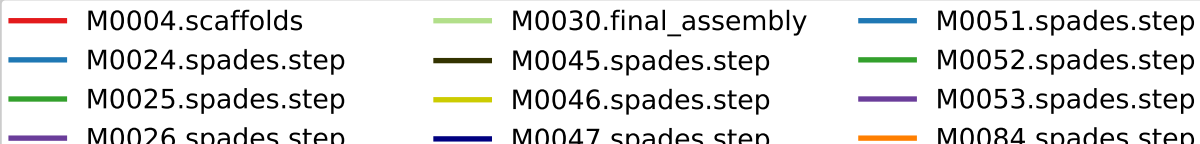
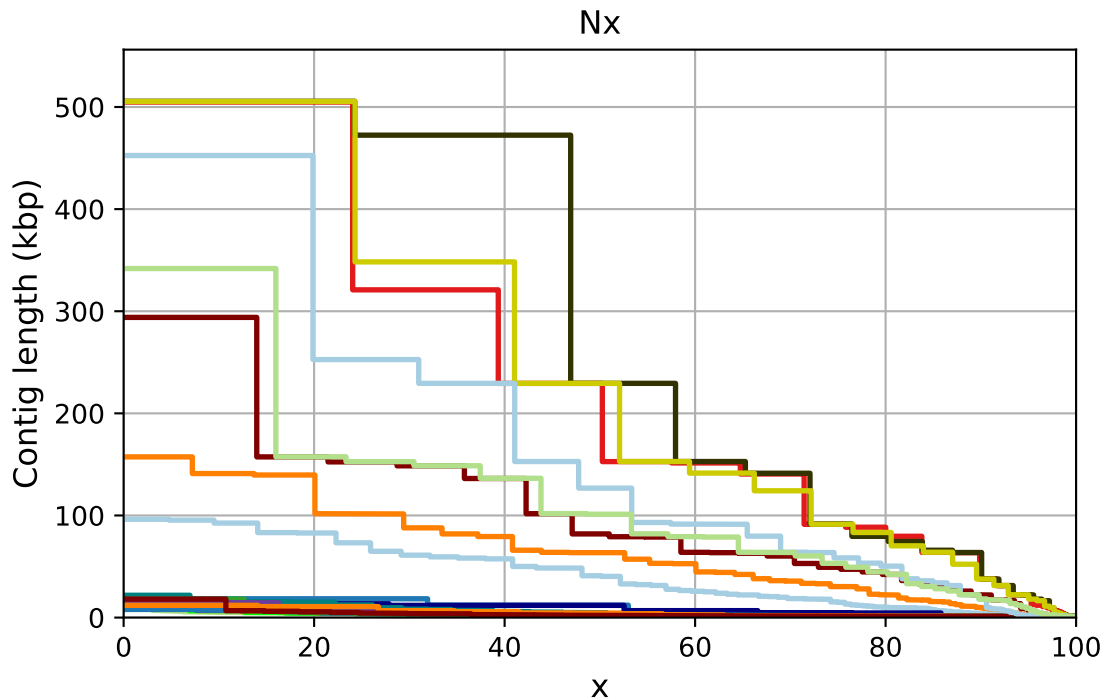
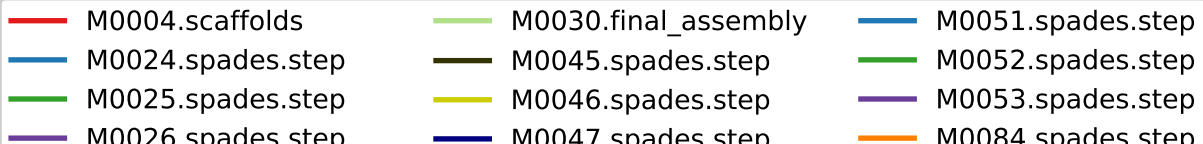
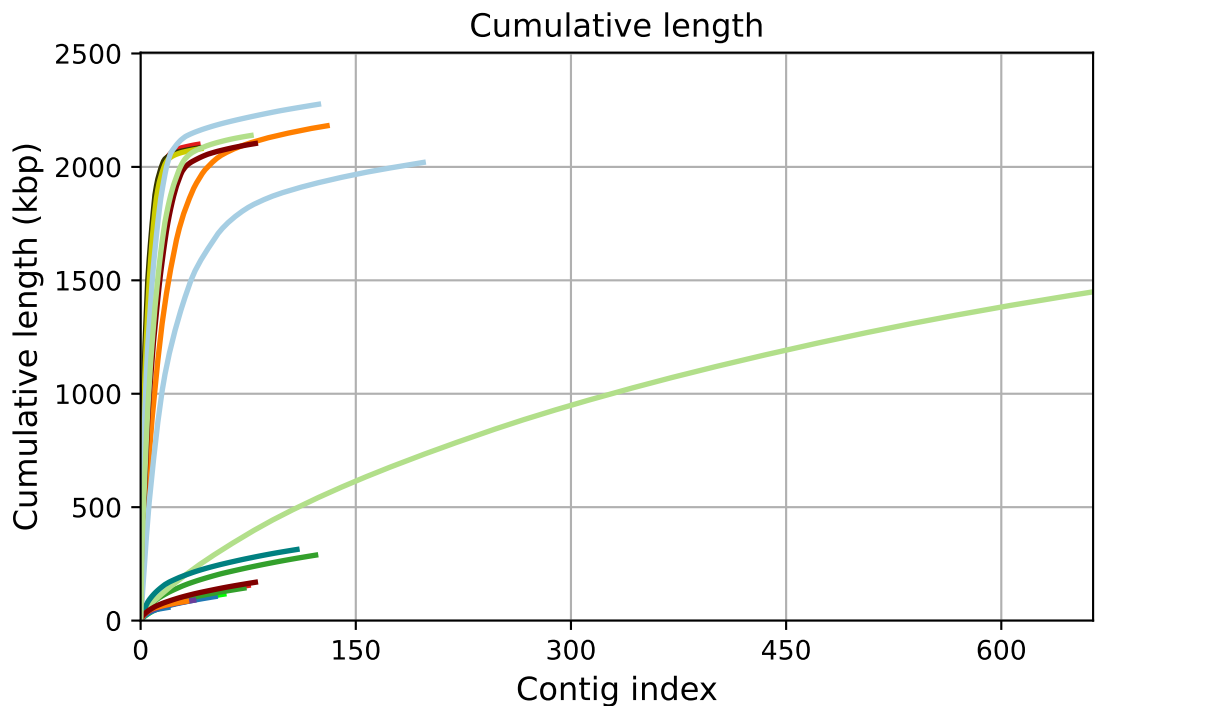


Report

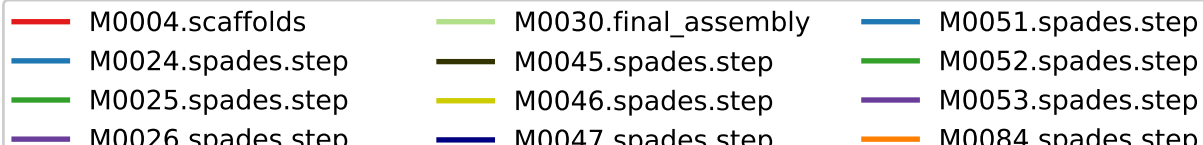
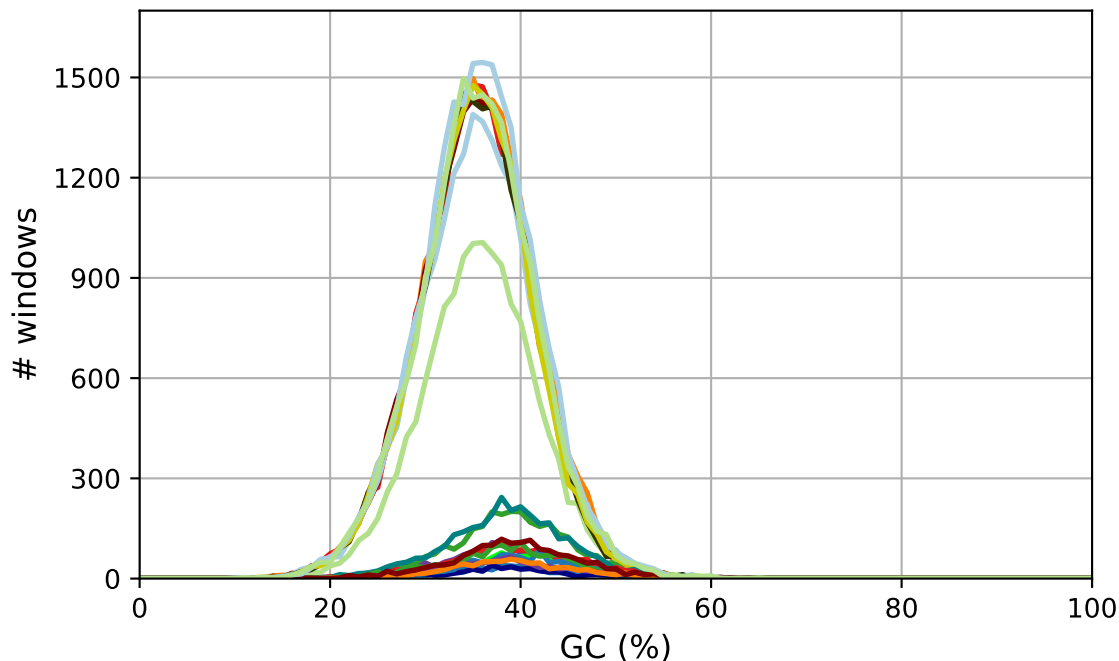
	M0004.scaffolds	M0024.spades.step	M0025.spades.step	M0026.spades.step	M0027.final_assembly	M0028.final_assembly	M0029.final_assembly	M0030.final_assembly	M0045.spades.step	M0046.spades.step	M0047.spades.step	M0048.spades.step	M0049.spades.step	M0050.spades.step	M0051.spades.step	M0052.spades.step	M0053.spades.step	M0084.spades.step	M0085.spades.step	M0086.spades.step	M0087.spades.step
# contigs (>= 0 bp)	40	19	122	70	130	80	197	664	41	42	10	109	58	75	52	72	37	32	80	124	77
# contigs (>= 1000 bp)	40	19	122	70	130	80	197	664	41	42	10	109	58	75	52	72	37	32	80	124	77
# contigs (>= 5000 bp)	22	2	11	4	53	33	66	25	18	20	3	14	3	4	3	3	3	4	5	29	34
# contigs (>= 10000 bp)	18	2	3	1	41	29	45	2	16	18	2	5	0	1	0	1	1	2	1	21	30
# contigs (>= 25000 bp)	13	0	0	0	26	23	23	0	12	13	0	0	0	0	0	0	0	0	0	18	21
# contigs (>= 50000 bp)	11	0	0	0	15	14	12	0	10	11	0	0	0	0	0	0	0	0	0	14	14
Total length (>= 0 bp)	2099407	57723	288519	146129	2181248	2103086	2019628	1449255	2083749	2080341	48488	313494	116507	154996	105952	142984	89631	85119	168939	2276113	2138549
Total length (>= 1000 bp)	2099407	57723	288519	146129	2181248	2103086	2019628	1449255	2083749	2080341	48488	313494	116507	154996	105952	142984	89631	85119	168939	2276113	2138549
Total length (>= 5000 bp)	2065940	30587	91915	30476	2036979	2010720	1781657	171074	2040305	2037882	32284	144319	19817	31489	22010	29951	27517	35367	41738	2123184	2054366
Total length (>= 10000 bp)	2035956	30587	38943	11924	1951449	1980851	1620488	34523	2025401	2022547	25477	81923	0	12020	0	18079	14583	22766	18135	2061927	2026390
Total length (>= 25000 bp)	1955978	0	0	0	1707175	1871470	1255244	0	1946220	1932087	0	0	0	0	0	0	0	0	0	1999265	1875861
Total length (>= 50000 bp)	1886874	0	0	0	1310538	1534101	874920	0	1877091	1862988	0	0	0	0	0	0	0	0	0	1859834	1621471
# contigs	40	19	122	70	130	80	197	664	41	42	10	109	58	75	52	72	37	32	80	124	77
Largest contig	504860	18422	14530	11924	157365	293975	96296	18052	505616	505457	13509	21841	8025	12020	8026	18079	14583	11987	18135	452497	341812
Total length	2099407	57723	288519	146129	2181248	2103086	2019628	1449255	2083749	2080341	48488	313494	116507	154996	105952	142984	89631	85119	168939	2276113	2138549
GC (%)	35.27	39.29	39.18	38.07	35.58	35.34	35.42	35.72	35.25	35.26	38.79	38.61	40.30	39.39	40.12	38.58	39.20	39.53	39.56	35.56	35.44
N50	229348	12165	2760	2234	63564	81942	40952	2372	229388	229388	11968	4793	1916	2401	2162	1998	2821	4432	2153	126789	101194
N75	91337	1431	1455	1375	30385	49254	14924	1596	91695	91417	4809	1714	1338	1335	1335	1273	1463	1607	1339	58437	53153
L50	3	2	27	18	12	7	15	194	3	3	2	17	15	19	13	17	8	6	20	5	7
L75	7	7	63	40	24	15	37	380	6	7	4	49	33	42	29	40	19	15	44	12	14
# N's per 100 kbp	9.19	126.47	283.86	62.96	20.63	15.36	971.27	82.04	2.88	0.48	0.00	62.84	290.97	58.71	235.96	6.99	61.36	34.07	174.62	12.52	12.95

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).

