Title (en)

NUCLEIC ACIDS AND POLYPEPTIDES OF DROSOPHILA MELANOGASTER SNF SODIUM-NEUROTRANSMITTER SYMPORTER FAMILY CELL SURFACE RECEPTORS AND METHODS OF USE

Title (de)

NUKLEINSÄUREN UND POLYPEPTIDE VON DROSOPHILA MELANOGASTER SNF NATRIUM-NEUROTRANSMITTER SYMPORTER ZELLOBERFÄCHEREZEPTORFAMILIE UND VERWENDUNGSVERFAHREN

Title (fr)

ACIDES NUCLEIQUES ET POLYPEPTIDES DE RECEPTEURS DE SURFACE CELLULAIRES DE LA FAMILLE DES SYMPORTEURS SODIUM-NEUROTRANSMETTEURS (SNF) ET LEURS METHODES ET UTILISATION

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Abstract (en)

[origin: WO0149848A2] The invention provides isolated invertebrate symporter cell surface receptor nucleic acid molecules of the sodium/ neurotransmitter family (SNF), and proteins encoded thereby. The subject nucleic acid and protein can be used to genetically modify metazoan invertebrate organisms, such as insects and worms, or cultured cells, resulting in expression or mis-expression of a subject protein. The genetically modified organisms or cells can be sed in screening assays to identify candidate compounds which are potential pesticidal agents or therapeutics that interact with a subject protein. They can also be used in methods for studying activity of a subject protein and identifying other genes that modulate the function of, or interact with, a subject gene.

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