



Genomics

# Price List 2022-2023



**Experience The Power Of DNA**

# Experience

the Power  
of **DNA**



# About Us

Eurofins Genomics is a part of Eurofins Scientific Group, an international provider of genomic services established around the core business lines of next generation sequencing, custom DNA Sequencing, oligonucleotides, siRNA and gene synthesis.

The company's main mission is focused on customer's convenience and high quality services in industrial scale for the life science industries and academic research institutions around the world.

With over 38,000 staff in over 450+ laboratories across 44 countries, Eurofins scientific is the world leader in food, environment, genomics and pharmaceutical products testing. It is also one of the global market leaders in agro science, discovery pharmacology and central laboratory services. Eurofins is one of the key emerging players in speciality clinical diagnostic testing in Europe and the USA.

Eurofins Genomics India corporate office is located in Bangalore with a 14000 sq.ft. facility with a state-of-the-art infrastructure. With over 50 highly qualified, trained and skilled man power in the lab, production facility and data analysis. We are unrivalled in terms of expertise and quality of products and services we offer. Our NGS results are generated using advanced illumina Nextseq500 platform, Hiseq2500, Miseq, PacBio RS II.

Eurofins Genomics India's expertise in the field of genomics has gained a solid reputation as a provider of high quality DNA/RNA oligonucleotides, NGS, Gene synthesis and sequencing services to the top life science industries; research Institutes and academic research institutions across India covering more than 6000 customers. Our production facility is ISO 9001:2015, GLP, GMP certified, which ensures highest quality of products and services to our valuable customers.

Eurofins Genomics India's prime goal is to provide its customers with high-quality services, accurate results in fast turnaround time. We make our best effort to exceed our customer's expectations and help them in achieving their research goals in a cost-effective and quick way.

## Why Us ?

### We deliver highest quality!

The NGS Favourites are based on our superior in-house techniques which ensure premium data quality.

### We quote economic prices!

Expertise combined with excellent prices.

### We provide cognitive solutions!

Save time and effort by choosing a best practise approach that includes all steps to successfully complete your project.



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Information and Contact: BS!, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000.  
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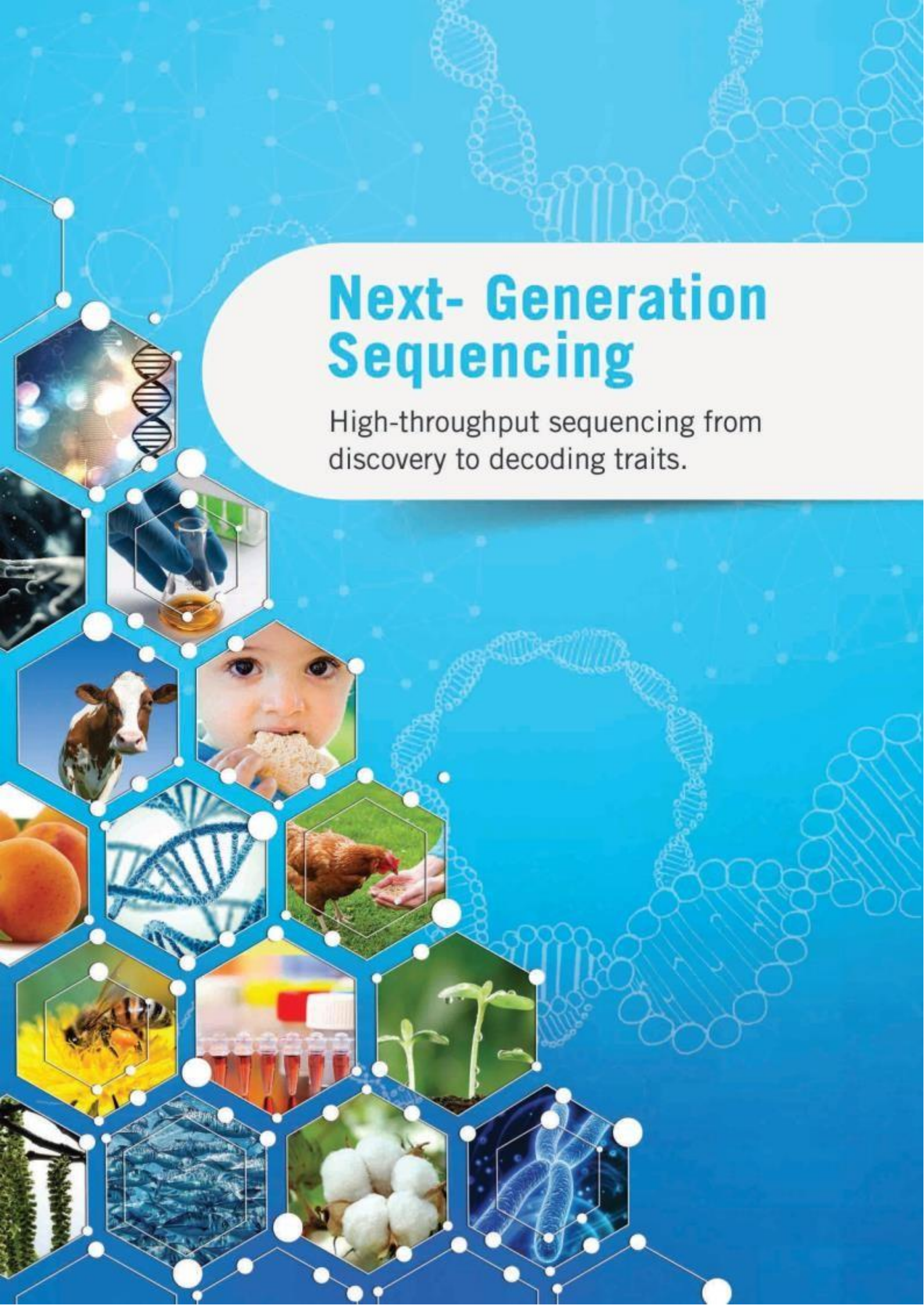
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# Next- Generation Sequencing

High-throughput sequencing from discovery to decoding traits.



## Our Lab Facilities



EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-E001	Quality analysis of DNA/RNA	Per Sample	Quality analysis of supplied DNA using Nanodrop, Qubit Fluorometer, Agarose gel electrophoresis & DIN estimation using Agilent Tape Station	2,000
EGI-NGS-E002	Genomic DNA Extraction	Per Sample	NGS grade gDNA isolation from tissue/blood with QC using Agarose gel electrophoresis, Nanodrop and Qubit fluorometer & DIN estimation using Agilent Tape Station	5,000
EGI-NGS-E003	Mitochondrial DNA Extraction	Per Sample	NGS grade mtDNA isolation from tissue/blood with QC using Agarose gel electrophoresis, Nanodrop and Qubit fluorometer	5,000
EGI-NGS-E004	Cell Free DNA Extraction	Per Sample	NGS grade cell free DNA isolation from blood with QC Nanodrop and Qubit fluorometer & Agilent Tape Station	7,000
EGI-NGS-E005	FFPE DNA Extraction	Per Sample	NGS grade gDNA isolation from FFPE sample with QC using Agarose gel electrophoresis, Nanodrop and Qubit fluorometer	5,500
EGI-NGS-E006	Total RNA Extraction	Per Sample	NGS grade Total RNA isolation from tissue/blood with QC using denaturing Agarose gel electrophoresis, Nanodrop ,Qubit fluorometer & RIN estimation using Agilent Tape Station	6,000
EGI-NGS-E007	Exosomal RNA Extraction	Per Sample	NGS grade Exosomal RNA isolation from plasma/ cultured cells with QC using Nanodrop ,Qubit fluorometer & RIN estimation using Agilent Tape Station	10,000
EGI-NGS-E008	Metagenomic DNA Extraction	Per Sample	NGS grade meta gDNA isolation from soil with QC using Agarose gel electrophoresis, Nanodrop and Qubit fluorometer	8,000
EGI-NGS-E009	Metatranscriptomic Total RNA Extraction	Per Sample	NGS grade Total RNA isolation from soil with QC using denaturing Agarose gel electrophoresis, Nanodrop ,Qubit fluorometer and RIN estimation using Agilent Tape Station	12,000
EGI-NGS-E010	Special purification (high molecular weight DNA) for Pac Bio/ LJD	Per Sample	Isolation & Purification of High molecular weight DNA from any source for PacBio sequencing/ for Mate Pair lib	35,000

\*Taxes extra as applicable.

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EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-L011	Strand specific RNA Seq Library-mRNA enriched	Per Sample	Preparation of indexed mRNA enriched strand specific library from Total RNA	20,000
EGI-NGS-L012	Strand specific RNA Seq Library-Ribo depleted	Per Sample	Preparation of Ribo-depleted indexed strand specific RNA from Total RNA	28,000
EGI-NGS-L013	Small RNA / miRNA Library	Per Sample	Preparation of indexed small RNA\miRNA library from Total RNA	28,000
EGI-NGS-L014	TruSeq DNA Library-Shotgun	Per Sample	Preparation of indexed Genome Library for sequencing on illumina Platform	10,000
EGI-NGS-L015	Mate Pair-LJD Library 3kb	Per Sample	Preparation of indexed long jump distance library (Mate Pair library) with 3 kb average insert size for sequencing on illumina Platform	40,000
EGI-NGS-L016	Mate Pair-LJD Library 8kb	Per Sample	Preparation of indexed long jump distance library (Mate Pair library) with 8 kb average insert size for sequencing on illumina Platform	50,000
EGI-NGS-L017	Whole Genome Bisulfite Treatment & Library	Per Sample	Preparation of whole genome sequencing library from bisulfite treated DNA for sequencing on illumina platform	35,000
EGI-NGS-L018	MeDIP Seq_5mc/5hmc Enrichment & Library	Per Sample	Preparation of sequencing ready MeDIP-seq library from immunoprecipitated DNA using 5mc/5hmc-antibody for sequencing on illumina platform	35,000
EGI-NGS-L019	RNA Seq library from host RNA mixed Bacterial RNA	Per Sample	Preparation of indexed RNA library by enriching bacterial total RNA from host RNA followed by enriching mRNA from Total RNA for sequencing on illumina Platform	40,000
EGI-NGS-L020	RNA Seq library from viral RNA/ DNA	Per Sample	Preparation of indexed Transcriptome/Genome library from viral RNA/DNA	20,000
EGI-NGS-L021	RNA Seq library from metatranscriptomic RNA	Per Sample	Preparation of indexed Transcriptome library from metatranscriptome sample	25,000
EGI-NGS-L022	Whole Metagenome Library Prep	Per Sample	Preparation of indexed meta genome library for sequencing on illumina Platform	10,000
EGI-NGS-L023	16S Metagenome Amplicon library	Per Sample	Preparation of sequencing ready Amplicon library targeting V3 and V4 region	7,000
EGI-NGS-L024	Metagenome Amplicon library-Cyanobacteria	Per Sample	Preparation of sequencing ready Amplicon library targeting Cyanobacteria	8,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## NGS DNA/RNA Library Preparations

