



**FOR IMMEDIATE RELEASE**

## **NEW, IMPROVED CYTOGENETICS ARRAYS FROM OGT**

**Oxford, UK - November 12, 2008** - Oxford Gene Technology (OGT), the pioneer of microarray-based technologies, has launched the latest versions of its CytoSure™ family of high resolution oligonucleotide arrays, offering even more coverage than before for cytogenetic syndromes and accurate whole genome aberration detection. The Syndrome Plus v2 and Chromosome X High Density arrays have been developed in close collaboration with leading cytogeneticists for a complete, cost-effective array solution.

The CytoSure Syndrome Plus v2 array covers over 200 known cytogenetic syndrome regions, including 410 genes associated with autism, mental retardation, heart and eye diseases, with one probe every 3 kb. The array also offers extensive coverage of the whole genome, including subtelomeric regions and recombinant hotspots, with one probe every 40 kb. The Chromosome X High Density array has a probe density of one probe every 2 kb to target genes on the X chromosome, including exons, miRNAs, rRNAs and snRNAs. Both arrays are available in 2x105k format.

Also available is analysis software that allows easier interpretation of results with data exchange for comprehensive, state-of-the-art cytogenetic profiling.

Spencer Howell, Director of Cytogenetics at OGT said: “I am delighted to announce the release of the second generation of CytoSure oligonucleotide arrays from OGT. The newly designed arrays, along with our expanding ‘Complete Solution’ approach, further underlines our commitment to provide aCGH analysis in cytogenetics laboratories worldwide.”

OGT offers total support from sample to result, as well as comprehensive training to users of CytoSure arrays.

**more...**

### **For research use only**

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### **Notes to editors**

#### **About Oxford Gene Technology**

Founded in 1995 by the pioneer of Southern Blotting and microarray technologies, Professor Sir Edwin Southern, OGT is based near Oxford, UK.

#### **The key focus areas of OGT include:**

- 1. High Throughput Microarray Services.** With a processing capacity of over 1,000 samples per week, applications available include aCGH, CNV, methylation studies and miRNA.
- 2. Cytogenetics products and services** for high resolution detection of chromosomal abnormalities. OGT offers a range of high resolution oligonucleotide arrays, labelling kits and analysis software that together provide a unique, comprehensive solution for cytogenetics.
- 3. Digital microarrays/ Single Cell analysis.** OGT's innovative, patent-protected technology development programme is aimed at analysing genomic events at the single cell level for major applications such as stem cell and cancer biology.
- 4. Licensing.** OGT operates an open licensing policy which has successfully provided access for a number of companies to OGT's fundamental intellectual property, particularly in the area of microarrays.

For further information on OGT products and services please visit <http://www.ogt.co.uk/>

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