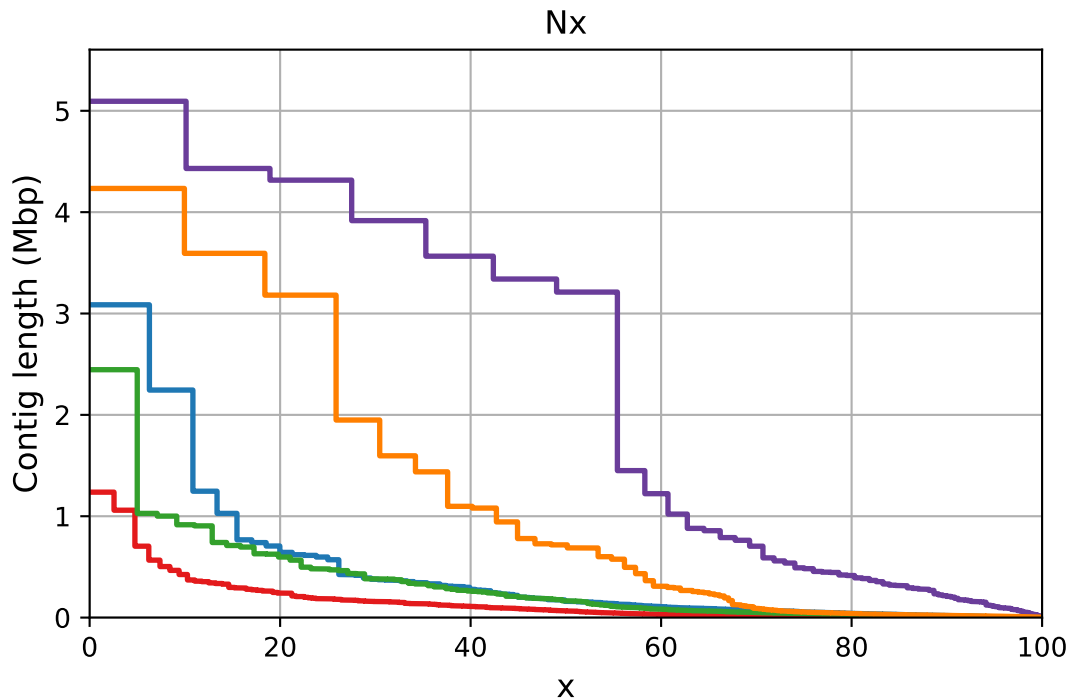


## Report

	illumina_only_contigs	nano_hybrid_contigs	pacbio_hybrid_contigs	nanopore_only_assembly	pacbio_only_assembly
# contigs (>= 0 bp)	5034	2910	3113	114	639
# contigs (>= 1000 bp)	2683	1241	1440	114	638
# contigs (>= 5000 bp)	1507	748	886	110	601
# contigs (>= 10000 bp)	908	547	669	107	473
# contigs (>= 25000 bp)	356	344	373	94	228
# contigs (>= 50000 bp)	168	206	180	79	85
Total length (>= 0 bp)	48713109	49494182	49247532	50304719	42544438
Total length (>= 1000 bp)	48024138	48990172	48748480	50304719	42543797
Total length (>= 5000 bp)	45039977	47811996	47392973	50292158	42402049
Total length (>= 10000 bp)	40698843	46367247	45795339	50271169	41439501
Total length (>= 25000 bp)	32064762	42916468	41033745	50053279	37375471
Total length (>= 50000 bp)	25741575	38003436	34263664	49541100	32499863
# contigs	3078	1485	1667	114	639
Largest contig	1237485	3086017	2445666	5093999	4233810
Total length	48309156	49167765	48914452	50304719	42544438
GC (%)	60.53	60.57	60.51	60.37	57.99
N50	66552	160252	164491	3211435	717392
N90	6764	20204	15245	209268	21592
auN	166910.9	524069.5	374447.1	2505949.4	1362344.0
L50	141	55	60	7	12
L90	1244	404	526	42	268
# N's per 100 kbp	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).



