Name: *male sterile 10* (ms10)

Accessions: Flo9

Gene ID:

Map position: chromosome 2 (long arm)

Gene function:

Gene effect:

Phenotypes: malformed anthers with no pollen.

Comments: this genotype is used to facilitate hybrid seed production. It is also tentatively used for dihaploid production, but it may not be a good option due to gamete fusion during anther culture in vitro and false production of dihaploids.

Description of accessions available: MT-ms10 is a BC6Fn from a HortiAgro Hybrid line

Figures:

MT-*ms10* (right) and MT (left) inflorescences. Note the reduction of the anther cone (and also the corolla) in the MT-*ms10* mutant.

Bibliography

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