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-L025	Metagenome Amplicon library-Archaea	Per Sample	Preparation of sequencing ready Amplicon library targeting Archaea	8,000
EGI-NGS-L026	Metagenome Amplicon library-ITS	Per Sample	Preparation of sequencing ready Amplicon library targeting ITS region	9,000
EGI-NGS-L027	Metagenome Custom Amplicon optimization and library Prep	Per Sample	Amplicon optimization & preparation of sequencing ready customized Amplicon library for Miseq	20,000
EGI-NGS-L028	PacBio DNA library of 5-8 Kb insert	Per sample	DNA template library preparation with 5-8 Kb insert for sequencing on PacBio RSII Platform	70,000
EGI-NGS-L029	PacBio DNA library of ~10 Kb insert	Per sample	DNA template library preparation with ~10 Kb insert for sequencing on PacBio RSII Platform	80,000
EGI-NGS-L030	PacBio DNA library of ~20 Kb insert	Per sample	DNA template library preparation with ~20 Kb insert for sequencing on PacBio RSII Platform	90,000

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-HS031	<b>HiSeq-2500 2x125 read</b> sequencing using SBS Kit v4- 1/2 L	Half lane	HiSeq 2500 sequencing to generate ~20 Gb data with sample multiplexing using 2x125 base reads i. e. up to 220 million paired end reads	2,10,000
EGI-NGS-HS032	<b>HiSeq-2500 2x125 read</b> sequencing using SBS Kit v4-1L	1-Lane	HiSeq 2500 sequencing to generate ~40-50 Gb data with sample multiplexing using 2x125 base reads i. e. up to 500 million paired end reads	3,75,000
EGI-NGS-HS033	<b>Rapid run mode sequencing</b> on HiSeq-2500 with <b>2x150 read-1L</b>	1-Lane	HiSeq 2500 sequencing with SBS V2 kit to generate 35-40 Gb data with sample multiplexing using 2x150 base reads i. e. up to 250 million paired end reads	4,25,000
EGI-NGS-HS034	<b>Rapid run mode sequencing</b> on HiSeq-2500 with <b>2x150 read-2L</b>	2-Lanes	HiSeq 2500 sequencing with SBS V2 kit to generate 70-80 Gb data with sample multiplexing using 2x150 base reads i. e. up to 500 million paired end reads	7,00,000
EGI-NGS-HS035	<b>Rapid run mode sequencing</b> on HiSeq-2500 with <b>2x250 read-1L</b>	1-Lane	HiSeq 2500 sequencing to generate 55-60 Gb data with sample multiplexing using 2x 250 base reads i. e. up to 250 million paired end reads	6,00,000
EGI-NGS-HS036	<b>Rapid run mode sequencing</b> on HiSeq-2500 with <b>2x250 read-2L</b>	2-Lanes	HiSeq 2500 sequencing to generate 110-120 Gb data with sample multiplexing using 2x250 base reads i. e. up to 500 million paired end reads	11,00,000
EGI-NGS-HS037	<b>HiSeq-2500 1x36 read</b> sequencing using SBS Kit v4-1L	1-Lanes	HiSeq 2500 sequencing to generate ~7.5 Gb data with sample multiplexing using 1x36 base reads i. e. up to 250 million single end reads	90,000
EGI-NGS-HS038	<b>NextSeq 1x75 High Output</b> Seq using v2 kit QFC	Quarter FC	NextSeq sequencing to generate ~5 Gb data with sample multiplexing using 1x75 base reads i. e. up to 70 million single-end reads in quarter part flow cell	90,000
EGI-NGS-HS039	<b>NextSeq 1x75 High Output</b> Seq using v2 kit HFC	Half FC	NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 1x75 base reads i. e. up to 150 million single-end reads in half part flow cell	1,50,000
EGI-NGS-HS040	<b>NextSeq 1x75 High Output</b> Seq using v2 kit FFC	Full FC	NextSeq sequencing to generate ~20-24 Gb data with sample multiplexing using 1x75 base reads i. e. up to 320 million single-end reads in full flow cell	3,00,000
EGI-NGS-HS041	<b>NextSeq 2x75 High Output</b> Seq using Kit v2 QFC	Quarter FC	NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 2x75 base reads i. e. up to 150 million Paired-end reads in quarter part flow cell	1,00,000
EGI-NGS-HS042	<b>NextSeq 2x75 High Output</b> Seq using Kit v2 HFC	Half FC	NextSeq sequencing to generate ~20-22 Gb data with sample multiplexing using 2x75 base reads i. e. up to 300 million Paired-end reads in half part flow cell	2,00,000
EGI-NGS-HS043	<b>NextSeq 2x75 High Output</b> Seq using Kit v2 FFC	Full FC	NextSeq sequencing to generate ~40-45 Gb data with sample multiplexing using 2x75 base reads i. e. up to 600 million Paired-end reads in full flow cell	4,00,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.



EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-HS044	<b>NextSeq 2x150 High Output</b> Seq using Kit v2 QFC	Quarter FC	NextSeq sequencing to generate ~20 Gb data with sample multiplexing using 2x150 base reads i. e. up to 150 million Paired-end reads in quarter part flow cell	1,50,000
EGI-NGS-HS045	<b>NextSeq 2x150 High Output</b> Seq using Kit v2 HFC	Half FC	NextSeq sequencing to generate ~40 Gb data with sample multiplexing using 2x150 base reads i. e. up to 300 million Paired-end reads in half part flow cell	3,00,000
EGI-NGS-HS046	<b>NextSeq 2x150 High Output</b> Seq using Kit v2 FFC	Full FC	NextSeq sequencing to generate ~ 80 Gb data with sample multiplexing using 2x150 base reads i. e. up to 600 million Paired-end reads in full flow cell	5,75,000
EGI-NGS-HS047	<b>MiSeq 2x300 Seq</b> using Kit v3 HFC	Half FC	MiSeq sequencing to generate ~ 5 Gb data with sample multiplexing using 2x300 base reads i. e. up to 18 million Paired-end reads in Half Part flow cell	1,50,000
EGI-NGS-HS048	<b>MiSeq 2x300 Seq</b> using Kit v3 FFC	Full FC	MiSeq sequencing to generate ~ 11 Gb data with sample multiplexing using 2x300 base reads i. e. up to 35 million Paired-end reads in full flow cell	3,00,000
EGI-NGS-HS049	<b>MiSeq 2x300 Seq</b> using Kit v3 HFC Amplicon Seq	Half FC	MiSeq sequencing with sample multiplexing using 2x300 base reads to generate up to 8 million Paired-end reads in half Part flowcell	1,50,000
EGI-NGS-HS050	<b>MiSeq 2x300 Seq</b> using Kit v3 Full FC Amplicon Seq	Full FC	MiSeq sequencing with sample multiplexing using 2x300 base reads to generate up to 16 million Paired-end reads in full flowcell	3,00,000
EGI-NGS-HS051	SMRT Cell Seq with C4/P6 chemistry	1 SMRT	Generate 800 Mbs data using C4/P6 chemistry with long read length	1,00,000
EGI-NGS-HS052	SMRT Cell Seq with C4/P6 chemistry	2 SMRT	Generate 1.6 Gb data using C4/P6 chemistry with long read length	2,00,000
EGI-NGS-HS053	SMRT Cell Seq with C4/P6 chemistry	4 SMRT	Generate 3.2 Gb data using C4/P6 chemistry with long read length	4,00,000
EGI-NGS-HS054	SMRT Cell Seq with C4/P6 chemistry	8 SMRT	Generate 6.4 Gb data using C4/P6 chemistry with long read length	8,00,000

## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR055	RNA Seq reference based	1 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate ~1 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	55,000
EGI-NGS-SR056	RNA Seq reference based	2 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate ~2 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	60,000
EGI-NGS-SR057	RNA Seq reference based	4 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate ~4 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	70,000
EGI-NGS-SR058	RNA Seq denovo	1-2 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate 1-2 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	70,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR059	RNA Seq denovo	3-4 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate 3-4 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	85,000
EGI-NGS-SR060	RNA Seq denovo	6-7 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched strand specific library preparation, NextSeq sequencing to generate 6-7 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	1,00,000
EGI-NGS-SR061	Single Cell Transcriptomics	3 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched library from Total RNA, NextSeq sequencing to generate ~3 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, comprehensive report, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, comprehensive report.	1,20,000
EGI-NGS-SR062	Single Cell Transcriptomics	6 Gb data	Per Sample	NGS grade Total RNA isolation & QC, indexed mRNA enriched library from Total RNA, NextSeq sequencing to generate ~6 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, comprehensive report, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, comprehensive report.	1,75,000
EGI-NGS-SR063	WGS-De Novo	2 Gb data	Per Sample	NGS grade DNA isolation & QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~2 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	50,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR064	WGS-De Novo	4 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~4 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	70,000
EGI-NGS-SR065	WGS-De Novo	6 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~6 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	90,000
EGI-NGS-SR066	WGS-De Novo	8 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~8 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	1,00,000
EGI-NGS-SR067	WGS-De Novo	10 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	1,20,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR068	WGS-De Novo	16 Gb Data	Per Sample	NGS grade DNA isolation and QC, Preparation of two indexed long jump distance libraries (Mate Pair library) with 3 kb and 8Kb average insert size with one indexed Genome Library for sequencing on illumina Platform, NextSeq sequencing to generate ~3 Gb data each for Mate pair libraries and ~10 Gb data for shotgun library with sample multiplexing using 2x 150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with graphs and tables.	3,00,000
EGI-NGS-SR069	WGS-De Novo	32 Gb Data	Per Sample	NGS grade DNA isolation and QC, Preparation of two indexed long jump distance libraries (Mate Pair library) with 3 kb and 8Kb average insert size with one indexed Genome Library for sequencing on illumina Platform, NextSeq sequencing to generate ~6 Gb data each for Mate pair libraries and ~20 Gb data for shotgun library with sample multiplexing using 2x 150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with graphs and tables.	6,00,000
EGI-NGS-SR070	WGS-De Novo	64 Gb Data	Per Sample	NGS grade DNA isolation and QC, Preparation of two indexed long jump distance libraries (Mate Pair library) with 3 kb and 8Kb average insert size with one indexed Genome Library for sequencing on illumina Platform, NextSeq sequencing to generate ~12 Gb data each for Mate pair libraries and ~40 Gb data for shotgun library with sample multiplexing using 2x 150 base PE reads, Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with graphs and tables.	9,00,000
EGI-NGS-SR071	Whole Genome Resequencing	2 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~2 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of PE reads, mapping of high quality reads to the reference genome (Customer supplied), alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with graphs and tables.	50,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR072	Whole Genome Resequencing	4 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~4 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, core gene analysis using orthomcl, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with graphs and tables.	65,000
EGI-NGS-SR073	Whole Genome Resequencing	6 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~6 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, core gene analysis using orthomcl, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with graphs and tables.	80,000
EGI-NGS-SR074	Whole Genome Resequencing	8 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~8 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, core gene analysis using orthomcl, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with graphs and tables.	95,000
EGI-NGS-SR075	Whole Genome Resequencing	10 Gb data	Per Sample	NGS grade DNA isolation with QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, core gene analysis using orthomcl, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with graphs and tables.	1,15,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR076	Small RNA/ mi RNA sequencing	10 Million reads	Per Sample	NGS grade Total RNA isolation & QC, indexed miRNA/ small RNA library from Total RNA, NextSeq sequencing to generate ~10 million reads with sample multiplexing using 1x75 base SE reads, Quality filtration of reads, mapping of reads to miRNA database, expression profiling of miRNA, differential miRNA analysis (if more than one sample), Novel precursor miRNAs and mature miRNA, secondary structures of candidate (novel) precursor miRNAs, target identification of known and novel miRNA, comprehensive report with graphs and tables.	72,000
EGI-NGS-SR077	Small RNA/ mi RNA sequencing	20 Million reads	Per Sample	NGS grade Total RNA isolation & QC, indexed miRNA/ small RNA library from Total RNA, NextSeq sequencing to generate ~20 million reads with sample multiplexing using 1x75 base SE reads, Quality filtration of reads, mapping of reads to miRNA database, expression profiling of miRNA, differential miRNA analysis (if more than one sample), Novel precursor miRNAs and mature miRNA, secondary structures of candidate (novel) precursor miRNAs, target identification of known and novel miRNA, comprehensive report with graphs and tables.	90,000
EGI-NGS-SR078	Small RNA/ mi RNA sequencing	30 Million reads	Per Sample	NGS grade Total RNA isolation & QC, indexed miRNA/ small RNA library from Total RNA, NextSeq sequencing to generate ~30 million reads with sample multiplexing using 1x75 base SE reads, Quality filtration of reads, mapping of reads to miRNA database, expression profiling of miRNA, differential miRNA analysis (if more than one sample), Novel precursor miRNAs and mature miRNA, secondary structures of candidate (novel) precursor miRNAs, target identification of known and novel miRNA, comprehensive report with graphs and tables.	1,10,600
EGI-NGS-SR079	TruSeq Exome sequencing, 45 Mb capture	50X coverage	Per Sample	NGS grade DNA isolation & QC indexed exome library to capture exons only for sequencing on illumina Platform, NextSeq sequencing to generate ~2 Gb data with sample multiplexing using 2x75 base PE reads, Quality filtration of reads, alignment of reads to human reference hg19, summary statistics of coverage chromosomewise, complete list of mutation in excel (annotation of variants using various databases including 1000 genome, dbSNP, DBNSFP, GWAS, COSMIC, ClinVar and EmVClass), disease related mutation list in excel, comprehensive report with clinical importance.	55,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR080	Exome sequencing, 64 Mb Expanded Exome capture	50X coverage	Per Sample	NGS grade DNA isolation with QC indexed exome library to capture exons only for sequencing on illumina Platform, NextSeq sequencing to generate ~3.5 Gb data with sample multiplexing using 2x75 base PE reads and Quality filtration of reads, alignment of reads to human reference hg19, summary statistics of coverage chromosomewise, complete list of mutation in excel (annotation of variants using various databases including 1000 genome, dbSNP, DBNSFP, GWAS, COSMIC, ClinVar and EmVClass), disease related mutation list in excel, comprehensive report with clinical importance.	70,000
EGI-NGSSR081	Amplicon Seq for V3-V4	1,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using V3-V4 region specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 1,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	25,000
EGI-NGS-SR082	Amplicon Seq for V3-V4	5,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using V3-V4 region specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 5,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	40,000
EGI-NGS-SR083	Amplicon Seq for Archaea	1,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using targeting Archaeal population specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 1,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	30,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR084	Amplicon Seq for Archaea	5,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using targeting Archaeal population specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 5,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	45,000
EGI-NGS-SR085	Amplicon Seq for Cyanobacteria	1,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using targeting Cyanobacteria specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 1,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	30,000
EGI-NGS-SR086	Amplicon Seq for Cyanobacteria	5,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using targeting Cyanobacteria specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 5,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	45,000
EGI-NGS-SR087	Amplicon Seq for ITS	1,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using ITS specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 1,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	30,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR088	Amplicon Seq for ITS	5,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using ITS specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 5,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	40,000
EGI-NGS-SR089	Amplicon Seq - Customized	1,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using target specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 1,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	45,000
EGI-NGS-SR090	Amplicon Seq - Customized	5,00,000 PE reads	Per Sample	NGS grade meta gDNA isolation from soil with QC, Amplicon library Preparation using target specific primer and sequencing on MiSeq using 2x300 bp chemistry to generate 5,00,000 PE reads, Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot) (if more than 3 samples), comprehensive report with graphs and tables.	60,000
EGI-NGS-SR091	Whole Meta Genome Sequencing	5 Gb data	Per Sample	NGS grade meta gDNA isolation from soil & QC, indexed meta genome library for sequencing on illumina Platform and NextSeq sequencing to generate ~5 Gb data with sample multiplexing using 2x 150 base PE reads, Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, Comprehensive report with graphs and tables.	1,10,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR092	Whole Meta Genome Sequencing	10 Gb data	Per Sample	NGS grade meta gDNA isolation from soil & QC, indexed meta genome library for sequencing on illumina Platform and NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 2x 150 base PE reads, Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, Comprehensive report with graphs and tables.	2,00,000
EGI-NGS-SR093	Whole Meta Genome Sequencing	15 Gb data	Per Sample	NGS grade meta gDNA isolation from soil & QC, indexed meta genome library for sequencing on illumina Platform and NextSeq sequencing to generate ~15 Gb data with sample multiplexing using 2x 150 base PE reads, Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, Comprehensive report with graphs and tables.	3,02,000
EGI-NGS-SR094	Whole Meta Genome Sequencing	20 Gb data	Per Sample	NGS grade meta gDNA isolation from soil & QC, indexed meta genome library for sequencing on illumina Platform and NextSeq sequencing to generate ~20 Gb data with sample multiplexing using 2x 150 base PE reads, Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, Comprehensive report with graphs and tables.	3,52,000
EGI-NGS-SR095	Whole Genome Bisulfite Sequencing (WGBS)	5 Gb data	Per Sample	NGS grade DNA isolation & QC , indexed Genome library from bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~5 Gb data with sample multiplexing using 2x 75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	1,50,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR096	Whole Genome Bisulfite Sequencing (WGBS)	10 Gb data	Per Sample	NGS grade DNA isolation & QC, indexed Genome library from bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 2x 75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	1,82,000
EGI-NGS-SR097	Whole Genome Bisulfite Sequencing (WGBS)	15 Gb data	Per Sample	NGS grade DNA isolation & QC, indexed Genome library from bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~15 Gb data with sample multiplexing using 2x 75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	2,15,000
EGI-NGS-SR098	Whole Genome Bisulfite Sequencing (WGBS)	20 Gb data	Per Sample	NGS grade DNA isolation & QC, indexed Genome library from bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~20 Gb data with sample multiplexing using 2x 75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	2,47,000
EGI-NGS-SR099	Reduced representation bisulfite sequencing (RRBS)	5 Gb data	Per Sample	NGS grade DNA isolation & QC, indexed Genome library from Restriction Enzyme digested and Bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~5 Gb data with sample multiplexing using 1x75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	1,60,000

