

Gossypium hirsutum



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Scientific name: *Gossypium hirsutum* (*Gossypium mexicanum* - prev.)

Common name(s): Cotton; Upland Cotton

Name as shown in Phylogenex: Cotton

Ploidy: Tetraploid

Description:

Also known as Upland Cotton, *Gossypium hirsutum*, is a 1.5-2m height perennial and annual shrub, found in tropical and temperate regions including agricultural systems around the world including the Americas, India, China, the Middle East and Australia.

It is an important commodity grown for its fibers, which are actually seed coat trichomes, and for seed oil. Cotton has minimal moisture requirements and can survive hot, dry weather environments. *G. hirsutum* accounts for 90% of world production with India and China being the leading producers. The sequences are from the TM-1 cultivar, an A(t)D(t) allotetraploid genome.

Reference(s):

1. Li F, et al. Genome sequence of cultivated Upland cotton (*Gossypium hirsutum* TM-1) provides insights into genome evolution. Nat Biotechnol. 2015 May;33(5):524-30.doi: [10.1038/nbt.3208](https://doi.org/10.1038/nbt.3208).

Genome Database(s):

[CottonGen](#)