illumina\_only\_contigs

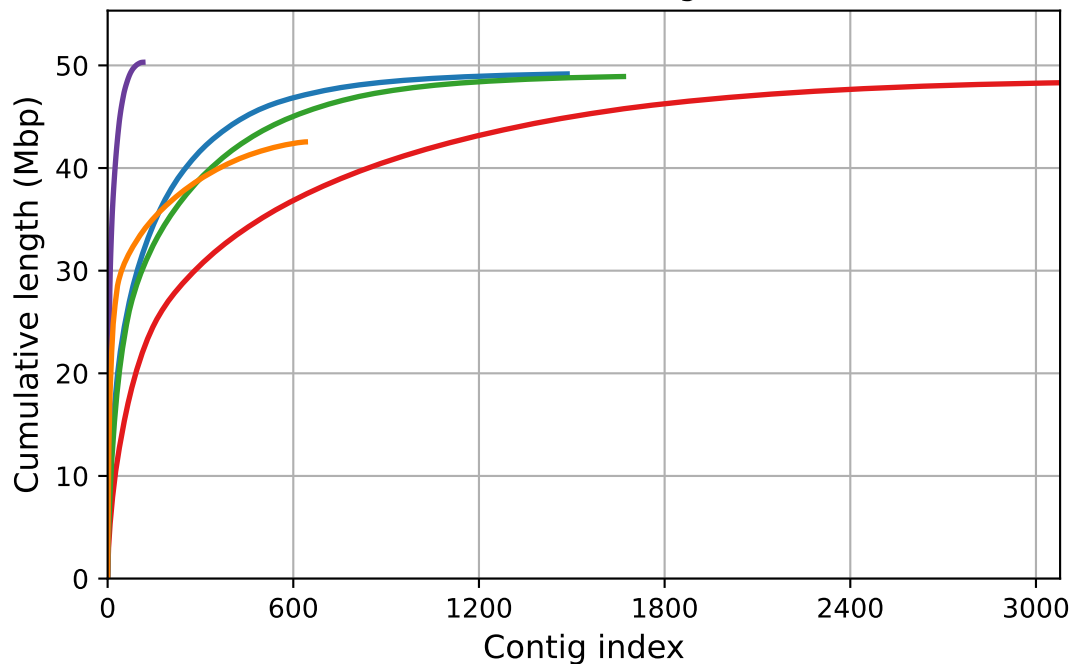
pacbio\_hybrid\_contigs

pacbio\_only\_assembly

nano\_hybrid\_contigs