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## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	NGS Seq Output	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR100	Reduced representation bisulfite sequencing (RRBS)	10 Gb data	Per Sample	NGS grade DNA isolation & Q, indexed Genome library from Restriction Enzyme digested and Bisulfite treated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~10 Gb data with sample multiplexing using 1x75 base PE reads, Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with graphs and tables.	1,92,000
EGI-NGS-SR101	Methylated DNA Immunoprecipitation Seq (MeDIP Seq_5mc/hMeDIP Seq_5hmc)	3 Gb data	Per Sample	NGS grade DNA isolation & QC, enrichment of methylated DNA fragments via an antibody raised against 5-methylcytosine (5mC) / 5-hydroxymethylcytosine (5-hmC), Preparation of sequencing ready MeDIP-seq library from immunoprecipitated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~3 Gb data with sample multiplexing using 1 x 75 base SE reads, Quality filtration of reads, alignment of MeDIP seq reads to reference genome, mapping summary statistics, distribution for uniquely mapped reads, genome coverage, enriched regions-Peaks, differentially methylated genes, comprehensive report with graphs and tables.	1,30,000
EGI-NGS-SR102	Methylated DNA Immunoprecipitation Seq (MeDIP Seq_5mc / hMeDIP Seq_5hmc)	5 Gb data	Per Sample	NGS grade DNA isolation & QC, enrichment of methylated DNA fragments via an antibody raised against 5-methylcytosine (5mC) / 5-hydroxymethylcytosine (5-hmC), Preparation of sequencing ready MeDIP-seq library from immunoprecipitated DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~3 Gb data with sample multiplexing using 1 x 75 base SE reads, Quality filtration of reads, alignment of MeDIP seq reads to reference genome, mapping summary statistics, distribution for uniquely mapped reads, genome coverage, enriched regions-Peaks, differentially methylated genes, comprehensive report with graphs and tables.	1,52,000
EGI-NGS-SR103	Genotyping by Sequencing	Upto 1.5-2 Million reads	48 samples	NGS grade DNA isolation and QC, suitable restriction enzyme digestion as per the genome species, Preparation of sequencing ready GBS library from restriction enzyme digested DNA for sequencing on illumina Platform, NextSeq sequencing to generate ~Upto 1.5-2 million single end reads with multiplexing up to 48 samples per batch using 1x 150 base SE reads, Demultiplexing and quality filtration of reads, adapter trimming, RE sites, List of markers, Haplotype with their alleles values and alleles depth, genotypes for each samples, annotation of the RADtags, Genetic/Association map, comprehensive report with graphs and tables.	4,00,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## Sample to Report Service on NGS illumina Platforms

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR104	Tilling Seq for 5 Gene-96 sample	96 samples	DNA extraction, QC, gene amplification, amplicon purification, quantification, equimolar pooling and TILLING library preparation for 8 rows 12 columns pooling to prepare 20 libraries for 5 genes -96 Samples, Quality filtration of reads, alignment statistics, alignment file per library, librarywise variant calling with gene ID for TILLING, List of all the variants (SNP position, read depth, count of variation and variation percentage), Variation in the matrix for all libraries, comprehensive report with graphs and tables.	27,36,000
EGI-NGS-SR105	Tilling Seq for 10 Gene-96 sample	96 samples	DNA extraction, QC, gene amplification, amplicon purification, quantification, equimolar pooling and TILLING library preparation for 8 rows 12 columns pooling to prepare 20 libraries for 10 genes -96 Samples, Quality filtration of reads, alignment statistics, alignment file per library, librarywise variant calling with gene ID for TILLING, List of all the variants (SNP position, read depth, count of variation and variation percentage), Variation in the matrix for all libraries, comprehensive report with graphs and tables.	29,76,000

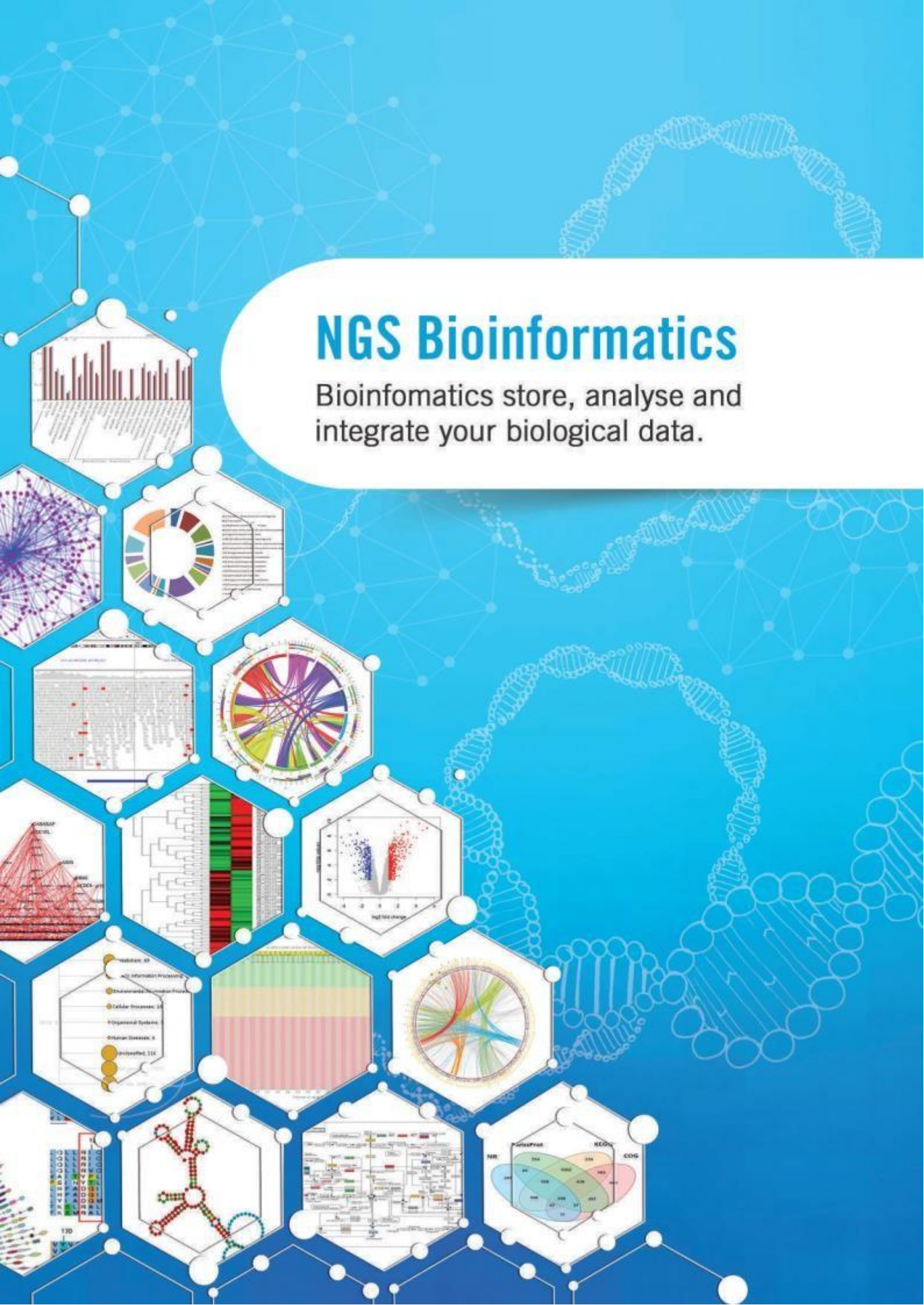
EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-SR106	Insect comprehensive reference based mitochondrial DNA Sequencing and analysis	per mt-genome dataset	NGS grade Mitochondrial DNA isolation & QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~2-3 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, mapping of high quality reads to the reference mtgenome, alignment summary (#reads mapped, #reads unmapped, genome coverage), consensus sequence, gene prediction, gene annotation, circos plot, comprehensive report with graphs and tables.	75,000
EGI-NGS-SR107	Plant comprehensive reference based mitochondrial DNA Sequencing and analysis	per mt-genome dataset	NGS grade Mitochondrial DNA isolation & QC, indexed Genome library for sequencing on illumina Platform, NextSeq sequencing to generate ~5-6 Gb data with sample multiplexing using 2x150 base PE reads, Quality filtration of reads, mapping of high quality reads to the reference mtgenome, alignment summary (#reads mapped, #reads unmapped, genome coverage), consensus sequence, gene prediction, gene annotation, circos plot, comprehensive report with graphs and tables.	90,000

\*Taxes extra as applicable.

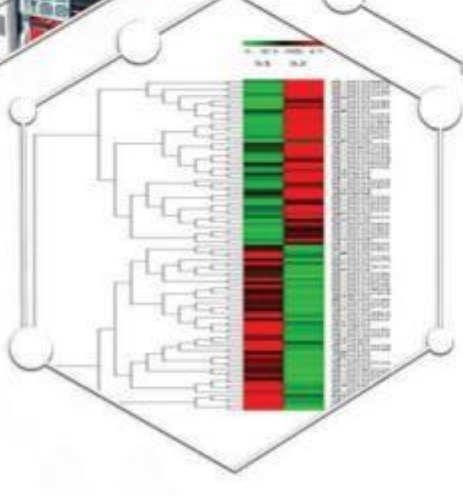
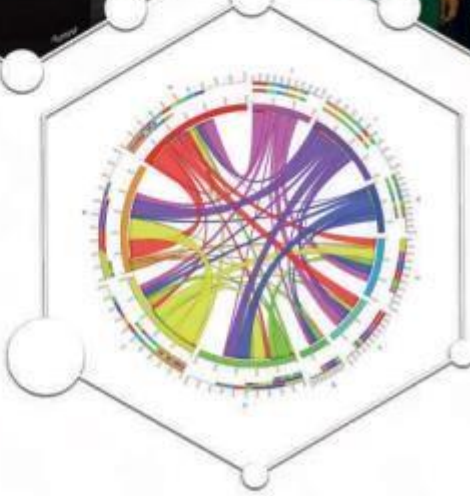
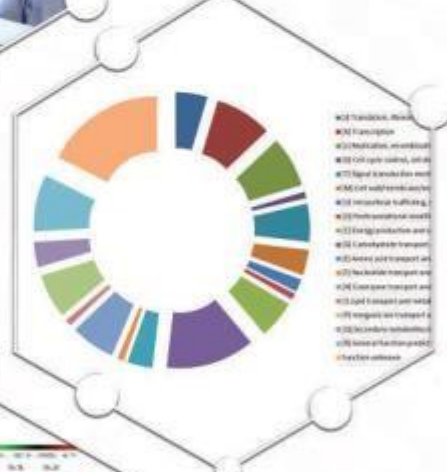
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# NGS Bioinformatics

Bioinformatics store, analyse and integrate your biological data.



