

Supplemental Table S1. Summary statistics of the raw Verkko assembly of *Pst104E*.

Assembly statistics	Raw Verkko assembly
Assembly size (bp)	168,220,354 bp
# contigs	355
# scaffolds	1
# haplotype-assigned contigs/scaffolds	40 (20 per haplotype)
GC content	44.12%
N/L50	4.5Mbp/17
N/L90	125Kbp/39
T2T contigs	26/36
T2T scaffolds	1/36
Complete BUSCOs*	92.5%
Fragmented BUSCOs	1.0%
Missing BUSCOs	6.5%
Mercury QV	49.0

*basidiomycota_odb10 lineage dataset from BUSCO v5.5.0. # BUSCOs = 1764.