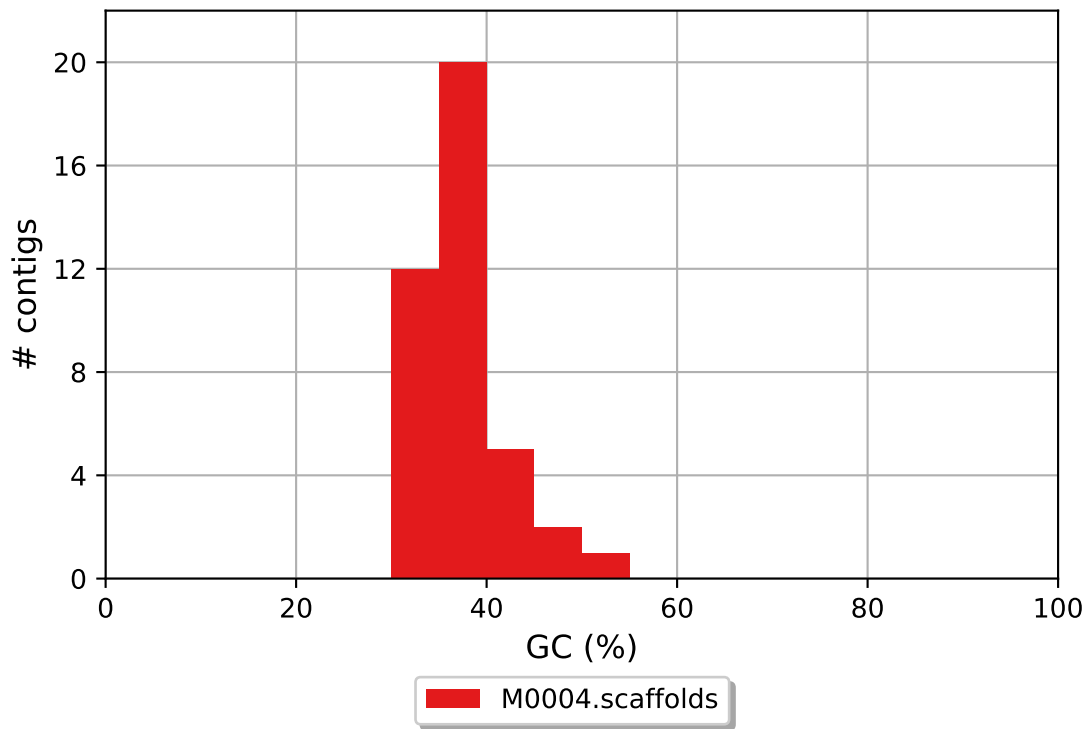




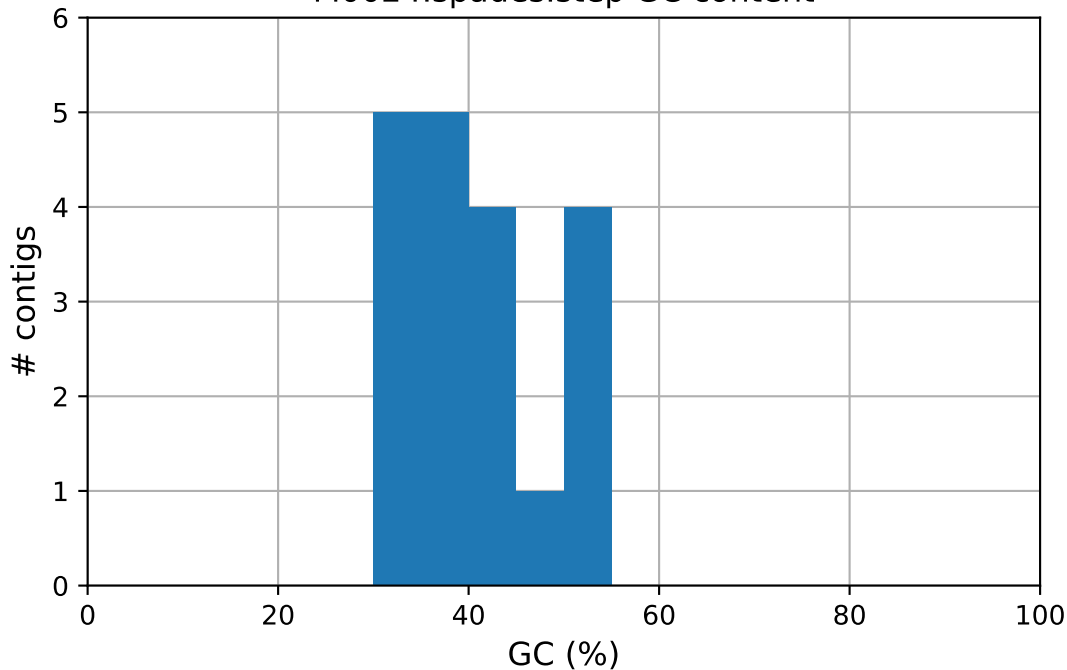
GC content



M0004.scaffolds GC content

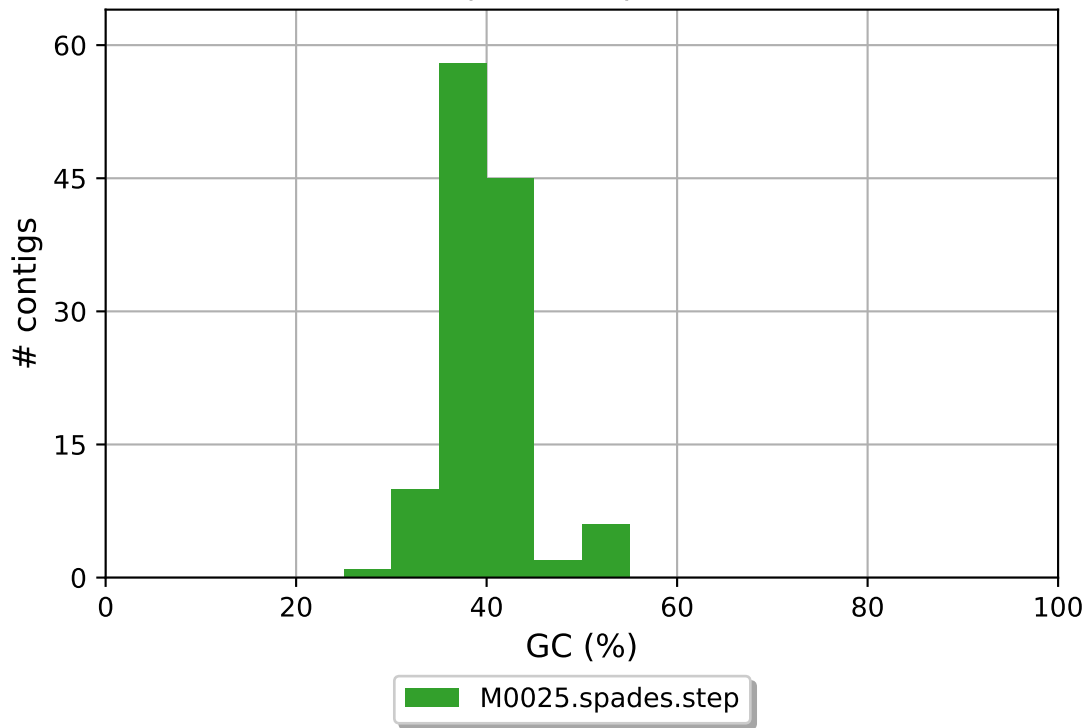


M0024.spades.step GC content

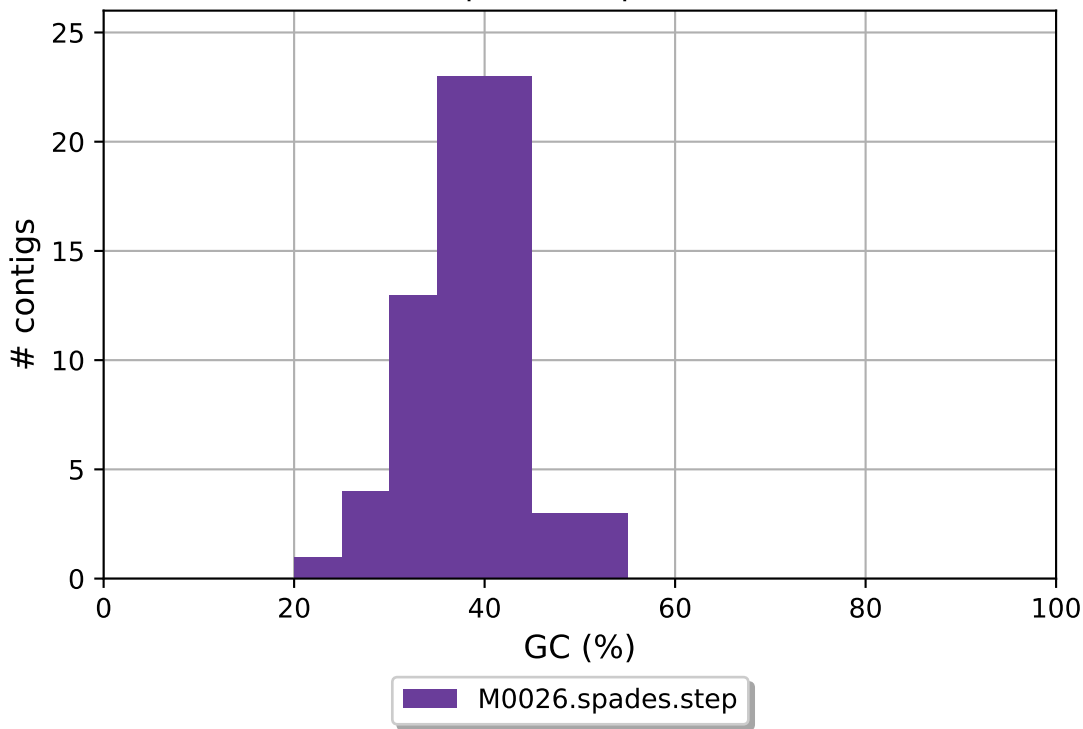


M0024.spades.step

M0025.spades.step GC content

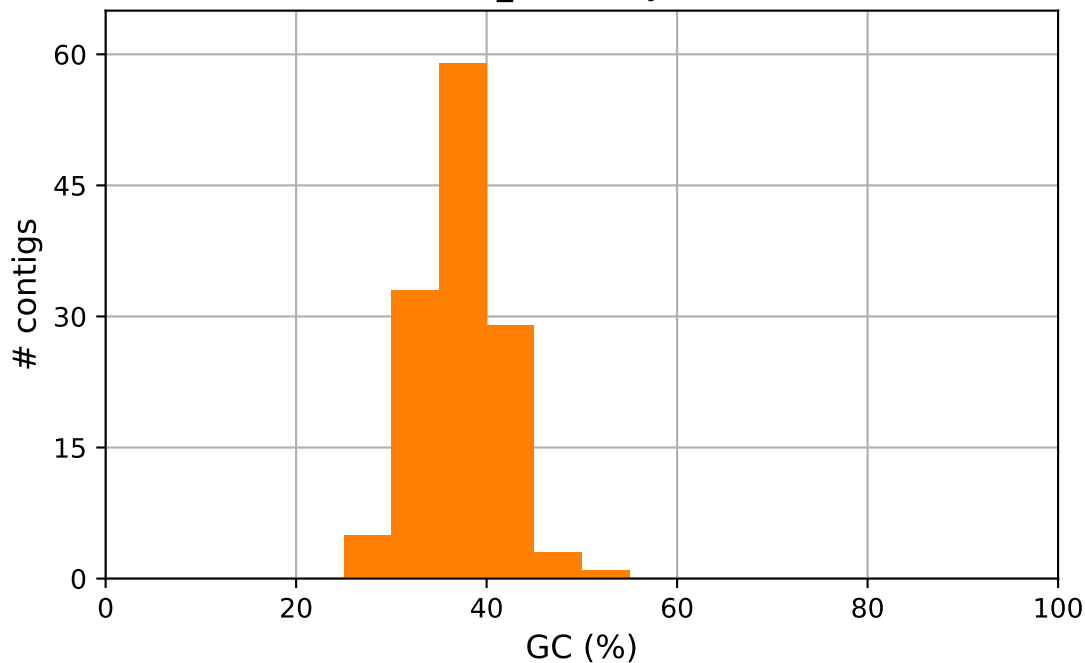


M0026.spades.step GC content



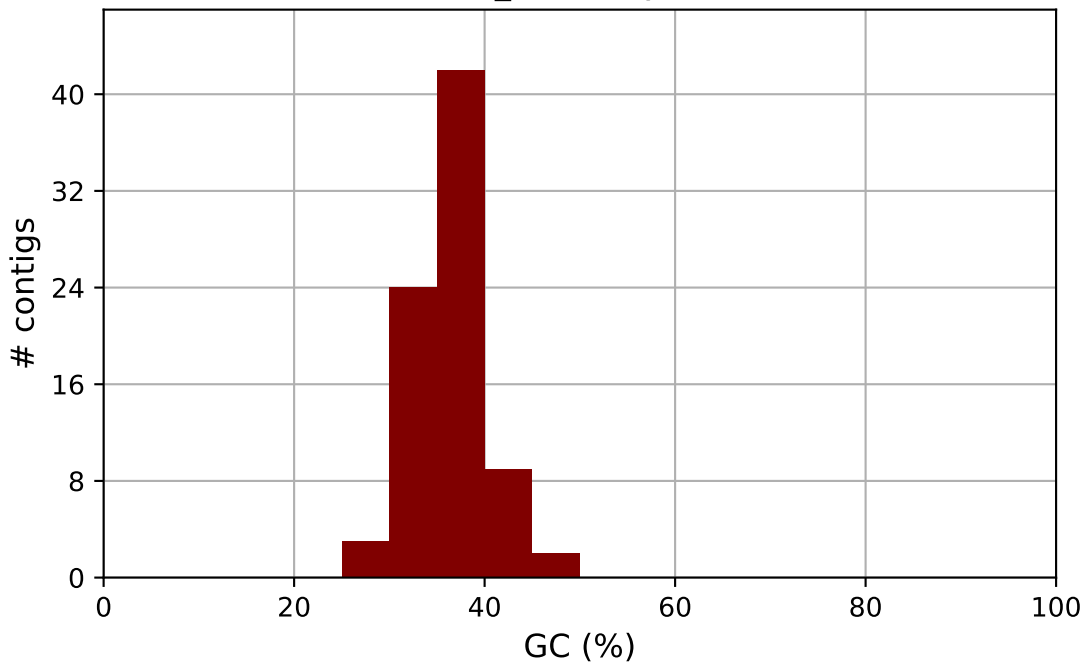


M0027.final\_assembly GC content



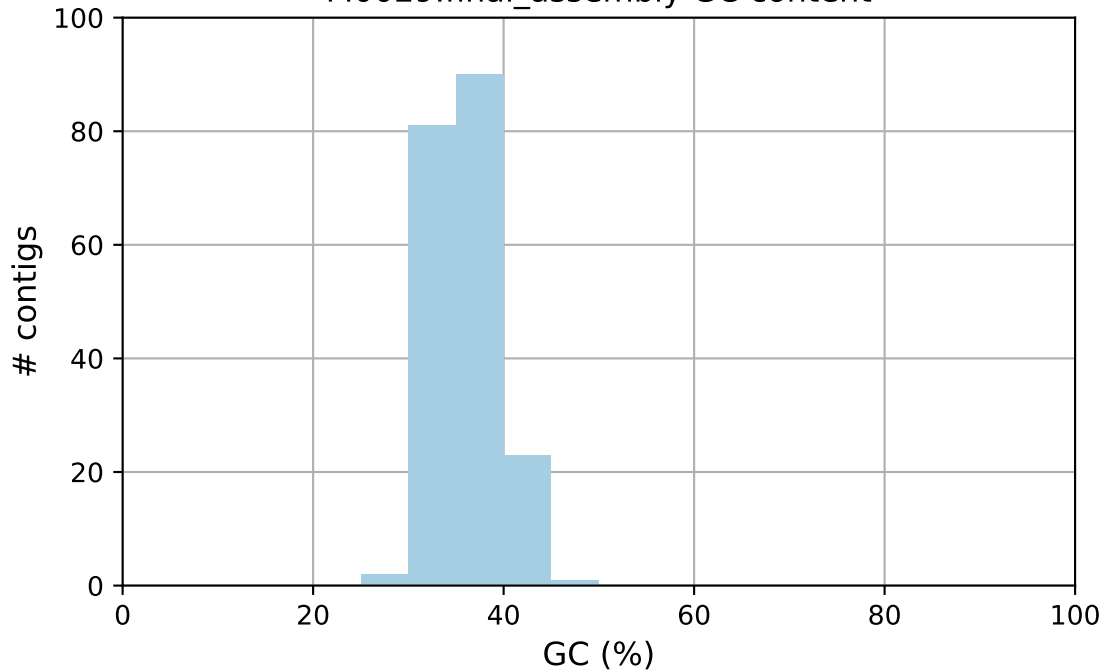
M0027.final\_assembly

