MicrococcusLuteusNCTC2665-	5-pe-150-300-10-120_contigs	MicrococcusLuteusNCTC2665-pe-150-300-10-30_contigs	MicrococcusLuteusNCTC2665-pe-150-450-10-180_contigs	MicrococcusLuteusNCTC2665-pe-150-450-10-45_contigs Microco	occusLuteusNCTC2665-pe-150-600-10-240_contigs	MicrococcusLuteusNCTC2665-pe-150-600-10-60_contigs	MicrococcusLuteusNCTC2665-pe-50-100-10_contigs	MicrococcusLuteusNCTC2665-pe-50-100-10-40_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-15_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-60_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-20_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-80_contigs	MicrococcusLuteusNCTC2665-se-150-300-10_contigs	MicrococcusLuteusNCTC2665-se-150-450-10_contigs	MicrococcusLuteusNCTC2665-se-150-600-10_contigs	MicrococcusLuteusNCTC2665-se-50-100-10_contigs Mic	rococcusLuteusNCTC2665-se-50-150-10_contigs	MicrococcusLuteusNCTC2665-se-50-200-10_contigs	MicrococcusLuteusNCTC2665-pe-250-1000-10-100_contigs	MicrococcusLuteusNCTC2665-pe-250-1000-10-400_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-200_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-50_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-300_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-75_contigs	MicrococcusLuteusNCTC2665-se-250-1000-10_contigs	MicrococcusLuteusNCTC2665-se-250-500-10_contigs	MicrococcusLuteusNC
	104	130	93	68	73	69	4219	4093	3970	3931	3811	3995	120	126	132	4939	4872	5054	67	69	80	63	74	61	59	59	
	100	90	80	64	67	64	12	2 9	10	10	14	11	90	90	91	203	186	187	58	60	66	59	62	58	58	56	
	2460006	2456795	2453219	2443156	2450001	2442692	1167635	5 1134162	1101131	1076404	1063606	1105013	2451594	2452138	2452217	2154363	2100938	2157810	2455485	2457654	2456651	2454045	2458610	2453043	2448133	2450517	
	2457168	2441481	2447327	2439687	2446673	2438735	20486	5 15006	16203	13698	22045	18644	2439969	2435950	2436407	268132	242726	239342	2450197	2453342	2449958	2450779	2453406	2451258	2447189	2448724	1
	103	103	85	68	71	69	134	144	169	130	162	148	102	105	105	1401	1337	1357	63	62	73	63	65	60	59	57	
	165470	210079	161707	271401	204125	209188	2764	1 2085	2101	1973	1925	2848	163870	143376	229930	6265	7898	3494	271504	157319	276727	271561	291752	293676	242847	193471	
	2459571	2450775	2451140	2443156	2449663	2442692	93068	95179	110608	85273	112190	101583	2448109	2446926	2446156	1067867	1012775	1013433	2453726	2454540	2454318	2454045	2455309	2452657	2448133	2449668	
	2501097	2501097	2501097	2501097	2501097	2501097	2501097	7 2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	2501097	
	73.14	73.09	73.10	73.12	73.10	73.12	71.30	71.65	71.21	71.25	70.66	71.23	73.11	73.11	73.11	72.92	73.03	72.92	73.09	73.09	73.08	73.09	73.09	73.09	73.11	73.11	
	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	73.00	
	43932	60765	102777	88969	98078	88969	618	604	606	592	628	638	48963	50440	50442	757	755	727	113302	85428	84544	98696	85776	94320	110933	113303	
	42891	57169	84702	88969	95226	88969	-		-	-	-	-	47941	50440	50442	-	-	-	113302	85428	84544	98696	85729	93380	109333	113303	
	25764	32552	35650	43816	41379	43816	544	1 540	535	544	544	549	28565	31098	37461	605	602	597	49335	48009	41051	41025	40734	51076	47348	65786	
