Supplementary Materials

Phytoplasma DNA Enrichment from Sugarcane White Leaves for Shotgun Sequencing Improvement

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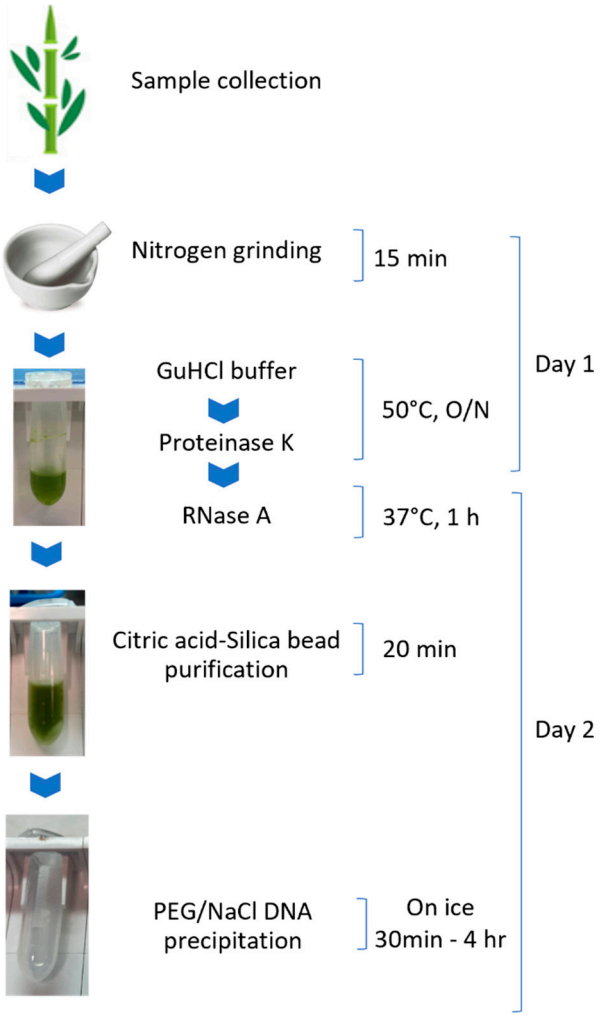


Figure S1: Schematic outline of high-quality sugarcane DNA purification by GuHCl-Silica based method.

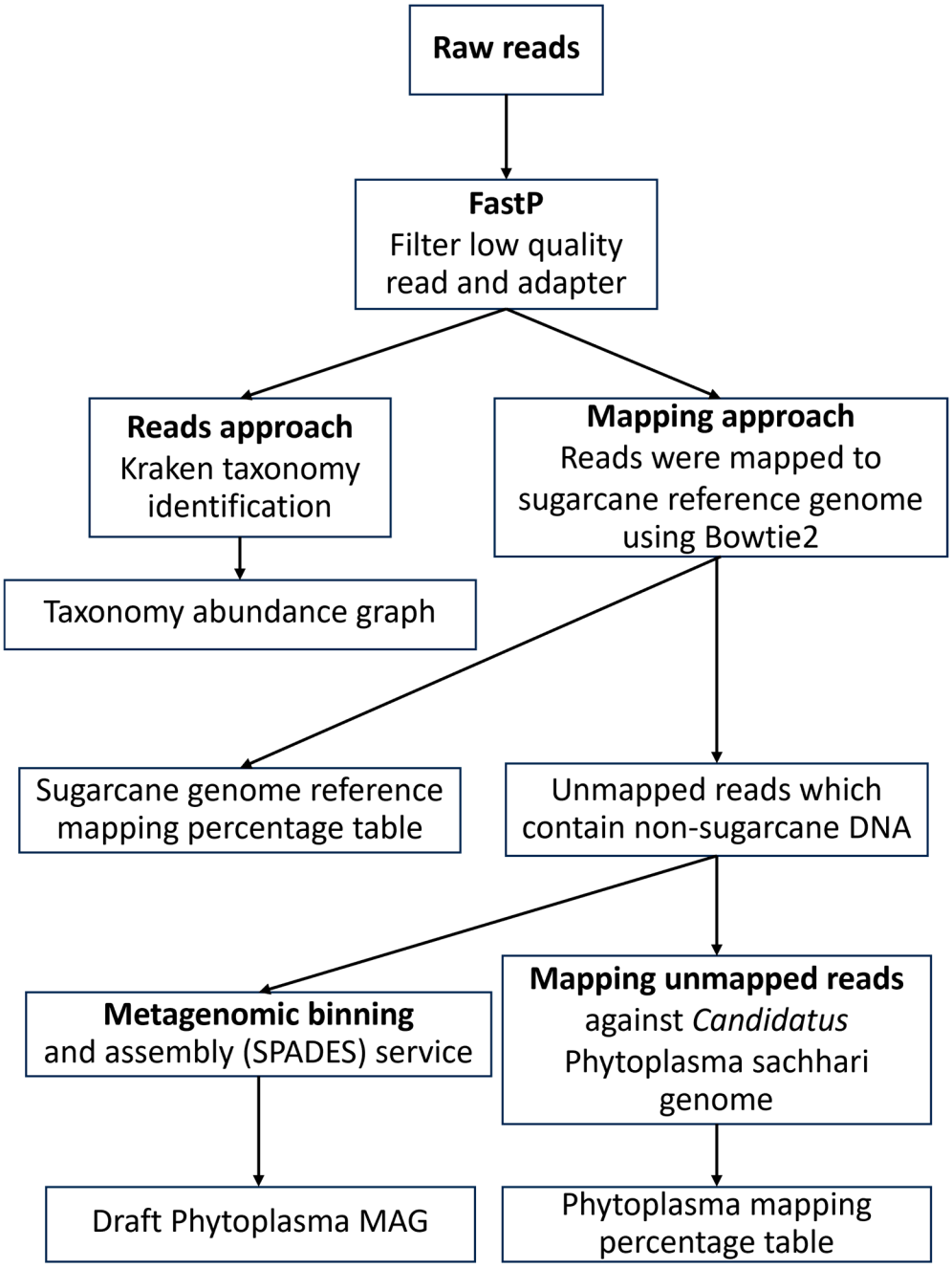


Figure S2: Workflow for phytoplasma DNA sequence analysis.

Table S1. Summary of shotgun sequencing data and read mapping to sugarcane and phytoplasma genomes.

Samples (4 replicates each)	NEBNext enrichment	Read length	Number of filtered reads	Mapped reads to sugarcane genome (%)	Mapped reads to phytoplasma genome (%)
en-TOTAL	yes	2×75	4075571	96.26	0.67
en-HMW	yes	2×75	4141043	98.24	0.29
en-LMW_75	yes	2×75	9772670	97.84	0.58
LMWWO_75	no	2×75	10968100	98.67	0.17
en-LMW_150	yes	2×150	5585181	97.70	0.58
LMWWO_150	no	2×150	5207919	98.39	0.21