

Name: *Aubergine*(*Abg*)

Accessions: Ant1

Gene ID:

Map position: chromosome 10

Gene function:

Gene effect:

Phenotypes: Anthocyanin in fruit epidermis

Comments: The *Abg* gene derived from *S. lycopersicoides*. The expression of anthocyanin is increased in high light conditions and in double mutants with *atv*, *hp1* and *hp2*.

Description of accessions available: MT-*Abg* is a BC5 introgressed from LA3668

Figures:



Double mutant *Abg/+ hp1/hp1* showing the purple fruit with anthocyanin

Bibliography

Mes PJ, Boches P, Myers JR, Durst R (2008) Characterization of tomatoes expressing anthocyanin in the fruit. *J Am Soc Hortic Sci* 133: 262–269

Rick CM, Cisneros P, Chetelat RT, Deverna JW (1994) *Abg*– a gene on chromosome 10 for purple fruit derived from *S. lycopersicoides*. *Tomato Genet. Coop. Rpt.* 44:29–30.