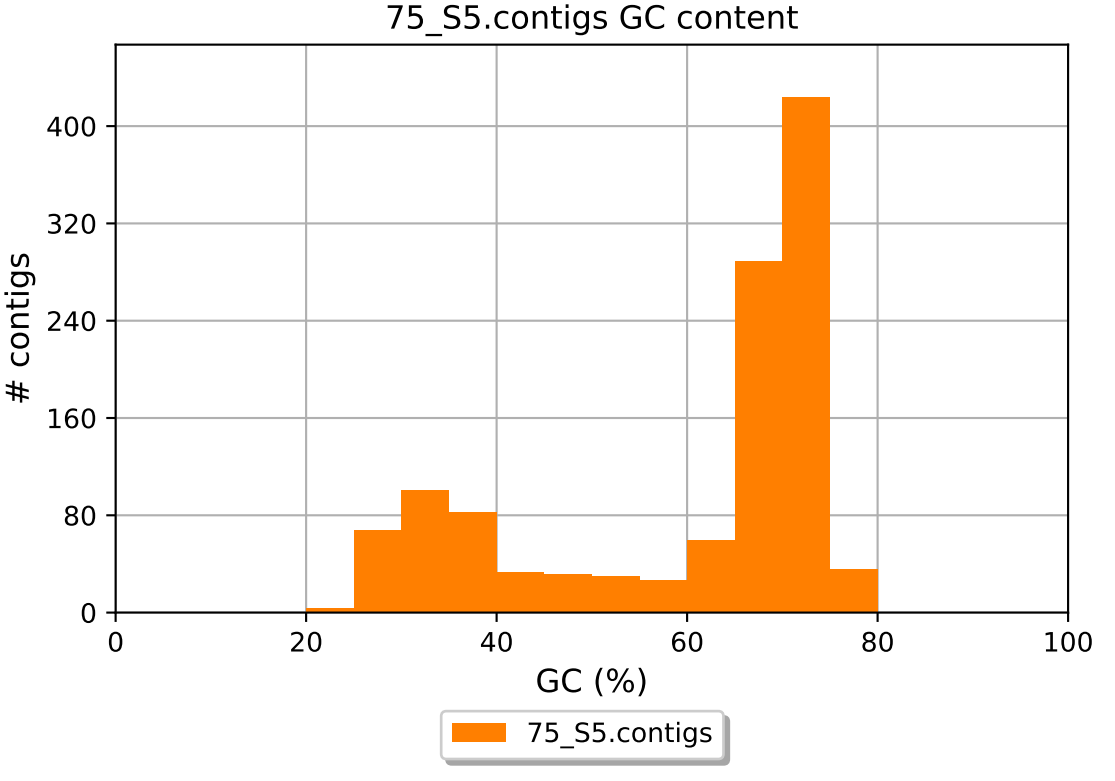

70_S60.contigs GC content
contigs
0
100
200
300
400
500
0
20
40
60
80
100
GC (%)
70_S60.contigs

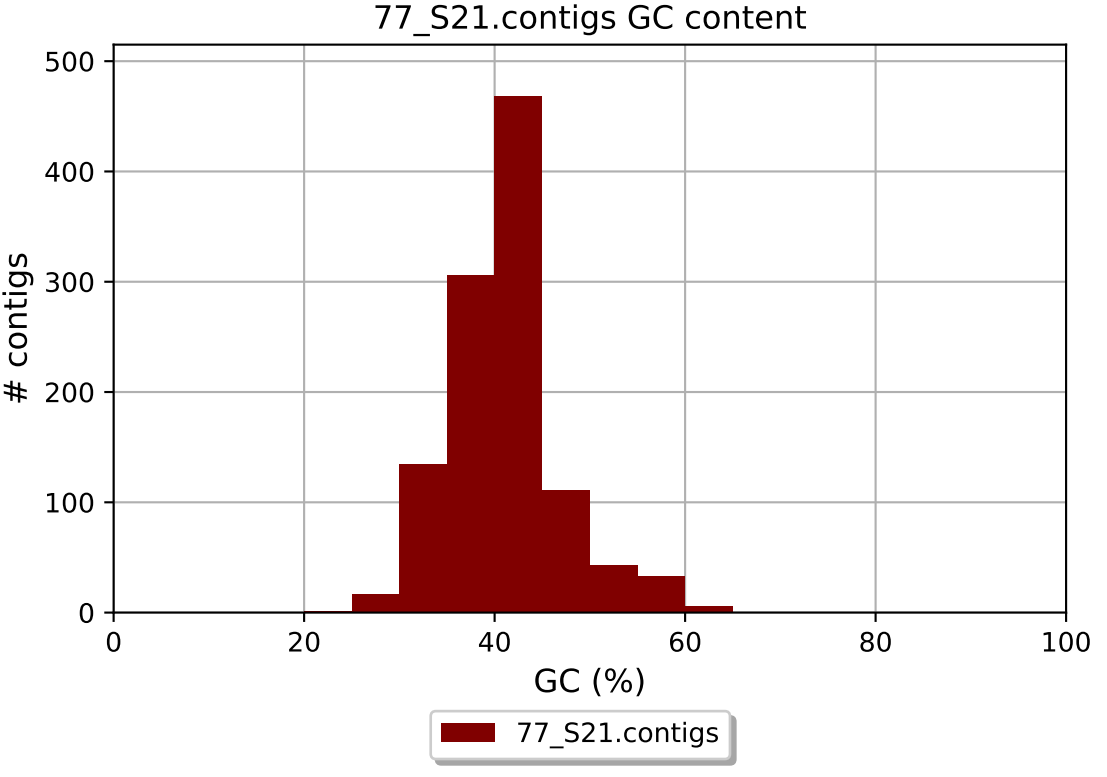

71_S68.contigs GC content
8
6
4
2
0
contigs
0
20
40
60
80
100
GC (%)
71_S68.contigs

