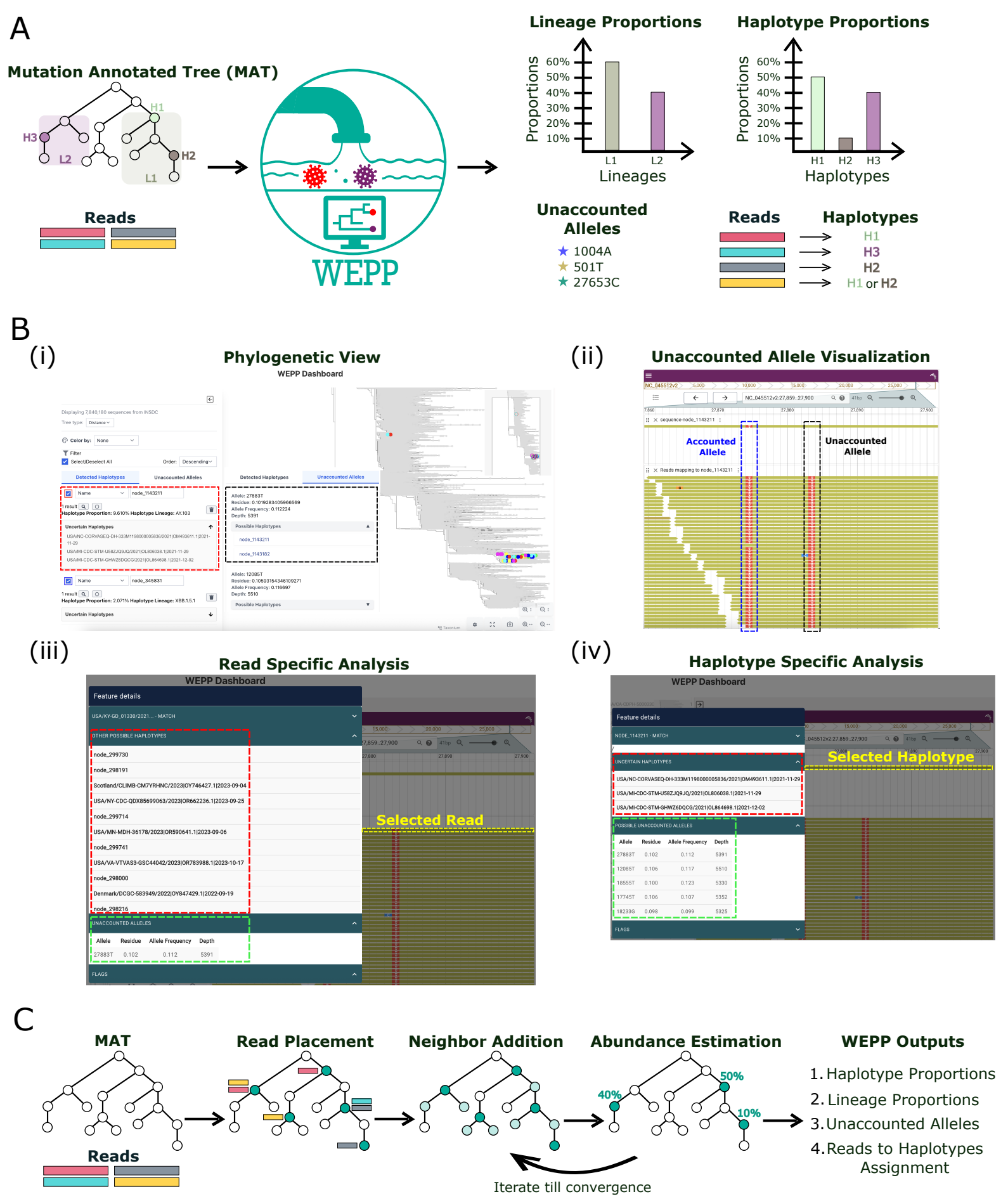
A
Mutation Annotated Tree (MAT)
H1
H3
L2
H2
L1
Reads
WEPP
Lineage Proportions
Proportions
60%
50%
40%
30%
20%
10%
L1
L2
Lineages
Haplotype Proportions
Proportions
60%
50%
40%
30%
20%
10%
H1
H2
H3
Haplotypes
Unaccounted Alleles
1004A
501T
27653C
Reads
Haplotypes
H1
H3
H2
H1 or H2
B
(i)
Phylogenetic View
WEPP Dashboard
(ii)
Unaccounted Allele Visualization
Accounted Allele
Unaccounted Allele
(iii)
Read Specific Analysis
WEPP Dashboard
Feature details
Selected Read
(iv)
Haplotype Specific Analysis
WEPP Dashboard
Feature details
Selected Haplotype
C
MAT
Reads
Read Placement
Neighbor Addition
Abundance Estimation
40%
50%
10%
Iterate till convergence
WEPP Outputs
1. Haplotype Proportions
2. Lineage Proportions
3. Unaccounted Alleles
4. Reads to Haplotypes Assignment