



## C-myc Transgenic Mouse

Tech ID: 20532 / UC Case 2002-135-0

### INNOVATION

UCLA Researchers have developed a novel mouse model for prostate cancer which will be useful for preclinical trials and biochemical assays. The mouse model is unique in that it incorporates a naturally occurring oncogene implicated in a significant fraction of human prostate cancer and accurately reflects the gradual progression of human prostate cancer from prostatic intraepithelial neoplasia (PIN) to localized adenocarcinoma, to locally invasive disease and metastasis, with essentially 100% penetrance. The time course of disease progression allows therapeutic testing against all stages of disease, including prevention strategies. The model offers significant advantages over current transgenic prostate cancer models such as TRAMP, which require expression of the SV40 T antigen and generate mice with a large percentage of neuroendocrine, rather than adenocarcinomas of the prostate.

### PATENT STATUS

Country	Type	Number	Dated	Case
Patent Cooperation Treaty	Reference for National Filings	<a href="#">WO 04/000010 A3</a>	12/31/2003	2002-135

Patent Pending

### CONTACT

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### INVENTORS

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### OTHER INFORMATION

#### KEYWORDS

research tools, transgenic mouse

#### CATEGORIZED AS

- **Medical**
  - Disease: Cancer
  - Research Tools
- **Research Tools**
  - Animal Models

#### RELATED CASES

2002-135-0

### ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- [Transgenic Mice with Prostate-specific Reporter Gene Expression](#)

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### UCLA Technology Development Group

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