

Accepted Manuscript

Keratin 17 is Overexpressed and Predicts Poor Survival in ER⁻/HER2⁻ Breast Cancer

Ross D. Merkin MD, Elizabeth A. Vanner PhD, Jamie L. Romeiser MPH, A. Laurie W. Shroyer PhD, MSHA, Luisa F. Escobar-Hoyos PhD, Jinyu Li PhD, Robert S. Powers PhD, Stephanie Burke BS, Kenneth R. Shroyer MD, PhD

PII: S0046-8177(16)30275-1
DOI: doi: [10.1016/j.humpath.2016.10.006](https://doi.org/10.1016/j.humpath.2016.10.006)
Reference: YHUPA 4042

To appear in: *Human Pathology*

Received date: 19 July 2016
Revised date: 4 October 2016
Accepted date: 14 October 2016



Please cite this article as: Merkin Ross D., Vanner Elizabeth A., Romeiser Jamie L., Shroyer A. Laurie W., Escobar-Hoyos Luisa F., Li Jinyu, Powers Robert S., Burke Stephanie, Shroyer Kenneth R., Keratin 17 is Overexpressed and Predicts Poor Survival in ER⁻/HER2⁻ Breast Cancer, *Human Pathology* (2016), doi: [10.1016/j.humpath.2016.10.006](https://doi.org/10.1016/j.humpath.2016.10.006)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Keratin 17 is Overexpressed and Predicts Poor Survival in ER⁻/HER2⁻ Breast Cancer

Ross D. Merkin MD^a, Elizabeth A. Vanner PhD^{a, c}, Jamie L. Romeiser MPH^b, A. Laurie W. Shroyer PhD, MSHA^b, Luisa F. Escobar-Hoyos PhD^a, Jinyu Li PhD^a, Robert S. Powers PhD^a,
Stephanie Burke BS^a, Kenneth R. Shroyer MD, PhD^{a*}

Author's Affiliations: Departments of Pathology^a, Surgery^b, and Biomedical Informatics^c, Stony Brook University School of Medicine, 101 Nicolls Road, Stony Brook, New York 11794-8691

Authors' Email Addresses: ross.merkin@gmail.com; elizabeth.vanner@stonybrook.edu;
Jamie.Romeiser@stonybrookmedicine.edu; AnnieLaurie.Shroyer@stonybrookmedicine.edu;
Luisa.EscobarHoyos@stonybrook.edu; Jinyu.Li.1@stonybrook.edu;
Robert.Powers@stonybrookmedicine.edu; Stephanie.Burke@stonybrookmedicine.edu

***Corresponding Author:** Kenneth R. Shroyer, Department of Pathology, Basic Science Tower, Level 9, Stony Brook Medicine, Stony Brook, New York 11794-8691. Phone: (631) 444-3000; Fax: (631) 444-3424; Email: Kenneth.Shroyer@stonybrookmedicine.edu

Running Title: Keratin 17 and Survival in Breast Cancer

Keywords: keratin, breast cancer, immunohistochemistry

Statement of Conflict of Interest: Kenneth R. Shroyer and Luisa F. Escobar-Hoyos are members of the Scientific Advisory Board of OncoGenesis. Stony Brook University has a licensing agreement for the use of K17 as a diagnostic biomarker with OncoGenesis.

Disclosure of Funding Sources: This work was supported by the Academic Enrichment Funds and Marvin Kuschner endowment of the Department of Pathology, Stony Brook University School of Medicine. These sources were not involved in the study design; collection, analysis and interpretation of data; writing of the report, or the decision to submit the article.

Download English Version:

<https://daneshyari.com/en/article/5716271>

Download Persian Version:

<https://daneshyari.com/article/5716271>

[Daneshyari.com](https://daneshyari.com)