	25202	31246	31673	40944	40634	41136	-		·	· .	-	-	27712	29447	31095		<u> </u>	-	43917	47834	40762	40780	37707	48135	43885	51536	
	15	12	10	9	10	9	49	9 56	67	52	61	56	14	15	13	516	495	505	8	10	10	9	8	9	8	9	
	16	13	11	9	11	9	-		-	-	-	-	15	15	13	-	<del>-</del>	-	8	10	10	9	9	10	9	9	
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	35	27	23	19	21	19	-		-	-	-	-	31	31	29	-	<del>-</del>	-	16	21	21	20	19	19	17	17	
	6	0	3	2	4	3	40	39	36	38	29	40	0	0	0	190	165	199	5	3	8	4	6	5	4	5	$\perp$
	6	0	3	2	4	3	36	5 35	35	33	29	36	0	0	0	177	153	183	5	3	6	4	5	4	4	5	
	159810	0	201986	149000	202268	119423	28644	25801	27756	25239	25044	26692	0	0	0	170289	146492	162502	271865	95192	401720	283342	400401	415550	400029	240903	
	2	0	5	1	0	2	0	0	0	1	0	1	0	0	0	5	4	3	0	0	1	0	0	0	0	0	
	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 15 part	1 + 19 part	1 + 22 part	0 + 17 part	8 + 21 part	5 + 10 part	0 + 0 part	0 + 0 part	0 + 0 part	1 + 27 part	2 + 33 part	0 + 29 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	0 + 0 part	
	0	0	0	0	0	0	846	5 1408	1627	927	7166	3582	0	0	0	5035	3731	2181	0	0	0	0	0	0	0	0	
	97.843	97.881	98.204	97.670	98.002	97.738	3.822	3.810	4.617	3.645	4.509	4.077	97.797	97.754	97.722	42.614	40.743	40.730	98.114	98.151	98.285	98.229	98.327	98.185	98.026	98.060	
	1.008	1.001	0.999	1.001	1.000	1.001	0.985	5 1.004	0.984	0.956	0.933	0.988	1.001	1.001	1.001	1.004	0.995	1.001	1.001	1.000	1.001	1.000	1.000	1.001	1.000	1.000	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	11.85	11.19	12.46	11.30	23.30	12.89	655.95	834.17	672.88	716.36	783.81	701.21	5.19	4.25	4.21	387.21	359.85	379.70	36.06	36.83	47.80	37.98	33.83	34.82	12.69	11.46	
	0.25	0.20	0.94	1.02	0.90	0.45	12.55	13.64	24.25	17.55	51./8	21.58	0.00	0.29	0.12	6.00	4.02	4.42	0.49	0.45	0.73	0.28	0.24	0.04	0.29	0.45	
	2231 + 63 part	2247 + 66 part	2258 + 51 part	2263 + 28 part	2267 + 38 part	2267 + 26 part	19 + 170 part	19 + 180 part	28 + 191 part	26 + 161 part	24 + 181 part	24 + 174 part	2238 + 65 part	2241 + 59 part	2241 + 53 part	167 + 1399 part	185 + 1356 part	182 + 1365 part	2270 + 57 part	2271 + 56 part	2271 + 59 part	2268 + 62 part	2277 + 53 part	2274 + 45 part	2265 + 56 part	2271 + 51 part	
	165470	2100/9	159225	2/1401	204125	209188	2/64	1855	2082	1/28	1810	23/1	163870	1433/6	229930	4161	5/48	3494	2/1504	15/319	1/8542	2/1561	2/4546	2/0305	194928	1934/1	
	43932	60/65	84/02	85/65	95226	88969	576	567	563	559	587	568	48963	50440	50442	697	701	690	113302	85428	83156	92212	85/76	93380	109333	113303	4
	40918	5/169	84/02	85/65	88969	88969	-	· · · · · · · · · · · · · · · · · · ·		-	-	-	4/941	50440	50442	-	-	-	1119/0	85428	83156	92212	85/29	93380	109333	113303	4
	24081	32552	31673	40944	39910	41136	504	+ 505	507	502	513	506	28565	31098	3/43/	569	567	559	48067	47826	38051	41025	40/34	43789	4/348	4/576	4
	23681	31246	31209	40629	35810	40634	<u> </u>		-		-	-	27712	29447	31095	-	-	-	43917	39119	32634	40780	37707	41775	43885	43916	4
	15	12	11	9	10	9	54	+ 61	73	57	66	60	14	15	13	557	526	540	8	10	11	9	8	10	9	9	4
	16	13	11	9	11	9	-	-	-	-	•	-	15	15	13	-	-	-	9	10	11	9	9	10	9	9	4
	35	26	23	18	21	19	98	106	125	97	117	108	30	30	27	984	928	950	16	20	23	19	18	19	18	17	
	37	27	24	19	22	20	-	-	-	-	-	-	31	31	29	-	<del>-</del>	-	17	21	24	20	19	20	19	18	

