Report

# contigs (>= 0 bp) 237 # contigs (>= 1000 bp) 226 # contigs (>= 5000 bp) 187 # contigs (>= 10000 bp) 167 # contigs (>= 25000 bp) 124 # contigs (>= 50000 bp) 105 Total length (>= 0 bp) 115786471 Total length (>= 1000 bp) 115778864 Total length (>= 5000 bp) 115665068 Total length (>= 5000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114794082 Total length (>= 50000 bp) 114794082 Total length (>= 50000 bp) 114794082 Total length (>= 60000 bp) 114794082 Total length (>= 10000 bp) 114794082 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99 # N's per 100 kbp 0.86		flye
# contigs (>= 5000 bp) 187 # contigs (>= 10000 bp) 167 # contigs (>= 25000 bp) 124 # contigs (>= 50000 bp) 105 Total length (>= 0 bp) 115786471 Total length (>= 1000 bp) 11578864 Total length (>= 5000 bp) 115518973 Total length (>= 25000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 5000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs (>= 0 bp)	237
# contigs (>= 10000 bp) 167 # contigs (>= 25000 bp) 124 # contigs (>= 50000 bp) 105 Total length (>= 0 bp) 115786471 Total length (>= 1000 bp) 11578864 Total length (>= 5000 bp) 115518973 Total length (>= 25000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 5000 bp) 114794082 Total length (>= 5000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs (>= 1000 bp)	226
# contigs (>= 25000 bp) 124 # contigs (>= 50000 bp) 105 Total length (>= 0 bp) 115786471 Total length (>= 1000 bp) 115778864 Total length (>= 5000 bp) 115665068 Total length (>= 10000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114794082 Total length (>= 50000 bp) 114794082 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs (>= 5000 bp)	187
# contigs (>= 50000 bp) 105 Total length (>= 0 bp) 115786471 Total length (>= 1000 bp) 115778864 Total length (>= 5000 bp) 115665068 Total length (>= 10000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs (>= 10000 bp)	167
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Total length (>= 1000 bp) 115778864 Total length (>= 5000 bp) 115665068 Total length (>= 10000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs (>= 50000 bp)	105
Total length (>= 5000 bp) 115665068 Total length (>= 10000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 0 bp)	115786471
Total length (>= 10000 bp) 115518973 Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 1000 bp)	115778864
Total length (>= 25000 bp) 114794082 Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 5000 bp)	115665068
Total length (>= 50000 bp) 114102592 # contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 13000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 10000 bp)	115518973
# contigs 206 Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 25000 bp)	114794082
Largest contig 13644371 Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length (>= 50000 bp)	114102592
Total length 115742546 Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# contigs	206
Estimated reference length 130000000 GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Largest contig	13644371
GC (%) 36.06 N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Total length	115742546
N50 10060011 NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Estimated reference length	130000000
NG50 7870434 N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	GC (%)	36.06
N90 394722 auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	N50	10060011
auN 7925817.5 auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	NG50	7870434
auNG 7056571.5 L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	N90	394722
L50 5 LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	auN	7925817.5
LG50 6 L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	auNG	7056571.5
L90 32 # total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	L50	5
# total reads 1128688 # left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	LG50	6
# left 0 # right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	L90	32
# right 0 Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# total reads	1128688
Mapped (%) 126.81 Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# left	0
Properly paired (%) 0.0 Avg. coverage depth 59 Coverage >= 1x (%) 99.99	# right	0
Avg. coverage depth 59 Coverage >= 1x (%) 99.99	Mapped (%)	126.81
Coverage >= 1x (%) 99.99	Properly paired (%)	0.0
•	Avg. coverage depth	59
# N's per 100 kbp 0.86	Coverage >= 1x (%)	99.99
	# N's per 100 kbp	0.86

All statistics are based on contigs of size >= 3000 bp, unless otherwise noted (e.g., "# contigs (>= 0 bp)" and "Total length (>= 0 bp)" include all contigs).

Reads report

	flye
# total reads	1128688
# left	0
# right	0
# mapped	1431321
Mapped (%)	126.81
# properly paired	0
Properly paired (%)	0.0
# singletons	0
Singletons (%)	0.0
# misjoint mates	0
Misjoint mates (%)	0.0
Avg. coverage depth	59
Coverage >= 1x (%)	99.99
Coverage >= 5x (%)	99.88
Coverage >= 10x (%)	99.84

All statistics are based on contigs of size \geq 3000 bp, unless otherwise noted (e.g., "# contigs (\geq 0 bp)" and "Total length (\geq 0 bp)" include all contigs).