M0028.final\_assembly GC content



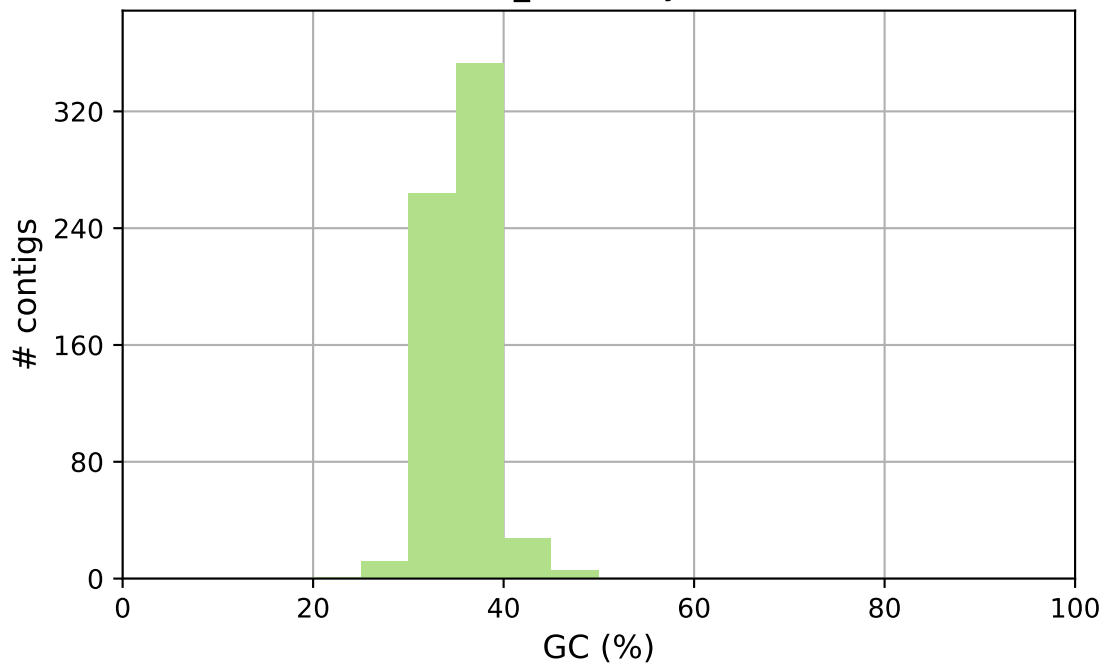
M0028.final\_assembly

M0029.final\_assembly GC content



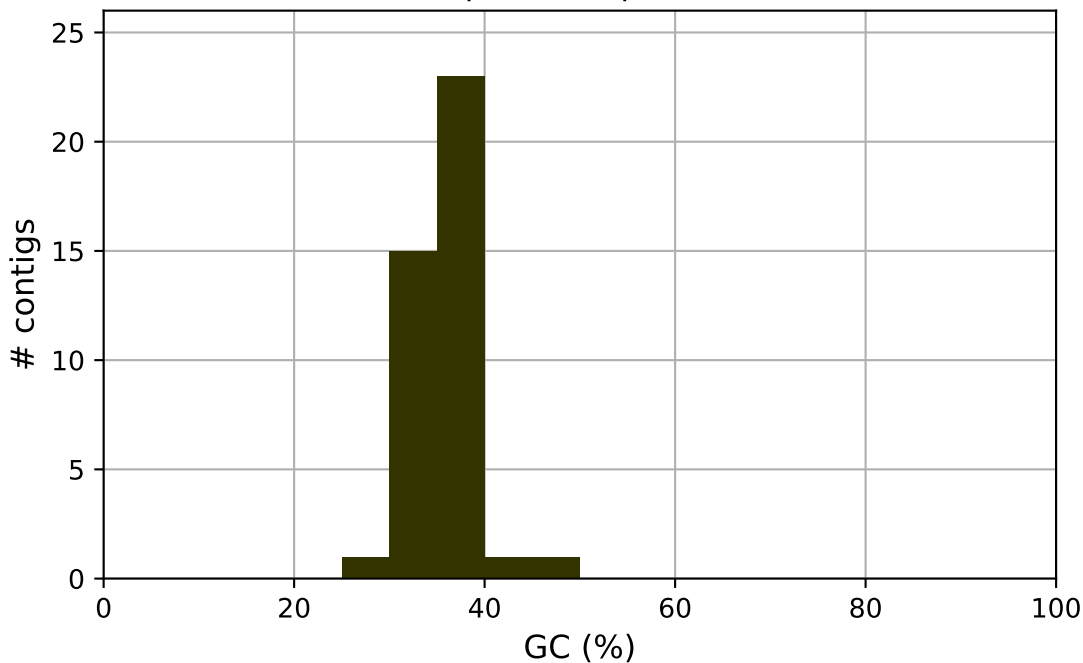
M0029.final\_assembly

M0030.final\_assembly GC content



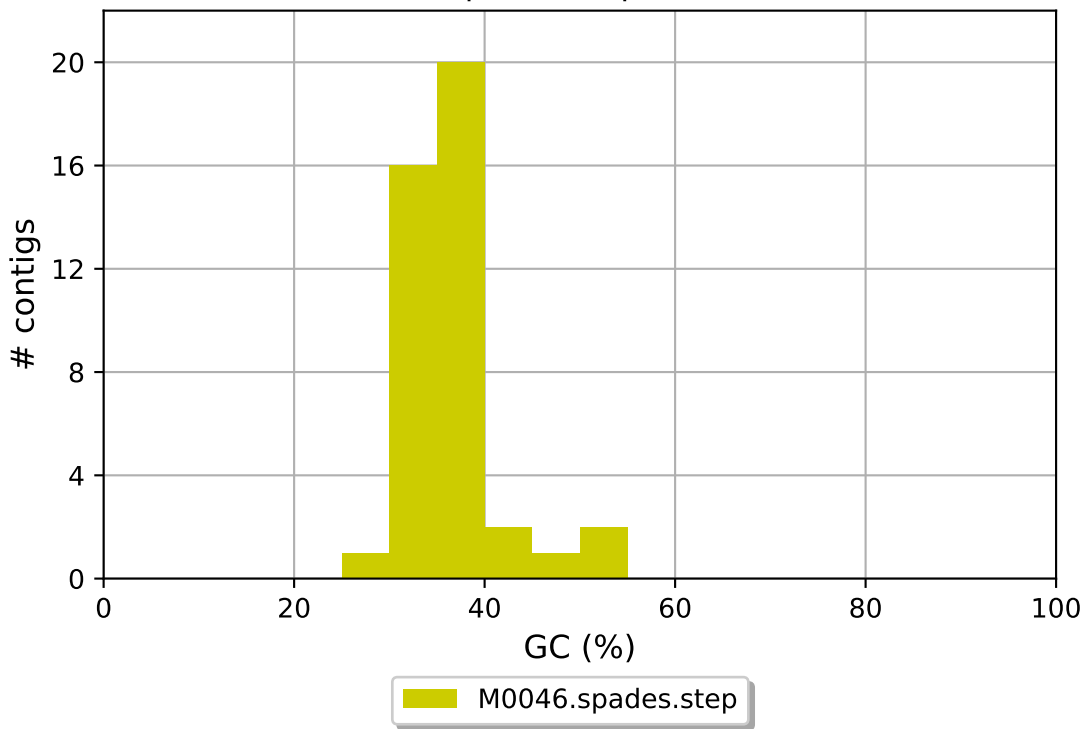
M0030.final\_assembly

M0045.spades.step GC content

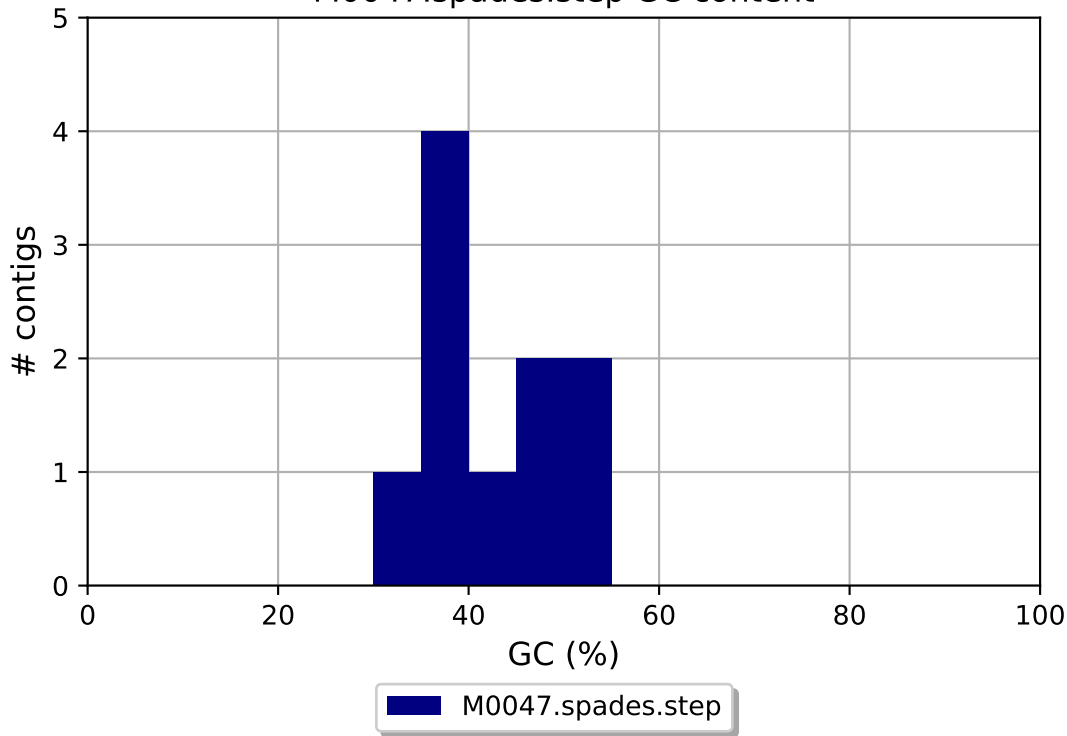


M0045.spades.step

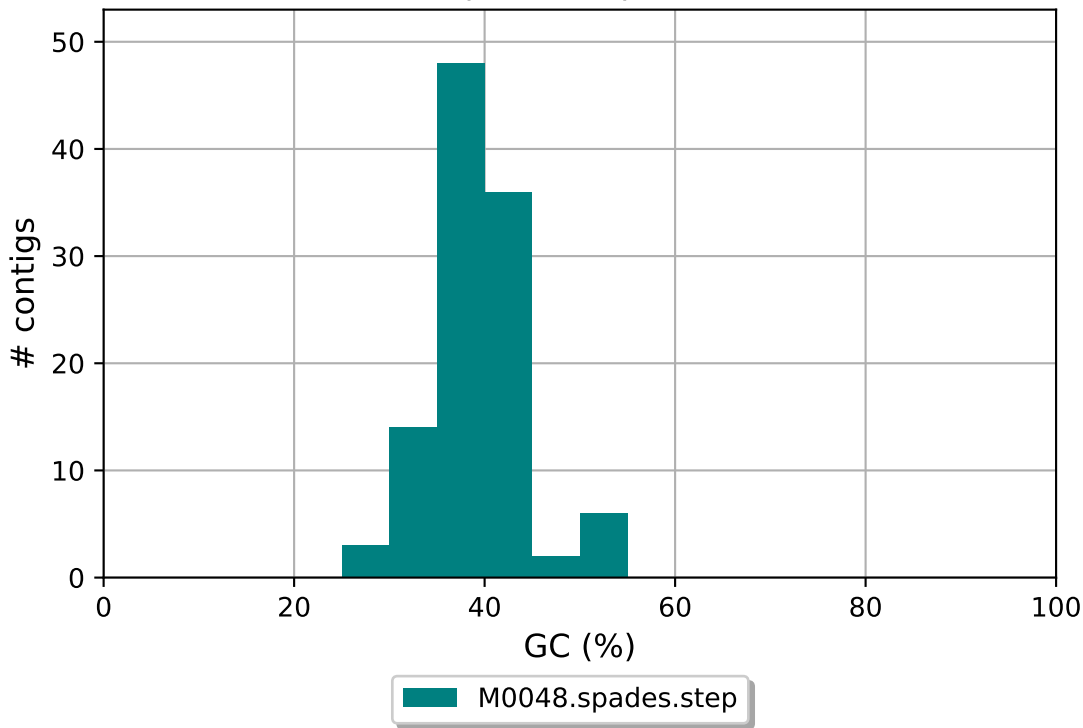
M0046.spades.step GC content



M0047.spades.step GC content