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).

	crococcusLuteusNCTC2665-pe-150-300-10-120_contigs	MicrococcusLuteusNCTC2665-pe-150-300-10-30_contigs	MicrococcusLuteusNCTC2665-pe-150-450-10-180_contigs	MicrococcusLuteusNCTC2665-pe-150-450-10-45_contigs	s MicrococcusLuteusNCTC2665-pe-150-600-10-240_contigs	MicrococcusLuteusNCTC2665-pe-150-600-10-60_contigs	MicrococcusLuteusNCTC2665-pe-50-100-10-10_contigs	MicrococcusLuteusNCTC2665-pe-50-100-10-40_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-15_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-60_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-20_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-80_contigs	MicrococcusLuteusNCTC2665-se-150-300-10_contigs	MicrococcusLuteusNCTC2665-se-150-450-10_contigs	MicrococcusLuteusNCTC2665-se-150-600-10_contigs	MicrococcusLuteusNCTC2665-se-50-100-10_contigs	MicrococcusLuteusNCTC2665-se-50-150-10_contigs	MicrococcusLuteusNCTC2665-se-50-200-10_contigs	MicrococcusLuteusNCTC2665-pe-250-1000-10-100_contigs	MicrococcusLuteusNCTC2665-pe-250-1000-10-400_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-200_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-50_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-300_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-75_contigs	MicrococcusLuteusNCTC2665-se-250-1000-10_contigs	MicrococcusLuteusNCTC2665-se-250-500-10_contigs	MicrococcusLuteusNCTC2665-se-250-750-10_contigs
misassemblies	6	0	3		2 4	3	40	39	36	38	29	40	0	0	0	190	165	199	5	3	8	4	6	5	4	5	1
# relocations	6	0	3		2 4	3	39	36	34	37	28	38	0	0	0	187	165	197	5	3	8	4	6	5	4	5	1
# translocations	0	0	0		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
# inversions	0	0	0		0 0	0	1	3	2	1	1	2	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0
misassembled contigs	6	0	3		2 4	3	36	35	35	33	29	36	0	0	0	177	153	183	5	3	6	4	5	4	4	5	1
sassembled contigs length	159810	0	201986	14900	00 202268	119423	28644	25801	27756	25239	25044	26692	0	0	0	170289	146492	162502	271865	95192	401720	283342	400401	415550	400029	240903	255354
local misassemblies	2	0	5		1 0	2	0	0	0	1	0	1	0	0	0	5	4	3	0	0	1	0	0	0	0	0	0
mismatches	290	274	306	27	76 571	315	627	795	777	653	878	715	127	104	103	4127	3667	3868	885	904	1175	933	832	855	311	281	185
indels	6	5	23		25 22	11	12	13	28	16	58	22	0	7	3	64	41	45	12	! 11	18	7	6	1	7	11	4
# short indels	3	4	14		15 18	4	12	13	22	15	37	21	0	5	2	59	40	42	9	11	18	7	6	0	7	11	4
# long indels	3	1	9		10 4	7	0	0	6	1	21	1	0	2	1	5	1	3	3	0	0	0	0	1	0	0	0
dels length	102	36	231	29	94 146	135	13	16	124	37	305	49	0	70	34	181	66	116	66	13	24	10	6	45	7	13	4