# Our Lab Facilities





## Bacterial Denovo Genome Assembly

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI108	Comprehensive bacterial denovo genome assembly & analysis	per genome dataset	Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	65,000
EGI-NGS-BI109	Comprehensive fungus denovo genome assembly & analysis (Genome size upto 50Mb)	per genome dataset	Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, Biosynthetic gene cluster analysis, SSR discovery, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, Orthologous groups analysis using Orthomcl, KEGG pathway analysis, repeat identification, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	75,000
EGI-NGS-BI110	Pacbio comprehensive bacterial / Fungus denovo genome assembly & analysis	per genome dataset	Quality filtration of reads, quality graphs of insert and subreads, read error correction, denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels discovery (if more than one sample), phylogenetic analysis, circos plot, COG, orthologous groups analysis using Orthomcl, KEGG pathway analysis, repeat identification, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	70,000
EGI-NGS-BI111	Fungus hybrid denovo genome assembly & analysis	per genome dataset	Quality filtration of reads, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SSR discovery, SNP/Indels discovery (if more than one sample), phylogenetic analysis, KEGG pathway analysis, repeat identification, circos plot, COG, orthologous groups analysis using Orthomcl, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	1,25,000
EGI-NGS-BI112	Comprehensive denovo genome assembly & analysis (Genome size upto 1Gb)	per genome dataset	Quality filtration of reads, kmer depth distribution analysis, Insilico genome size estimation, denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly using RNA-Seq data, GC percentage, repeat identification, gene prediction, gene annotation, GO analysis, SSR discovery, SNP/Indel discovery (if more than one sample), phylogenetic analysis, KEGG pathway analysis, comparative genomics with closely related genomes, circos plot, COG, orthologous groups analysis using Orthomcl, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	2,50,000

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI113	Comprehensive large genome denovo assembly & analysis (Genome size >1Gb)	per genome dataset	Quality filtration of reads, kmer depth distribution analysis, Insilico genome size estimation, denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly using RNA-Seq data, GC percentage, repeat identification, generation of gene model using transcriptome data (RNAseq data required), gene prediction, gene annotation, GO analysis, SSR discovery, SNP/Indel discovery(if more than one sample), phylogenetic analysis, KEGG pathway analysis, comparative genomics with closely related genomes, circos plot, COG, orthologous groups analysis using Orthomcl, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	5,00,000
EGI-NGS-BI114	Large genome hybrid denovo assembly & analysis	per genome dataset	Quality filtration of reads, kmer depth distribution analysis, Insilico genome size estimation, Denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, generation of gene model using transcriptome data (RNAseq data required), gene prediction, gene annotation, GO analysis, SSR discovery, SNP/Indels discovery (if more than one sample), phylogenetic analysis, KEGG pathway analysis, repeat identification, circos plot, COG, orthologous groups analysis using Orthomcl, core gene analysis, comprehensive report with publication standard methodology, graphs and tables.	6,50,000

## Reference guided genome analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI115	Bacterial reference guided genome assembly & analysis	per genome dataset	Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with publication standard methodology, graphs and tables.	30,000
EGI-NGS-BI116	Fungus reference guided genome assembly & analysis	per genome dataset	Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with publication standard methodology, graphs and tables.	45,000

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI117	Plants reference guided genome assembly & analysis	per genome dataset	Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with publication standard methodology, graphs and tables.	1,50,000
EGI-NGS-BI118	Other organisms reference guided genome assembly and analysis	per genome dataset	Quality filtration of PE reads, mapping of high quality reads to the reference genome, alignment summary (# reads mapped, # uniquely mapped reads, # reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, synteny plot, phylogenetic analysis, circos plot (genes, gene/genome coverage, SNPs etc), comprehensive report with publication standard methodology, graphs and tables.	1,50,000

## Whole Metagenome Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI119	Whole metagenome analysis	per metaG dataset	Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, Comprehensive report with publication standard methodology, graphs and tables.	90,000
EGI-NGS-BI120	Whole metagenome and comparative analysis	per metaG dataset	Quality filtration of data, denovo assembly of high quality reads, Microbial distribution, Abundance and identification of microbial community, Analysis of dominant population, taxonomic assignment, Functional annotation, KEGG Pathway, comparative analysis, Comprehensive report with publication standard methodology, graphs and tables.	1,20,000

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI121	16S MicroBiome Profiling and comparative analysis	per amplicon dataset	Quality filtration of data, softwares used are QIIME, phylogenetic analysis of microbial distribution, HeatMap, abundance and identification of microbial community, analysis for dominant population, taxa identification, Rarefaction curve and alpha diversity, comparative analysis and beta diversity (PCoA Plot)(if more than 3 samples), comprehensive report with publication standard methodology, graphs and tables.	20,000

### Genotyping by Sequencing: Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI122	Denovo GBS/RAD analysis	per sample GBS/RAD dataset	Demultiplexing and quality filtration of reads, adapter trimming, RE sites, List of markers, Haplotype with their alleles values and alleles depth, genotypes for each samples, annotation of the RADtags, Genetic/Association map, comprehensive report with publication standard methodology, graphs and tables.	4,000
EGI-NGS-BI123	Reference based GBS/RAD analysis	per sample GBS/RAD dataset	Demultiplexing and quality filtration of reads, adapter trimming, RE sites, mapping on the reference genome, List of markers, Haplotype with their alleles values and alleles depth, genotypes for each samples, annotation of the RADtags, Genetic/Association map, comprehensive report with publication standard methodology, graphs and tables.	3,500

### Viral Denovo Genome Assembly

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI124	Comprehensive Viral Denovo Genome assembly and analysis	per viral dataset	Quality filtration of reads, denovo assembly generating scaffolds/contigs, assembly statistics, Insilico validation of assembly, GC percentage, gene prediction, gene annotation, GO analysis, SNP/Indels identification(with closely related virus or if more than one sample), SNP/Indels annotation, core gene analysis using orthomcl, phylogenetic analysis, comparative genomics, pathway analysis, comprehensive report with publication standard methodology, graphs and tables.	35,000
EGI-NGS-BI125	Comprehensive Viral reference based Genome analysis	per viral dataset	Quality filtration of reads, mapping of high quality reads to the reference genome, alignment summary (#reads mapped, #uniquely mapped reads, #reads unmapped, genome coverage), consensus sequence, gene prediction using gtf/gff, SNP/Indels identification, SNP/Indels annotation, core gene analysis using orthomcl, comparative genomics, phylogenetic analysis, pathway analysis, comprehensive report with publication standard methodology, graphs and tables.	30,000

## NGS Bioinformatics Analysis

### WG Bisulfite Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI126	WG Bisulfite analysis	per genome dataset	Quality filtration of data, genome alignment to the insilico converted bisulphite genome, alignment files in .bam format, methylation density, genome wide methylation profile identification, differentially methylated genes, CpG track for visualization, comprehensive report with publication standard methodology, graphs and tables.	1,00,000

### WG MeDIP-Seq Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI127	MeDIP analysis	per genome dataset	Quality filtration of reads, alignment of MeDIP seq reads to reference genome, mapping summary statistics, distribution for uniquely mapped reads, genome coverage, enriched regions-Peaks, differentially methylated genes, comprehensive report with publication standard methodology, graphs and tables.	40,000

### Denovo RNASeq

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI128	Bacterial comprehensive Denovo RNASeq analysis	per RNAseq dataset	Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, Gene ontology analysis, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	45,000
EGI-NGS-BI129	Fungus comprehensive Denovo RNASeq analysis	per RNAseq dataset	Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	50,000
EGI-NGS-BI130	Animal comprehensive Denovo RNASeq analysis	per RNAseq dataset	Quality filtration of reads, Denovo assembly generating transcript/unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	55,000

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI131	Plant comprehensive Denovo RNASeq analysis	per RNAseq dataset	Quality filtration of reads, Denovo assembly generating transcript/ unigene, summary statistics, CDS prediction, functional annotation using NCBI NRdb, Swiss prot, COG, KEGG-pathway analysis, gene ontology analysis, SSR Identification, differential gene expression analysis (if more than one sample), HeatMap, comprehensive report with publication standard methodology, graphs and tables.	55,000

## Reference Based RNASeq

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI132	Bacterial comprehensive reference based RNASeq analysis	per RNAseq dataset	Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	25,000
EGI-NGS-BI133	Plant comprehensive reference based RNASeq analysis	per RNAseq dataset	Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	40,000
EGI-NGS-BI134	Other organisms comprehensive reference based RNASeq analysis	per RNAseq dataset	Quality filtration of reads, mapping on the reference genome, alignment summary statistics, gene coverage, differential gene expression analysis based on RPKM/FPKM, functional annotation of differentially expressed genes, list of upregulated and downregulated genes, statistical significant genes, HeatMap, volcano plot, scatter plot, pathway analysis, SNP analysis, SSR Identification, .bam file for visualization of alignment, comprehensive report with publication standard methodology, graphs and tables.	45,000
EGI-NGS-BI135	Identification of alternative splice events	per RNAseq dataset	Quality filtration of reads, mapping on the reference genome, alignment summary statistics, splice junction identification, identification and graphical representation of alternative splice events: exon skipping, intron retention, alternative donor and acceptor sites, differential analysis (more than one sample), GO analysis and KEGG pathway analysis, comprehensive report with publication standard methodology, graphs and tables.	45,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## NGS Bioinformatics Analysis

### Metatranscriptome Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI136	Metatranscriptome	per metaT dataset	Quality filtration of reads, removable of ncRNA, Assembly/Mapping of removed ncRNA reads, MG-RAST/MEGAN, Phylogenetic analysis, microbial community abundance and identification, Analysis of dominant population, taxa identification, functional annotation Expression analysis, COG analysis, KEGG pathway analysis, SEED analysis, PCoA/LCA plot, Rarefaction Curve, alpha diversity and beta diversity (for more than one sample), comprehensive report with publication standard methodology, graphs and tables.	55,000

### Small RNA Discovery & Profiling

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI137	Homology based small RNA discovery	per small RNA dataset	Quality filtration of reads, homology based identification of known miRNA, expression profiling of miRNA, differential miRNA analysis (if more than one sample), Novel precursor miRNAs and mature miRNA, secondary structures of candidate(novel) precursor miRNAs, target identification of known and novel miRNA, functional annotation of targeted genes, comprehensive report with publication standard methodology, graphs and tables.	35,000
EGI-NGS-BI138	Small RNA discovery and Profiling	per small RNA dataset	Quality filtration of reads, mapping of reads to miRNA database, expression profiling of miRNA, differential miRNA analysis (if more than one sample), Novel precursor miRNAs and mature miRNA, secondary structures of candidate(novel) precursor miRNAs, target identification of known and novel miRNA, functional annotation of targeted genes, comprehensive report with publication standard methodology, graphs and tables.	25,000
EGI-NGS-BI139	Small RNA primer designing	per small RNA dataset	Insilico optimized primer designing for miRNA	10,000

