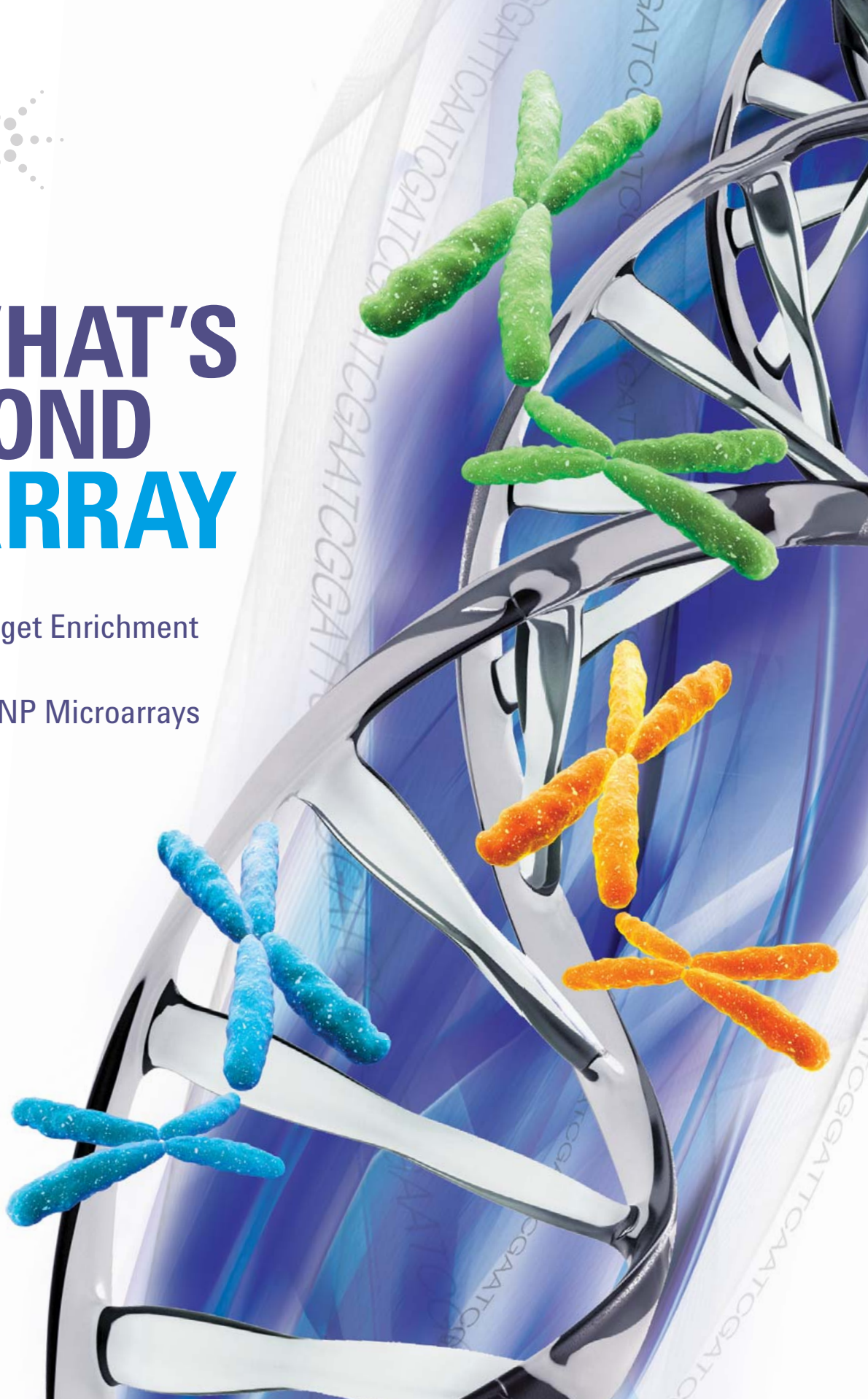




# SEE WHAT'S BEYOND THE ARRAY

- HaloPlex NGS Target Enrichment
- SureFISH Probes
- SurePrint CGH+SNP Microarrays



Agilent Technologies

# ONE COMPANY, LIMITLESS APPLICATIONS

## A LEADER IN MOLECULAR ANALYSIS & LIFE SCIENCE RESEARCH

Agilent's market-leading life sciences division provides application-focused solutions that include instruments, software, consumables and services, with over 18,500 corporate employees serving customers in more than 100 countries around the world.

