

Medicago truncatula



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Scientific name: *Medicago truncatula*

Common name(s): Barrelclover

Name as shown in Phylogenies: M. truncatula

Ploidy: Diploid

Description:

Medicago truncatula, commonly known as barrelclover or barrel medic, is a member of the Leguminosae, and, like other members of this clade, is capable of endosymbiotic nitrogen fixation. It is a well established genetic model system for legume biology and a close relative of alfalfa, which is an important crop species.

Reference(s):

1. Tang H, Krishnakumar V, Bidwell S, Rosen B, Chan A, Zhou S, Gentzbittel L, Childs KL, Yandell M, Gundlach H, Mayer KF, Schwartz DC, Town CD. An improved genome release (version Mt4.0) for the model legume *Medicago truncatula*. BMC Genomics. 2014 Apr 27;15:312. doi: [10.1186/1471-2164-15-312](https://doi.org/10.1186/1471-2164-15-312).

Genome Database(s):

<http://www.medicago genome.org/>

<https://legumeinfo.org/organism/Medicago/truncatula>