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(54) Title: CONTROL OF SPOROCYTE OR MEIOCYTE FORMATION IN PLANTS

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(57) Abstract

The present invention provides genes and encoded proteins that are involved in meiocyte formation during the growth of plants. The transformation of plants and plant–related hosts with these genes in altered or unaltered form, or the mutation of these genes in endogenous form, renders a plant capable during growth of bearing seedless fruits and/or pollenless flowers. The invention further provides methods of producing transgenic plants which are capable of bearing seedless fruits and/or pollenless flowers.