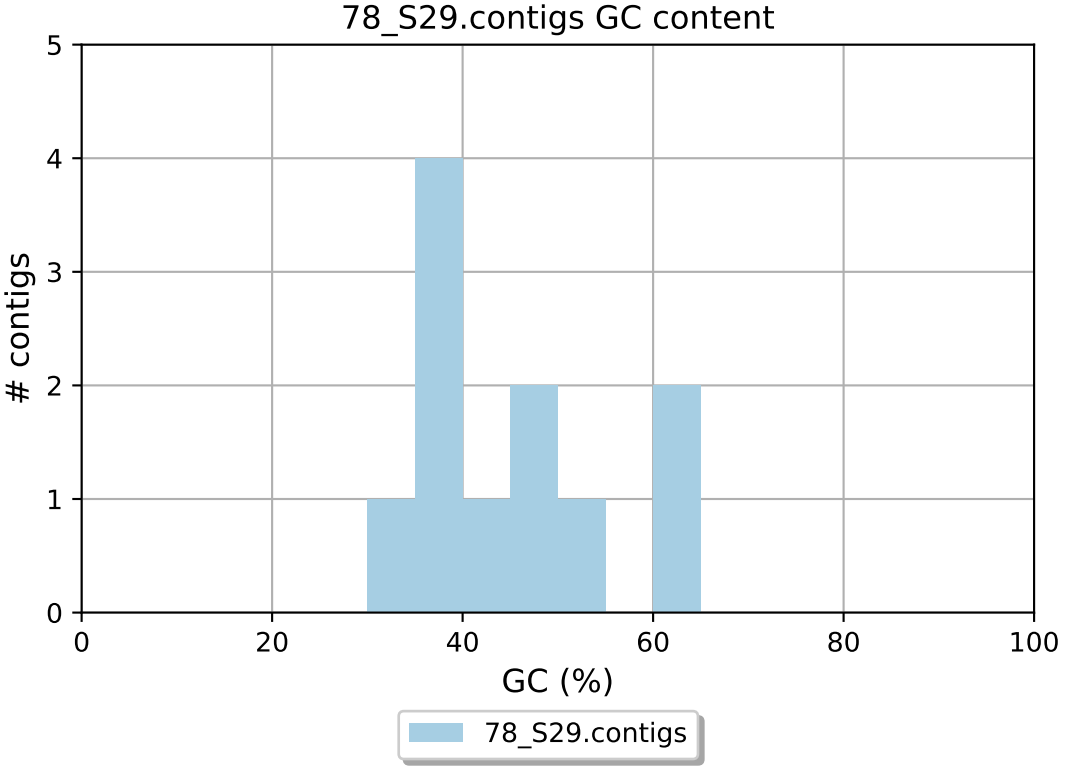

72_S76.contigs GC content
contigs
GC (%)
0
20
40
60
80
100
72_S76.contigs

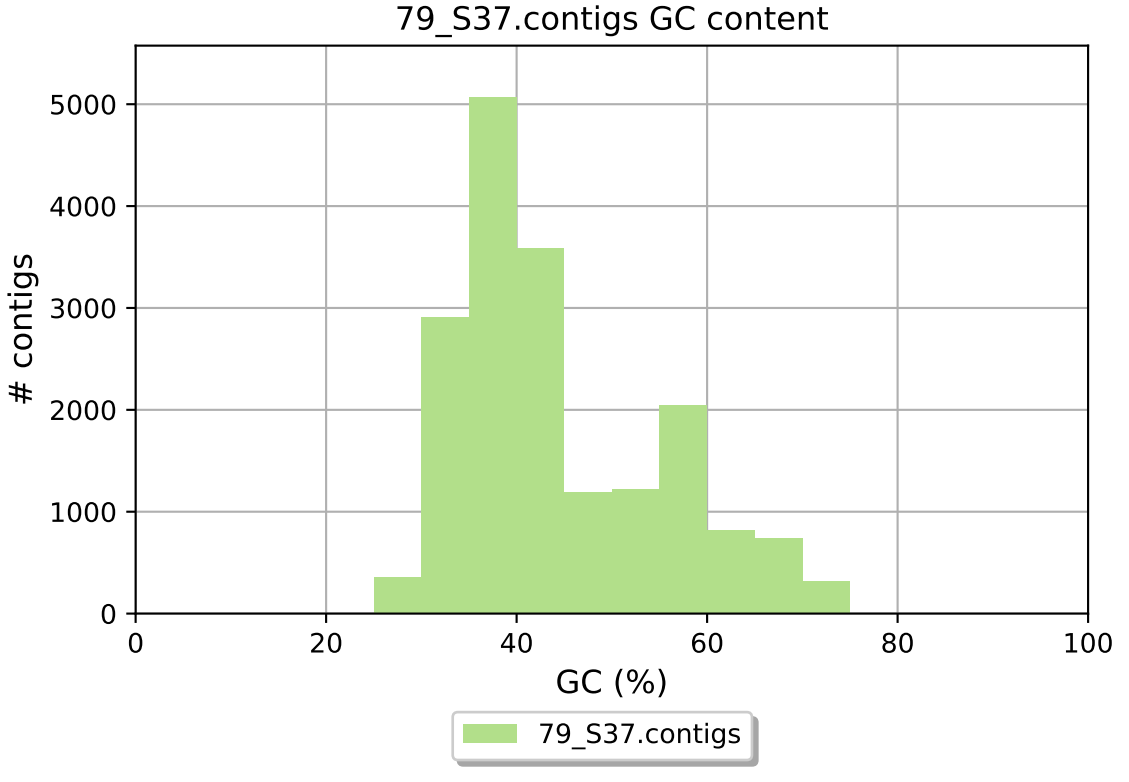

73_S84.contigs GC content
3000
2400
1800
1200
600
0
contigs
0
20
40
60
80
100
GC (%)
73_S84.contigs

