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Agrobacterium tumefaciens

National Cancer Institute

Source

National Cancer Institute. *Agrobacterium tumefaciens*. NCI Thesaurus. Code C86138.

A species of Gram negative, rod shaped bacteria assigned to the phylum Proteobacteria. This bacteria is motile by flagella and mediates the horizontal gene transfer of its Ti plasmid to infect plants. *A. tumefaciens* is commonly found in soil and around the root surfaces of plants and is the causative agent of crown gall disease.