

Name: *colorless fruit epidermis (y)*

Accessions: OC8

Gene ID: Solyc01g079620

Map position: chromosome 1 (short arm)

Gene function: *SIMYB12* transcription factor

Gene effect: The mutated allele *y* causes a decrease in the accumulation of flavonoids in tomato fruit epidermis.

Phenotypes: Plants harboring the mutated allele present pink instead of red fruits, due to the low levels of flavonoids in the epidermis.

Comments:

Description of accessions available: MT-*y* is a BC6Fn introgressed from local market cultivar.

Figures:



Fruit of MT (left) and MT-*y* (right) showing the difference in accumulation of flavonoids in the epidermis.

Bibliography

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