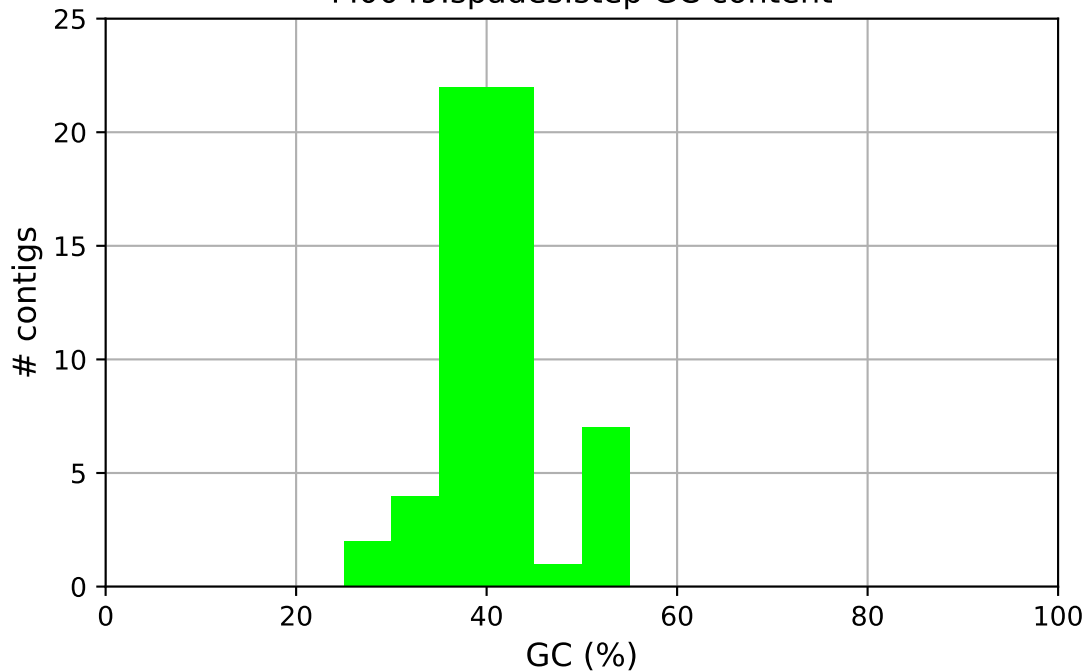


M0048.spades.step GC content



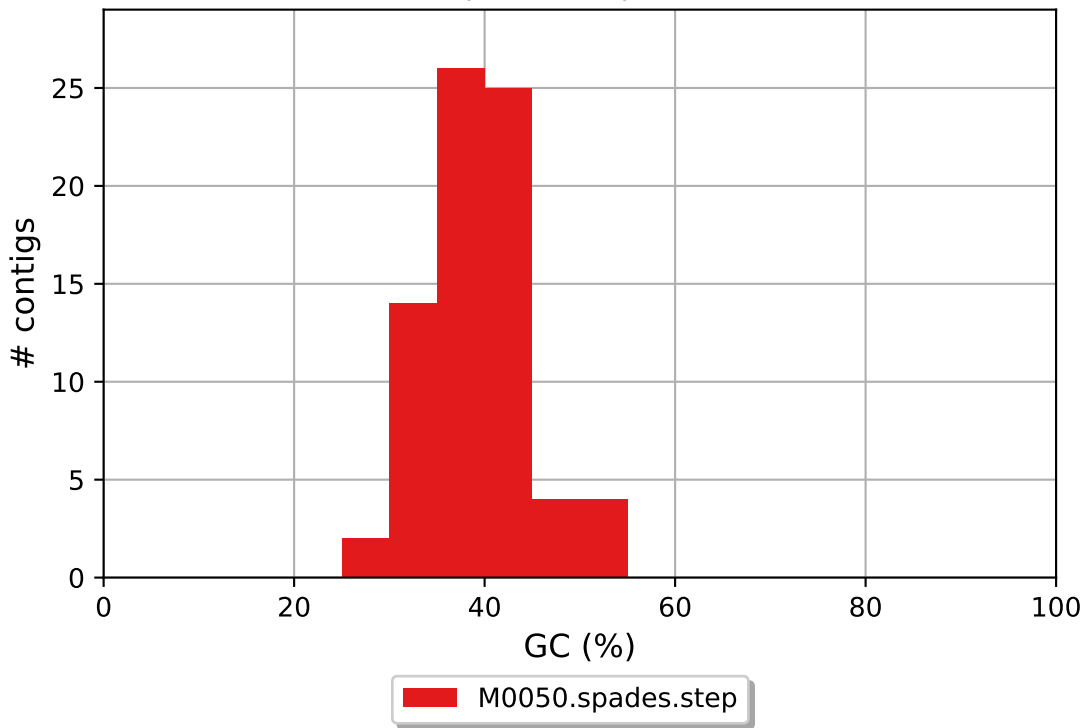


M0049.spades.step GC content

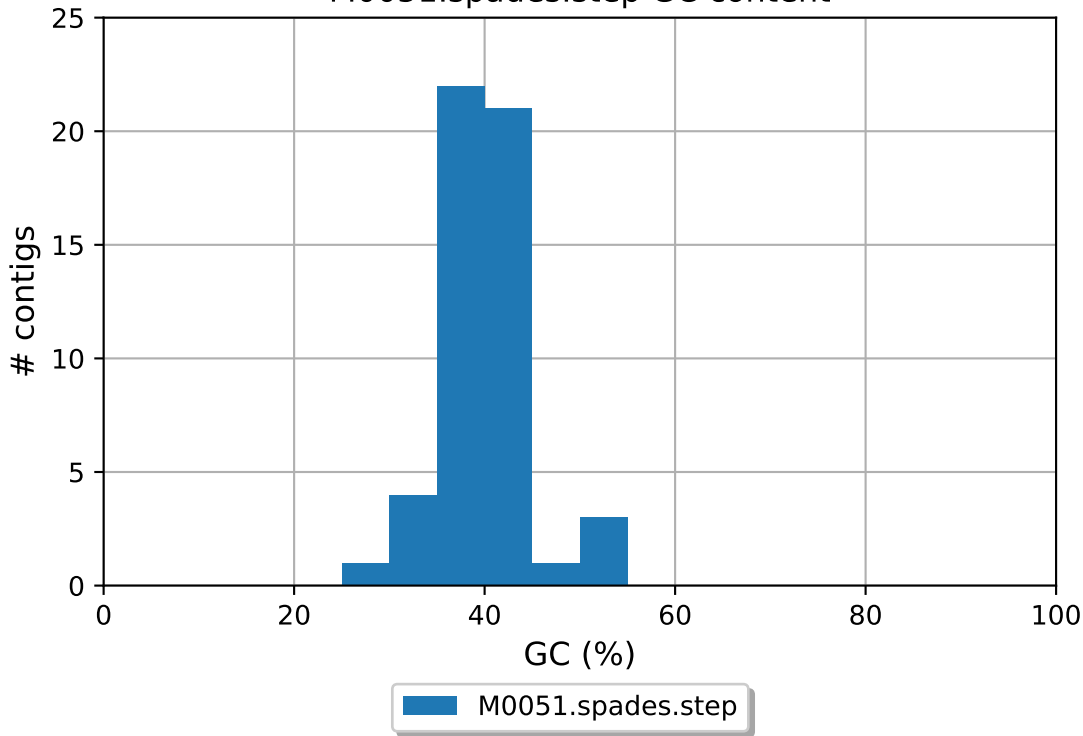


M0049.spades.step

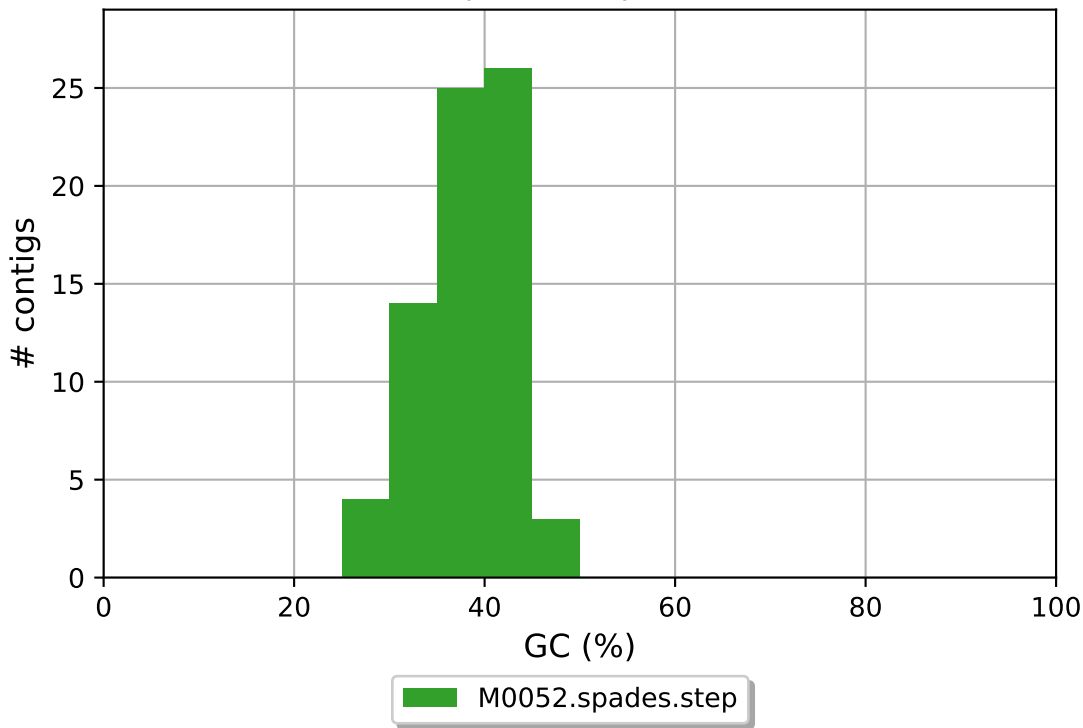
M0050.spades.step GC content



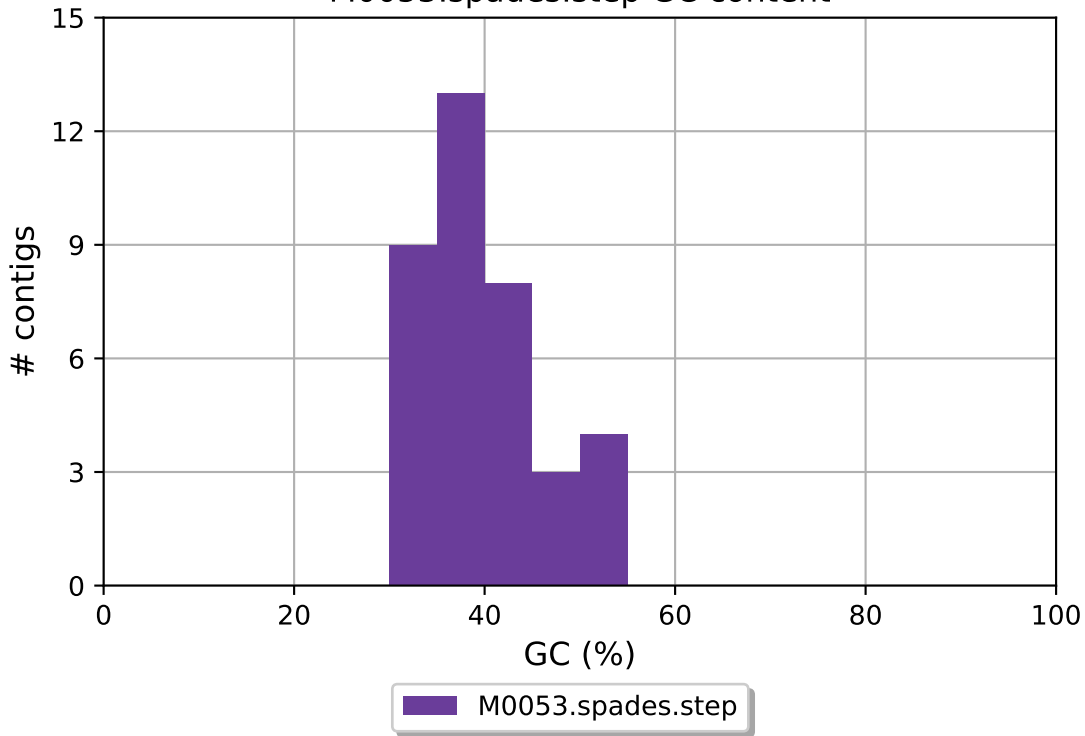
M0051.spades.step GC content



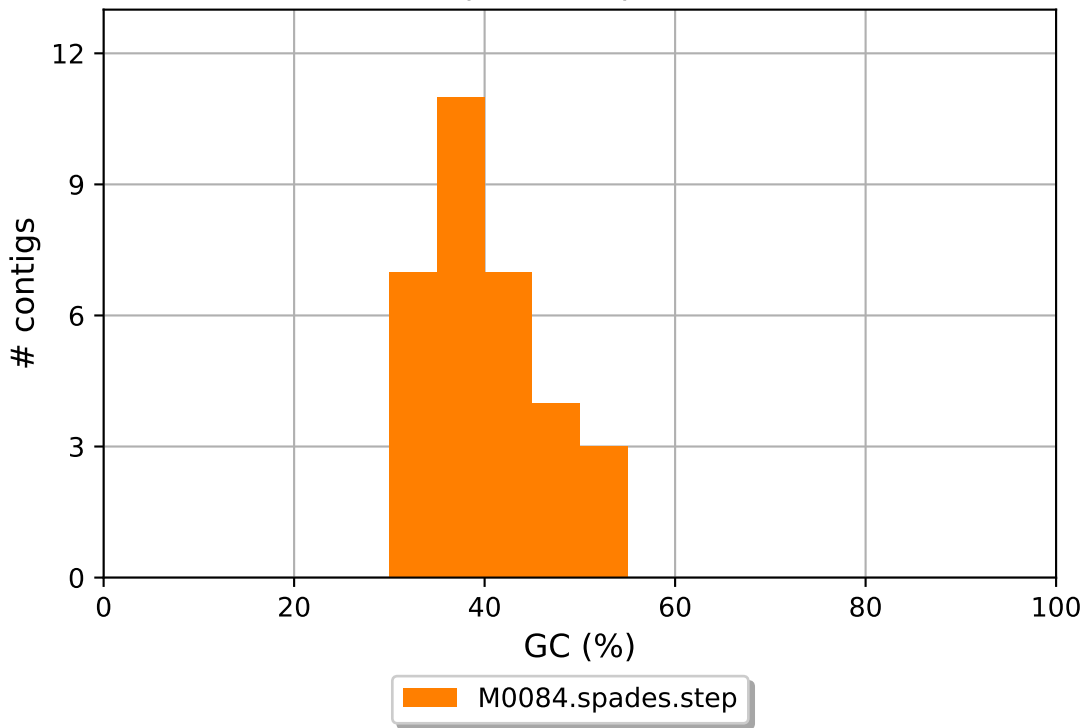
M0052.spades.step GC content



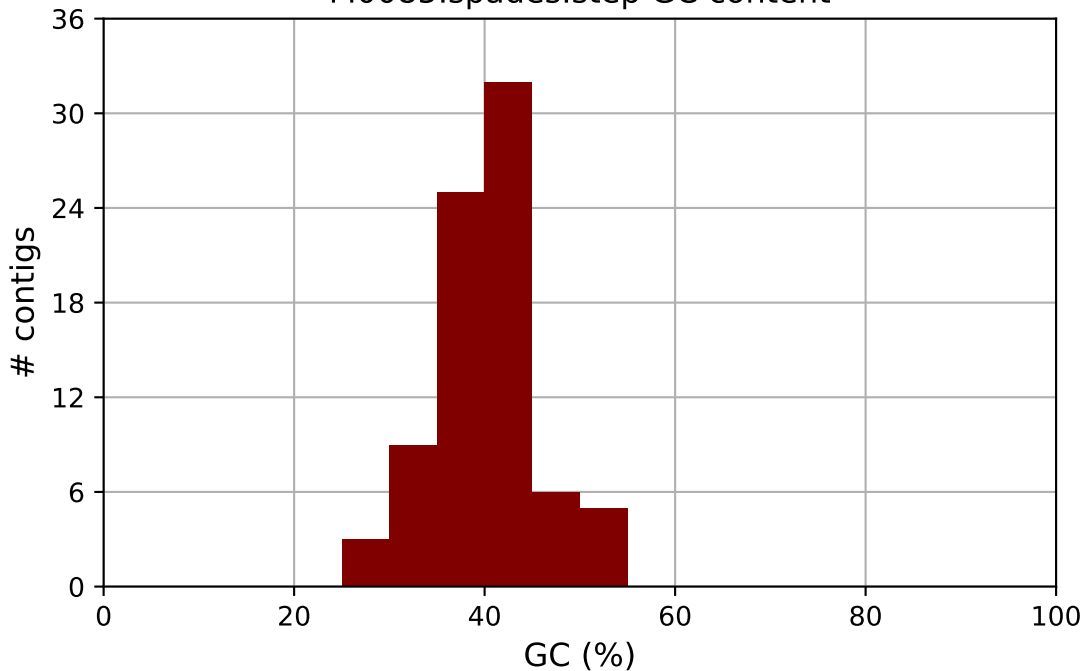
M0053.spades.step GC content



M0084.spades.step GC content

