

Differential Sets

Tomato mosaic virus (ToMV) - Tomato

Differential hosts	Gene present	Strain (ISF code)		
		0 (ToMV: 0)	1 (ToMV: 1)	2 (ToMV: 2)
Monalbo, Marmande	-	S	S	S
Mobaci	<i>Tm</i>	R	S	R
Moperou 161	<i>Tm2</i>	R	R	S
Momor, Geneva 80, Gourmet	<i>Tm2²</i>	R	R	R

S = susceptible; R = resistant

Note: Strains ToMV:1.2 and ToMV: 2² described in literature are not included in this table. Strain 1.2 is very exceptional and 2² is a necrotic strain associated with *Tm2²* obtained in the lab and is therefore not seen in nature.

References

- Pelham, J. (1969) Isogenic lines to identify physiologic strains of TMV. *Tomato Genet. Coop. Rep.* 19:18.
- Rast, A. T. B. (1975) Variability of tobacco mosaic virus in relation to control of tomato mosaic in greenhouse tomato crops by resistance breeding and cross protection. *Cent. Agric. Publ. Doc. Agric. Res. Rep.* 834. 76pp.
- Waterson, J. C. (1993). Development and breeding of resistance to pepper and tomato viruses. In: Resistance to viral diseases of vegetables. Genetics & Breeding. Ed. M. M. Kyle. pp 80-101. Timber Press, Portland

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