

Supplemental Figures:

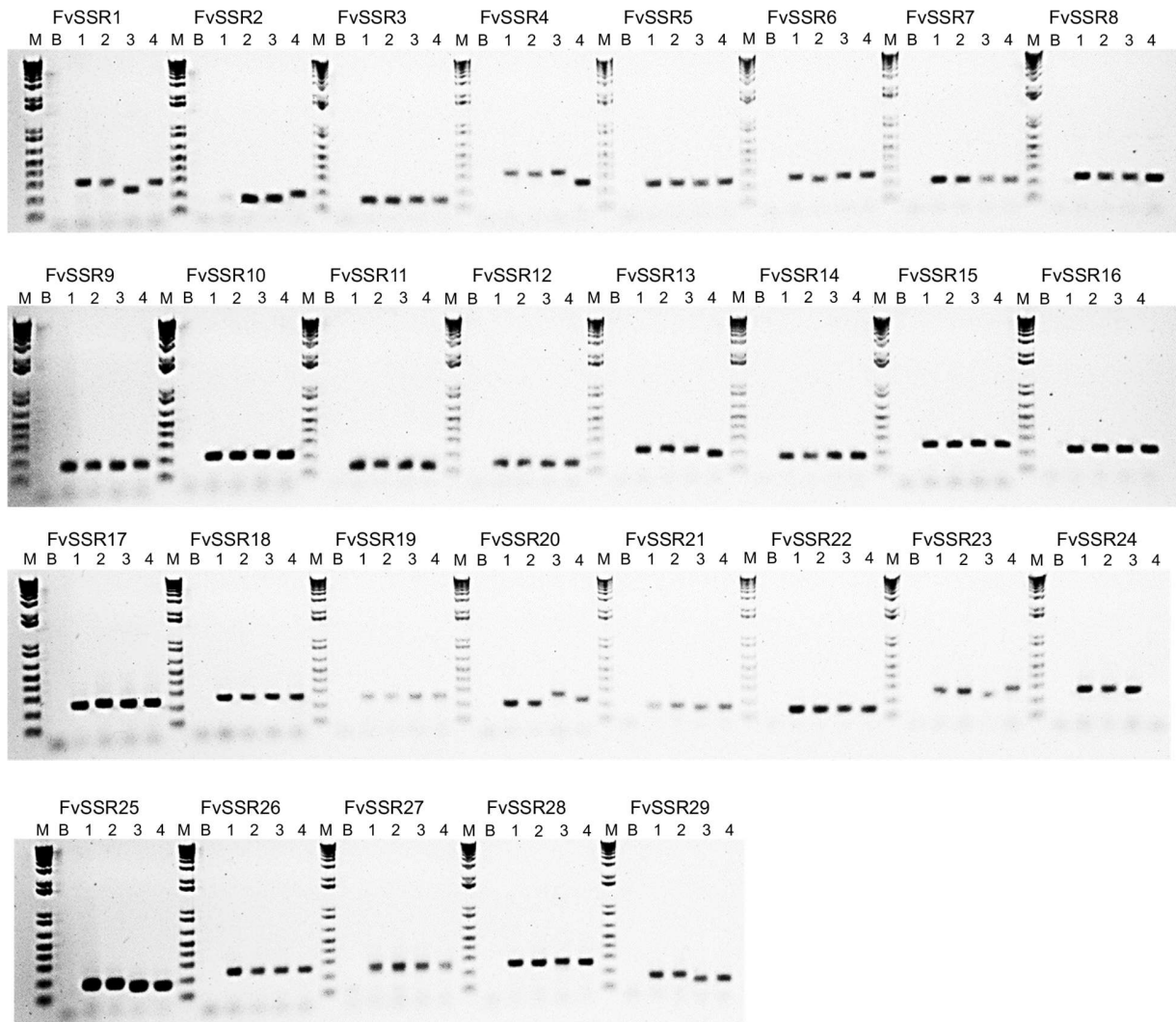


Figure S1. PCR amplification of 29 informative microsatellite loci in four *Fusarium virguliforme* strains. Microsatellite ids are listed at the top. Lane number: M, 1kb DNA ladder; B, negative control; 1, Mont-1; 2, NRRL34551; 3, LL0009; and 4, Clinton-1B.