nanopore\_only\_assembly

Cumulative length



illumina\_only\_contigs

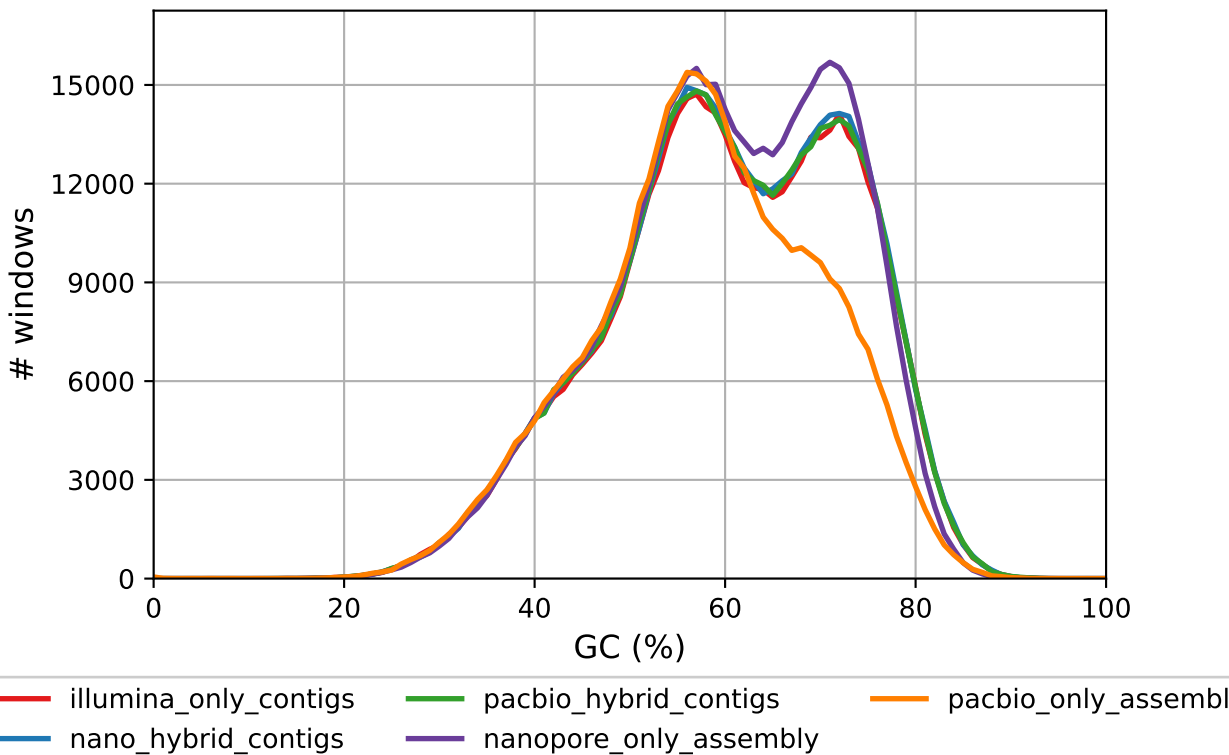
pacbio\_hybrid\_contigs

pacbio\_only\_assembly

