

# University Genomics Inc.

University Genomics Inc. (UGEN) was founded in 2006 for the purpose of commercializing cancer diagnostics emerging from academic institutions in the United States and Canada. The mission of UGEN is to improve the quality of life of cancer patients by decreasing the financial burden and toxicity caused by unnecessary cancer treatments.

UGEN is proud to launch its first multianalyte expression-based diagnostic for breast cancer in collaboration with ARUP Laboratories. The Breast Bioclassifier™ is a 55-gene qRT-PCR assay that classifies ER-positive and ER-negative breast cancers into expression-based subtypes that more accurately predict patient outcome. The assay has been validated

using fresh frozen and formalin-fixed tissues so that the test can be offered widely to breast cancer patients around the world. The Breast Bioclassifier™ provides a read-out of biological subtype and gives a continuous risk score that enables physicians to make treatment decisions based on estimates of survival probabilities given current therapies.



## Comparison Chart

MammaPrint®<sup>1</sup>, Oncotype DX™<sup>2</sup>, and Breast Bioclassifier™<sup>3</sup>

Patient/Tumor Characteristics	MammaPrint®	Oncotype DX™	Bioclassifier™
ER+	✓	✓	✓
ER-	✓	no	✓
Node+	no	no	✓
Node-	✓	✓	✓
Stage I and II	✓	✓	✓
Stage III-IV	no	no	✓
Over 61 years old	no	✓	✓
Test Characteristics	MammaPrint®	Oncotype DX™	Bioclassifier™
Formalin-fixed embedded tissue	no	✓	✓
Sample processed in United States	no	✓	✓
qRT-PCR	no	✓	✓
Prognostic	✓	✓	✓

### References:

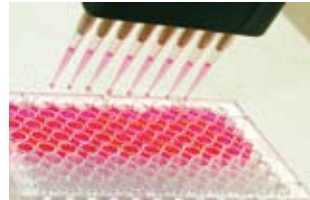
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[www.bioclassifier.com](http://www.bioclassifier.com)

For more information visit:

## About ARUP

ARUP Laboratories is a national clinical and anatomic pathology reference laboratory and an enterprise of the University of Utah and its Department of Pathology. With more than 2,400 employees, ARUP offers more than 2,000 tests and test combinations, ranging from routine screening tests to highly esoteric molecular and genetic assays. ARUP's clients include more than half of the nation's university teaching hospitals and children's hospitals, as well as multihospital groups, major commercial laboratories, group purchasing organizations, military and government facilities, and major clinics. Visit ARUP online at [www.aruplab.com](http://www.aruplab.com).



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*In collaboration with*

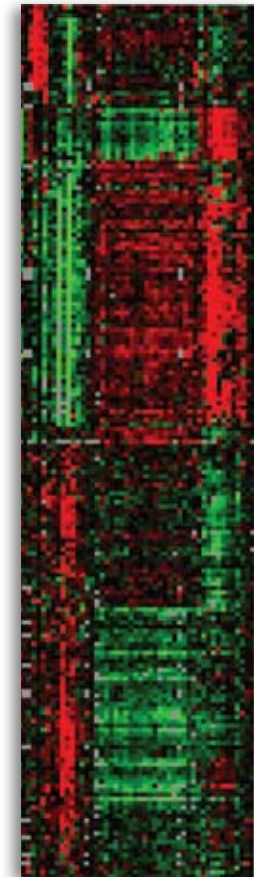


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## ARUP Laboratories and University Genomics, Inc.

*present*

## Breast Bioclassifier™



**Early 2010!**