### ChIPSeq Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI140	<b>ChIPSeq</b> analysis	per ChIPSeq dataset	Quality filtration of reads, Genome/gene wide peak scanning and distribution, BED, bam and WIG file for visualization of interval peaks, active region, probe signals, comprehensive report with publication standard methodology, graphs and tables.	35,000

### ExomeSeq Analysis

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI141	<b>Exome for family Trios</b>	per exome dataset	Quality filtration of reads, alignment of reads to human reference hg19, summary statistics of coverage chromosomewise, complete list of mutation in excel (annotation of variants using various databases including 1000 genome, dbSNP, DBNSFP, GWAS, COSMIC, ClinVar and EmVClass), disease related mutation list in excel, pedigree analysis, comprehensive report with clinical importance.	75,000
EGI-NGS-BI142	<b>Exome for individual</b>	per exome dataset	Quality filtration of reads, alignment of reads to human reference hg19, summary statistics of coverage chromosomewise, complete list of mutation in excel (annotation of variants using various databases including 1000 genome, dbSNP, DBNSFP, GWAS, COSMIC, ClinVar and EmVClass), disease related mutation list in excel, comprehensive report with clinical importance.	30,000

### Biological Database Development

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI143	Database development for genome (1 genome)	per database	Structural and semistructural Database for genome service, graphical user interface (GUI) to interact with database, browse, update, add and delete the records in database, external tool integration such as blast and IGV for analysis and visualization, link database to the external public repository, Database architecture will be developed using database server (MySQL(mariaDB) & PHPAdmin); for scripting: server side languages such as PHP and Perl-CGI, while browser side language such as Java scrip, Ajax and web pages will be developed in HTML and CSS	10,00,000
EGI-NGS-BI144	Database development for RNASeq (upto 10 samples)	per database	Structural and semistructural Database for RNASeq service, graphical user interface (GUI) to interact with database, browse, update, add and delete the records in database, external tool integration such as blast and IGV for analysis and visualization, link database to the external public repository, Database architecture will be developed using database server (MySQL(mariaDB) & PHPAdmin); for scripting: server side languages such as PHP and Perl-CGI, while browser side language such as Java scrip, Ajax and web pages will be developed in HTML and CSS	12,00,000
EGI-NGS-BI145	Database development for Small RNA (upto 10 samples)	per database	Structural and semistructural Database for Small RNA service, graphical user interface (GUI) to interact with database, browse, update, add and delete the records in database, external tool integration such as blast and IGV for analysis and visualization, link database to the external public repository, Database architecture will be developed using database server (MySQL(mariaDB) & PHPAdmin); for scripting: server side languages such as PHP and Perl-CGI, while browser side language such as Java scrip, Ajax and web pages will be developed in HTML and CSS	12,00,000



EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI146	Database development for Metagenome (upto 10 samples)	per database	Structural and semistructural Database for Metagenome service, graphical user interface (GUI) to interact with database, browse, update, add and delete the records in database, external tool integration such as blast and IGV for analysis and visualization, link database to the external public repository, Database architecture will be developed using database server (MySQL(mariaDB) & PHPAdmin); for scripting: server side languages such as PHP and Perl-CGI, while browser side language such as Java scrip, Ajax and web pages will be developed in HTML and CSS	15,00,000

## SNP Genotyping Using Array Paltforms

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI147	SNP Genotyping of 768 Samples Using Axiom Wheat Breeder's Genotyping Array	768 Samples	SNP Genotyping of 768 samples using Axiom® Wheat Breeder's Genotyping Array having 35K SNPs and Clustering Analysis	37,00,000
EGI-NGS-BI148	SNP Genotyping of 96 Samples Using Axiom Wheat HD Genotyping Array	96 Samples	SNP Genotyping of 96 samples using Axiom® Wheat HD Genotyping Array having 817K SNPs and Clustering Analysis	25,15,000
EGI-NGS-BI149	Custom Axiom myDesign TG SNP Chip array for upto 25000 SNPs Assay and Genotyping in 480 samples	480 Samples	Custom design SNP Chip Assay for 1500 to 25000 SNPs/ Indels, gDNA QC, Genotyping in 480 samples in 96 array palte format, SNP Clustering and Reporting	69,12,000
EGI-NGS-BI150	Custom Axiom myDesign TG SNP Chip array for 50000 SNPs Assay and Genotyping	480 Samples	Custom design SNP Chip Assay for 50000 SNPs/ Indels, gDNA QC, Genotyping in 480 samples in 96 array palte format, SNP Clustering and Reporting	84,48,000
EGI-NGS-BI151	Custom design KASPar SNP Assay for 48 SNPs and Genotyping in 96 samples on Biomark platform	96 Samples	Custom design SNP KASPar Assay f or 48 SNPs and Genotyping in 96 samples SNP Clustering and Reporting	3,53,400
EGI-NGS-BI152	Custom design KASPar SNP Assay for 48 SNPs and Genotyping in 172 samples on Biomark platform	172 Samples	Custom design SNP KASPar Assay for 48 SNPs and Genotyping in 172 samples SNP Clustering and Reporting	6,16,000
EGI-NGS-BI153	Custom design KASPar SNP Assay for 96 SNPs and Genotyping in 96 samples on Biomark platform	96 Samples	Custom design SNP KASPar Assay for 96 SNPs and Genotyping in 96 samples SNP Clustering and Reporting	6,85,200

\*Taxes extra as applicable.

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EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI154	Custom design KASPar SNP Assay for 96 SNPs and Genotyping in 172 samples on Biomark platform	172 Samples	Custom design SNP KASPar Assay for 96 SNPs and Genotyping in 172 samples SNP Clustering and Reporting	11,11,400
EGI-NGS-BI155	Custom design KASPar SNP Assay for 96 SNPs and Genotyping in 288 samples on Biomark platform	288 Samples	Custom design SNP KASPar Assay for 96 SNPs and Genotyping in 288 samples SNP Clustering and Reporting	15,42,200
EGI-NGS-BI156	Custom design KASPar SNP Assay for 172 SNPs and Genotyping in 172 samples on Biomark platform	172 Samples	Custom design SNP KASPar Assay for 172 SNPs and Genotyping in 172 samples SNP Clustering and Reporting	17,37,500
EGI-NGS-BI157	Custom design KASPar SNP Assay for 172 SNPs and Genotyping in 288 samples on Biomark platform	288 Samples	Custom design SNP KASPar Assay for 172 SNPs and Genotyping in 288 samples SNP Clustering and Reporting	25,97,500
EGI-NGS-BI158	Custom design KASPar SNP Assay for 384 SNPs and Genotyping in 384 samples on Biomark platform	384 Samples	Custom design SNP KASPar Assay for 384 SNPs and Genotyping in 384 samples SNP Clustering and Reporting	53,30,000

## DATA HDD

EGI Cat No.	Service Descriptions	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-NGS-BI159	500 GB Hard Disk Drive of Segate or Toshiba or Standard Brand for NGS Data Transfer to Customer	1No	500 GB Hard Disk Drive of Segate or Toshiba or Standard Brand for NGS Data Transfer to Customer	5,000
EGI-NGS-BI160	1TB Hard Disk Drive of Segate or Toshiba or Standard Brand for NGS Data Transfer to Customer	1No	1TB Hard Disk Drive of Segate or Toshiba or Standard Brand for NGS Data Transfer to Customer	8,000

# MICROARRAY SERVICES

DNA ANALYSIS			PRICE (₹) PER SAMPLE FOR SAMPLE NUMBERS							
EGI Cat No.	AFFYMETRIX	Samples	>10	24	48	64	96	192	576	960
EGI-NGS-BI161	Human SNP 6.0	1	58,820	56,440	54,910	54,910	54,230	54,230	52,360	49,640
EGI-NGS-BI162	CytoScanHD	1	80,750	78,370	76,670	76,670	75,990	75,990	73,950	71,060

EGI Cat No.	ILLUMINA	Samples per Array	>10	24	48	64	96	192	576	960
EGI-NGS-BI163	HumanCore	12	N.A	35,020	33,320	27,880	27,880	25,330	22,610	20,910
EGI-NGS-BI164	HumanCoreExome	12	N.A	52,700	50,830	45,560	45,560	43,010	40,290	38,420
EGI-NGS-BI165	HumanOmniExpress	12	N.A	52,700	50,830	45,560	45,560	43,010	40,290	38,420
EGI-NGS-BI166	HumanOmniExpressExom	12	N.A	57,800	56,270	50,490	50,490	47,940	45,560	43,860
EGI-NGS-BI167	HumanOmni2.5	8	N.A	64,600	63,070	57,290	57,290	54,740	52,190	50,660
EGI-NGS-BI168	HumanOmni5	4	N.A	90,440	88,740	83,470	83,470	80,750	79,050	77,180

RNA ANALYSIS			PRICE (₹) PER SAMPLE FOR SAMPLE NUMBERS							
EGI Cat No.	AFFYMETRIX*	Samples	>10	24	48	64	96	192	576	960
EGI-NGS-BI169	Human HG U133 2.0	1	105,230	105,230	101,150	97,070	94,180	94,180	89,930	89,930
EGI-NGS-BI170	Mouse MG 430 2.0	1	105,230	105,230	101,150	97,070	94,180	94,180	89,930	89,930
EGI-NGS-BI171	Rat RG 230 2.0	1	105,230	105,230	101,150	97,070	94,180	94,180	89,930	89,930
EGI-NGS-BI172	HumanGene 2.0 ST	1	92,140	92,140	88,060	83,980	80,750	80,750	76,500	76,500
EGI-NGS-BI173	MouseGene 2.0 ST	1	92,140	92,140	88,060	83,980	80,750	80,750	76,500	76,500
EGI-NGS-BI174	RatGene 2.0 ST	1	92,140	92,140	88,060	83,980	80,750	80,750	76,500	76,500
EGI-NGS-BI175	Human Transcriptome Array	1	115,430	115,430	111,350	107,100	104,550	104,550	100,300	100,300
EGI-NGS-BI176	miRNA 3.0 array	1	49,980	49,980	48,450	48,450	48,790	48,790	48,790	48,790
EGI-NGS-BI177	HumanGene 2.1 ST**	16+24+96	63,240	60,180	60,180	57,460	56,950	56,950	56,100	56,100
EGI-NGS-BI178	MouseGene 2.1 ST**	16+24+96	63,240	60,180	60,180	57,460	56,950	56,950	56,100	56,100
EGI-NGS-BI179	RatGene 2.1 ST**	16+24+96	63,240	60,180	60,180	57,460	56,950	56,950	56,100	56,100
EGI-NGS-BI180	Human U219		60,350	59,840	58,650	55,420	53,720	53,720	52,870	52,870

