

**Table S6. BUSCO statistics of UQ-NIP-haplotype 2 assembly**

Statistics	Number	Percentage (%)
Complete BUSCOs (c)	403	94.9%
Complete and single-copy BUSCOs (S)	393	92.5%
Complete and duplicated BUSCOs (D)	10	2.4%
Fragmented BUSCOs (F)	2	0.5%
Missing BUSCOs (M)	20	4.6%
Total BUSCO groups searched	425	425.00