

Title (en)
ODORANT RECEPTORS AND USES THEREOF.

Title (de)
GERÜCHESREZEPTOREN UND IHRE ANWENDUNGEN.

Title (fr)
RECEPTEURS DE SUBSTANCES ODORANTES ET LEURS UTILISATIONS.

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EP 0578784 A4 19941102 (EN)

Application
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Abstract (en)
[origin: WO9217585A1] The invention provides an isolated nucleic acid, e.g. cDNA encoding an odorant receptor. The invention further provides expression vectors containing such nucleic acid. Also provided is a purified protein encoding an odorant receptor, with the aforementioned expression vectors and the resulting transformed cell. The invention also provides methods of identifying odorant ligands and of identifying odorant receptors. The invention further provides methods of developing fragrances, of identifying appetite suppressant compounds, of controlling appetite, of controlling pest populations, of promoting and inhibiting fertility, and of detecting odors.

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Citation (search report)
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• [X] PEVSNER J; TRIFILETTI RR; STRITTMATTER SM; SNYDER SH: "Isolation and characterization of an olfactory receptor protein for odorant pyrazines.", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA., vol. 82, May 1985 (1985-05-01), WASHINGTON US, pages 3050 - 3054
• See references of WO 9217585A1

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