

**Table 1.** Kokia Genome Assembly Statistics. All statistics are based on contigs of size  $\geq 500$  bp, unless otherwise noted (e.g., ”# contigs ( $\geq 0$  bp)” and ”Total length ( $\geq 0$  bp)” include all contigs).

Assembly	Kokia Scaffolds	Kokia Contigs
# contigs ( $\geq 0$ bp)	130430	-
# contigs ( $\geq 1000$ bp)	15404	21494
# contigs ( $\geq 5000$ bp)	7390	11998
# contigs ( $\geq 10000$ bp)	5267	8994
# contigs ( $\geq 25000$ bp)	3543	5501
# contigs ( $\geq 50000$ bp)	2385	2984
Total length ( $\geq 0$ bp)	<b>537779651</b>	-
Total length ( $\geq 1000$ bp)	<b>518114202</b>	516998315
Total length ( $\geq 5000$ bp)	<b>499433075</b>	494744281
Total length ( $\geq 10000$ bp)	<b>484390717</b>	473215614
Total length ( $\geq 25000$ bp)	<b>456973742</b>	415721086
Total length ( $\geq 50000$ bp)	<b>415141424</b>	325473417
# contigs	19146	25827
Largest contig	<b>2291099</b>	974327
Total length	<b>520833981</b>	520152831
GC (%)	33.08	33.08
N50	<b>176649</b>	72430
N75	<b>66795</b>	31815
L50	<b>756</b>	1895
L75	<b>1960</b>	4594
# N's per 100 kbp	84.02	<b>2.00</b>