

Table S6. Statistics of contig-level genome assembly and annotation

Items	Contig level assembly(hifiasm)	After eliminating redundant sequences
Assembly size (bp)	2364144273	2081281359
No. of contigs	11541	8214
Maximum length (bp)	4038505	4038505
N90 (bp)	87708	118894
N80 (bp)	154085	197257
N70 (bp)	230307	285018
N60 (bp)	322958	379812
N50 (bp)	448918	508748
Average length (bp)	204847	253382