

Title (en)

PURINE METABOLISM GENES IN PLANTS

Title (de)

GENE DES PURINSTOFFWECHSELS AUS PFLANZEN

Title (fr)

GENE DU METABOLISME DE LA PURINE DANS LES VEGETAUX

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Application

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Abstract (en)

[origin: WO0109305A2] This invention relates to an isolated nucleic acid fragment encoding an AMP deaminase or adenosine deaminase, a transformed host cell comprising the nucleic acid fragment, and a transgenic plant comprising the nucleic acid fragment. The invention also relates to the construction of a chimeric gene encoding all or a substantial portion of an AMP or adenosine deaminase, and a chimeric gene comprising the isolated fragment in sense or antisense orientation. This invention further relates to a method for altering expression level of AMP deaminase or adenosine deaminase in a transformed host cell, and a method for evaluating a compound that affects the activity of an AMP deaminase or an adenosine deaminase.

IPC 1-7

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