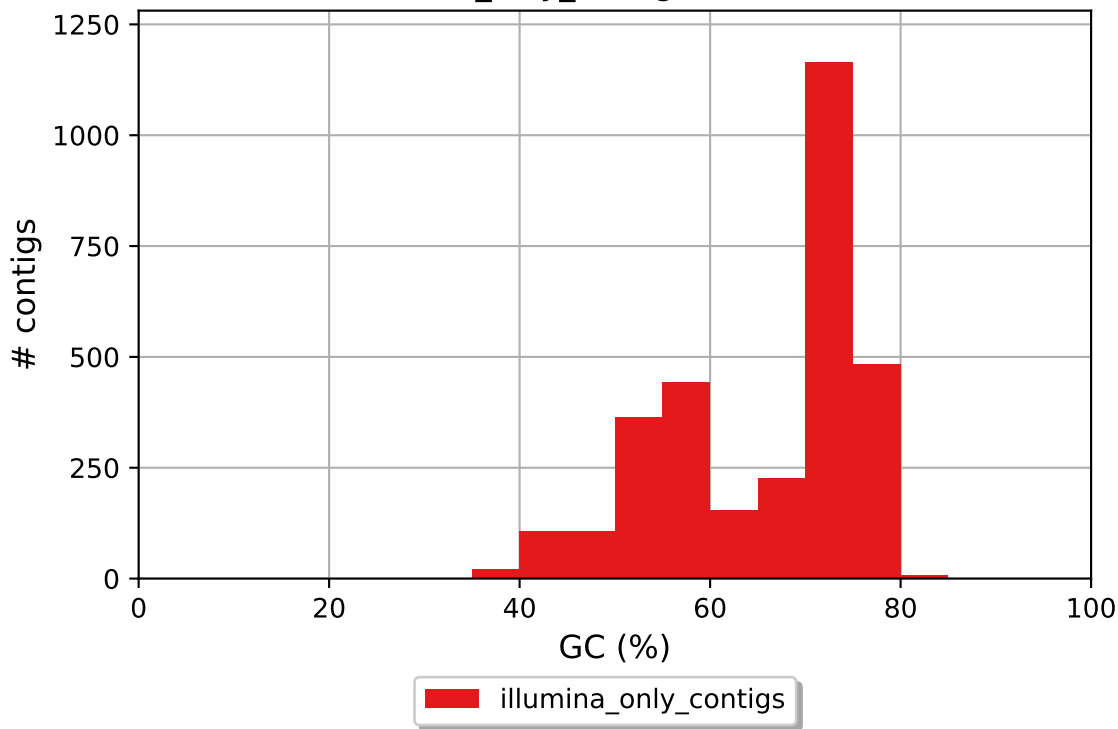
nano\_hybrid\_contigs

nanopore\_only\_assembly

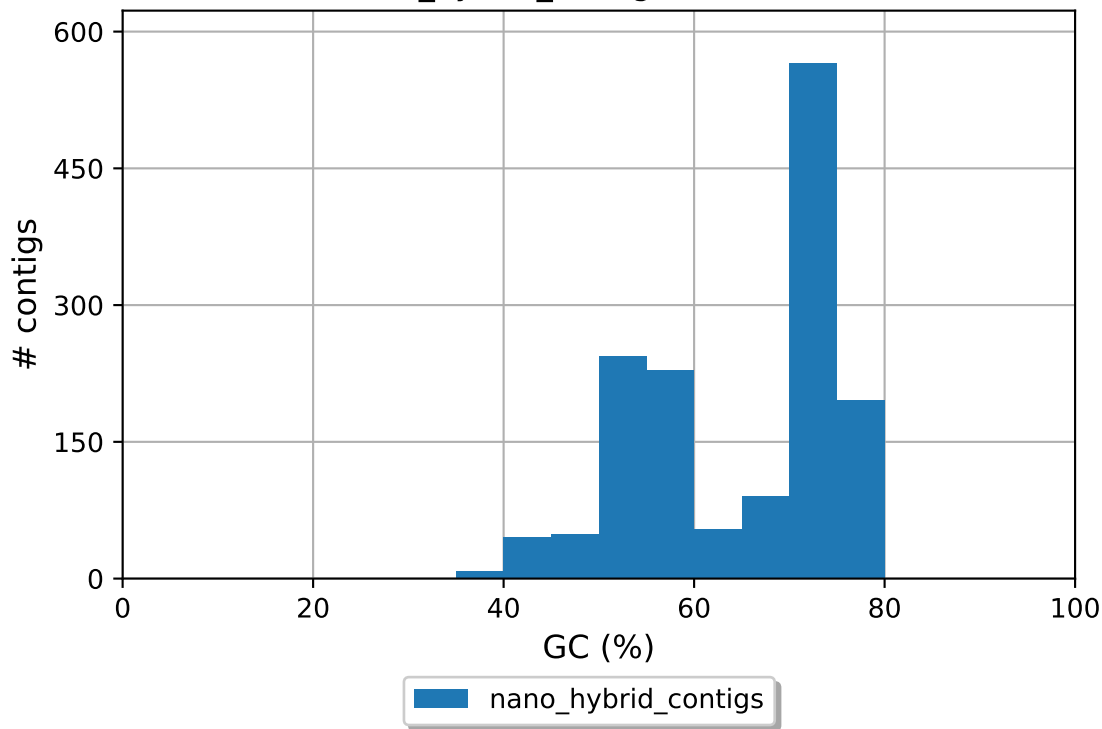
GC content