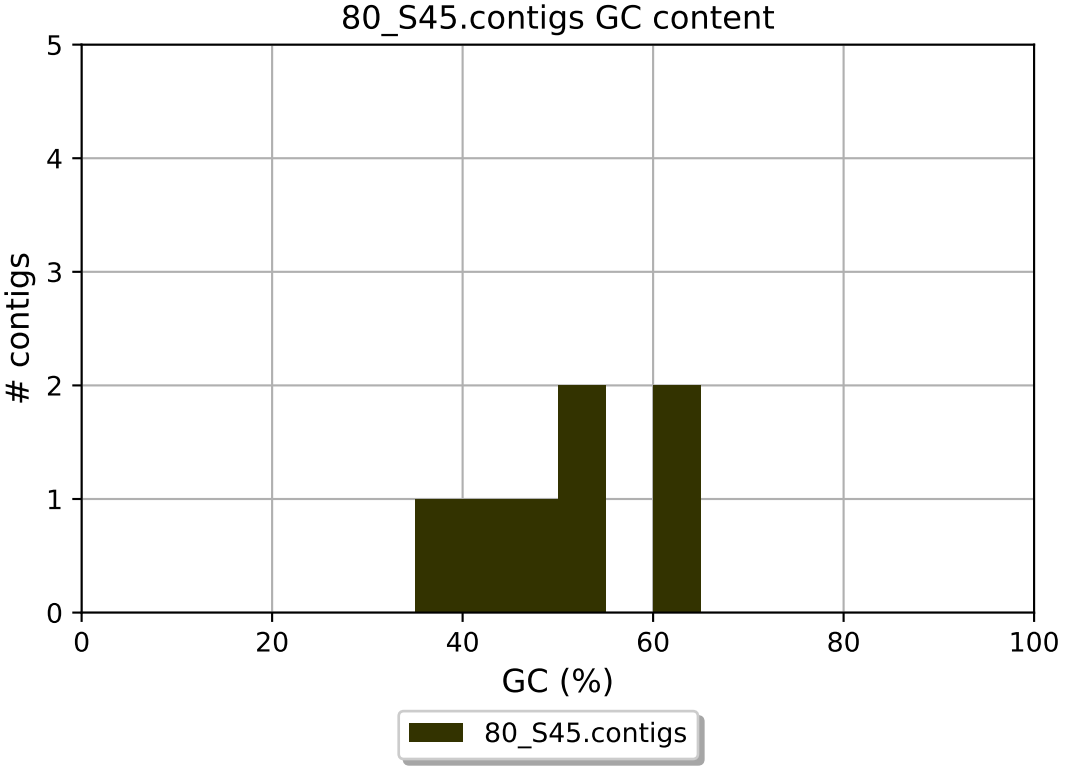

74_S92.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
74_S92.contigs

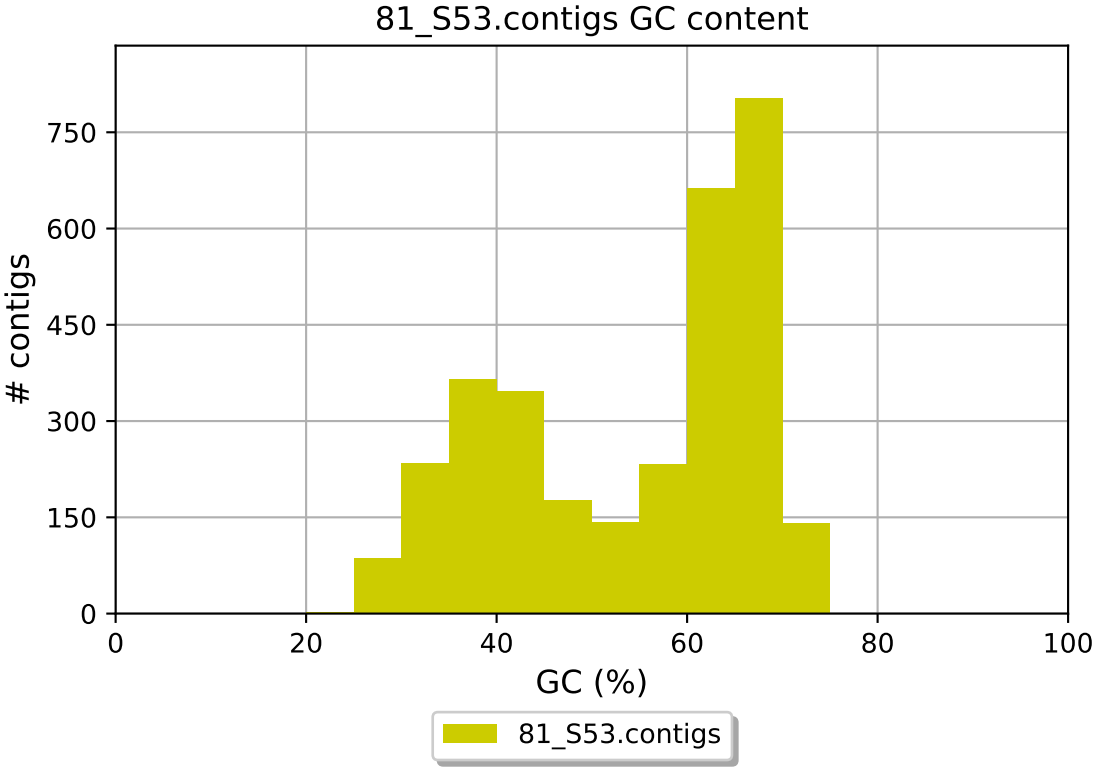

75_S5.contigs GC content
contigs
0
80
160
240
320
400
0
20
40
60
80
100
GC (%)
75_S5.contigs

