

Table S3. The completeness of genome assembly and gene annotation using BUSCO pipeline

Description	Number	Percentage (%)
	Genome	Protein-coding genes
Complete BUSCOs (C)	1567(97.1)	1267(92.2)
Complete and single-copy BUSCOs (S)	1453(90.0)	1057(76.9)
Complete and duplicated BUSCOs (D)	114(7.1)	210(15.3)
Fragmented BUSCOs (F)	21(1.3)	69(5.0)
Missing BUSCOs (M)	26(1.6)	39(2.8)
Total BUSCO groups searched	1375(100)	1375(100)