

## Genomic Services

Services Offered	Details	Sample Type
<b>Expression Analysis (Real Time PCR based)</b>		
	Absolute quantification(Syber Green)	For analysis of single gene
	Relative quantification(Syber Green)	For analysis of single gene
	Absolute quantification(Taqman probe based)	For analysis of single gene
	Relative quantification(Taqman probe based)	For analysis of single gene
<b>Microarray Based Analysis</b>		
	Chromosomal Microarray (array CGH (8X60k format)	DNA or RNA or tissue can be provided
	Microarray based Expression analysis	
	Microarray based SNP analysis	
	Microarray based ChIP on Chip	
<b>NGS services</b>		
	Microbial sequencing	DNA or RNA or tissue can be provided
	Mitochondrial sequencing	
	Amplicon Sequencing	
	RNA sequencing	
	Whole Genome Resequencing	
	Whole transcriptome analysis	
	Exome sequencing	
	Small RNA analysis	
MicroRNA analysis		
<b>DNA Cloning Service</b>		
	Cloning in standard Vector and confirmation	Gene of interest in form of amplicon or synthesized
	Cloning in expression vector and confirmation	
	Cloning in Vector for bacterial system	
	Cloning in Vector for Eukaryotic (fungal) system	
	Cloning in Vector for Eukaryotic (mammalian) system	
<b>Custom Gene Synthesis</b>		
	Gene synthesis upto 2kb designing, synthesis and cloning of fragment in standard vector	Base pairs sequence with all other associated details.
	Gene synthesis upto 2kb designing, synthesis and cloning of fragment in custom vector	
<b>Identification and Phylogenetic services</b>		
	Bacterial identification services (16s RNA sequencing)	Colony or tissue
	Yeast identification services (Based on ITS2 region)	
	Fungi identification services (Based on ITS1&2 region)	
	Algae identification service (Based on 18s RNA sequencing)	
	Animal identification service (Based on COI sequencing)	

Services Offered	Details	Sample Type
<b>Primer synthesis services</b>		
	Oligo 10nM 11-40mer	
	Oligo 20nM 11-40mer	
	Oligo 20nM 41-60mer	
	Oligo 20nM 61-80mer	
<b>Oligo Purification</b>		
	PAGE purification	
	HPLC purification	
	Affinity column purification	
<b>DNA sequencing services</b>		
	Single pass sequencing upto 1KB	
	Purification of PCR products before sequencing	
	Plasmid isolation from stab/culture plates	
<b>Cell Line Authentication</b>		
	Human Cell Line Authentication Services	
<b>Pharmacogenomics Services</b>		
	DMET Services	
<b>Protein Services</b>		
	Peptide Synthesis Services	
	N-terminal Sequencing	
	Conjugations Services	

We are dedicated to offer accurate and actual reports in research services, where support in form of providing detailed and relative information is required from your end.