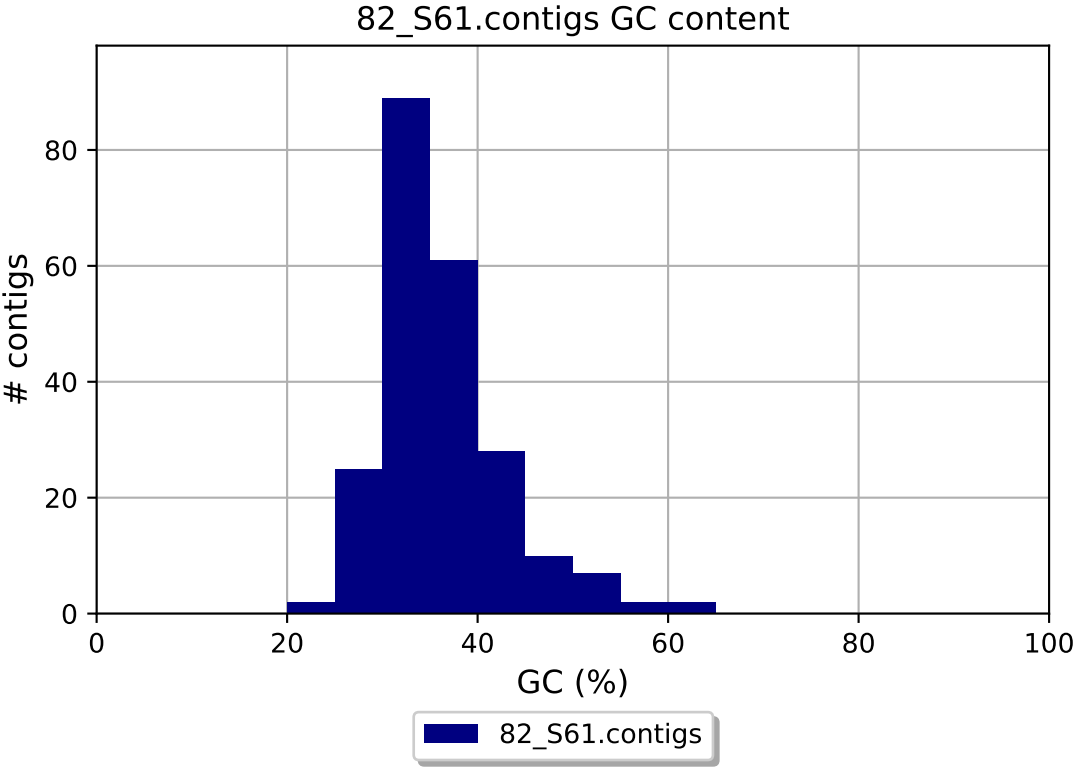

77_S21.contigs GC content
contigs
GC (%)
0
100
200
300
400
500
0
20
40
60
80
100
77_S21.contigs

