

Description of Additional Supplementary Files

Supplementary Data 1

(InterPro) IPR enrichment of expansion genes.

Supplementary Data 2

The positive Darwinian selection genes of LJ43.

Supplementary Data 3

The information of tea population

Supplementary Data 4

The phylogenetic tree of all genome region with bootstrap. The phylogenetic tree was constructed by all genome SNPs.

Supplementary Data 5

The phylogenetic tree of inter gene region with bootstrap. We consider the selection status of SNPs, and the phylogenetic tree was constructed by inter gene region SNPs.

Supplementary Data 6

The phylogenetic tree of 4DTV. The phylogenetic tree was constructed by 4DTV sites.

Supplementary Data 7

The selection genes in CSS.

Supplementary Data 8

The selection genes in CSA.

Supplementary Data 9

The groups of the treemix.

Supplementary Data 10

F4-test of random individual.