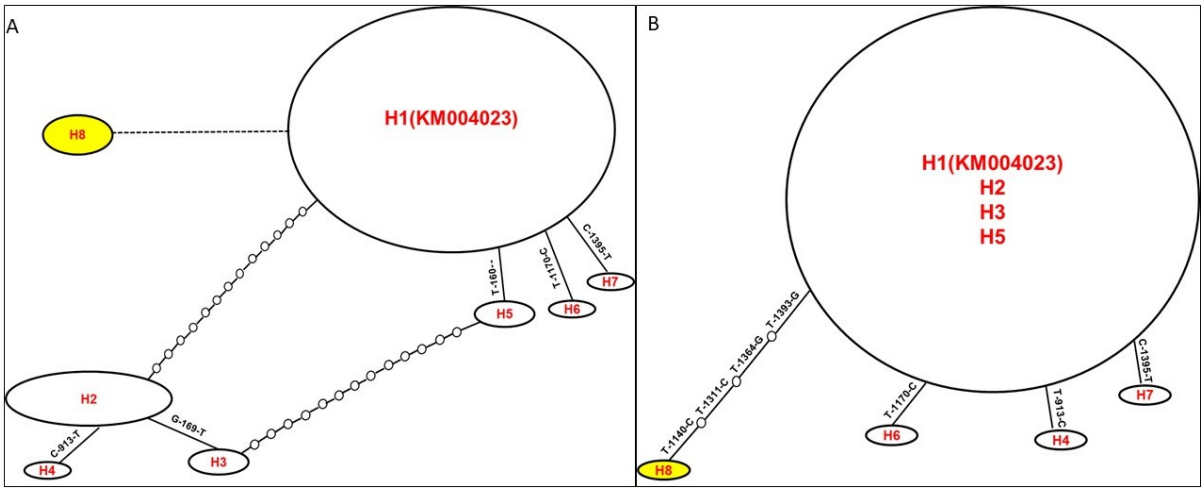

Figure S1. The haplotype network structured base on SNP (Panel-A) and insert/deletion (Panel-B) of the eight *AVR-Pi9* alleles collected from rice and non-rice host. The original *AVR-Pi9* allele was designated as the H1 haplotype in the network. The dotted line in the network represents an extinct or a missing haplotype not found among the samples. Each haplotype was separated by mutational events. All haplotypes were displayed as circles; circle size corresponds to the haplotype frequency. The H1 haplotype was the same as *AVR-Pi9* obtained from GenBank (accession no. KM004023.1).