

Agilent Genomic Workbench 6.5 for CGH+SNP Microarrays

Updated for CGH+SNP Analysis

DNA Analytics is a powerful component of the Agilent Genomic Workbench (AGW), the desktop application which currently includes modules for analysis of DNA-based microarrays such as CGH or DNA methylation. We have now expanded the software to provide analysis capabilities of Agilent's new SurePrint G3 CGH+SNP microarrays, providing even greater insight into the genome of interest.

The current SurePrint G3 Human (CGH) platform has been extended to include a set of SNP probes on the same array. In addition to the high-resolution detection of copy number changes, CGH+SNP arrays can find copy-neutral chromosomal aberrations such as LOH, UPD and consanguinity that traditional two-color CGH platforms are unable to detect. After labeling and hybridization, CGH+SNP data are analyzed using novel algorithms that have been optimized for Agilent microarrays.

Key Features

- Optimized algorithms for analysis of CGH+SNP microarray data
- Custom-created protocols to simplify analysis
- User-friendly genome browser to easily visualize changes in genomic regions of interest
- Detect both copy number and copy-neutral changes, all on one array

- Validated algorithms that provide high SNP call rate and call accuracy
- Graphical displays provide whole genome view and individual chromosome or gene-level view
- View copy number and copy-neutral LOH calls side-by-side
- Array-level QC metrics give you confidence in your biological results

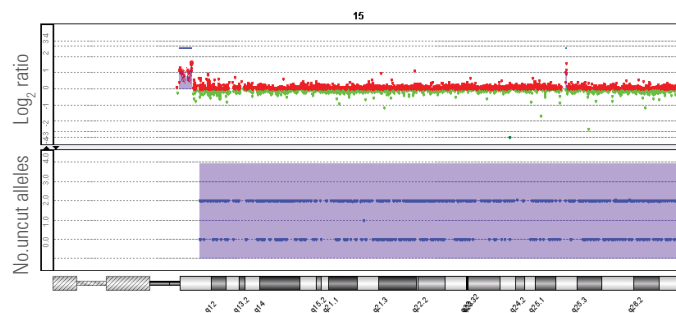
www.agilent.com/genomics

This item is not approved for use in diagnostic procedures. User is responsible for obtaining regulatory approval or clearance from the appropriate authorities prior to diagnostic use.

Agilent Technologies shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

© Agilent Technologies, Inc. 2010
Published in USA, September 29, 2010
5990-6573EN

Catalog 4x180K
CGH+SNP
Microarray
DLRSread: 0.13



Ordering Info

Product

DNA Analytics Software

Catalog

G3794AA through G3799AA

The Measure of Confidence



Agilent Technologies