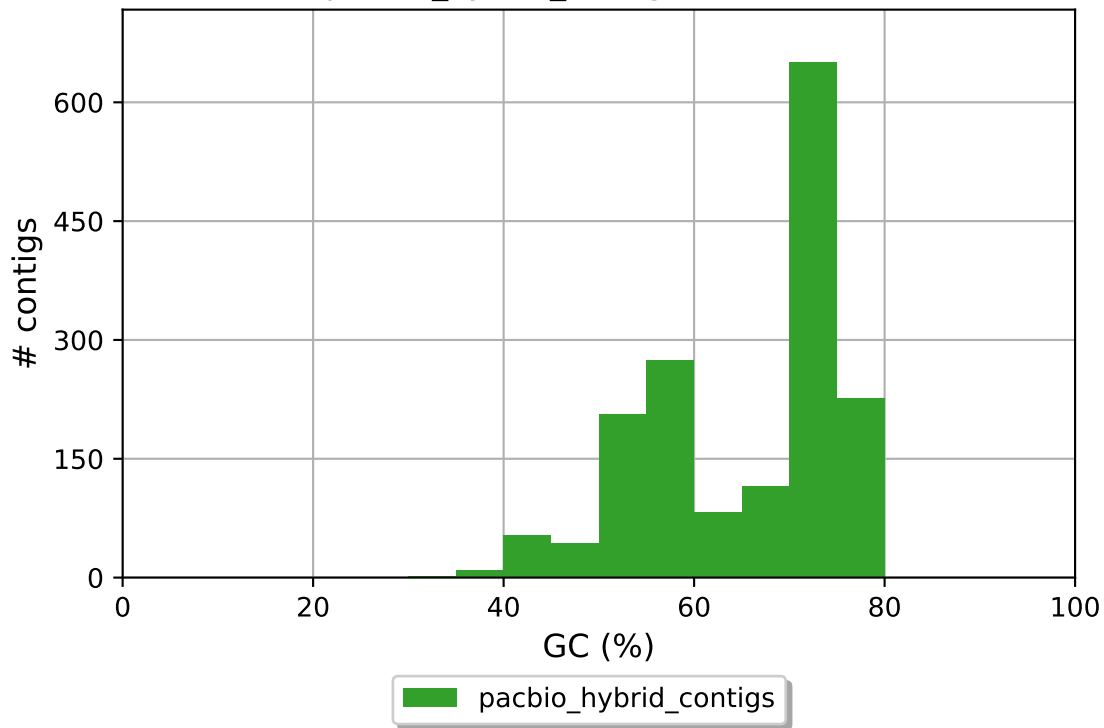
illumina\_only\_contigs GC content



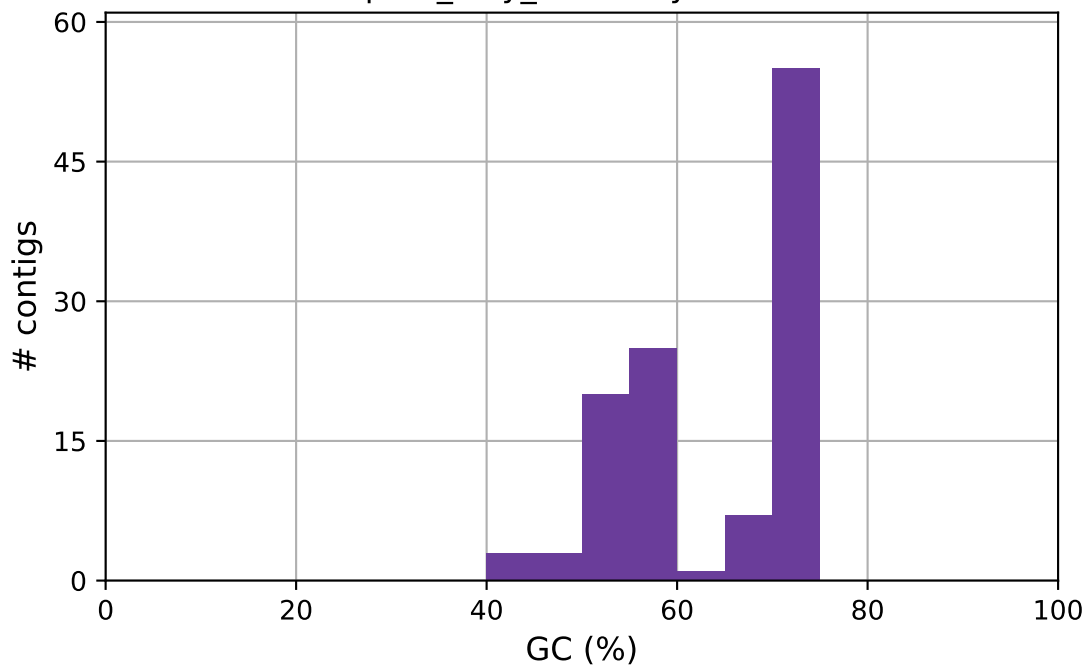
nano\_hybrid\_contigs GC content



