



## Your reliable genomics research partner

### Bridging the gap between biology and new technologies

#### Genomics Research Themes

- ✓ Cancer genomics
- ✓ Plant / Agri Genomics
- ✓ Bovine / Cattle Genomics
- ✓ Toxicogenomics
- ✓ Clinical genomics
- ✓ Biomarker Discovery
- ✓ Epigenetics
- ✓ Bacterial Biosensors
- ✓ Drug re-purposing
- ✓ Drug target discovery

### Certified Microarray services with GUARANTEED RESULTS

#### Microarray Applications

- ✓ Gene Expression Profiling
- ✓ miRNA profiling
- ✓ Alternative Splice Variants
- ✓ Small RNA profiling
- ✓ ChIP on chip
- ✓ DNA Methylation
- ✓ aCGH (Comparative Genomics)
- ✓ CNV (Copy Number Variations)
- ✓ SNP Screening and Discovery
- ✓ InDELs (Insertions & Deletions)

### Effectively Combine Next Generation Sequencing and Microarrays

#### Pre-Sequencing Services

- ✓ On-Array capture – Select and enrich genes / genomic locations of your interest for (re)sequencing.
- ✓ Genome-Genome Comparisons – Compare different strains / isolates with reference strain.
- ✓ Scan large genomic locations for similarities and dissimilarities

#### Sequencing Services

- ✓ Genome & EST sequencing
- ✓ Focussed Re-sequencing
- ✓ ChIP & Methylation sequencing

[www.genotypic.co.in/microarray\\_services.html](http://www.genotypic.co.in/microarray_services.html)

[www.genotypic.co.in/newgen/](http://www.genotypic.co.in/newgen/)



**Special discounts\* on our microarray & sequencing services for SBC Members. Contact us today !**

\* Valid till 31<sup>st</sup> March 2009

### Recommended by scientists in India & worldwide

#### Acknowledgments

We thank scientists from CSIR, DBT, ICMR, IIT, IISc, TIFR & ICAR Institutes and Universities and Pharma and Biotech companies.

We thank scientists from various countries from Australia to America through Singapore, India, Israel and Europe including Weizmann Institute, Volcani Center, La Trobe University and Yale university.

### Choose / create the right microarray for your application

#### Catalog and Custom microarrays

- ✓ Design microarrays for Any Sequence, Any Organism, Any Application.
- ✓ Microarrays for even unsequenced organisms like Guinea pig, Tobacco, Tea and Brassica.
- ✓ Host-Pathogen microarrays for studying molecular pathogenesis.
- ✓ Human – Mouse hybrid for Xenograft studies.
- ✓ Catalog microarrays available for Mammalian, Plants, Fungi and Bacteria.

### Efficient use of Next Generation Sequences using Microarrays

#### Post - Sequencing Services

- ✓ Validate Next Generation Sequences using microarrays - ORF directions, Contig assembly, Deletions and Amplifications.
- ✓ Transcript discovery and mapping – Validate ORF predictions and discover new transcripts
- ✓ Microarrays for SNP and QTL discovery and screening.
- ✓ Design, Choose and validate best probe for different applications.

<http://www.genotypic.co.in/clientele.html>

[www.genotypic.co.in/custom\\_microarrays.html](http://www.genotypic.co.in/custom_microarrays.html)

**About Genotypic :** FIRST AND LEADING MICROARRAY SERVICE Company in India. FIRST IN THE WORLD TO BE CERTIFIED by Agilent Technologies for all 3 major microarray applications – Gene Expression, ChIP on Chip and aCGH. We are known for innovatively combining genomics platforms and analysis methods to get the real value at a short time and at lower cost. Agilent's R&D, partners, distributors and clients worldwide make use of Genotypic's services.

**Agilent  
Certified  
Services Provider**  
Microarray-Based  
Genomic Analysis

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