EGI Cat No.	ILLUMINA	Samples per Array	>10	24	48	64	96	192	576	960
EGI-NGS-BI181	Human HT-12	12	48,960	39,440	36,040	36,040	32,470	30,770	29,070	29,070
EGI-NGS-BI182	Mouse WG-6	6	58,310	48,790	45,390	45,390	41,820	40,120	38,420	38,420
EGI-NGS-BI183	Mouse Ref-8	8	51,680	42,160	38,760	38,760	35,190	33,490	31,790	31,790

EGI Cat No.	AGILENT	Per Samples	PRICE (₹)
EGI-NGS-BI184	Custom 8x60k	8	45,000
EGI-NGS-BI185	Custom 8x15k	8	35,000
EGI-NGS-BI186	Custom 2x400k	2	70,000
EGI-NGS-BI187	Custom 1x1M	1	90,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## MICROARRAY SERVICES

EGI Cat No.	Services	Price (₹ )
EGI-NGS-BI188	Sample QC, Labeling, Hybridization, and Scan	30,000/sample
EGI-NGS-BI189	Hybridization and Scan only	12,000/slide
EGI-NGS-BI190	Scan only	6,000/slide
EGI-NGS-BI191	Custom SNP Genotyping (per 96-well plate)	36,4000

## Human cell line Authentication services

EGI Cat No.	Services	Price (₹ )
EGI-NGS-BI192	Cell Line-Basic Service 1-2 sample	12,920/sample
EGI-NGS-BI193	Cell Line-Basic Service 3-10 sample	11,560/sample
EGI-NGS-BI194	Cell Line-Basic Service >=11 sample	9,520/sample
EGI-NGS-BI195	DNA extraction from cell pellets	680/sample
EGI-NGS-BI196	DNA profile comparison with database	4,760/sample



weak hydrogen bonds

# DNA Sequencing

Fast and reliable single read sequencing services.

## Our Lab Facilities



## Sanger Sequencing

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-001	DNA Isolation of Plant, animal, microbes, soil, FFP & blood	5ml EDTA blood 500mg of tissue, pure culture on slants/ plate/	gDNA isolation and agarose gel QC report	per sample	2-5µg of high mol wt gDNA in TE buffer/ nuclease free water	1,000
EGI-DS-002	gDNA to amplicon upto 2kb	gDNA Vol. 20µl @ 50-ng/µl	PCR product generation upto 2 kb from gDNA/ mtDNA	per amplicon	Amplicon sizing report	500
EGI-DS-003	Tissue to amplicon upto 2kb	500-1000 mg tissue in Ethanol	gDNA isolation, amplification and agarose gel QC report	per amplicon	Amplicon sizing report	1,500
EGI-DS-004	Culture to amplicon upto 2kb	Stab/ Glycerol stock	Culture enrichment, gDNA isolation, PCR product generation upto 2 kb	per amplicon	Amplicon sizing report	1,500
EGI-DS-005	Single Pass amplicon Seq	50µl of amplicon DNA @ 50ng/µl	Single pass sequencing of amplicon with BigDye® Terminator v3.1 chemistry	per amplicon	800 base sequence in FASTA, .abi and .pdf data	500
EGI-DS-006	Single Pass Plasmid Seq	50µl of plasmid DNA @ 200ng/µl	Single pass sequencing of plasmid with BigDye® Terminator v3.1 Chemistry	per plasmid	800 base sequence in FASTA, .abi and .pdf data	500
EGI-DS-007	Bi-directional amplicon Seq	50µl of amplicon DNA @ 50ng/µl	Bi-directional single pass sequencing of amplicon with BigDye® Terminator v3.1 Chemistry	per amplicon	800 base forward & 800 base reverse sequence in FASTA, .abi and .pdf data	1,000
EGI-DS-008	Bi-directional Plasmid Seq	50µl of plasmid DNA @ 200ng/µl	Bi-directional sanger plasmid of plasmid with BigDye® Terminator v3.1 chemistry	per plasmid	800 base forward & 800 base reverse sequence in FASTA, .abi and .pdf data	1,000
EGI-DS-009	Purification + Single Pass amplicon Seq	30µl of unpurified amplicon @ 50ng/µl	QIAquick® column based purification of amplicon and single pass sequencing of amplicon with BigDye® Terminator v3.1 chemistry	per amplicon	800 base sequence in FASTA, .abi and .pdf data	8,00
EGI-DS-010	Purification+ Bi-directional amplicon Seq	30µl of unpurified amplicon @ 50ng/µl	QIAquick® column based purification of amplicon and bi- directional sequencing of amplicon with BigDye® Terminator v3.1 chemistry	per amplicon	800 base forward & 800 base reverse sequence in FASTA, .abi and .pdf data	1,300

## Sanger Sequencing

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-011	Culture to amplicon bi directional seq	Pure Culture on slants/plate/ broth, tissue	gDNA isolation, QC, PCR product generation upto 1.5 kb, QIAquick® gel/ column based purification of amplicon and bi-directional sequencing of amplicon with BigDye® Terminator v3.1 chemistry	per amplicon	800 base forward & 800 base reverse, & gap fill to generate 1.5 kb consensus sequence in FASTA, .abi and .pdf data	3,000
EGI-DS-012	Primer & Single Pass PCR Seq	30µl of purified amplicon @ 50ng/µl	One pair Primer synthesis, single pass sequencing of amplicon with BigDye® Terminator v3.1 Chemistry	per amplicon	800 base forward or 800 base reverse sequence in FASTA, .abi and .pdf data	1,600
EGI-DS-013	Primer & Purification & Single Pass PCR Seq	30µl of unpurified amplicon @ 50ng/µl	One pair primer synthesis, QIAquick® gel/ column based purification of amplicon and single pass sequencing of amplicon with BigDye® Terminator v3.1 Chemistry	per amplicon	800 base forward or 800 base reverse sequence in FASTA, .abi and .pdf data	1,900
EGI-DS-014	Primer & Purification & bi-directional PCR Seq	30µl of unpurified amplicon @ 50ng/µl	One pair primer synthesis, QIAquick® gel/ column based purification of amplicon and bi-directional sequencing of amplicon with BigDye® Terminator v3.1 Chemistry	per amplicon	800 base forward & 800 base reverse sequence in FASTA, .abi and .pdf data	2,350
EGI-DS-015	Purification & Single Pass PCR Seq	30µl of unpurified amplicon @ 50ng/µl	QIAquick® gel/ column based purification of amplicon and single pass sequencing of amplicon with BigDye® Terminator v3.1 Chemistry	per amplicon	800 base forward or 800 base reverse sequence in FASTA, .abi and .pdf data	1,200
EGI-DS-016	Blood/ tissue/ culture to PCR Seq for 1 amplicon- 2 kb	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 3 reactions and single pass sequencing of 1 amplicon with BigDye® Terminator v3.1 Chemistry	1 amplicon	Sequencing data, consensus sequence preparation for 1 amplicon	3,200
EGI-DS-017	Blood/ tissue/ culture to PCR Seq for 3 amplicons- 2 kb each	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 9 reactions and single pass sequencing of 3 amplicons with BigDye® Terminator v3.1 Chemistry	3 amplicon	Sequencing data, consensus sequence preparation for 3 amplicon	9,200
EGI-DS-018	Blood/ tissue/ culture to PCR Seq for 4 amplicons- 2 kb each	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 12 reactions and single pass sequencing of 4 amplicons with BigDye Terminator v3.1 Chemistry	4 amplicon	Sequencing data, consensus sequence preparation for 4 amplicon	11,000

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## Sanger Sequencing

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-019	Blood/ tissue/ culture to PCR Seq for 5 amplicons- 2 kb each	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 15 reactions and single pass sequencing of 5 amplicons with BigDye® Terminator v3.1 Chemistry	5 amplicon	Sequencing data, consensus sequence preparation for 5 amplicons	12,500
EGI-DS-020	Blood/ tissue/ culture to PCR Seq for 6 amplicon- 2 kb each	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 18 reactions and single pass sequencing of 6 amplicons with BigDye® Terminator v3.1 Chemistry	6 amplicon	Sequencing data, consensus sequence preparation for 6 amplicons	14,000
EGI-DS-021	Plasmid insert single -directional seq upto 3 kb	Pure culture on slant/ plate/ broth	Culture propagation, plasmid DNA isolation, insert DNA amplification upto 3 kb, single- directional sanger sequencing of plasmid with BigDye® Terminator v3.1 Chemistry	per sample	Insert consensus sequence, FASTA, .abi and .pdf data	3,500

## Primer walking

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-022	single directional upto 5 kb from plasmid	200µl Vol. and 200ng/µl of plasmid sample and primer sequence of forward primer	single-directional sequencing of amplicon with BigDye® Terminator v3.1 cycle sequencing chemistry	per base	5000 bp consensus sequence in FASTA, .abi and .pdf data	5/ base
EGI-DS-023	single directional upto 5 kb from culture /plant/ / animals / blood	Pure sample and primer sequence of forward primer sequencing information	gDNA isolation, QC, primer designing and synthesis, PCR product generation upto 5 kb from QIAquick® gel/ column based purification of amplicon and single- directional sequencing of amplicon with BigDye® Terminator v3.1 cycle sequencing chemistry	per base	800 base forward & 800 base reverse, & gap fill to generate upto 5 kb consensus sequence in FASTA, .abi and .pdf data	8/ base
EGI-DS-024	bi-directional upto 5 kb from culture /plant/ / animals / blood	Pure sample and primer sequence of forward primer sequencing information	gDNA isolation, QC, primer designing and synthesis, PCR product generation upto 5 kb from QIAquick® gel/ column based purification of amplicon and bi directional sequencing of amplicon with BigDye® Terminator v3.1 cycle sequencing chemistry	per base	800 base forward & 800 base reverse, & gap fill to generate upto 5 kb consensus sequence in FASTA, .abi and .pdf data	17/ base