pacbio\_hybrid\_contigs GC content



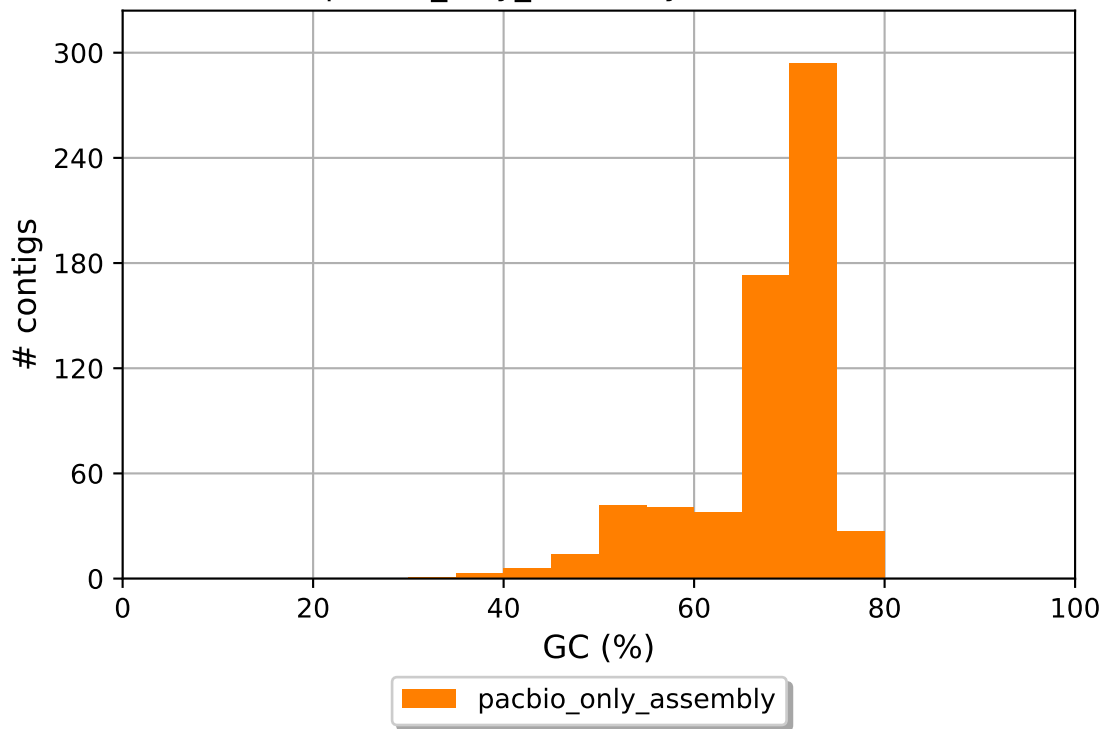
nanopore\_only\_assembly GC content



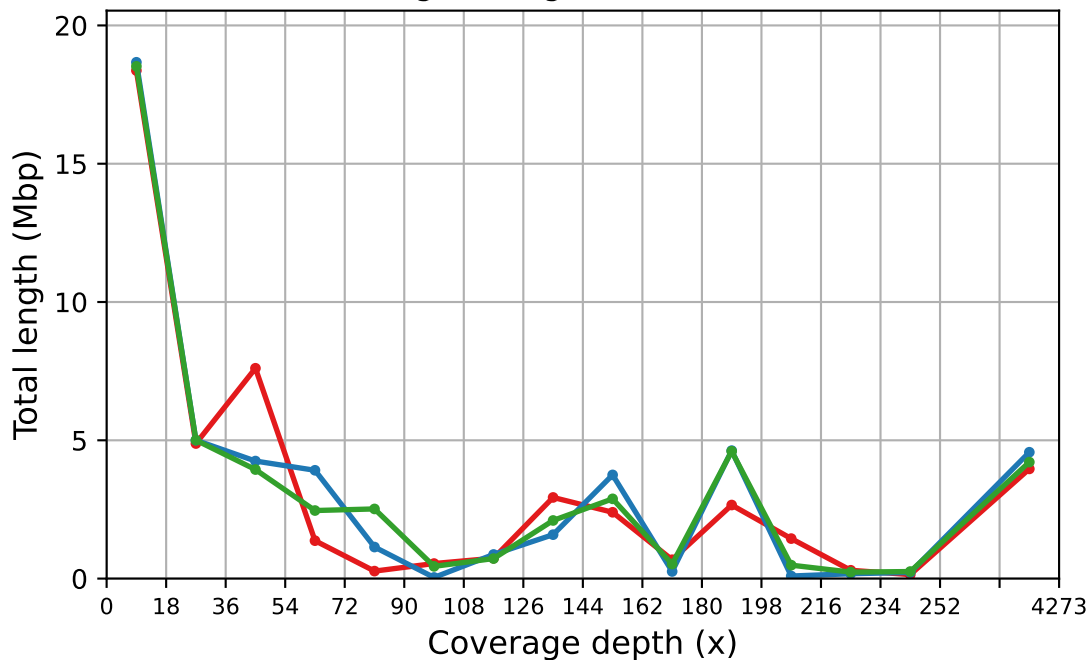