Now you can depend on Agilent as a single trusted source for all your Microarray, FISH, and Next Gen Sequencing (NGS) target enrichment needs.

## AGILENT TOOLS FOR HIGH PERFORMANCE MOLECULAR ANALYSIS

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Target  
Enrichment

Comprehensive  
Menu of High  
Resolution  
FISH Probes

Most Trusted  
Microarray  
Platform for  
Cytogenetics

### SUPERIOR TECHNOLOGY

Agilent's oligonucleotide technology enables high fidelity, high specificity molecular tools.

### SUPERIOR QUALITY & SUPPORT

- ISO 13485 Certified Facilities
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- FDA Registered Facility

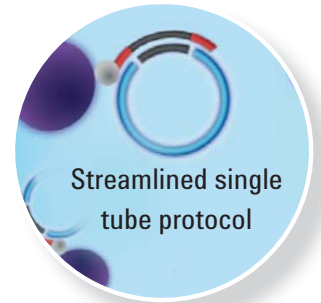
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# SEE WHAT'S BEYOND THE ARRAY

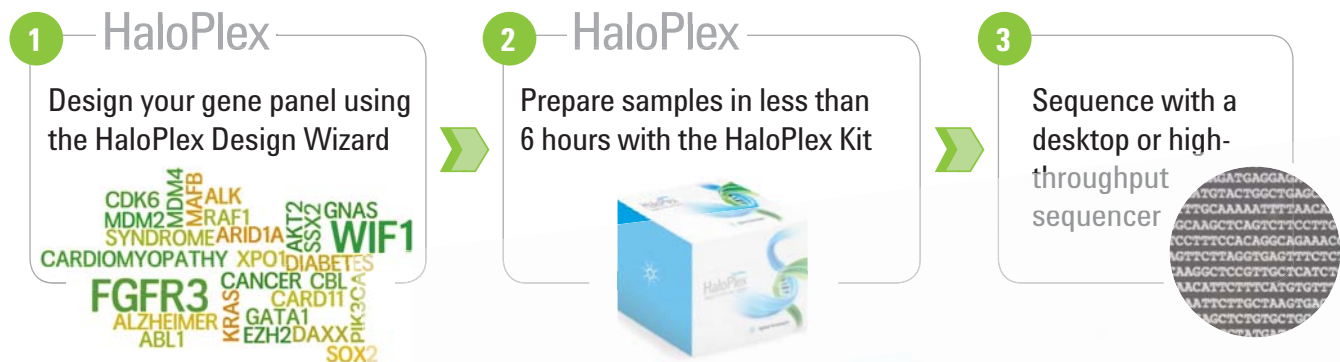
## AGILENT HALOPLEX NEXT GENERATION PCR

What a Difference a Day Makes! Complete Next Gen Sequencing Target Enrichment in Less Than 6 Hours

- Single tube protocol, ideal for desktop and high-throughput sequencing
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- Superior coverage enabling comprehensive mutation detection



3 Steps to Easily Create Your Own Panels in 5 Minutes with the HaloPlex Design Wizard



Start Your HaloPlex Design Today: [agilent.com/genomics/ngs](http://agilent.com/genomics/ngs)

CGATCGATCGCTGAAACTCGATCGAAAACCTCGATCGATCGCTGA



# WITH ONE TRUSTED COMPANY

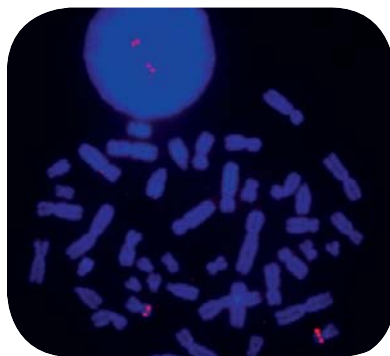
## AGILENT HIGH RESOLUTION SUREFISH PROBES

### Put Us Under a Microscope!

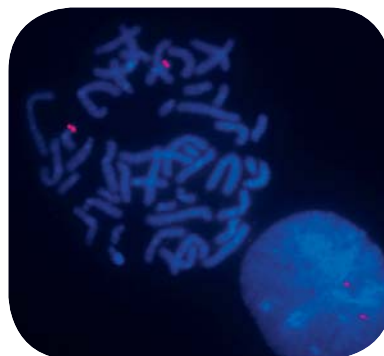
- Comprehensive menu with hundreds of probes
- Innovative oligonucleotide technology provides higher resolution, sensitivity, and specificity compared to BAC probes
- Shorter hybridization time – as fast as 4 hours
- Unique probes not available in BAC format
- Next Gen Sequencing verification for every probe ensures specificity to the region of interest

