



SPECTRAL
GENOMICS

Constitutional Chip™

Spectral Genomics Inc. Introduces the Constitutional Chip V3.0™!

Spectral Genomics Inc. presents a BAC CGH Microarray that offers an attractive alternative to FISH. The Constitutional Chip™ represents 42 disorders, and 41 subtelomeric regions.

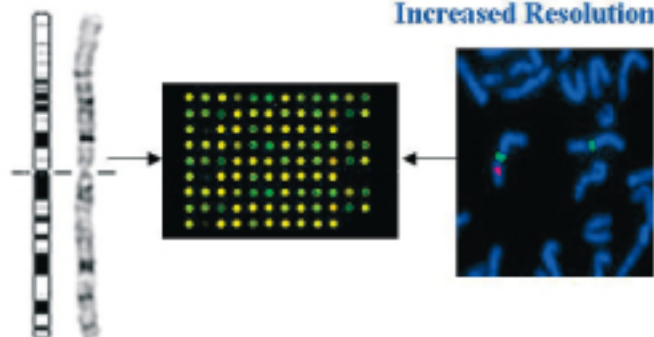
Key Features

- Microarray based Comparative Genomic Hybridization (aCGH)
- 605 Bacterial Artificial Chromosomes (BACs)
- "Dye Swap" methodology
- All clones third party FISH verified, and End-Sequenced
- Clones Printed in Triplicate. With "Dye-Swap", allows for six data points per experiment
- Viewed as simultaneous performance of hundreds of FISH experiments

- 1p36
- Adrenal Hypoplasia Congenita
- Alagille Syndrome
- Angelman Syndrome
- Azospermia Factor A
- Azospermia Factor B
- Azospermia Factor C
- Bruton Agammaglobulinemia
- Tyrosine Kinase
- Beckwith-Wiedemann Syndrome
- Charcot-Marie Tooth 1A
- Cri-du-Chat Syndrome
- DiGeorge 1/VCF Syndrome
- DiGeorge 2 - 10p13
- Duchenne Muscular Dystrophy
- Glycerol Kinase Deficiency
- Greig syndrome [GLI3]
- Hereditary Neuropathy with Liability to Pressure Palsies
- Hypoparathyroidism, Sensorineural Deafness & Renal Dysplasia

- Langer-Gledion Syndrome [EXT1 and TRPS1]
- Miller-Dieker Syndrome
- Potocki-Shaffer Syndrome [including Multiple Exostoses2]
- Neurofibromatosis 1
- Pellizaeus-Merzbacher Disease
- Polycystic Kidney Disease Type I
- Prader-Willi Syndrome
- Retinoblastoma 1
- Rubinstein-Taybi Syndrome
- Saethre-Chotzen Syndrome
- Sex determining region Y
- Smith-Magenis Syndrome
- Sotos Syndrome
- Steroid Sulfatase Deficiency
- Trichorhinophalangeal Syndrome
- Trisomy 13, 18, 21
- Tuberosus Sclerosis 1
- Williams-Beuren Syndrome
- Wilm's tumor
- Wilms Tumor-Aniridia-Gonitourinary anomalies-Mental retardation
- Wolf-Hirschorn syndrome
- 41 Subtelomeric Regions

Whole genome perspective



Spectral Genomics Inc., 8080 N. Stadium Drive, Suite 2200, Houston, Texas 77054 | T. 713-797-0092 | F. 713-797-0203

"For Investigational Use Only. The performance characteristics of this product have not been established".