

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

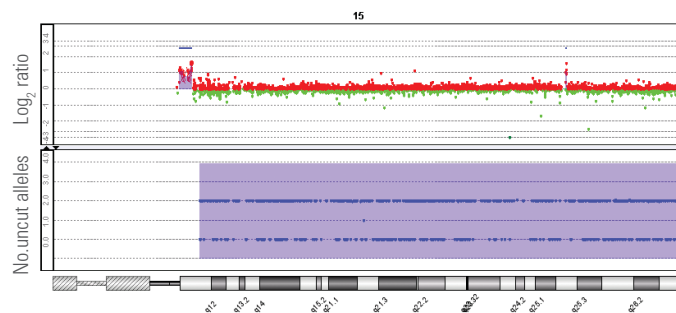
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CGH+SNP
Microarray
DLRSpread: 0.13



Ordering Info

Product

DNA Analytics Software

Catalog

G3794AA through G3799AA

The Measure of Confidence



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