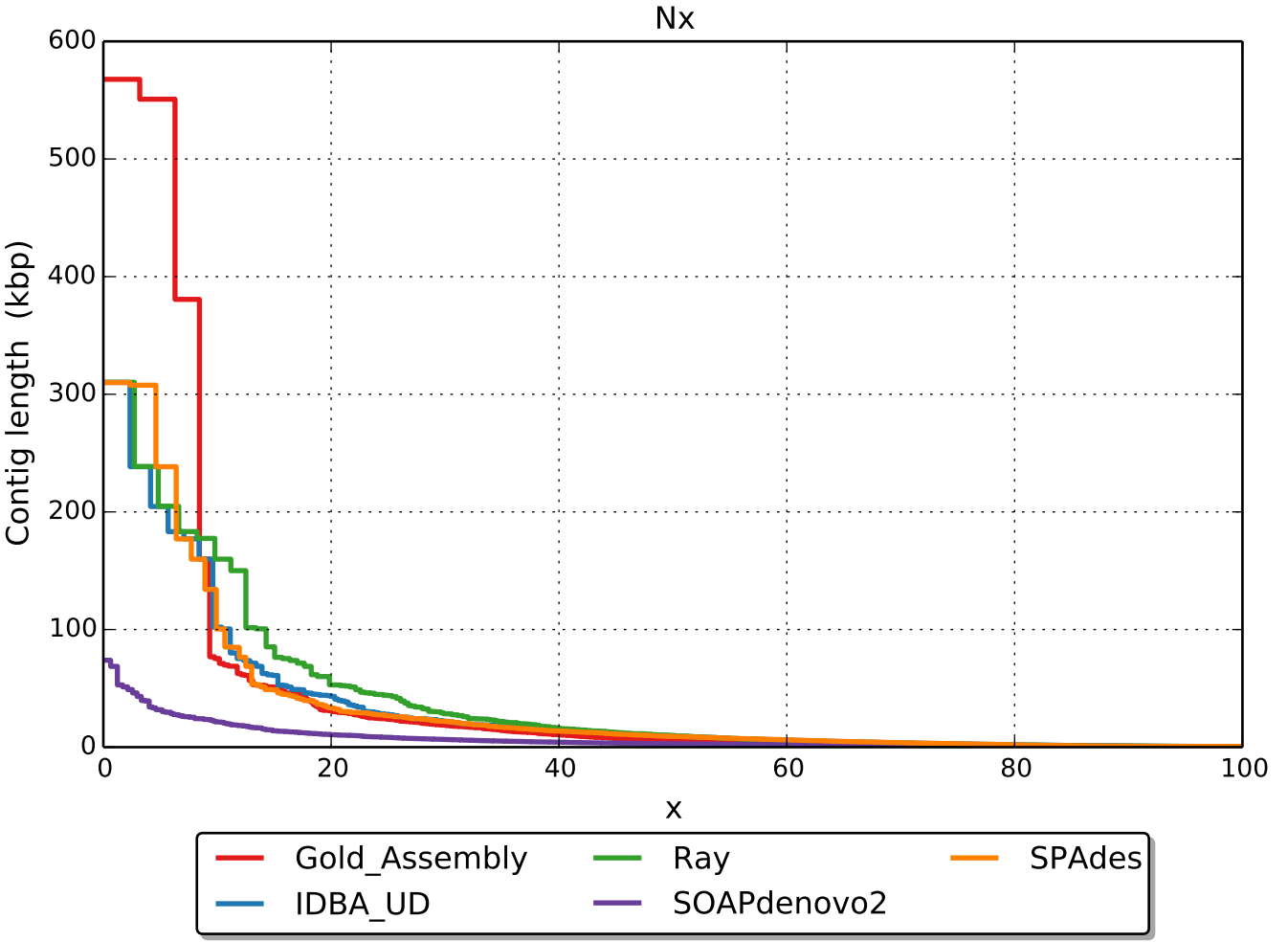
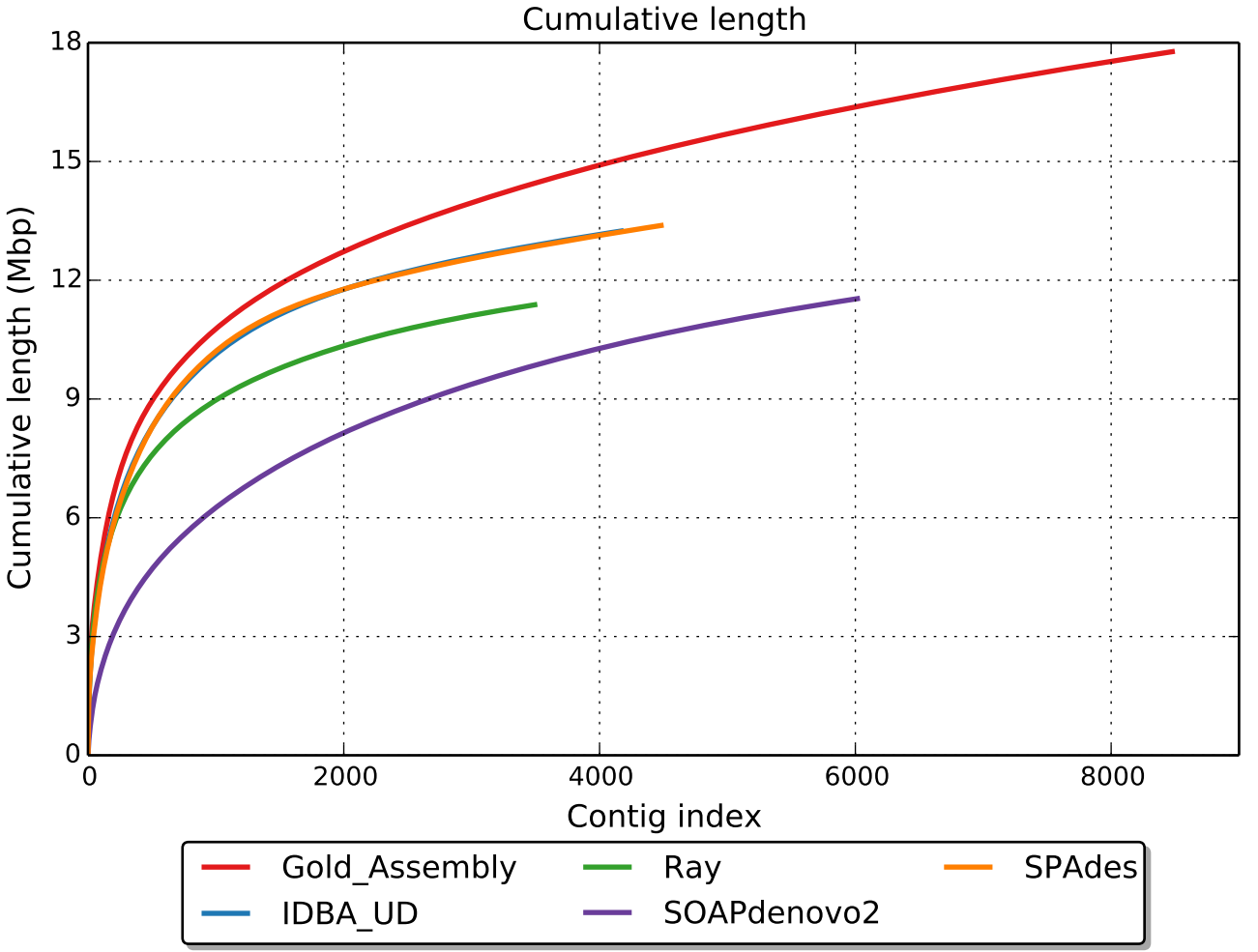
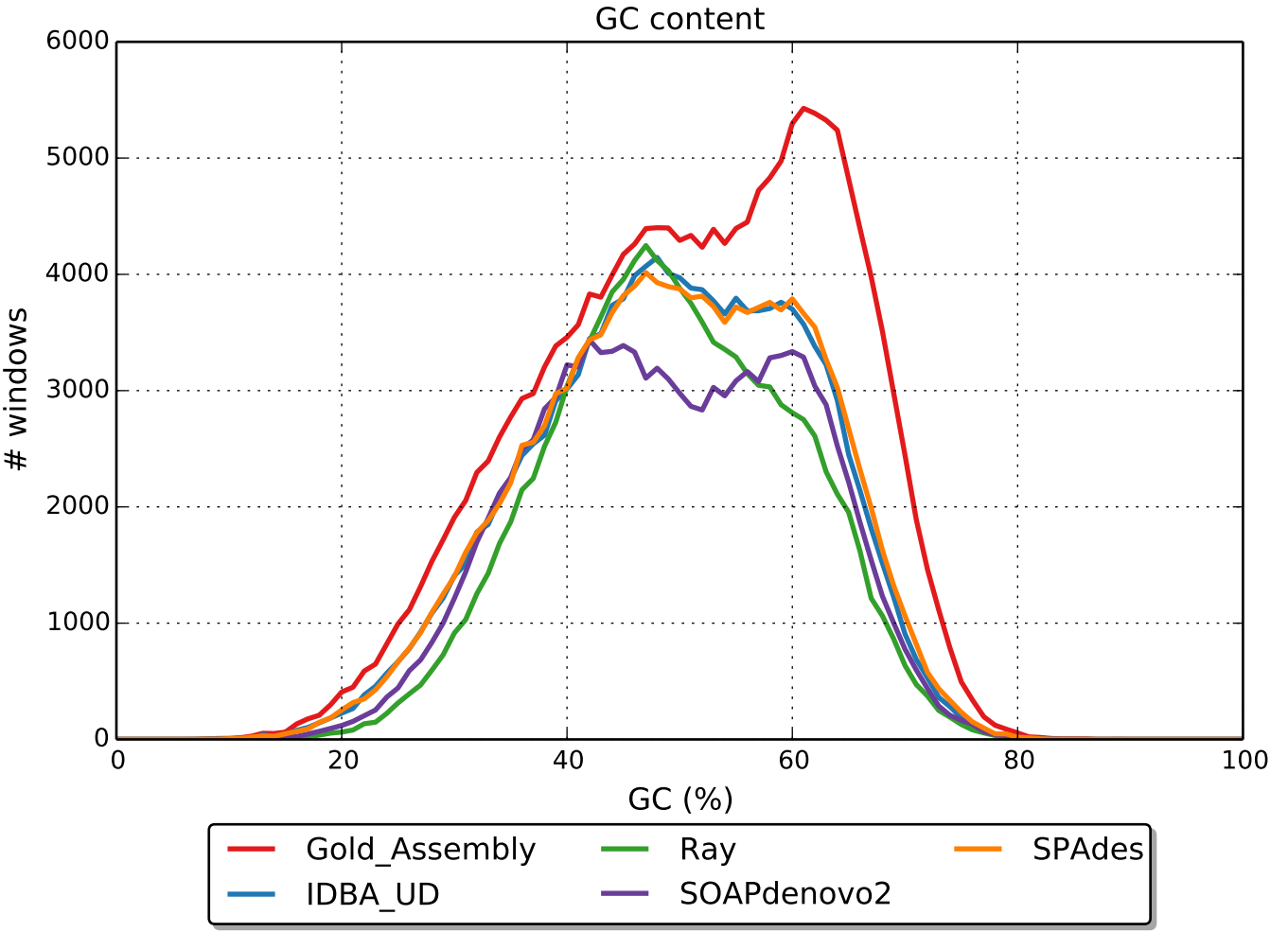
Report

	Gold_Assembly	IDBA_UD	Ray	SOAPdenovo2	SPAdes
# contigs (>= 1000 bp)	3245	2075	1980	3132	1957
# contigs (>= 5000 bp)	503	531	399	377	562
# contigs (>= 10000 bp)	260	251	189	136	252
# contigs (>= 25000 bp)	63	58	55	25	64
# contigs (>= 50000 bp)	21	19	23	4	14
Total length (>= 1000 bp)	14210192	11849172	10323715	9508497	11734531
