

## Accepted Manuscript

Clonality analysis of multifocal ipsilateral breast carcinomas using X-chromosome inactivation patterns

Hayeon Kim, Chung-Yeul Kim, Kyong Hwa Park, Aeree Kim



PII: S0046-8177(18)30145-X  
DOI: doi:[10.1016/j.humpath.2018.04.016](https://doi.org/10.1016/j.humpath.2018.04.016)  
Reference: YHUPA 4551

To appear in:

Received date: 30 January 2018  
Revised date: 16 April 2018  
Accepted date: 20 April 2018

Please cite this article as: Hayeon Kim, Chung-Yeul Kim, Kyong Hwa Park, Aeree Kim, Clonality analysis of multifocal ipsilateral breast carcinomas using X-chromosome inactivation patterns. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Yhupa(2018), doi:[10.1016/j.humpath.2018.04.016](https://doi.org/10.1016/j.humpath.2018.04.016)

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.

# Clonality analysis of multifocal ipsilateral breast carcinomas using X-chromosome inactivation patterns

Authors: Hayeon Kim, MD<sup>1</sup>, Chung-Yeul Kim, MD, PhD<sup>1</sup>, Kyong Hwa Park, MD, PhD<sup>2</sup>,  
Aeree Kim, MD, PhD<sup>1\*</sup>

<sup>1</sup>Department of Pathology, Korea University Guro Hospital, Seoul, Republic of Korea

<sup>2</sup>Division of Oncology/Hematology, Department of Internal Medicine, Korea University  
College of Medicine, Seoul, Republic of Korea

Running head: Clonality analysis of multifocal breast carcinomas

\*Correspondence to: Dr Aeree Kim, Department of Pathology, Korea University Guro  
Hospital, 148 Gurodong-ro, Guro-gu, Seoul 08308, Republic of Korea  
Phone: +82-2-2626-1472  
Fax: +82-2-2626-1486  
E-mail: ark@korea.ac.kr

Conflict of interest: none declared

Funding sources: none

Download English Version:

<https://daneshyari.com/en/article/8807475>

Download Persian Version:

<https://daneshyari.com/article/8807475>

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