

Name: *uniflora (uf)*

Accessions: Flo6

Gene ID: Solyc09g005070

Map position: chromosome 9 (short arm)

Gene function: bHLH transcription factor orthologous to rice *LAX PANICLE* and maize *BARREN STALK1*.

Gene effect: plants with the mutated allele present defects in the formation of inflorescence.

Phenotypes: MT-*uf* plants are late flowering and have reduced number of flowers per inflorescence due to the reversion of the reproductive meristem into vegetative (indeterminate inflorescence).

Comments:

Description of accessions available: MT-*uf* is a BC6Fn introgressed from LA1200

Figures:



MT-*uf* plant showing reduced number of fruits per truss and an extended vegetative growth, resembling an indeterminate plant, although it has the *sp* allele.

Bibliography

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