

a)

Statistic	Before Polishing	After Polishing
Number of Contigs ( $\geq 5000$ bp)	13,731	13,730
Total Length ( $\geq 50000$ bp)	2,983,091,294	2,985,484,301
Number of Contigs ( $\geq 1000$ bp)	15,266	15,267
Number of Contigs ( $\geq 10000$ bp)	12,884	12,883
Number of N's per 100 kbp	0.12	0.09
Total Length	3,086,629,787	3,088,859,971
GC (%)	40.66	40.66
L75	4,050	4,050
Largest Contig	4,157,475	4,160,815
Total Length ( $\geq 10000$ bp)	3,075,586,967	3,077,805,048
Number of Contigs ( $\geq 0$ bp)	15,617	15,617
L50	1,801	1,801
Number of Contigs	15,602	15,602
Total Length ( $\geq 1000$ bp)	3,086,395,947	3,088,627,062
Total Length ( $\geq 0$ bp)	3,086,634,846	3,088,865,031
Total Length ( $\geq 5000$ bp)	3,081,880,108	3,084,103,900
Total Length ( $\geq 25000$ bp)	3,045,366,563	3,047,614,467
Number of Contigs ( $\geq 50000$ bp)	9,355	9,359
N50	488,759	488,962
N75	239,815	239,985
Number of Contigs ( $\geq 25000$ bp)	11,062	11,063

b)