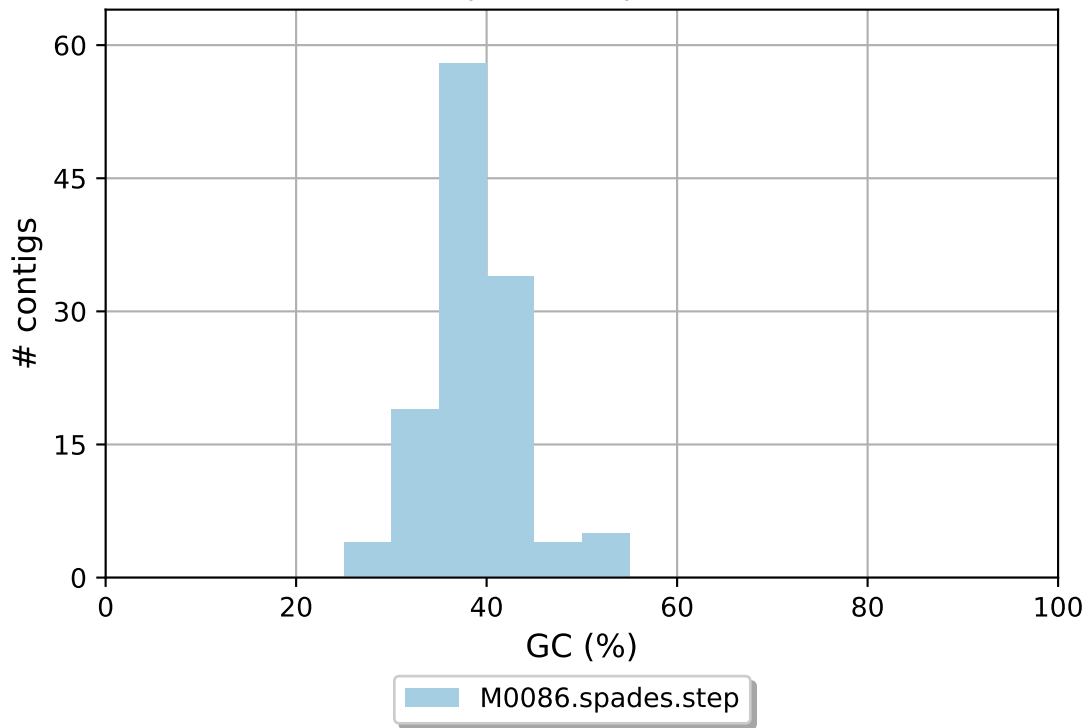


M0085.spades.step GC content



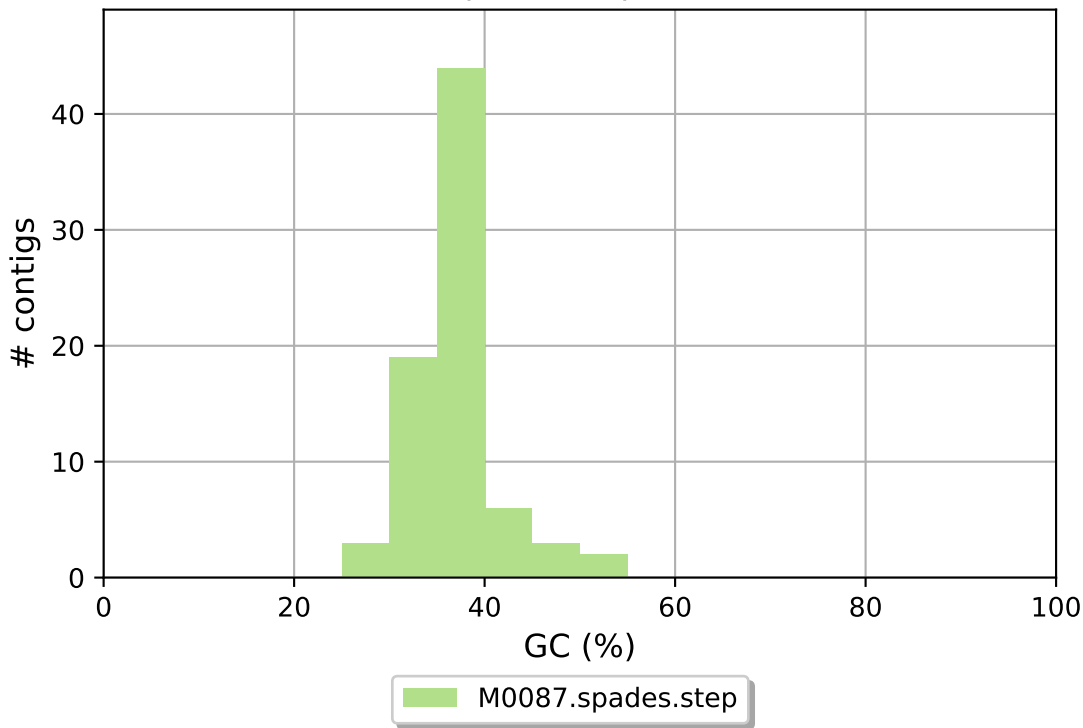
M0085.spades.step

M0086.spades.step GC content

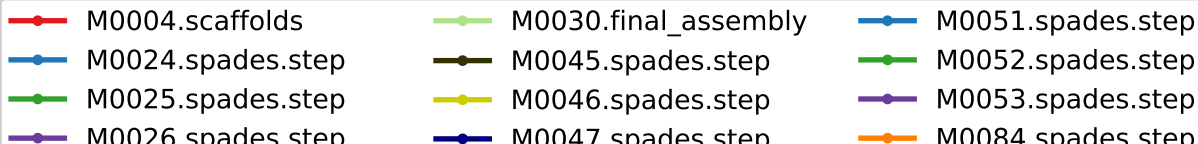
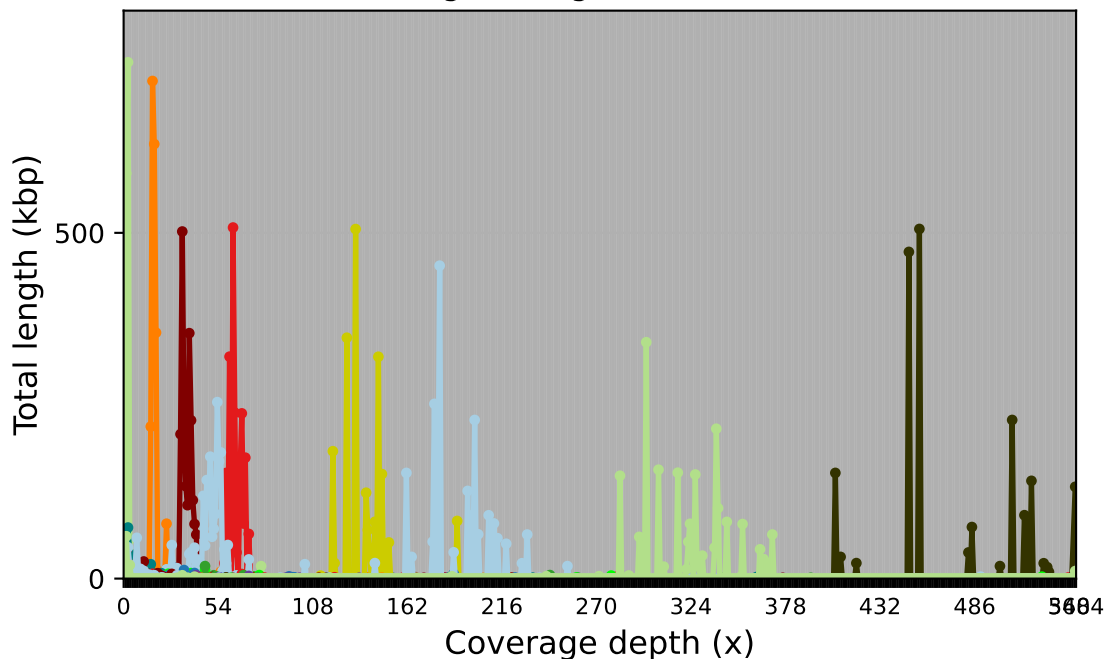




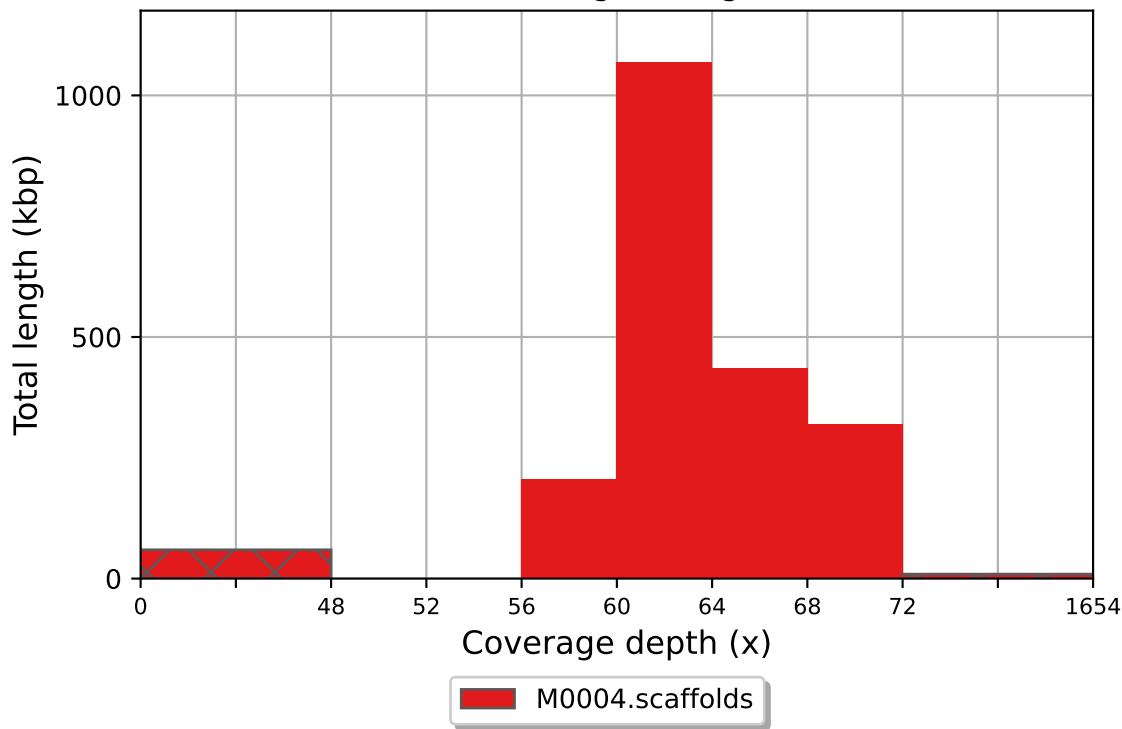
M0087.spades.step GC content



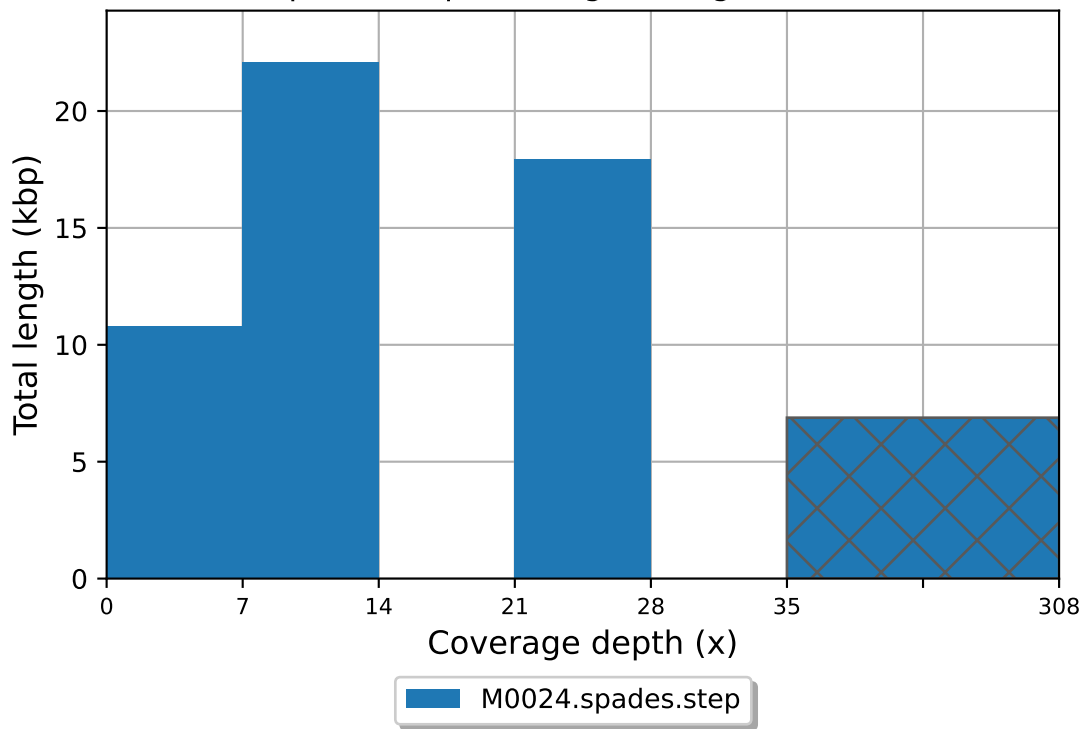
Coverage histogram (bin size: 1x)



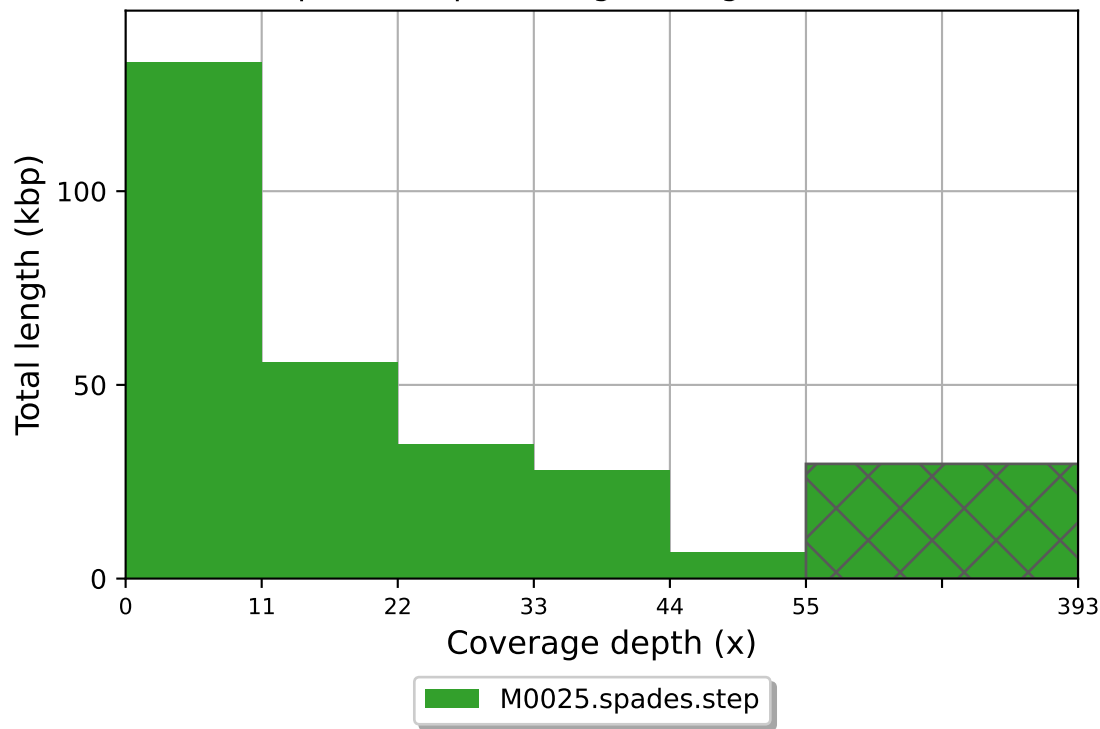
M0004.scaffolds coverage histogram (bin size: 4x)



