

UNIGENOME QUERY FORM

Microarray

Date of receiving:

Date of completion:

Query no.:

Client Details:

Client Name: Organisation:

e.mail: Contact No.:

Address:

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Project Details:

Sample Source: Human Plant Animal Bacteria Fungus Virus

Scientific Name: Number of samples:

Details of sample treatment and brief experimental plan:

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Type of Sample: DNA RNA

Platform: Affymetrix Illumina BeadChip assays (iScan)

Application type: Custom Array/BeadChip Already Available/predesigned Array/BeadChip

Already available/Pre-designed Array/BeadChip on:

Affymetrix GeneChip Rice Genome Array Affymetrix GeneChip Arabidopsis ATH1 Genome Array

Affymetrix Genome-Wide Human SNP Array 6.0 Affymetrix GeneChip Human Gene ST Array

Illumina HumanHT-12 v4 Expression BeadChip Illumina HumanOmni5Exome BeadChip

Illumina MouseWG-6 v2.0 Expression BeadChip Other please specify

Custom Array Description:

Platform Array format Sequences in fasta

No of genes Probes per gene No of sample replicates

Note: rsID details & sequence information to be submitted in doc/excel/txt file.

Services:

Gene expression studies Genome wide association Studies (SNP)

Bioinformatics Analysis:

Raw data files

Gene Expression:

Box Whisker Plot showing the normalized intensity values Profile Plot Hybridization Plot (for affymetrix only)

Heat Map showing the normalized expression value with clustering information PCA plot/ Correlation table

Scatter plot of the data set (for two color array) List of significant differentially expressed genes.

Volcano Plot showing significance (-log10[corrected P-value]) versus fold change. Line Plot

Statistical analysis summary Appropriate False Discovery Rate (FDR) Test

SNP array analysis

SNP calls SNP rates Genotypes Summary statistics

Advanced services: (optional on additional payment)

GO annotation Pathway analysis Copy number as per request Copy number variation (CNV)

For any specific analysis, kindly mention below:

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