Title (en)
METHODS FOR MANIPULATING THE AVIAN GENOME

Title (de)
VERFAHREN ZUR MANIPULIERUNG DES VOGELSGENOMS

Title (fr)
PROCEDES SERVANT A MANIPULER LE GENOME AVIAIRE

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Application
EP 00943424 A 20000602

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Abstract (en)
[origin: WO0075300A2] The invention features a method for introducing a nucleic acid molecule into the genome of an avian species by contacting <i>in vivo</i> a blastodermal cell of a fertilized egg with the nucleic acid molecule, which nucleic acid is not associated with a viral coat protein. The invention also encompasses transgenic avian animals and methods of producing such transgenic animals.

IPC 1-7
A01K 67/027; C07K 14/62; C07K 16/02; C12N 15/00

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C12N 2830/85 (2013.01); C12N 2830/90 (2013.01)

Citation (search report)
See references of WO 0075300A2

Citation (examination)
- CARSCIENCE R.S. ET AL: "Germiline chimeric chickens from dispersed donor blastodermal cells and compromised recipient embryos", DEVELOPMENT, vol. 117, 1993, pages 669 - 675, XP000998006
- THORAVAL P. ET AL: "Germline transmission of exogenous genes in chicken using helper-free ecotropic avian leukosis virus-based vectors", TRANSGENIC RESEARCH, vol. 4, November 1995 (1995-11-01), pages 369 - 377, XP002095225, DOI: doi:10.1007/BF01973755

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