### See Before You Buy with 4 and 14 Hour Hybridization Images for Every Probe

4 Hour Hybridization



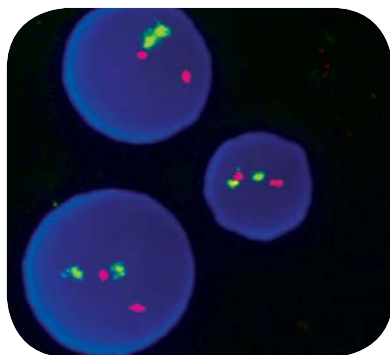
14 Hour Hybridization



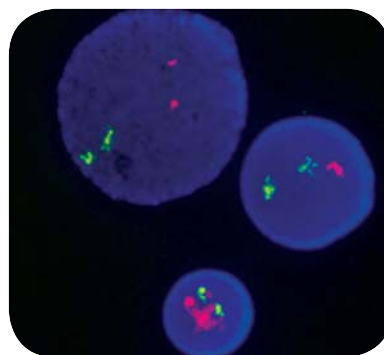
16p13.1-MYH11-Chr16:15507206-15951774 (444kb)

### Brighter Signal and Lower Background Compared to BAC Probes

SureFISH Probe 6 Hour Hybridization



BAC Probe 6 Hour Hybridization



Red: 22q11.22-BCR-Chr22:23172168-24560508 (1.4Mb)  
Green: 9q34.11-ABL1-Chr9:133223275-133863499 (640kb)

*SureFISH probes are Analyte Specific Reagents (ASR) produced in an ISO 13485-certified facility that is registered with the FDA.*

**See the Next Generation of FISH Technology: [agilent.com/genomics/surefish](http://agilent.com/genomics/surefish)**

ATCGCTGAAAACGATCGATAAAACTCGATCGATCGCTGAAAA

# AND LIMITLESS APPLICATIONS

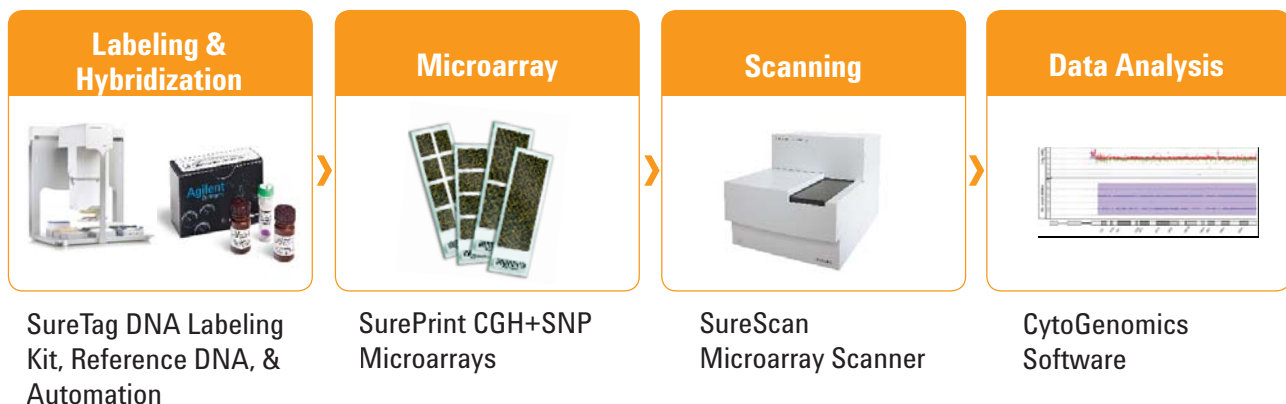
## AGILENT SUREPRINT MICROARRAY PLATFORM

The Most Trusted Microarray Platform for Cytogenetics

- Highest quality copy number change array also includes LOH/UPD detection
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Agilent's Comprehensive Research Solution from Sample to Result



Agilent CytoGenomics Software: Designed for Cytogeneticists



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See What's New in the Agilent Cytogenetics Portfolio: [agilent.com/genomics/cyto](http://agilent.com/genomics/cyto)

CTCGATCGAAACTCGATCGATCGCTGAAACTCGATCGATCGC

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- **SureFISH Products:**

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- **SurePrint CGH+SNP Arrays:**

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