

Title (en)
POLYNUCLEOTIDE TRANSPORTER PROTEIN

Title (de)
POLYNUKLEOTID-SPEZIFISCHES TRANSPORTPROTEIN

Title (fr)
PROTEINE TRANSPORTEUSE DE POLYNUCLEOTIDES

Publication
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Application
EP 99934968 A 19990723

Priority
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Abstract (en)
[origin: WO0005379A1] There is described a polynucleotide transporter protein able to promote the movement of a single stranded polynucleotide through the vascular system of a plant. The polynucleotide transporter protein described is the ORF3 protein of an Umbravirus, or is a functional equivalent thereof. The single stranded polynucleotide will usually encode a protein or polypeptide of interest, and use of the transporter protein enables the target protein or polypeptide to be expressed in tissues which are remote from the site of infection or production. ORF3 proteins from the Umbraviruses Groundnut rosette virus, tobacco mottle virus and pea enation mosaic virus 2 have each been shown to demonstrate the polynucleotide transporting utility.

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See references of WO 0005379A1

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