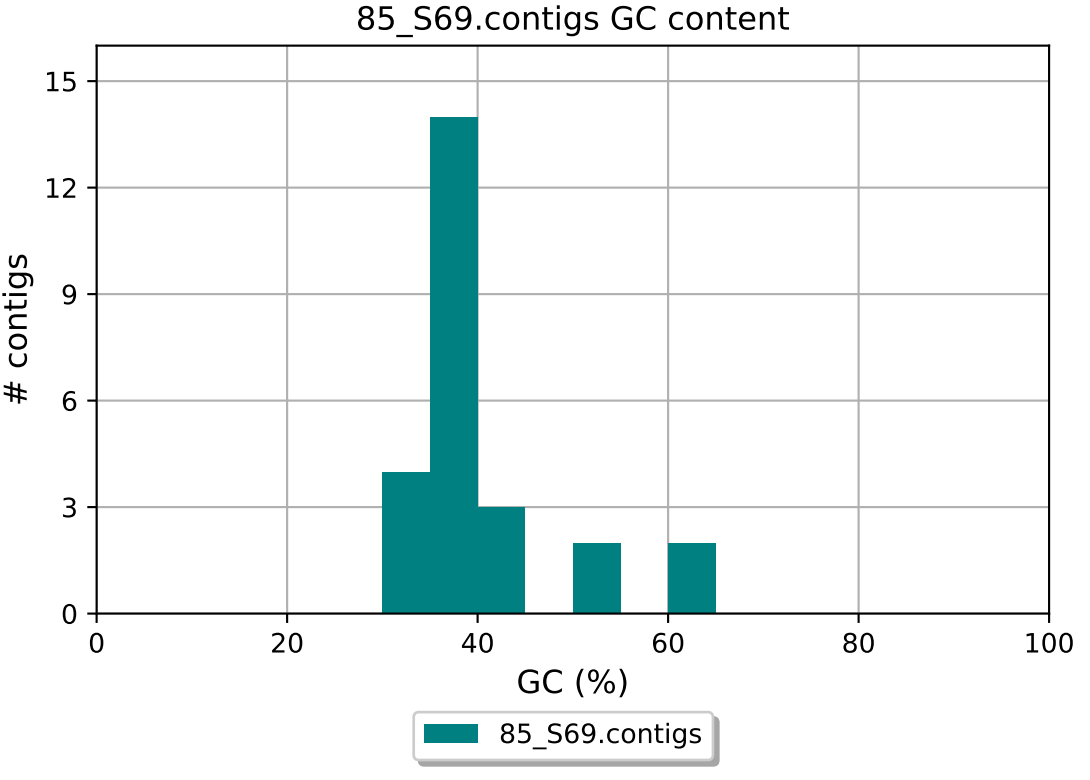

78_S29.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
78_S29.contigs

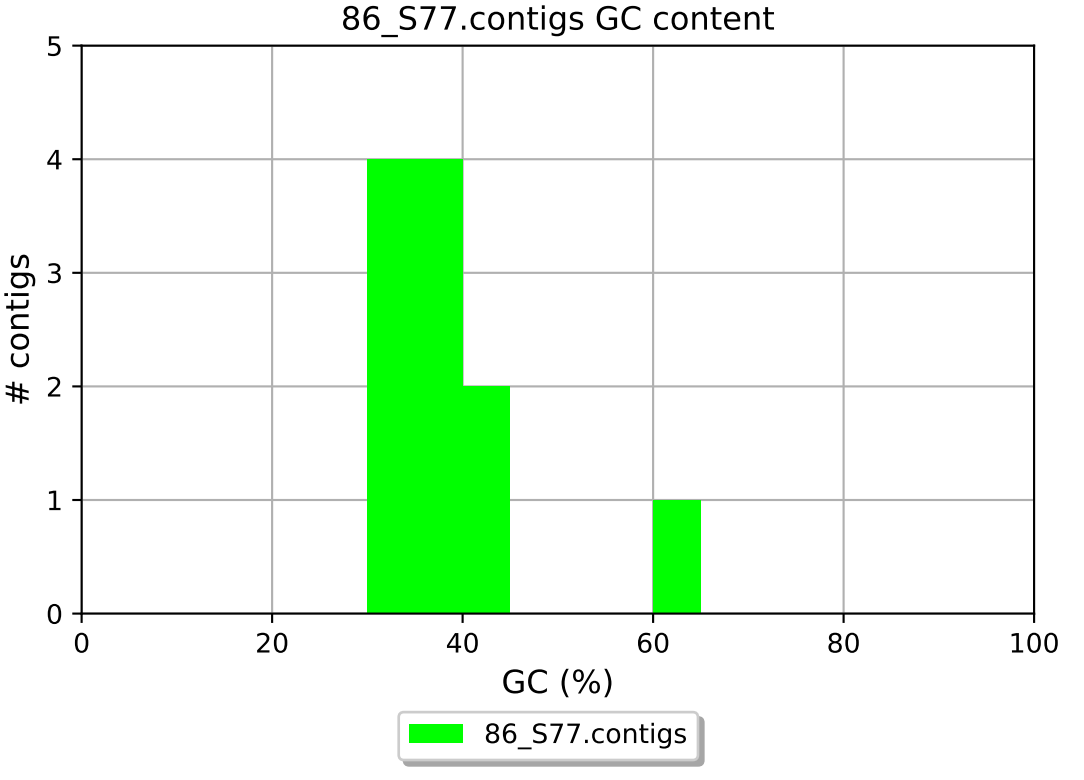

79_S37.contigs GC content
contigs
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
GC (%)
79_S37.contigs