nanopore\_only\_assembly



pacbio\_only\_assembly GC content

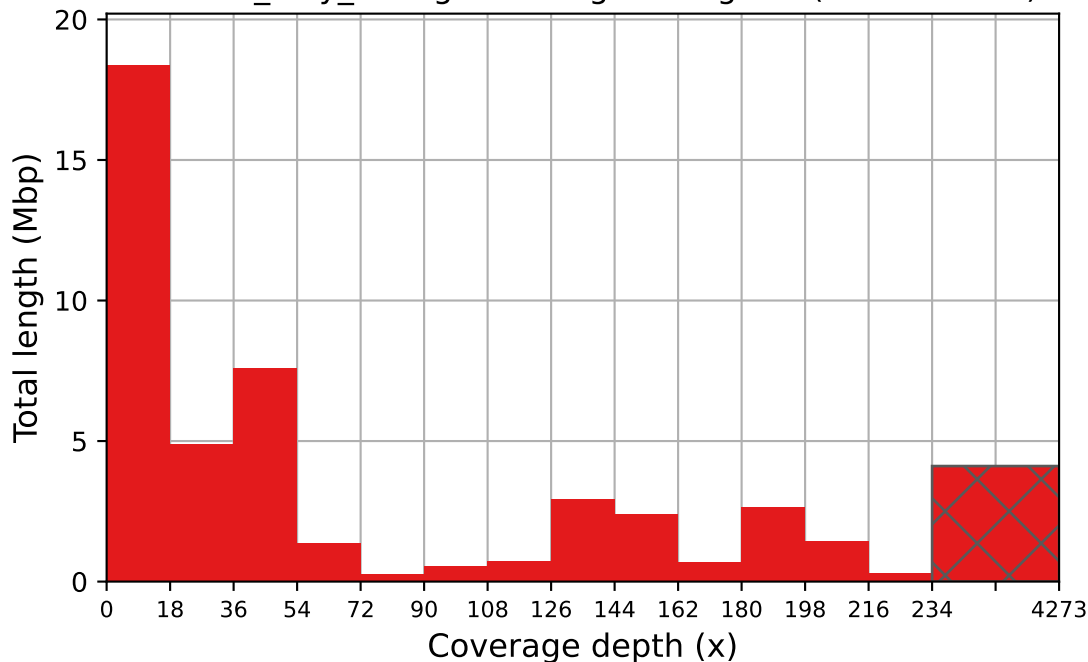


Coverage histogram (bin size: 18x)



