

**Table S8.** BUSCO completeness analysis of genome assembly and annotation

Description	Genome		Annotation	
	Number	Percentage (%)	Number	Percentage (%)
Complete BUSCOs (C)	1495	92.60%	1332	82.5%
Complete and single copy BUSCOs (S)	1369	84.80%	1206	74.70%
Complete and duplicated BUSCOs (D)	126	7.80%	126	7.8%
Fragmented BUSCOs (F)	59	3.70%	169	10.5%
Missing BUSCOs (M)	60	3.70%	113	7.0%
Total BUSCO groups searched	1614	100.00%	1614	100.00%