

Title (en)

A PLANT DISEASE RESISTANCE SIGNALLING GENE, MATERIALS AND METHODS RELATING THERETO

Title (de)

SIGNALVERMITTELNDES GEN IN DER PFLANZLICHEN KRANKHEITS-RESISTENZ UND ENTSPRECHENDE VERFAHREN

Title (fr)

GENE INDICATEUR DE RESISTANCE AUX MALADIES VEGETALES, MATERIAUX ET PROCEDES Y RELATIFS

Publication

EP 0981622 A1 20000301 (EN)

Application

EP 98921623 A 19980515

Priority

- GB 9801406 W 19980515
- GB 9710044 A 19970516

Abstract (en)

[origin: WO9853073A1] Provided are nucleic acids encoding wild-type and mutant EDS1 which may be used to modulate (either enhance or inhibit) a pathogen-resistance response in plants. Variants of the sequences are also provided as are methods of obtaining them, for instance using probes or primers. Also disclosed are wild-type, mutant and variant EDS1 proteins, which may be used (inter alia) as esterases. Vectors, host cells, plants employing heterologous EDS1 sequences, and various methods of use of these are also provided.

IPC 1-7

C12N 15/29; **C12N 15/82**; **C07K 14/415**; **C12Q 1/68**; **A01H 5/00**; **A01N 65/00**

IPC 8 full level

C07K 14/415 (2006.01); **C12N 9/16** (2006.01); **C12N 9/18** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C07K 14/415 (2013.01); **C12N 9/16** (2013.01); **C12N 9/18** (2013.01); **C12N 15/8279** (2013.01)

Citation (search report)

See references of WO 9853073A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9853073 A1 19981126; AU 7441098 A 19981211; EP 0981622 A1 20000301; GB 9710044 D0 19970709

DOCDB simple family (application)

GB 9801406 W 19980515; AU 7441098 A 19980515; EP 98921623 A 19980515; GB 9710044 A 19970516