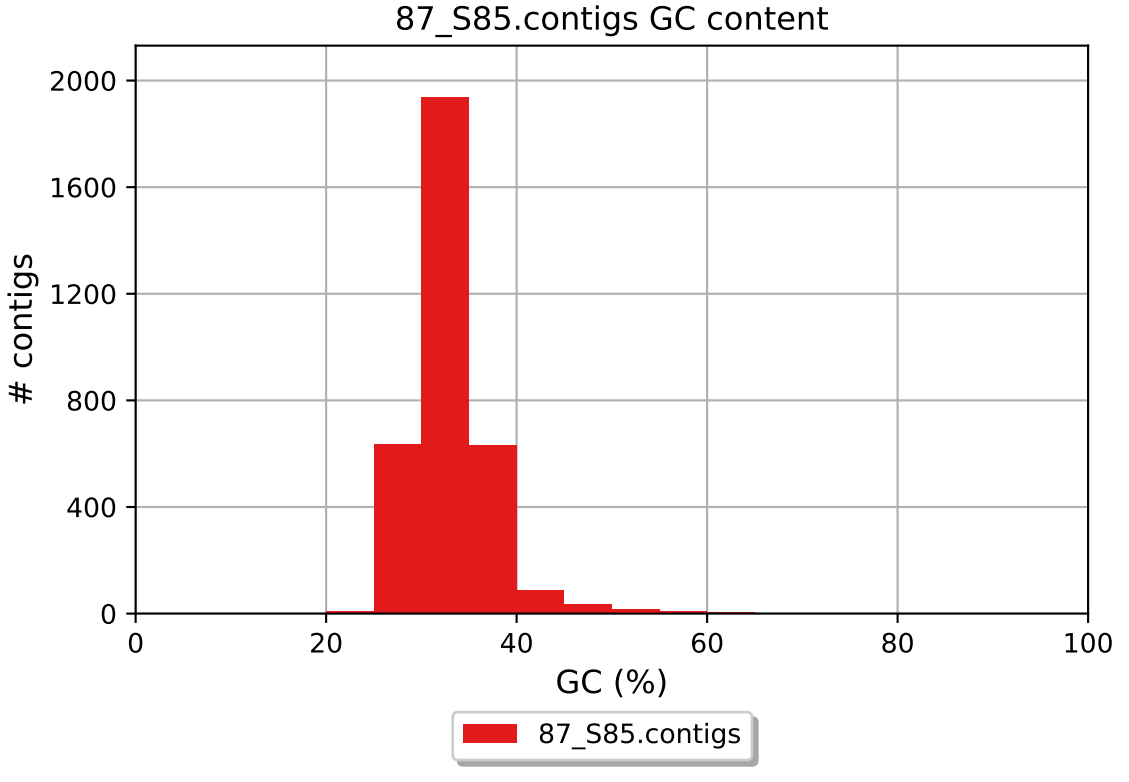

80_S45.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
80_S45.contigs

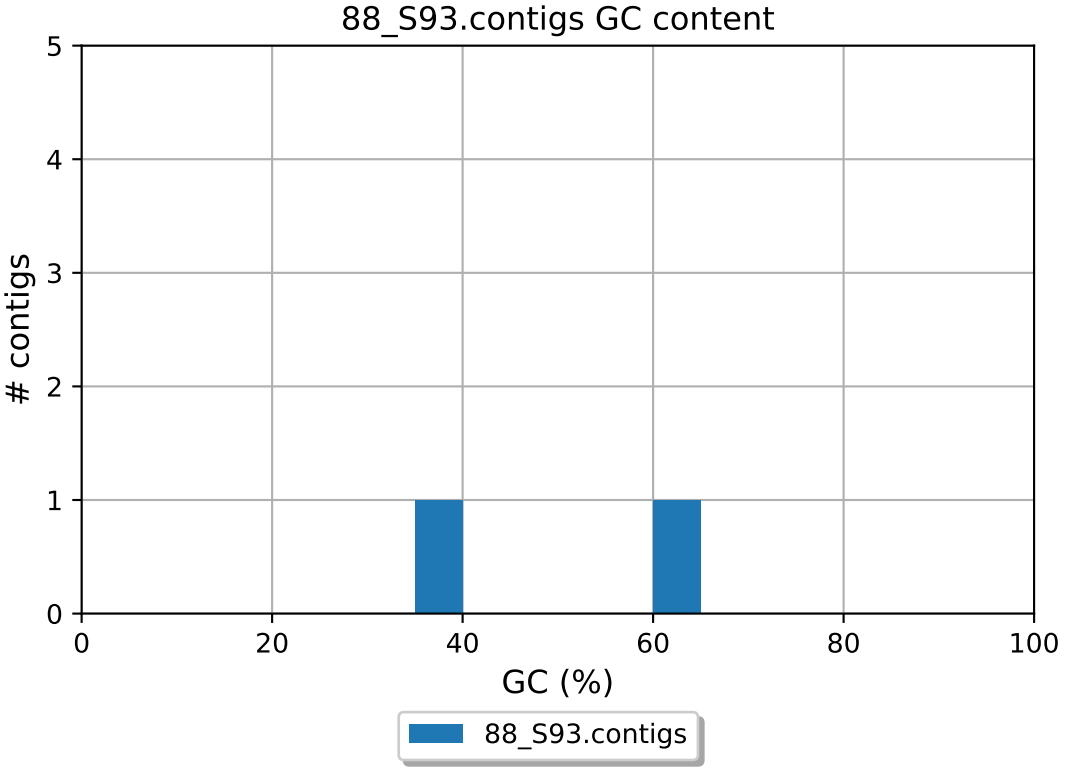

81_S53.contigs GC content
contigs
0
150
300
450
600
750
0
20
40
60
80
100
GC (%)
81_S53.contigs

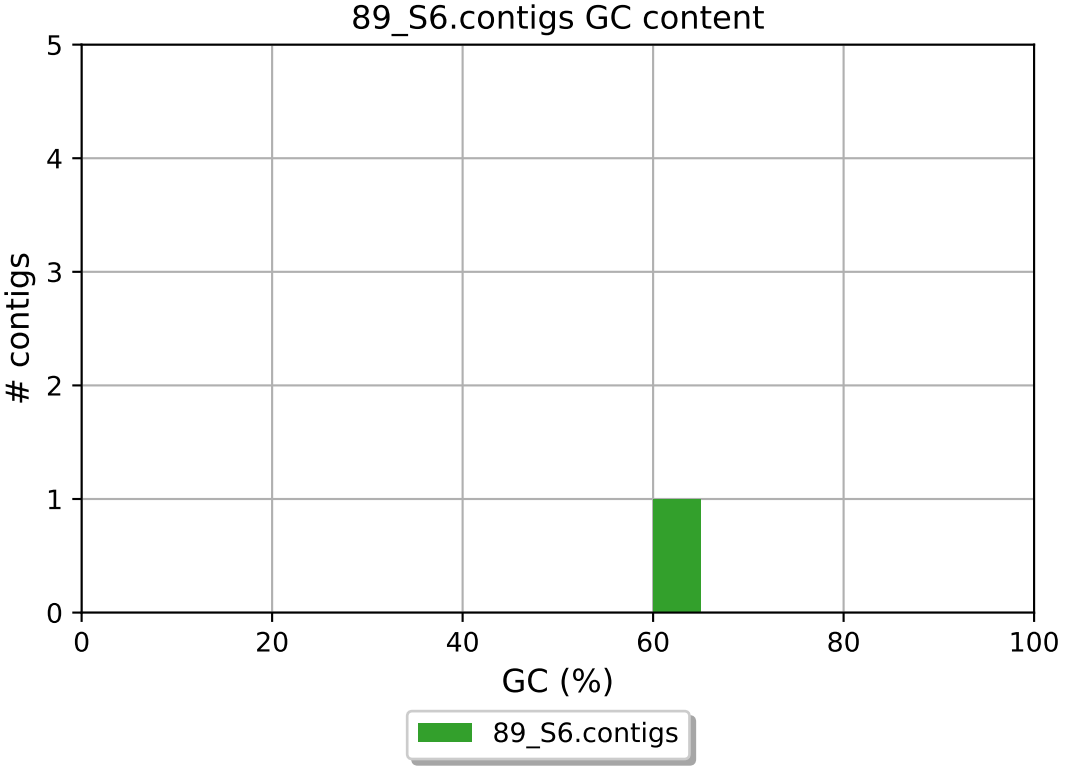

82_S61.contigs GC content
contigs
0
20
40
60
80
0
20
40
60
80
100
GC (%)
82_S61.contigs

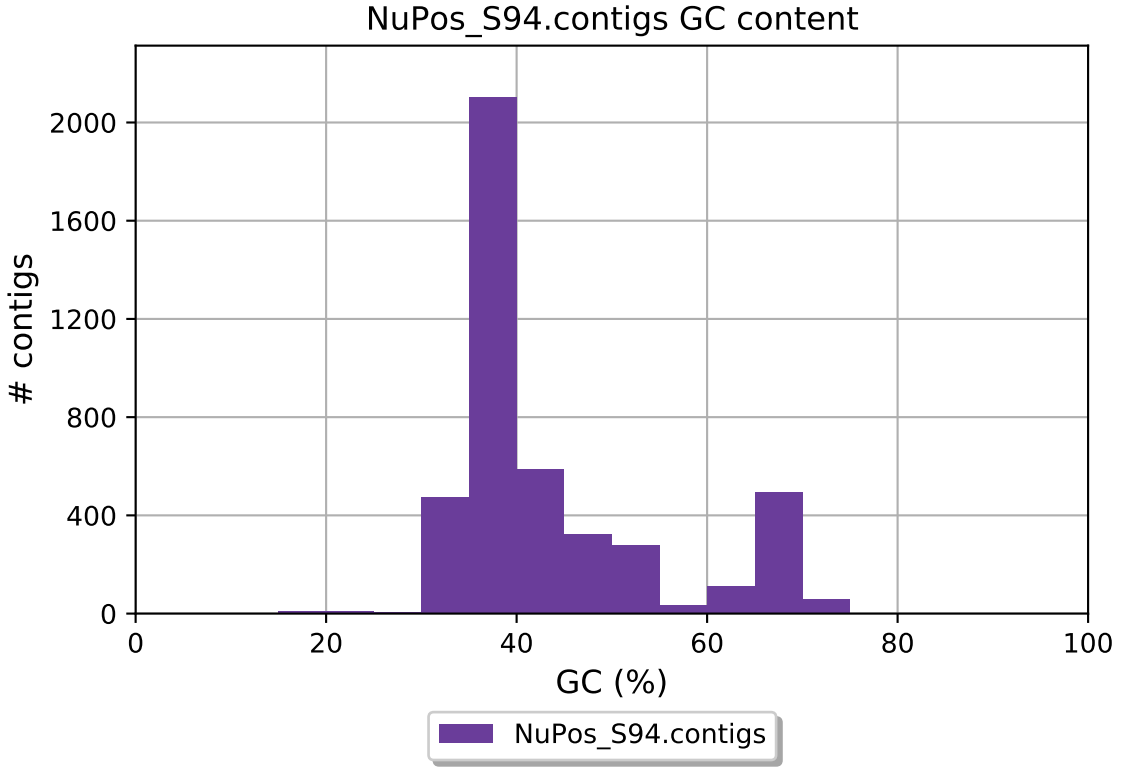

85_S69.contigs GC content
contigs
0
3
6
9
12
15
0
20
40
60
80
100
GC (%)
85_S69.contigs

