Recombinant DNA
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COVER

Transfer of DNA from bacteria to plant cells and regeneration of a whole plant from tumor tissue. A shoot from a cloned teratoma tumor of Havana 425 tobacco induced by the soil bacterium Agrobacterium tumefaciens was grafted onto a Turkish variety host. The flowering shoot and teratoma which developed at the graft union both contained genetic information derived from Agrobacterium. Also shown is a diagram of possible models for the transfer of tumor-inducing (T) plasmid DNA from Agrobacterium to plant DNA. See page 1383. [Andrew Binns, Rockefeller University, New York City]
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