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Belen Awetahegne  11/9/98

Name of Person Signing Signature Date

LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Screening Assays for Cancer Chemopreventative Agents

Inventor(s): Vogelstein and Kinzler

JHU Reference: 3214

NIH EIR: 4134401-97-0006

Patent or Application Serial No.: 08/896,462

U.S. Filing/Issue Date: 07/18/97

Grant/Contract Identification Number(s): CA57345

Foreign Applications filed/Intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14** or **FAR 52.227-11**, which are included among the terms of the above-identified grant/contract award from the Public Health Service/ National Institutes of Health. This document is confirmatory of:

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2. All other rights acquired by the Government by reason of the above-identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 18th day of October, 1998.

By:


Howard W. Califano
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LICENSE TO THE UNITED STATES GOVERNMENT

Invention Title: Gene Expression Profiles In Normal and Cancer Cells

Inventor(s): Vogelstein, et.al.

JHU Reference: 3227

NIH EIR: 4134401-97-0009

Patent or Application Serial No.: 09/081,646

U.S. Filing/Issue Date: 05/20/98

Grant/Contract Identification Number(s): CA57345

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14** or **FAR 52.227-11**, which are included among the terms of the above-identified grant/contract award from the Public Health Service/ National Institutes of Health. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations-in-part, and in any and all patents and re-issues granted thereon throughout the world; and
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Signed this 13th day of October, 1998.

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