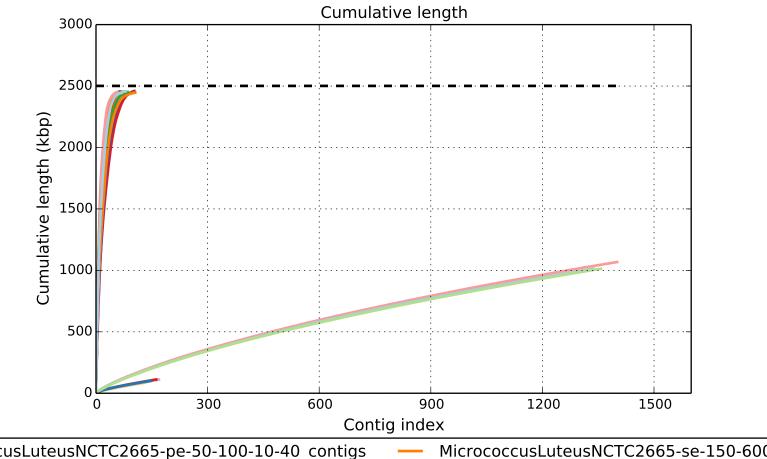
Misassemblies report

(e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

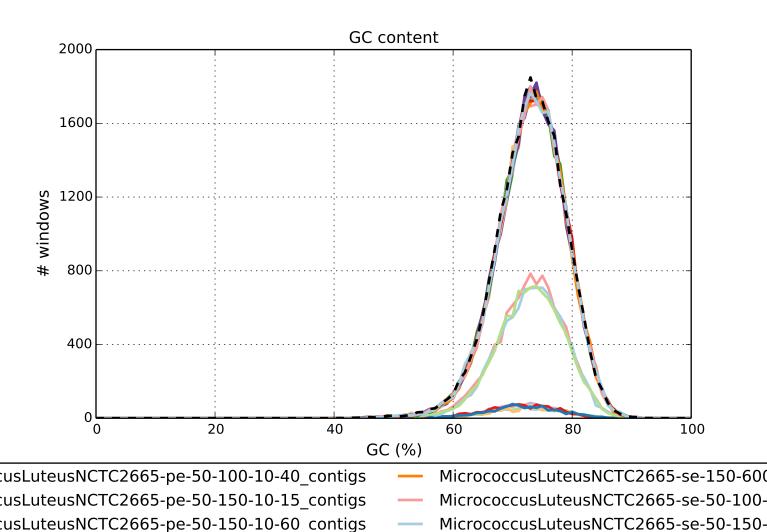
Micr	occusLuteusNCTC2665-pe-150-300-10-120_contigs MicrococcusLuteusNCTC2665-pe-150-300-10-30_contigs	MicrococcusLuteusNCTC2665-pe-150-450-10-180_contigs MicrococcusLuteusNCTC2665-pe-150-450-10-45_contigs MicrococcusLuteusNCTC2665-pe-150-600-10-240_contigs	MicrococcusLuteusNCTC2665-pe-150-600-10-60_contigs MicrococcusLuteusNCTC2665-pe-50-100-10-10_contigs M	MicrococcusLuteusNCTC2665-pe-50-100-10-40_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-15_contigs	MicrococcusLuteusNCTC2665-pe-50-150-10-60_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-20_contigs	MicrococcusLuteusNCTC2665-pe-50-200-10-80_contigs	MicrococcusLuteusNCTC2665-se-150-300-10_contigs	MicrococcusLuteusNCTC2665-se-150-450-10_contigs MicrococcusLuteusNCTC2665-se-150-	00-10_contigs MicrococcusLuteusNCTC2665-se-	e-50-100-10_contigs MicrococcusLuteusNCTC2665-s	e-50-150-10_contigs MicrococcusLuteusNCTC26	se-50-200-10_contigs MicrococcusLuteusNCTC2665-pe-250-1	000-10-100_contigs MicrococcusLuteusNCTC2665-pe-250-1000-10-400_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-200_contigs	MicrococcusLuteusNCTC2665-pe-250-500-10-50_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-300_contigs	MicrococcusLuteusNCTC2665-pe-250-750-10-75_contigs	MicrococcusLuteusNCTC2665-se-250-1000-10_contigs	MicrococcusLuteusNCTC2665-se-250-500-10_contigs MicrococcusLuteusNCTC2665-se-250-750-10_contigs
# fully unaligned contigs	0 0	0 0	0 0	1	1	0	8	5	0	0	0	1	2	0	0 0	0	0	0	0	0	0 0
Fully unaligned length	0 0		0   0	564	551	0	4935	2955	0	0	0	588	1998	0	0 0	0	0	0	0	0	0 0
# partially unaligned contigs	0 0	0 0 0	0 15	19	22	17	21	10	0	0	0	27	33	29	0 0	0	0	0	0	0	0 0
# with misassembly	0	0 0		0	0	0	1	0	0 1	0	0	0	0	0	0	0 1	0	0	0	0	0
# both parts are significant	0 0	0 0	0   0	0	0	0	0	0	0	0	0	1	0	0	0 0	0	0	0	0	0	0 0
Partially unaligned length	0 0	0 0	0 846	844	1076	927	2231	627	0	0	0	4447	1733	2181	0 0	0	0	0	0	0	0 0
# N's	0 0		0 0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0 0
<u> </u>	•		·			•	•	·		•	•	•	•	•	•	•				·	

Unaligned report

(e.g., "# contigs ( $\geq$  0 bp)" and "Total length ( $\geq$  0 bp)" include all contigs).

