

Table S2. Statistics of HiFi reads.

Description	read_1	read1_ccs	read_2	read2_ccs
Number of seq	8478353	537546	14774549	929729
min length (bp)	50	73	50	73
max length (bp)	324809	44662	360108	46655
Total size (Gb)	125.54	8.93	212.95	15.13
N90 (bp)	11923	13010	11794	12843
N80 (bp)	13305	14107	13154	13857
N70 (bp)	14413	15094	14208	14831
N60 (bp)	15466	15998	15255	15720
N50 (bp)	16541	16980	16303	16661
Average length	14808	16620	14413	16280
Total number (>500bp)	8383688	537538	14615450	929711
Total number (>2kb)	8101773	537322	14049228	928295