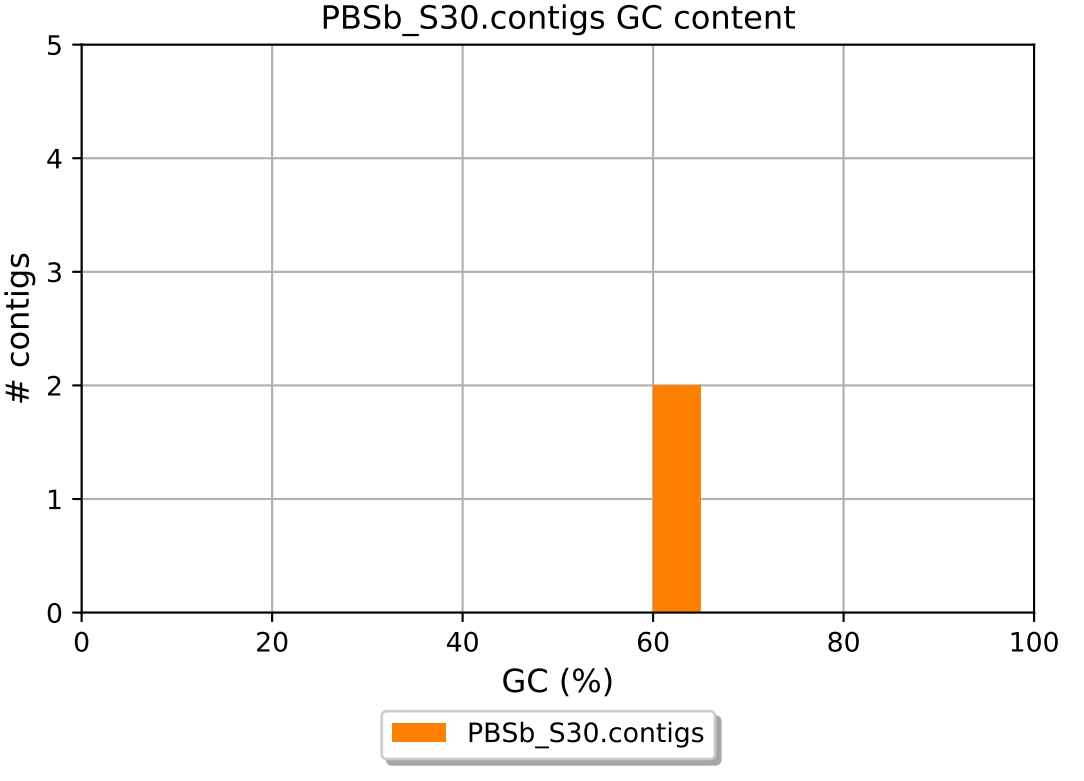

86_S77.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
86_S77.contigs

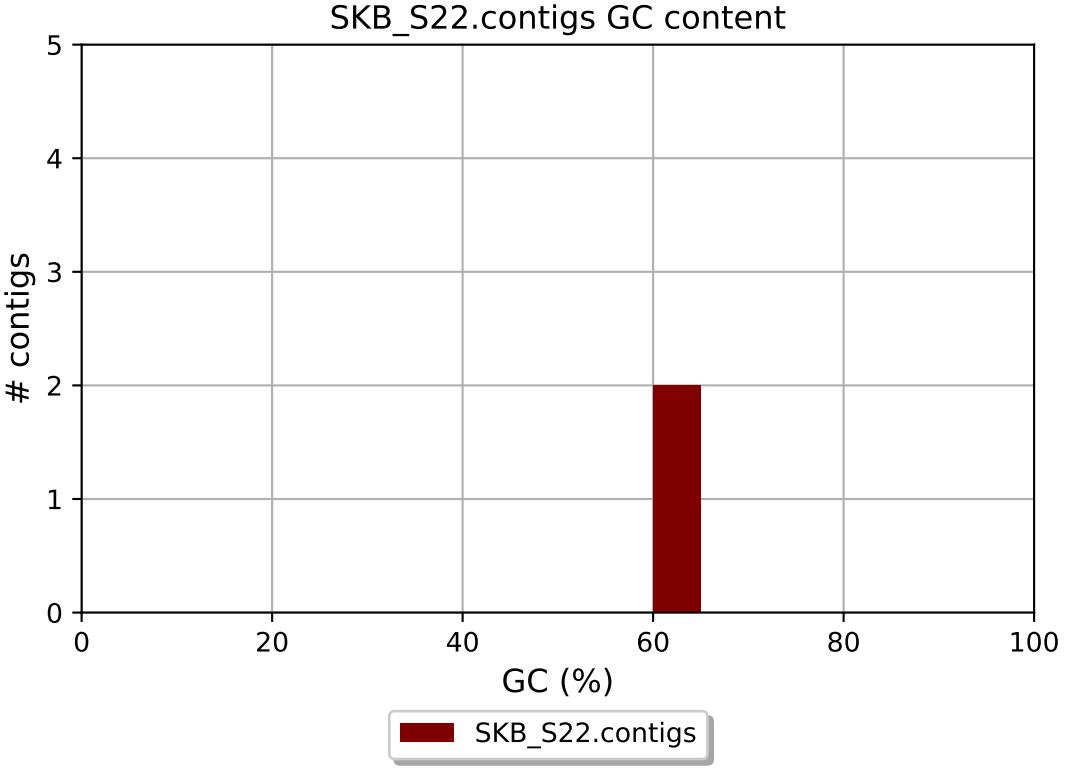

87_S85.contigs GC content
contigs
2000
1600
1200
800
400
0
0
20
40
60
80
100
GC (%)
87_S85.contigs