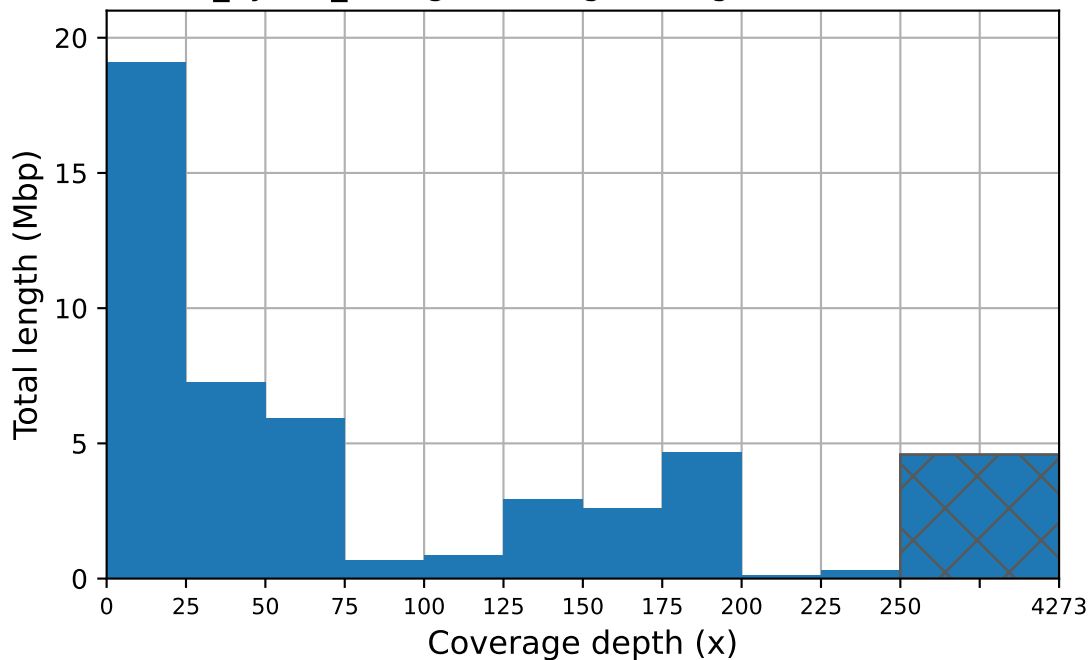
illumina\_only\_contigs    nano\_hybrid\_contigs    pacbio\_hybrid\_contigs

illumina\_only\_contigs coverage histogram (bin size: 18x)



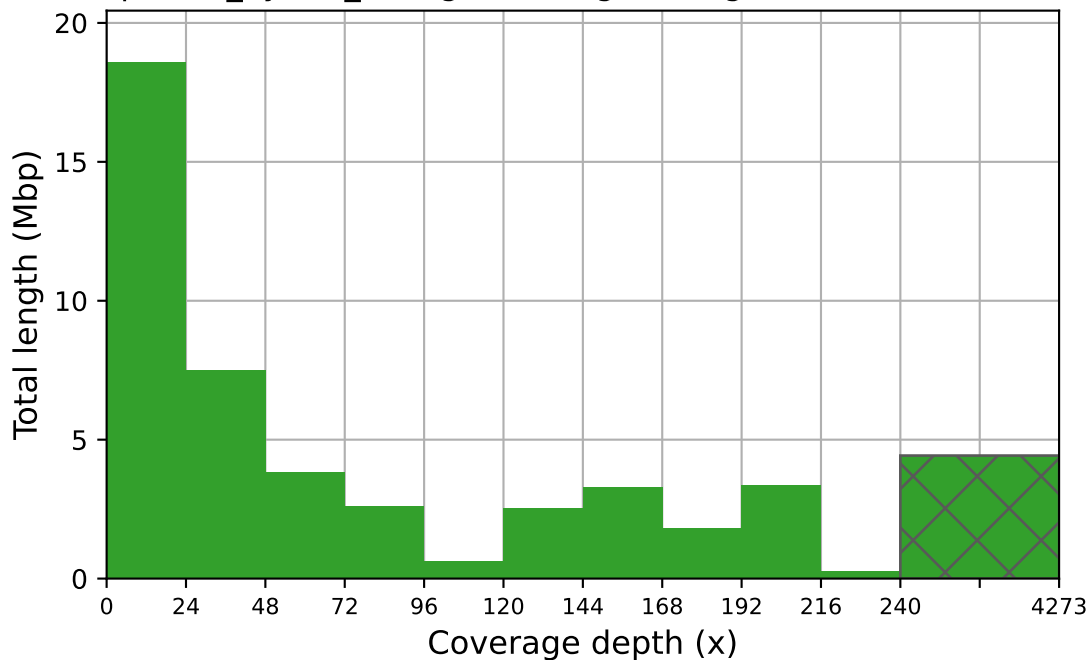
illumina\_only\_contigs

nano\_hybrid\_contigs coverage histogram (bin size: 25x)



nano\_hybrid\_contigs

pacbio\_hybrid\_contigs coverage histogram (bin size: 24x)



pacbio\_hybrid\_contigs