Total length (>= 5000 bp)	8966281	8447581	7127068	4152301	8610887
Total length (>= 10000 bp)	7268632	6499940	5672113	2521846	6409942
Total length (>= 25000 bp)	4132804	3552276	3645129	923900	3565693
Total length (>= 50000 bp)	2695602	2185932	2519902	246698	1900337
# contigs	8478	4169	3493	6016	4481
Largest contig	567728	310067	310180	73874	309980
Total length	17773626	13243040	11380695	11534814	13383083
GC (%)	51.04	49.26	49.27	49.10	49.49
N50	5203	9679	9920	2860	9182
N75	1240	2864	2490	1273	2896
L50	488	264	191	817	282
L75	2450	928	804	2371	939
# N's per 100 kbp	0.00	0.00	11.79	42.78	7.44

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)
600
500
400
300
200
100
0
0
20
40
60
80
100
x
Gold_Assembly
IDBA_UD
Ray
SOAPdenovo2
SPAdes


Cumulative length
Cumulative length (Mbp)
Contig index
0
3
6
9
12
15
18
0
2000
4000
6000
8000
Gold_Assembly
IDBA_UD
Ray
SOAPdenovo2
SPAdes


GC content
windows
GC (%)
0
1000
2000
3000
4000
5000
6000
0
20
40
60
80
100
Gold_Assembly
IDBA_UD
Ray
SOAPdenovo2
SPAdes