

Title (en)  
EIF4E GENE MUTATIONS AND POTYVIRUS RESISTANCE

Title (de)  
MUTATIONEN DES EIFE4-GENS UND RESISTENZ GEGEN POTYVIRUS

Title (fr)  
MUTATIONS DU GENE EIF4E ET RESISTANCE AUX POTYVIRUS

Publication  
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Application  
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Abstract (en)  
[origin: WO03066900A2] The invention concerns a method for obtaining potyvirus resistant plants exhibiting one or several mutations in a preserved region of the eIF4E translation factor, defined by the following general sequence (I): DX1X2X3X4KSX5QX6AWGSSX7RX8X9YTFXSX10VEX11FWX12X13YNNIHX14PSKLX15X16GAD wherein:- X1, X2, X3, X4, X6, X7, X8, X9, X10, X12, X13, X15, et X16 represent each a neutral amino acid; X5 and X14 represent a basic amino acid; X11 represents an acid amino acid; D, K, S, Q, A, W, G, R, Y, T, F, V, E, N, I, H, P, and L have their usual one-letter code meaning.

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