CGL is pleased to announce our NEW Infinium® CytoSNP-850K BeadChip chromosomal microarray.

**Increased Performance**
- Over 850,000 SNPs (single nucleotide polymorphisms) with 15x redundancy
- One marker every 1.8kb for ~10kb resolution/backbone
- SNP probes provide copy number estimation for detection of CNVs (copy number variants)
- SNP platform also identifies ROH (regions of homozygosity) utilized in analysis of isodisomy and recessive disorders

**Whole Genome and Gene-Level Coverage**
- Constitutional coverage consistent with the International Collaboration for Clinical Genomics (ICCG) recommendations
- Targets more than 250 clinically significant genomic regions with enriched coverage for 3,262 dosage-sensitive genes

**Higher Detection Sensitivity**
- Long 50-mer SNP probes offer high signal-to-noise ratios, allowing for increased accuracy of breakpoint estimates and more sensitive detection of low-level mosaicism

If you have questions regarding our new CytoSNP-850K platform, please call the laboratory at (303)724-5701.