

Name: *crimson (og)*

Accessions:

Gene ID: Solyc06g074240

Map position: chromosome 6 (long arm).

Gene function: chromoplast-specific lycopene beta cyclase (*Cyc-B*).

Gene effect: plants with the mutated allele abolish the conversion of lycopene into beta-carotene, creating a high-lycopene fruit.

Phenotypes: increased fruit lycopene. In some environments the corolla becomes tawny orange.

Comments:

Description of accessions available: MT-*og* is a BC6Fn introgressed from cv Ouro Velho.

Figures:



crimson (left) showing increased fruit red color (lycopene)

Bibliography

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