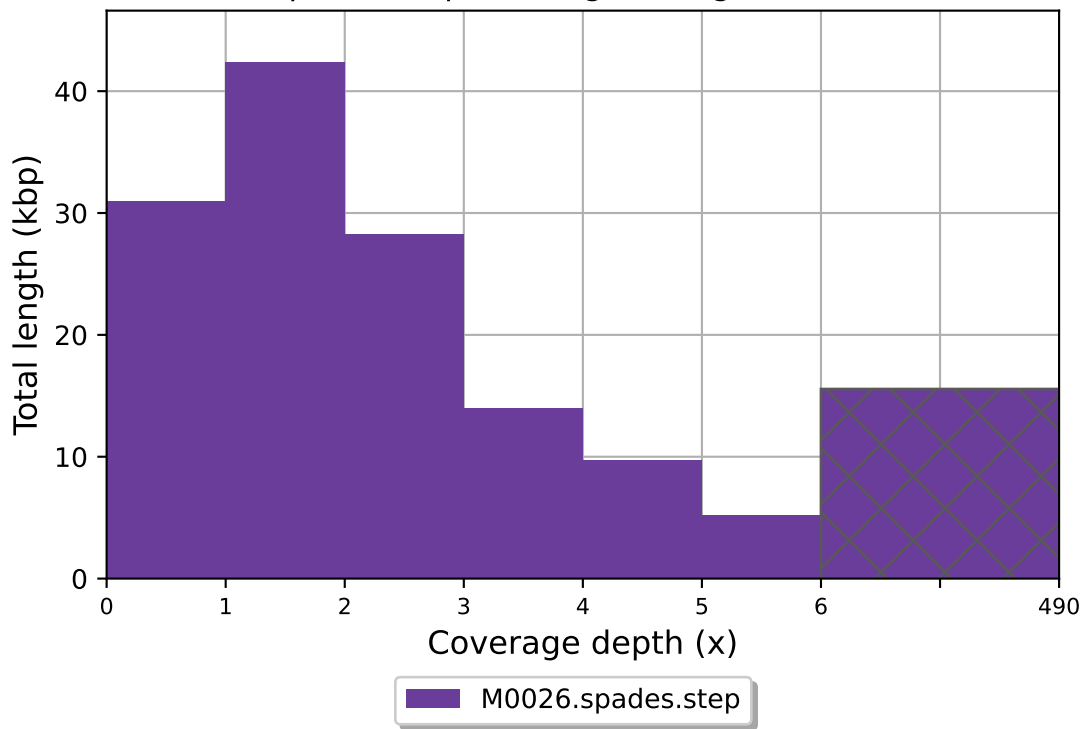
M0024.spades.step coverage histogram (bin size: 7x)



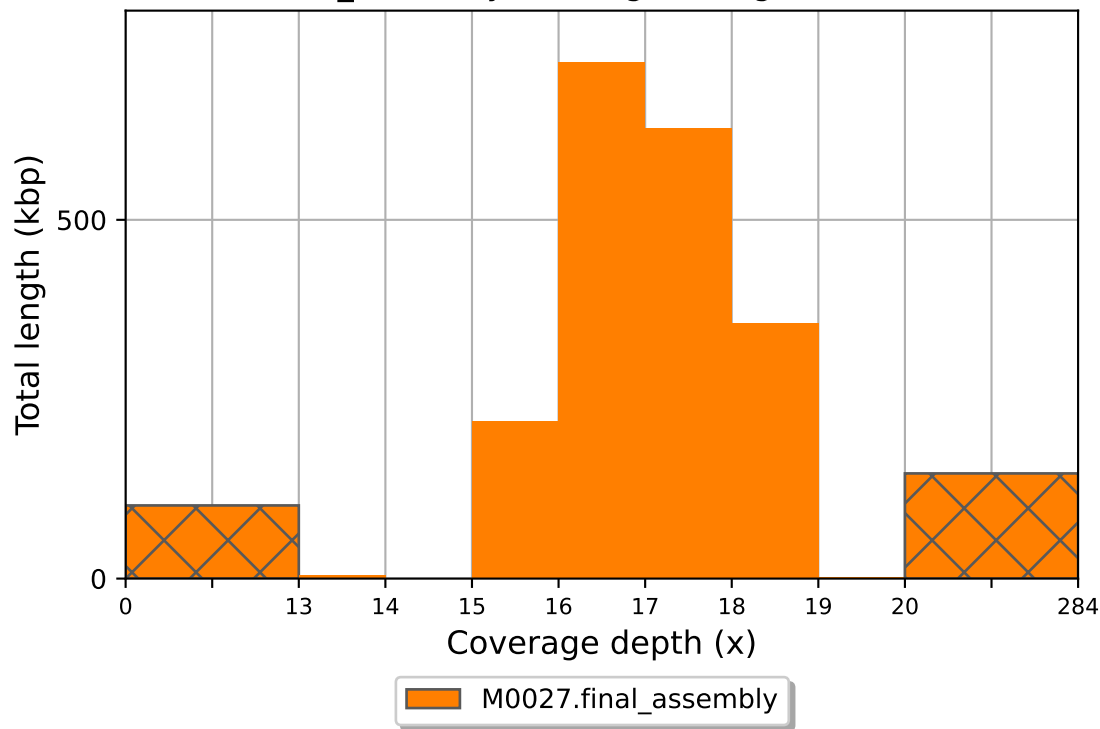
M0025.spades.step coverage histogram (bin size: 11x)



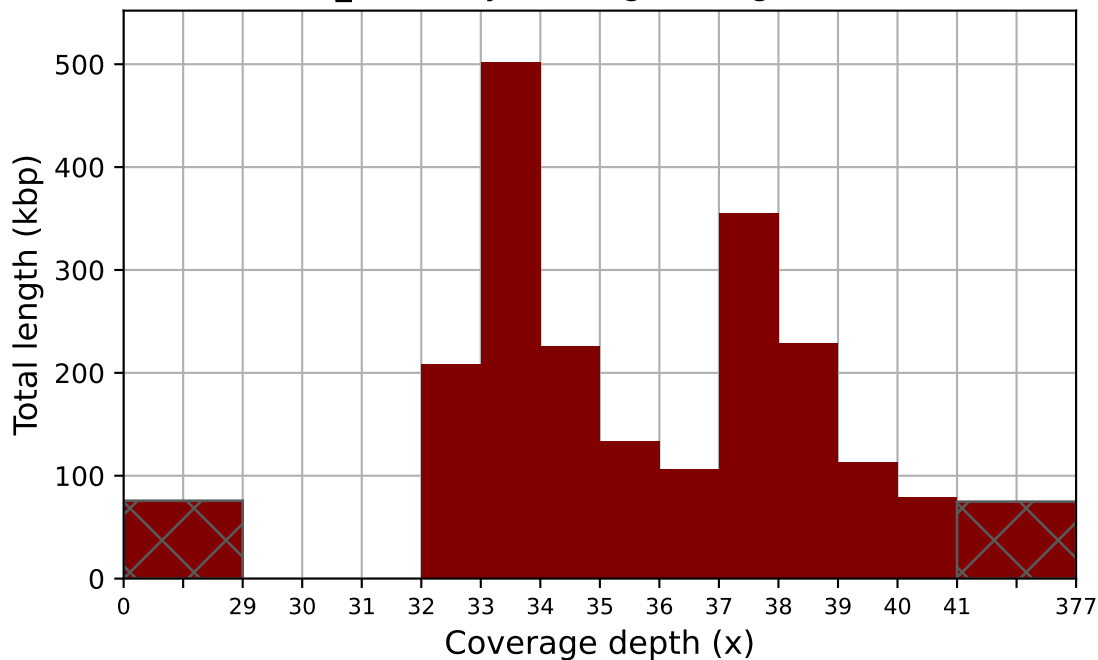
M0026.spades.step coverage histogram (bin size: 1x)



M0027.final\_assembly coverage histogram (bin size: 1x)



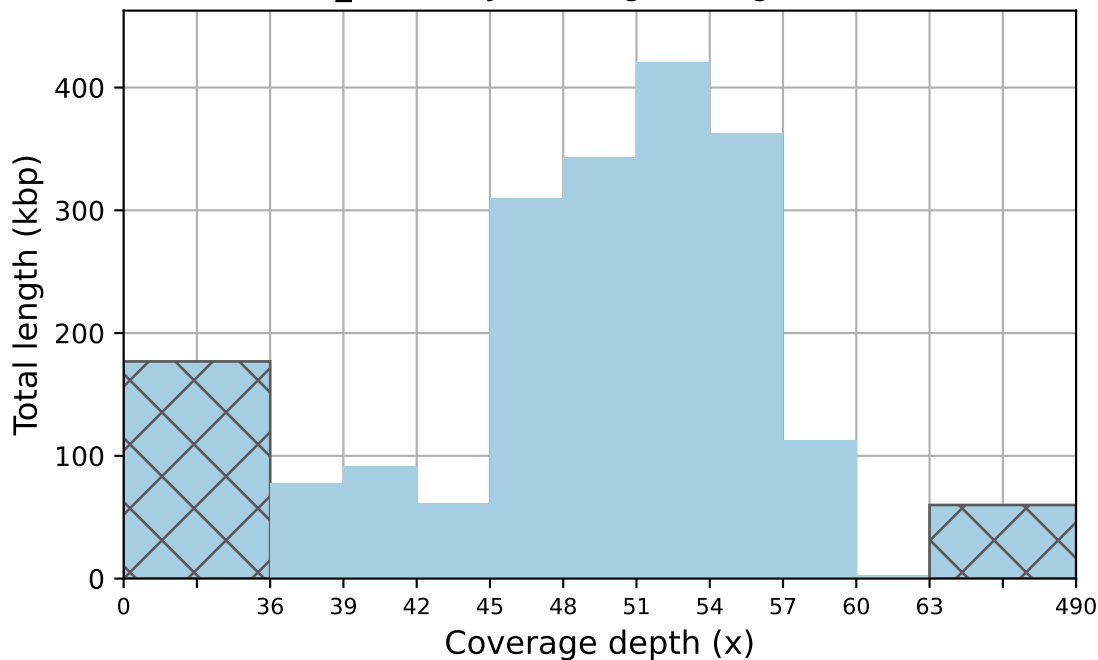
M0028.final\_assembly coverage histogram (bin size: 1x)



M0028.final\_assembly

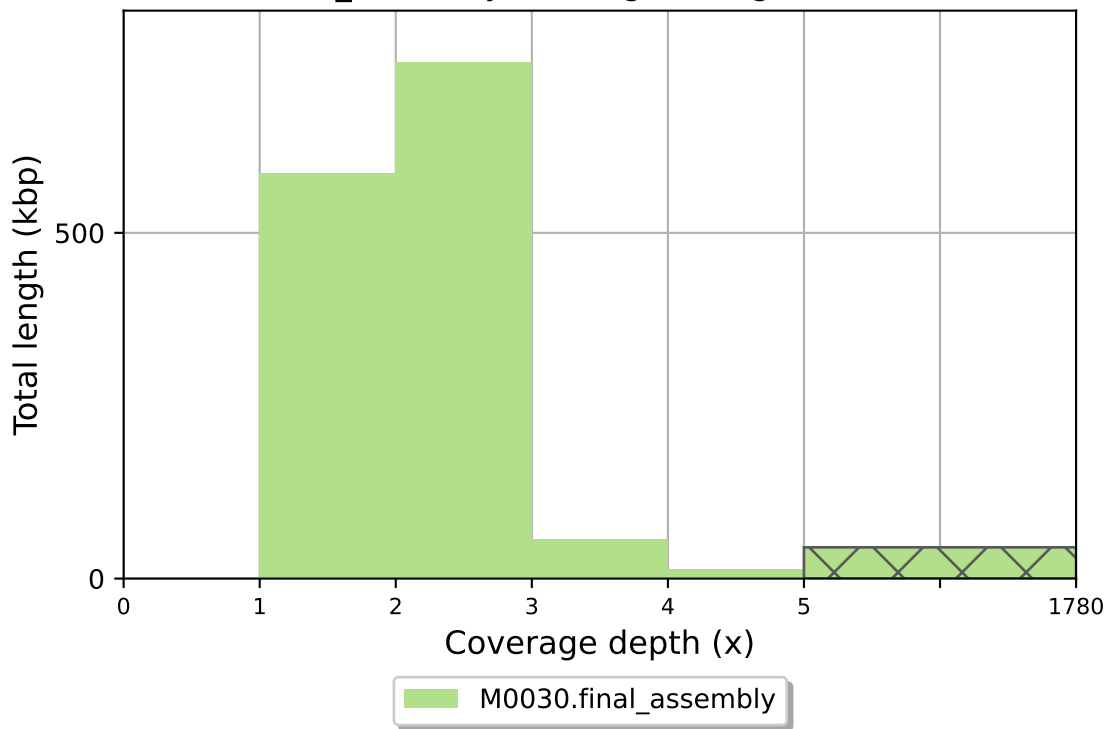


M0029.final\_assembly coverage histogram (bin size: 3x)