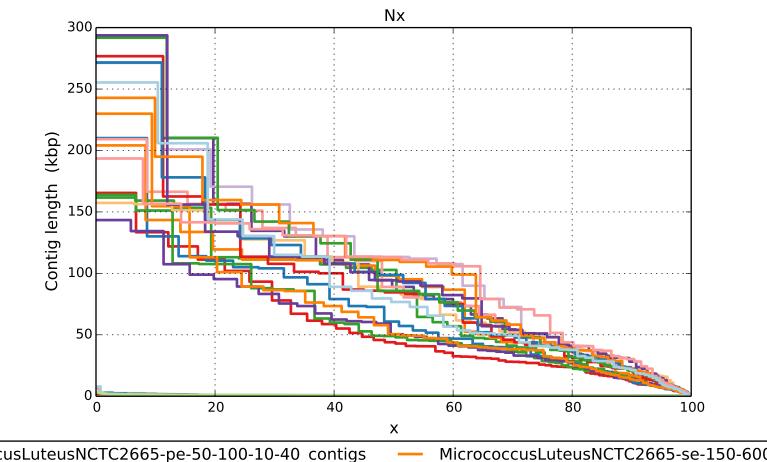


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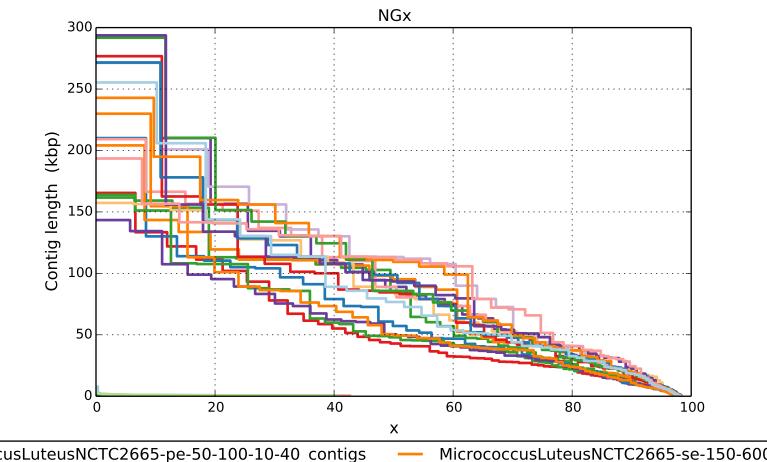


MicrococcusLuteusNCTC2665-se-50-200-

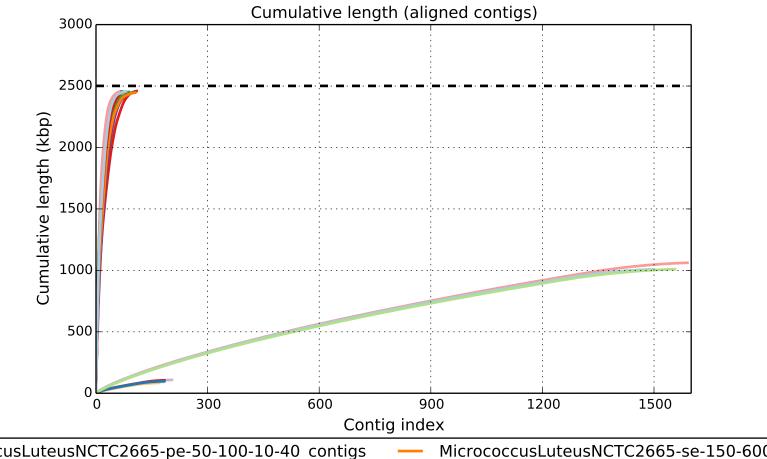
cusLuteusNCTC2665-pe-50-200-10-20 contigs



