EXHIBIT A

UNITED STATES DISTRICT COURT
DISTRICT OF MASSACHUSETTS

AMGEN, INC.,

Plaintiff,

v.

F. HOFFMANN-LA ROCHE, LTD., ROCHE DIAGNOSTICS GMBH, and HOFFMANN-LA ROCHE, INC.

Defendants.

Civil Action No. 05-CV-12237 WGY

EXPERT REPORT OF DR. EDWARD EVERETT HARLOW, JR.

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EXPERT REPORT OF DR. EDWARD EVERETT HARLOW, JR.

I. BACKGROUND

1. I am Professor and Chair of the Department of Biological Chemistry and Molecular Pharmacology at Harvard Medical School. My responsibilities at Harvard Medical School include: (i) running the administration of a large basic science research and teaching department that currently has 31 faculty members, (ii) teaching graduate and medical students in courses around my own research interests, and (iii) running my own research lab where we study the basic differences between normal and cancer cells. The research group for which I am responsible consists of approximately 40 individuals including graduate students, post-doctoral fellows, clinical fellows, technicians, and senior research scientists. Since 1974, when I graduated from college, the focus of my scientific research has been on various aspects of basic cancer research. I am also an Associate Director of the Dana Farber/Harvard Cancer Center, where I am responsible for planning and evaluation for a large multi-institution research consortium of that unites approximately 900 research laboratories within the Harvard community with interests in cancer.

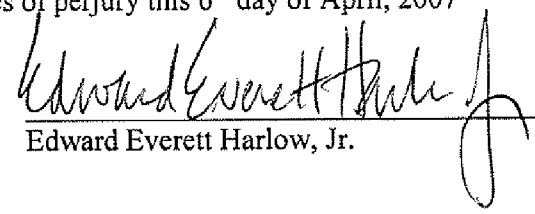
2. I earned a B.S. in Microbiology from the University of Oklahoma in 1974. In 1978, I received an M.S., also from the University of Oklahoma. In 1982, I earned a Ph.D. at Imperial Cancer Research Fund Laboratories, London, England, with my degree from Kings College, University of London. Here, I was part of a team of scientists that successfully cloned the mouse tumor suppressor gene now known as p53. We were the second team to successfully clone this gene. During this time, I became aware of and used many of the methods described in the work for the patents discussed in this report. Later, in 1985, while a staff scientist at Cold Spring Harbor, I became the first to clone and express the human p53 gene.

XII. OTHER TESTIMONY

124. If called upon, I may further testify as to facts, opinions and other matters relevant to this action. In this regard, I reserve the right to supplement my report as necessary to address any such additional matters.

125. I declare that the foregoing is true and correct to the best of my knowledge and belief.

Signed under the pains and penalties of perjury this 6th day of April, 2007



Edward Everett Harlow, Jr.

CERTIFICATE OF SERVICE

I hereby certify that a copy of this document was served upon the attorneys of record for the plaintiff (as listed below) by email and overnight mail on the below date.

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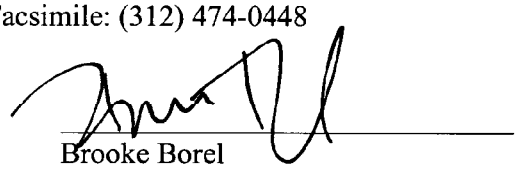

Brooke Borel
April 6, 2007