

Title (en)

CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE CONTENT OF THE SEEDS OF PLANTS

Title (de)

CHIMAERE GENE UND VERFAHREN ZUR STEIGERUNG DES LYSIN-GEHALTS DER PFLANZEN-SAMEN

Title (fr)

GENES CHIMERES ET PROCEDE PERMETTANT D'ACCROITRE LA TENEUR EN LYSINE DANS LES GRAINES DE VEGETAUX

Publication

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Application

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Abstract (en)

[origin: WO9842831A2] Chimeric genes are disclosed. One chimeric gene encodes a plant lysine ketoglutarate reductase and a second chimeric gene encodes lysine-insensitive dihydrodipicolinic acid synthase (DHDPs) which is operably linked to a plant chloroplast transit sequence, all operably linked to plant seed-specific regulatory sequences. Methods for their use to produce increased levels of lysine in the seeds of transformed plants are provided.

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