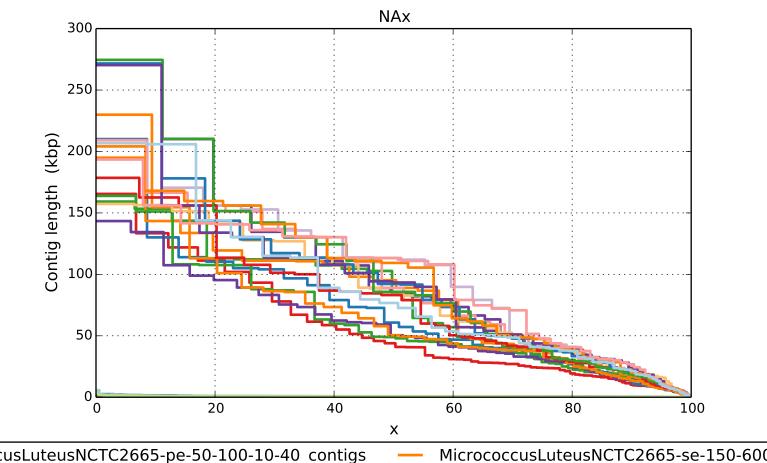
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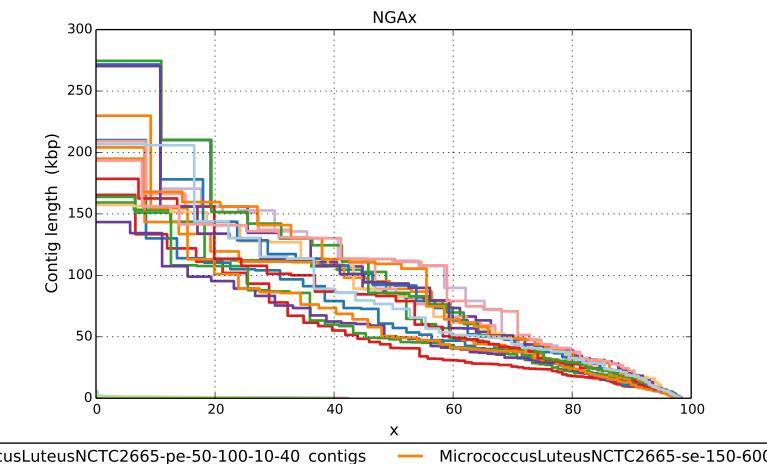
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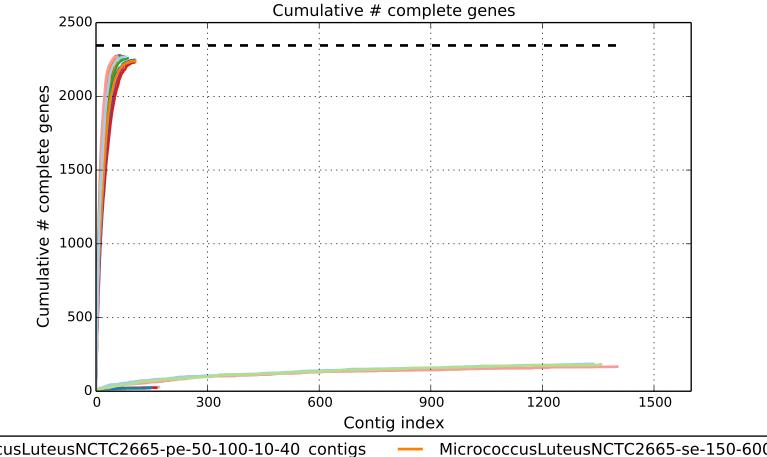
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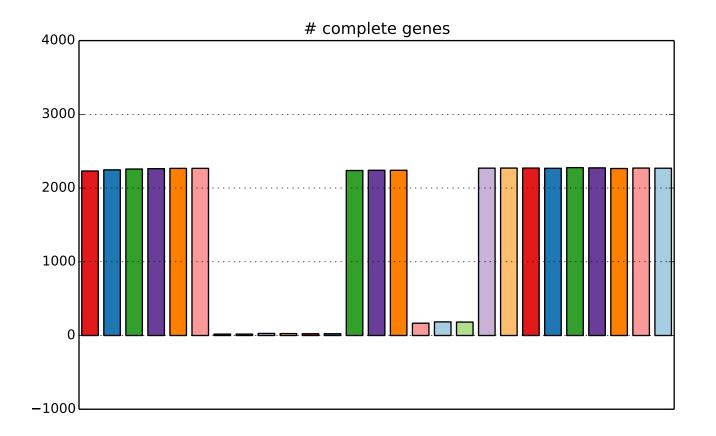
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cusLuteusNCTC2665-pe-50-150-10-15\_contigs — MicrococcusLuteusNCTC2665-se-50-100cusLuteusNCTC2665-pe-50-150-10-60\_contigs — MicrococcusLuteusNCTC2665-se-50-150cusLuteusNCTC2665-pe-50-200-10-20 contigs — MicrococcusLuteusNCTC2665-se-50-200-



cusLuteusNCTC2665-pe-50-100-10-40\_contigs — MicrococcusLuteusNCTC2665-se-150-600 cusLuteusNCTC2665-pe-50-150-10-60\_contigs — MicrococcusLuteusNCTC2665-se-50-150-cusLuteusNCTC2665-pe-50-200-10-20 contigs — MicrococcusLuteusNCTC2665-se-50-200-





MicrococcusLuteusNCTC2665-se-150-600

cusLuteusNCTC2665-pe-50-100-10-40 contigs