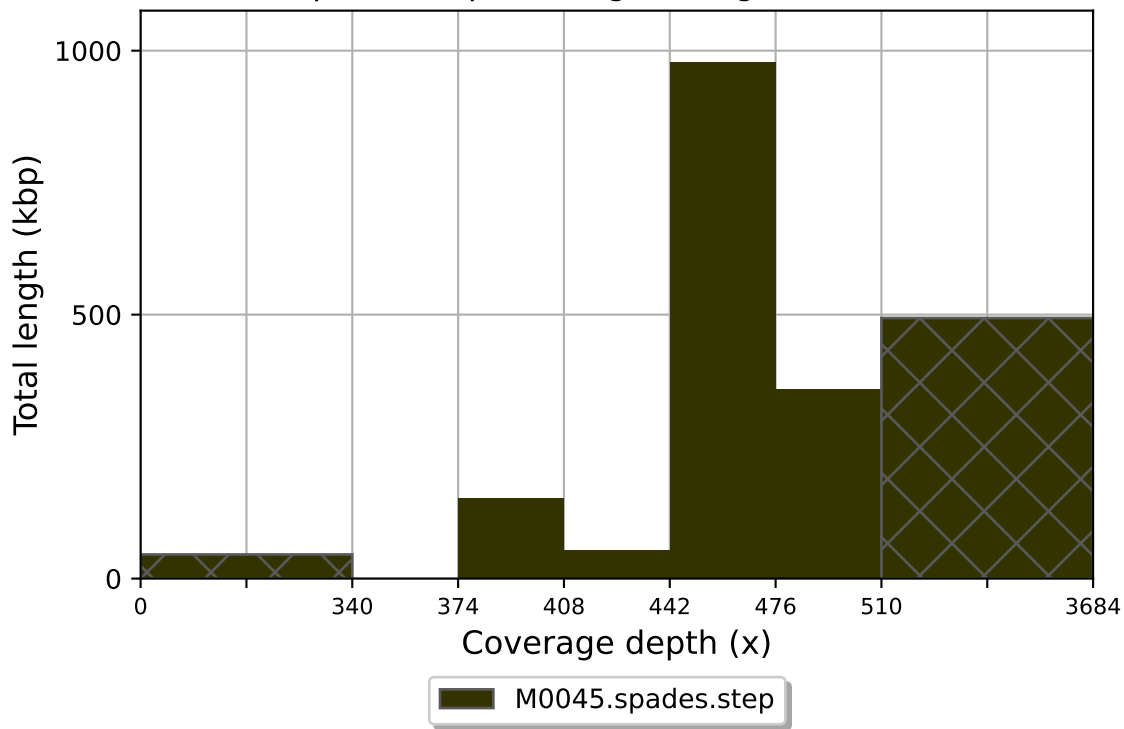


M0029.final\_assembly

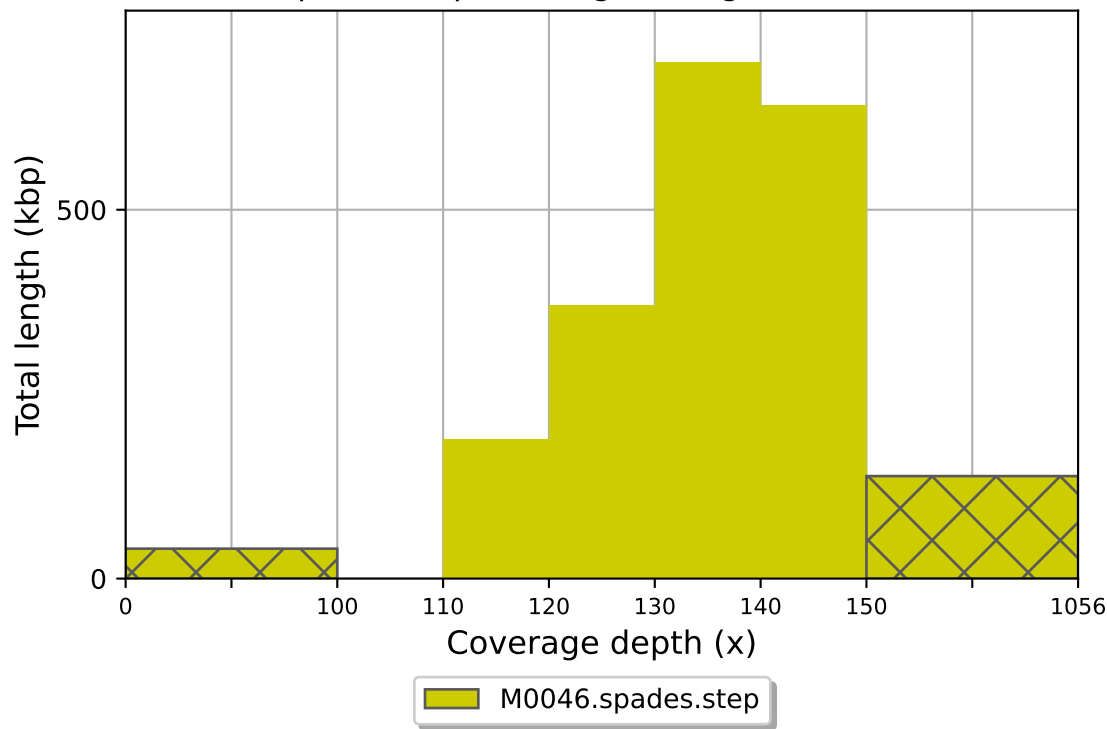
M0030.final\_assembly coverage histogram (bin size: 1x)



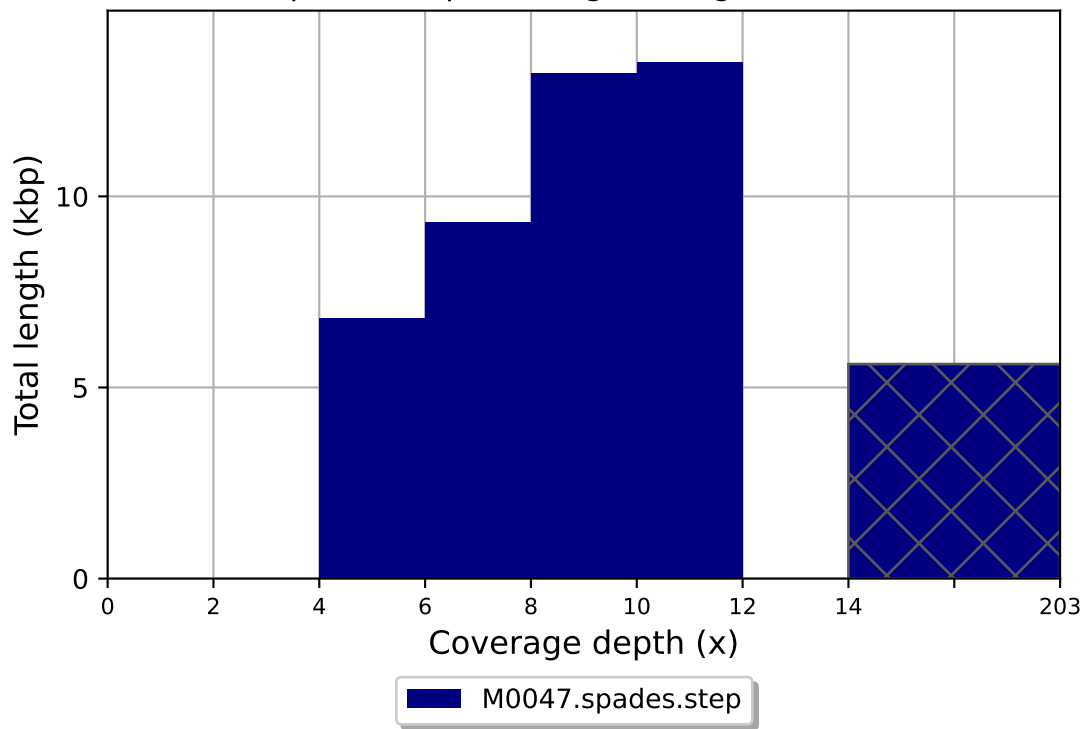
M0045.spades.step coverage histogram (bin size: 34x)



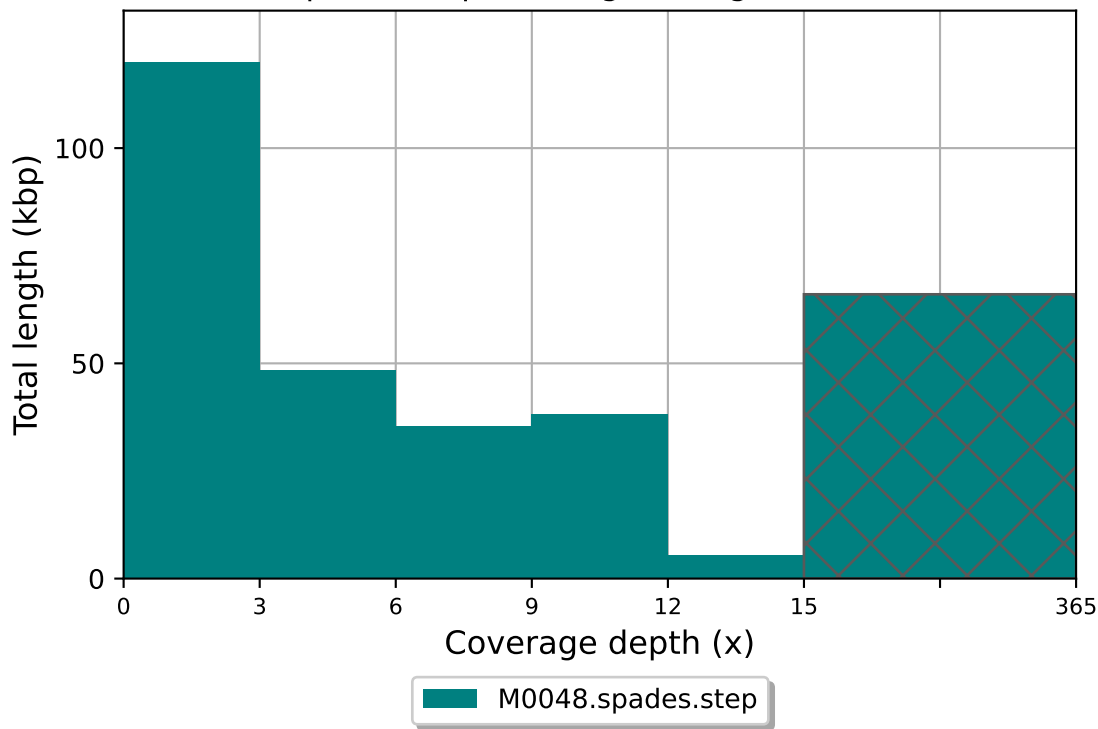
M0046.spades.step coverage histogram (bin size: 10x)



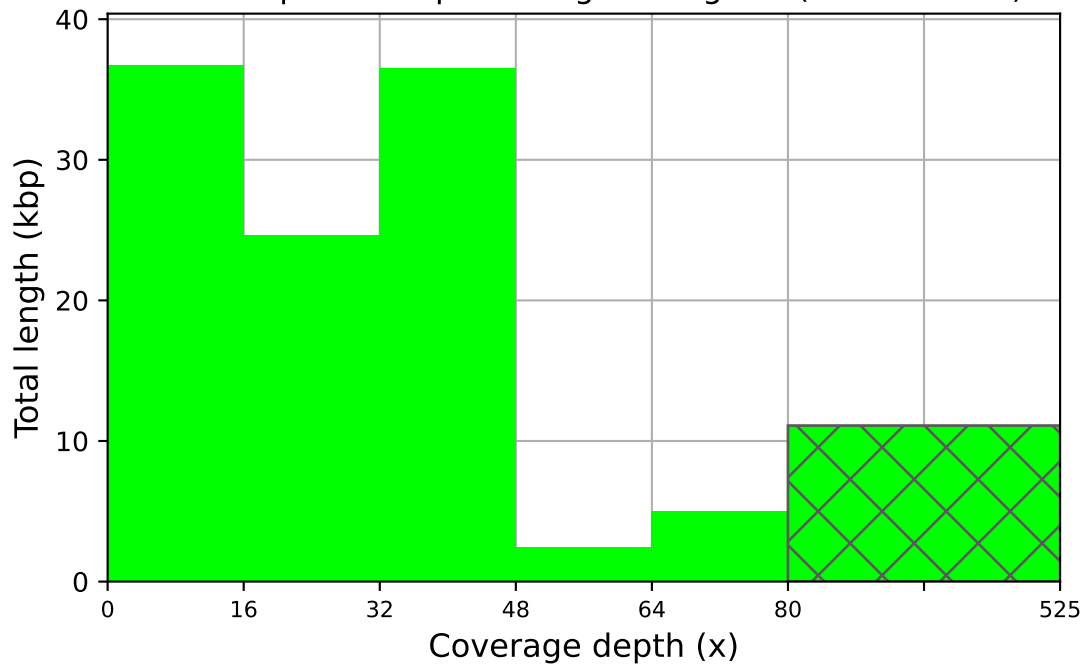
M0047.spades.step coverage histogram (bin size: 2x)



M0048.spades.step coverage histogram (bin size: 3x)

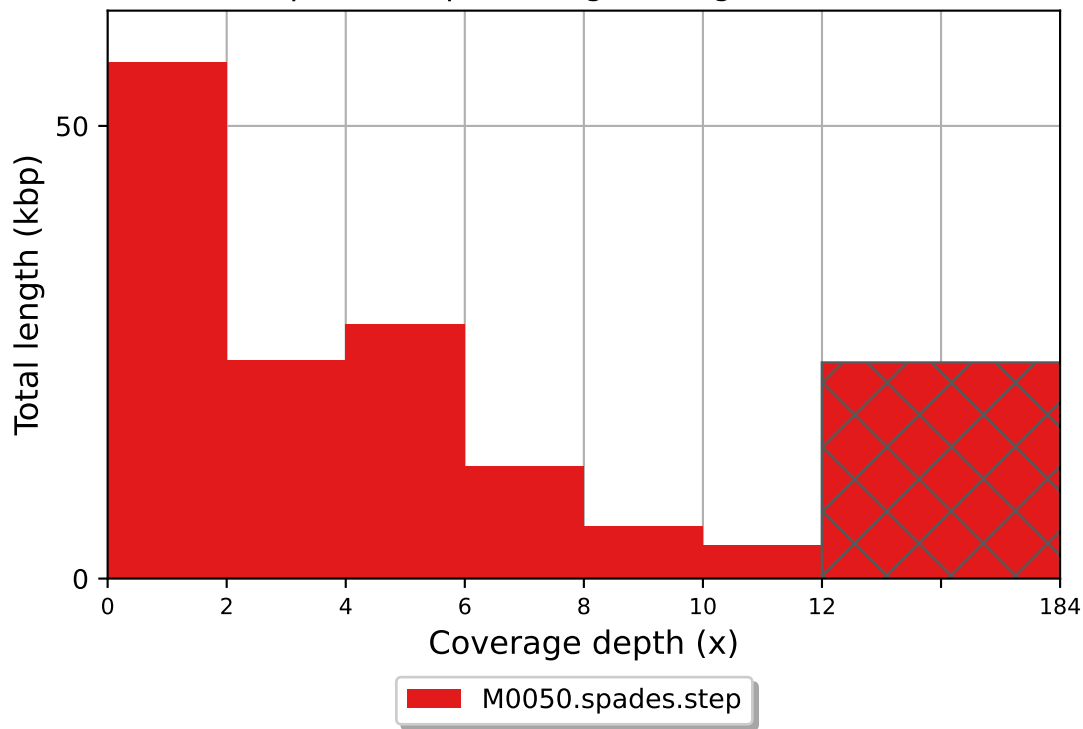


M0049.spades.step coverage histogram (bin size: 16x)