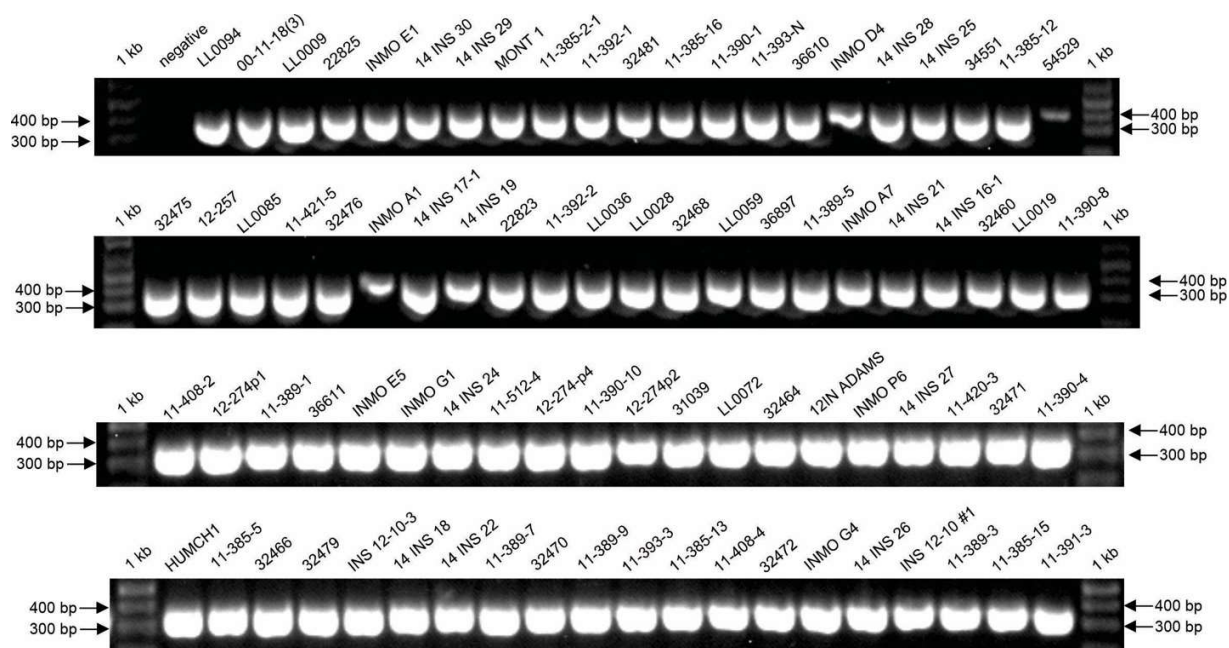


Figure S2. Confirmation of strain identity as *Fusarium virguliforme* using species-specific PCR as previously described [21].

