

Solanum lycopersicum



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Scientific name: *Solanum lycopersicum*

Common name(s): Tomato

Name as shown in Phylogenies: Tomato

Ploidy: Diploid

Description:

Solanum lycopersicum, or tomato, is a major crop first domesticated in South America. Tomato is a member of the nightshade family (Solanaceae) which includes crops such as peppers, eggplants, and potato, as well as medicinal plants such as belladonna (*Atropa belladonna*).

In addition to its use as an experimental model for fruit development, tomato has been extensively used to study branching, leaf morphology and disease resistance.

Reference(s):

1. Tomato Genome Consortium. The tomato genome sequence provides insights into fleshy fruit evolution. *Nature*. 2012 May 30;485(7400):635-41. doi: [10.1038/nature11119](https://doi.org/10.1038/nature11119).

Genome Database(s):

<https://solgenomics.net/>