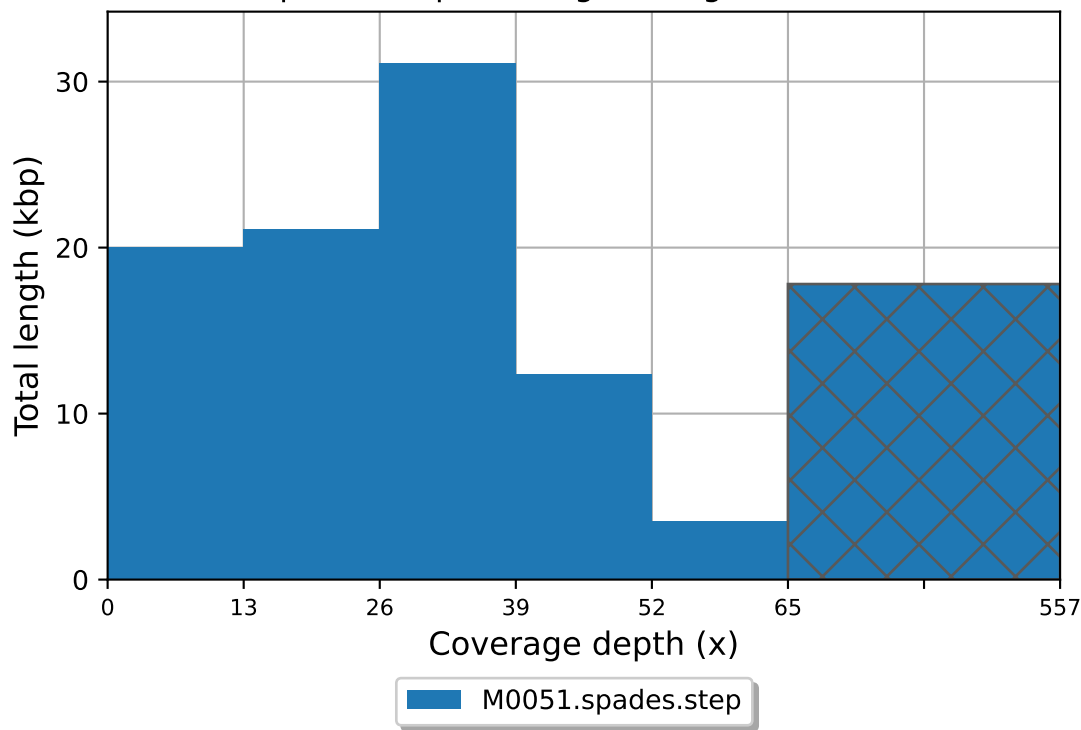
M0049.spades.step

M0050.spades.step coverage histogram (bin size: 2x)

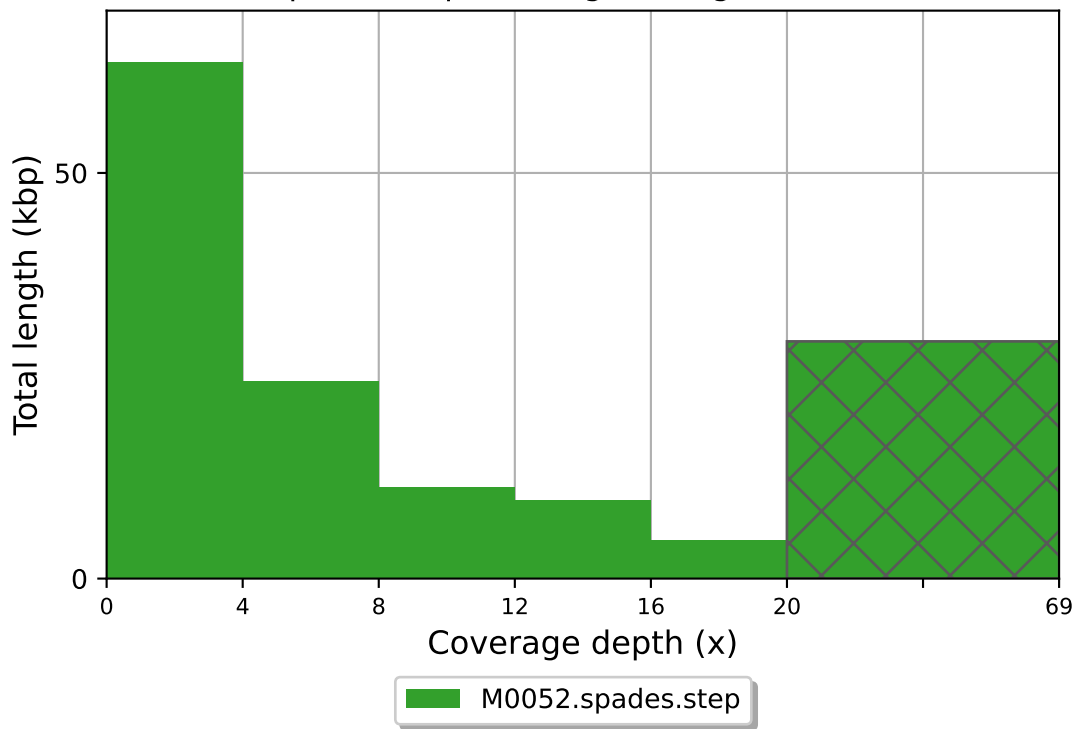




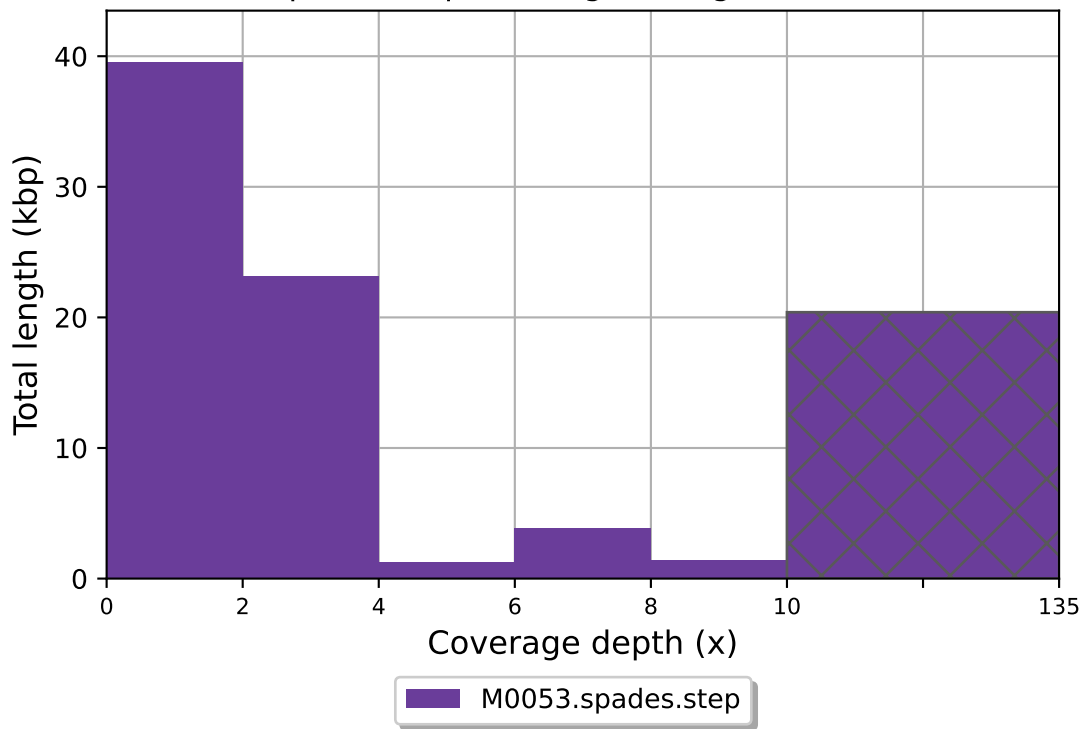
M0051.spades.step coverage histogram (bin size: 13x)



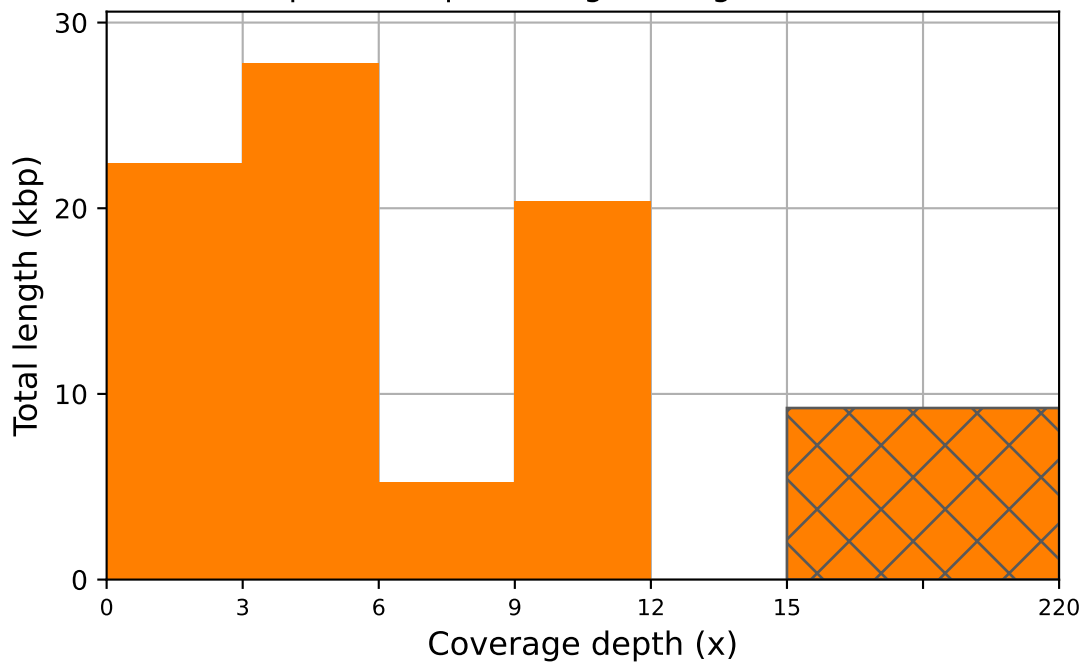
M0052.spades.step coverage histogram (bin size: 4x)



M0053.spades.step coverage histogram (bin size: 2x)

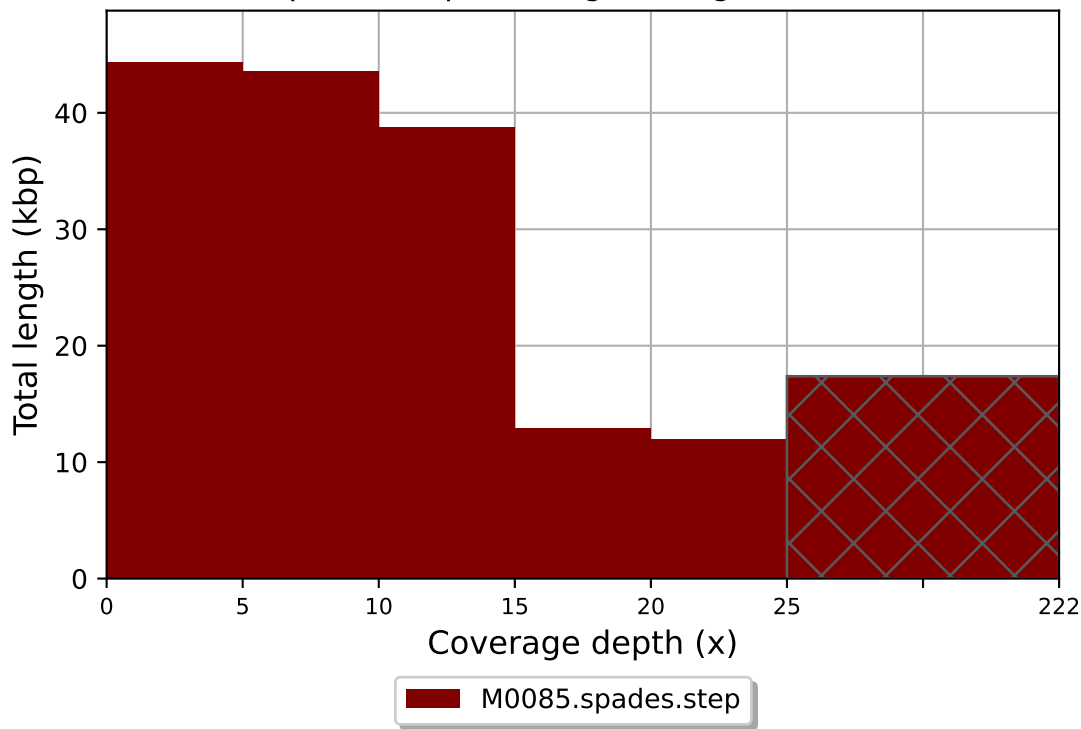


M0084.spades.step coverage histogram (bin size: 3x)

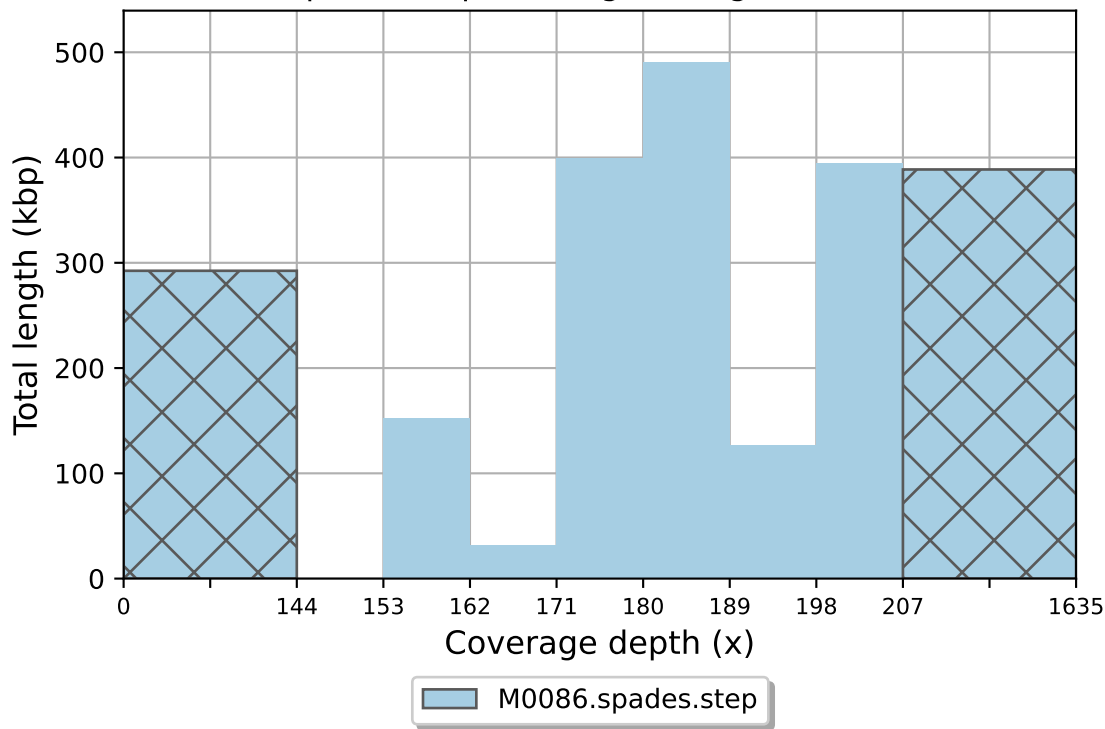


M0084.spades.step

M0085.spades.step coverage histogram (bin size: 5x)



M0086.spades.step coverage histogram (bin size: 9x)



M0087.spades.step coverage histogram (bin size: 18x)