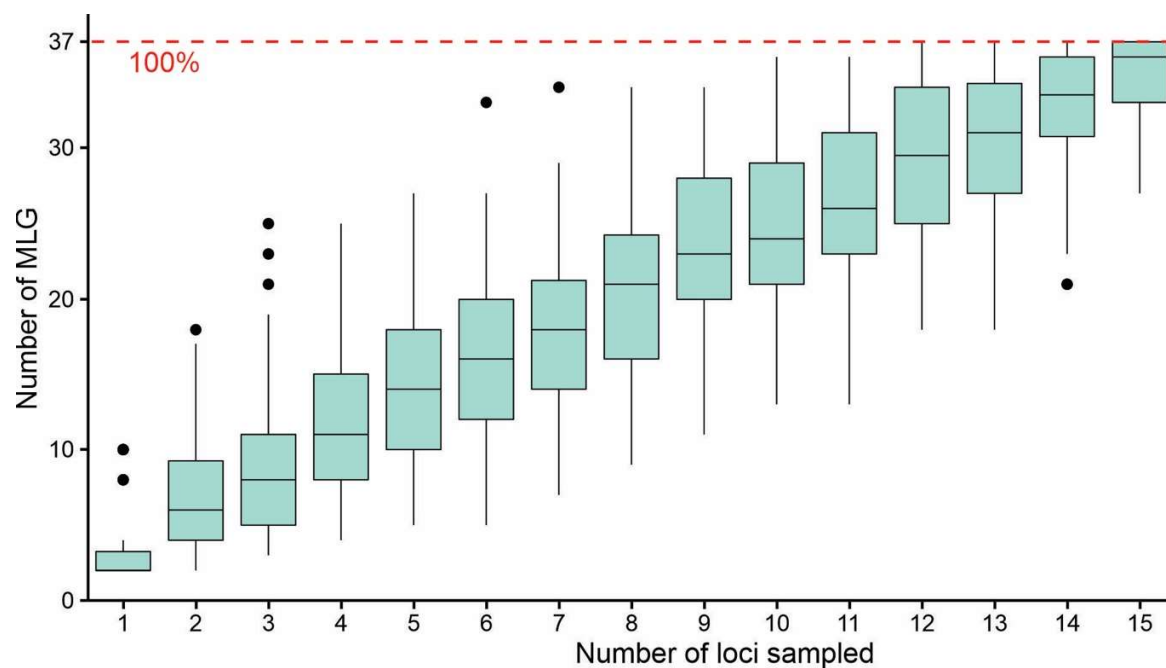


Figure S3. The number of multilocus genotypes (MLGs) detected in *Fusarium virguliforme* by randomly sampling of a subset of 16 microsatellite markers.

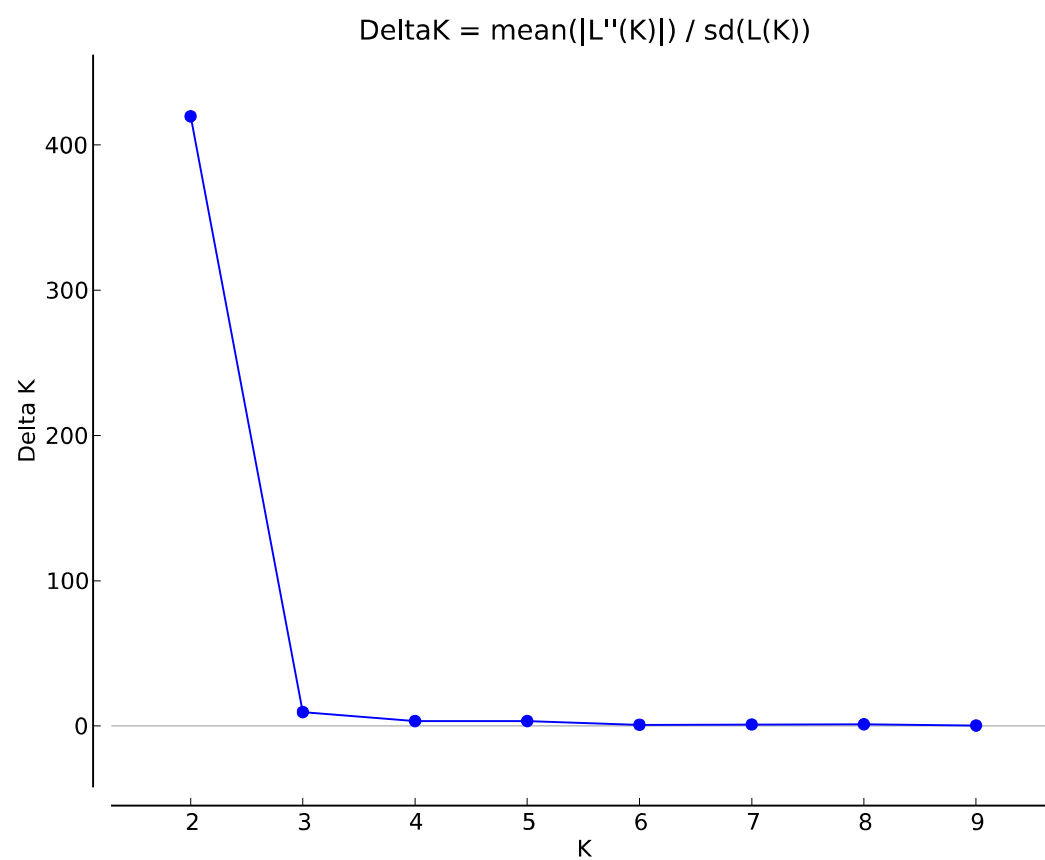


Figure S4. Delta K graph for each K cluster.