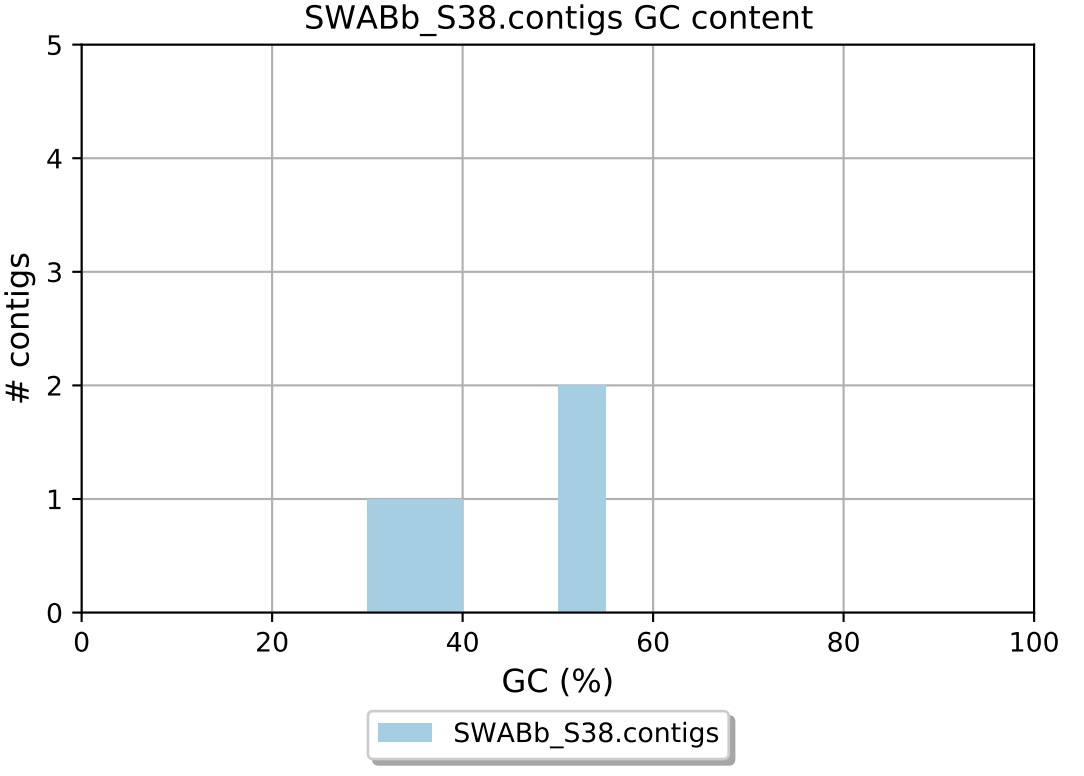

88_S93.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
88_S93.contigs

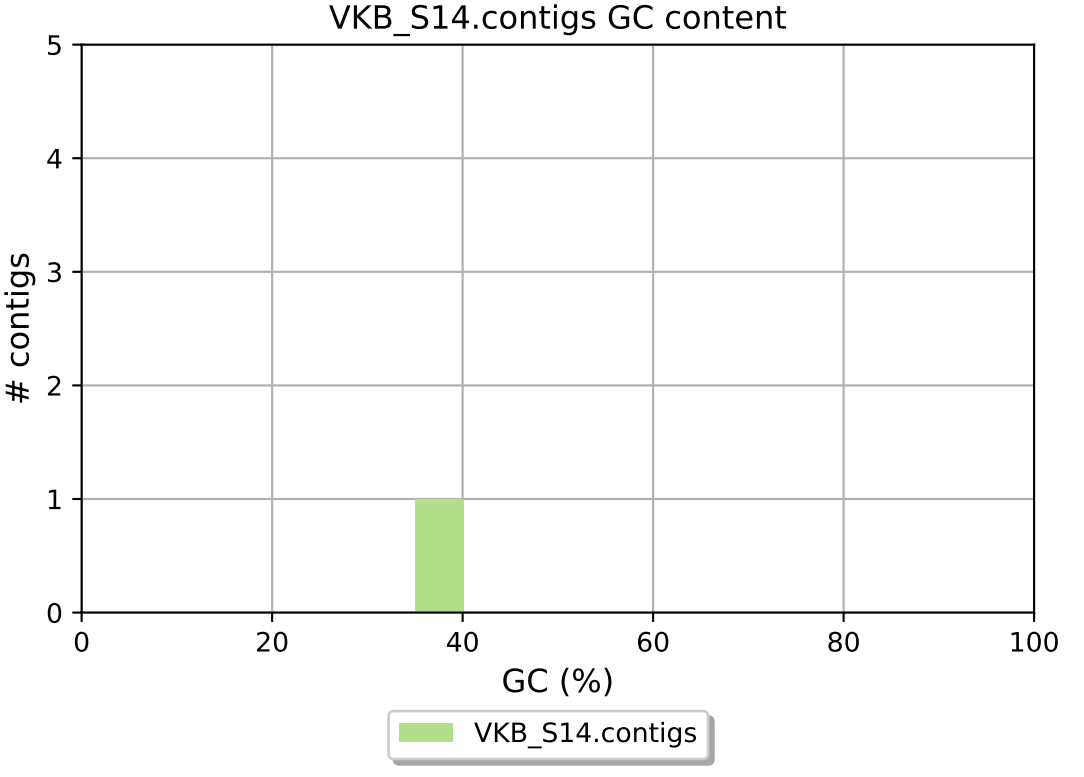

89_S6.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
89_S6.contigs


NuPos_S94.contigs GC content
contigs
2000
1600
1200
800
400
0
0
20
40
60
80
100
GC (%)
NuPos_S94.contigs


PBSb_S30.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
PBSb_S30.contigs


SKB_S22.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
SKB_S22.contigs


SWABb_S38.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
SWABb_S38.contigs


VKB_S14.contigs GC content
contigs
GC (%)
0
1
2
3
4
5
0
20
40
60
80
100
VKB_S14.contigs