

Title (en)
TRANSGENIC MOUSE HAVING A LacZ REPORTER GENE UNDER THE CONTROL OF THE N-CAM PROMOTER USEFUL FOR IDENTIFYING N-CAM MODULATORS, METHODS AND COMPOSITIONS

Title (de)
TRANSGENE MAUS MIT EINEM LacZ-REPORTERGEN UNTER DER KONTROLLE DES N-CAM-PROMOTERS FÜR DIE IDENTIFIZIERUNG VON N-CAM-MODULATOREN, VERFAHREN UND ZUSAMMENSETZUNGEN.

Title (fr)
SOURIS TRANSGENIQUE A GENE MARQUEUR LacZ REGULE PAR LE PROMOTEUR N-CAM SERVANT A L'IDENTIFICATION DE MODULATEURS N-CAM, METHODES ET COMPOSITIONS

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Abstract (en)
[origin: WO9943783A2] The invention describes a transgenic mouse having a knockout N-CAM allele with an insertion of a reporter gene under the control of the N-CAM promoter. In preferred embodiments, the reporter gene encodes beta-galactosidase. The invention also describes methods for detecting modulators of the N-CAM gene using the transgenic mouse, or cultured cells obtained from the mouse.

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Citation (search report)
• [X] WANG YIBIN ET AL: "Embryonic expression patterns of the neural cell adhesion molecule gene are regulated by homeodomain binding sites.", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 93, no. 5, 1996, 1996, pages 1892 - 1896, XP002217713, ISSN: 0027-8424
• [X] HOLST BRENT D ET AL: "A binding site for Pax proteins regulates expression of the gene for the neural cell adhesion molecule in the embryonic spinal cord.", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 94, no. 4, 1997, 1997, pages 1465 - 1470, XP002217714, ISSN: 0027-8424
• [X] ARAI A ET AL: "A CENTRALLY ACTIVE DRUG THAT MODULATES AMPA RECEPTOR GATED CURRENTS", BRAIN RESEARCH, AMSTERDAM, NL, vol. 638, 1994, pages 343 - 346, XP000905167, ISSN: 0006-8993
• See references of WO 9943783A2

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