Reviewer's report

Title: Evolution of somatic mutations in mammary tumors in transgenic mice is influenced by the inherited genotype.

Version: 1 Date: 3 May 2004

Reviewer: Lewis Chodosh

Reviewer's report:

General

This is a very interesting manuscript that describes an important new finding regarding spontaneous secondary mutations in H-ras that occur during the course of Wnt-induced mammary tumorigenesis, as well as the impact of p53 mutation or Neu overexpression on H-ras mutation frequency. The studies are carefully performed and clearly described. The data appear sound. The manuscript is well written and succinctly and appropriately addresses the relevant issues raised by the data. This manuscript will be of significant interest to the cancer community.

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

None.

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

None.

Discretionary Revisions (which the author can choose to ignore)

None.

What next?: Accept without revision

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

None.