## Ready to Run Sequencing tube/ plate

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-025	Ready to run tube	Purified cycle seq product in tube	Hi-Di formamide addition (optional), and data capturing on ABI 3730xl	per tube	upto 800 base sequence in FASTA, .abi and .pdf data	220
EGI-DS-026	Ready to run 96 well plate	Purified cycle seq product in plate	Hi-Di formamide addition (optional), and data capturing on ABI 3730xl	per 96 well plate	upto 800 base sequence in FASTA, .abi and .pdf data	19,200
EGI-DS-027	Ready to run 384 well plate	Purified cycle seq product in plate	Hi-Di formamide addition (optional), and data capturing on ABI 3730xl	per 384 plate	upto 800 base sequence in FASTA, .abi and .pdf data	73,000

## Gel based Microsatellite Genotyping

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-028	Microsatellite Genotyping (1 marker & 24 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 1 pair Microsat primer synthesis (optional), 24 amplicon generation , agarose gel profiling of amplicons.	24 amplicons	Compiled report	26,640
EGI-DS-029	Microsatellite Genotyping (1 marker & 48 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 1 pair Microsat primer synthesis (optional), 48 amplicon generation , agarose gel profiling of amplicons.	48 amplicons	Compiled report	53,280
EGI-DS-030	Microsatellite Genotyping (1 marker & 96 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 1 pair Microsat primer synthesis (optional), 96 amplicon generation , agarose gel profiling of amplicons.	96 amplicons	Compiled report	1,06,560
EGI-DS-031	Microsatellite Genotyping (2 markers & 24 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 2 pair Microsat primer synthesis (optional), 48 amplicon generation , agarose gel profiling of amplicons.	48 amplicons	Compiled report	29,280
EGI-DS-032	Microsatellite Genotyping (2 markers & 48 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 2 pair Microsat primer synthesis (optional), 96 amplicon generation , agarose gel profiling of amplicons.	96 amplicons	Compiled report	58,560
EGI-DS-033	Microsatellite Genotyping (2 markers & 96 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 2 pair Microsat primer synthesis (optional), 192 amplicon generation , agarose gel profiling of amplicons.	192 amplicons	Compiled report	1,17,120

## Gel based Microsatellite Genotyping

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-034	Microsatellite Genotyping (4 markers & 24 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 4 pair Microsat primer synthesis (optional), 96 amplicon generation , agarose gel profiling of amplicons.	96 amplicons	Compiled report	34,560
EGI-DS-035	Microsatellite Genotyping (4 markers & 48 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 4 pair Microsat primer synthesis (optional), 192 amplicon generation , agarose gel profiling of amplicons.	192 amplicons	Compiled report	69,120
EGI-DS-036	Microsatellite Genotyping (4 markers & 96 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 4 pair Microsat primer synthesis (optional), 384 amplicon generation , agarose gel profiling of amplicons.	384 amplicons	Compiled report	1,38,240
EGI-DS-037	Microsatellite Genotyping (8 markers & 24 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 8 pair Microsat primer synthesis (optional), 192 amplicon generation , agarose gel profiling of amplicons.	192 amplicons	Compiled report	45,120
EGI-DS-038	Microsatellite Genotyping (8 markers & 48samples)	Tissue 500mg, blood 5ml	gDNA isolation, 8 pair Microsat primer synthesis (optional), 384 amplicon generation , agarose gel profiling of amplicons.	384 amplicons	Compiled report	90,240
EGI-DS-039	Microsatellite Genotyping (8 markers & 96 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 8 pair Microsat primer synthesis (optional), 768 amplicon generation , agarose gel profiling of amplicons.	768 amplicons	Compiled report	1,80,480
EGI-DS-040	Microsatellite Genotyping (12 markers & 24 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 12 pair Microsat primer synthesis (optional), 288 amplicon generation , agarose gel profiling of amplicons.	288 amplicons	Compiled report	55,680
EGI-DS-041	Microsatellite Genotyping (12 markers & 48 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 12 pair Microsat primer synthesis (optional), 576 amplicon generation , agarose gel profiling of amplicons.	576 amplicons	Compiled report	1,11,360
EGI-DS-042	Microsatellite Genotyping (12 markers & 96 samples)	Tissue 500mg, blood 5ml	gDNA isolation, 12 pair Microsat primer synthesis (optional), 1152 amplicon generation , agarose gel profiling of amplicons.	1152 amplicons	Compiled report	2,22,720

## Ready to Run

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-043	ABI 3730xl FA/MSG Ready to Run Plates 12 samples	Post processed plate/ vials after sequencing PCR amplification	Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	12 samples	.fsa file data & GeneMapper output file	10,000
EGI-DS-044	ABI 3730xl FA/MSG Ready to Run Plates 24 samples	Post processed plate/ vials after sequencing PCR amplification	Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	24 samples	.fsa file data & GeneMapper output file	12,000
EGI-DS-045	ABI 3730xl FA/MSG Ready to Run Plates 48 samples	Post processed plate/ vials after sequencing PCR amplification	Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	48 samples	.fsa file data & GeneMapper output file	16,000
EGI-DS-046	ABI 3730xl FA/MSG Ready to Run Plates 96 samples	Post processed plate/ vials after sequencing PCR amplification	Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	.fsa file data & GeneMapper output file	20,000

## Uniplex genotyping

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-047	ABI 3730xl FA/MS Uniplex Genotyping (1 marker 24samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	24 samples	Compiled report	45,000
EGI-DS-048	ABI 3730xl FA/MS Uniplex Genotyping (1 marker 48 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	48 samples	Compiled report	78,000
EGI-DS-049	ABI 3730xl FA/MS Uniplex Genotyping (1 marker 72 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	72 samples	Compiled report	1,17,000
EGI-DS-050	ABI 3730xl FA/MS Uniplex Genotyping (1 marker 96 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	Compiled report	1,56,000
EGI-DS-051	ABI 3730xl FA/MS Uniplex Genotyping (2 markers 12 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	12 samples	Compiled report	45,000

## Fragment Analysis/ Microsatellite Genotyping- ABI 3730 XL

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-052	ABI 3730xl FA/MS Uniplex Genotyping (2 markers 24 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	24 samples	Compiled report	66,400
EGI-DS-053	ABI 3730xl FA/MS Uniplex Genotyping (2 markers 48 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	48 samples	Compiled report	1,32,000
EGI-DS-054	ABI 3730xl FA/MS Uniplex Genotyping (2 markers 72 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	72 samples	Compiled report	1,66,000
EGI-DS-055	ABI 3730xl FA/MS Uniplex Genotyping (2 markers 96 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	Compiled report	2,40,000
EGI-DS-056	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 8 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	8 samples	Compiled report	46,000
EGI-DS-057	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 12 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	12 samples	Compiled report	69,000
EGI-DS-058	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 24 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	24 samples	Compiled report	1,38,000
EGI-DS-059	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 48 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	48 samples	Compiled report	2,76,000
EGI-DS-060	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 72 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	72 samples	Compiled report	4,14,000
EGI-DS-061	ABI 3730xl FA/MS Uniplex Genotyping (3 markers 96 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	Compiled report	5,52,000

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## Fragment Analysis/ Microsatellite Genotyping- ABI 3730 XL

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-062	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 6 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	6 samples	Compiled report	41,000
EGI-DS-063	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 12 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	12 samples	Compiled report	82,000
EGI-DS-064	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 24 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	24 samples	Compiled report	1,64,000
EGI-DS-065	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 48 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	48 samples	Compiled report	3,28,000
EGI-DS-066	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 72 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	72 samples	Compiled report	4,92,000
EGI-DS-067	ABI 3730xl FA/MS Uniplex Genotyping (4 markers 96 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	Compiled report	6,56,000

## Multiplex genotyping

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-068	ABI 3730xl FA/MS Multiplex Genotyping (2 markers 72 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	Two pair primer synthesis(2 labeled 2 unlabeled),PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	72 samples	Compiled report	1,65,000
EGI-DS-069	ABI 3730xl FA/MS Multiplex Genotyping (2 markers 96 samples)	gDNA, Vol. 20µl, @ 100 ng/µl	Two pair primer synthesis(2 labeled 2 unlabeled), PCR amplification, Addition of Hi-Di formamide, Denaturation, capillary electrophoresis on ABI 3730xl, analysis on GeneMapper	96 samples	Compiled report	2,10,000

## SNPs Detection- SNaP shot based

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-070	SNaP shot kit based method 10 SNP in 12 samples	20-50 ng/μl sample and SNP details	SNaP Shot assay, Capillary electrophoresis on ABI 3730xl, Analysis using Gene Mapper software	32 sample	Compiled report containing SNP list with minor allelic frequency	27,200
EGI-DS-071	SNaP shot kit based method 10 SNP in 24 samples	20-50 ng/μl sample and SNP details	SNaP Shot assay, Capillary electrophoresis on ABI 3730xl, Analysis using Gene Mapper software	48 sample	Compiled report containing SNP list with minor allelic frequency	40,800

## SNPs Detection- Sanger based

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-072	One SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb sequencing with BigDye® Terminator v3.1 cycle sequencing chemistry	1 sample	Sequencing data, consensus sequence preparation, mapping to reference, 1 SNP scoring	4,200
EGI-DS-073	Two SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb sequencing of 2 amplicons with BigDye® Terminator v3.1 cycle sequencing chemistry	2 samples	Sequencing data, consensus sequence preparation, mapping to reference, 2 SNP scoring	8,700
EGI-DS-074	Three SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 9 reactions and single pass sequencing of 3 amplicons with BigDye® Terminator v3.1 cycle sequencing chemistry	3 samples	Sequencing data, consensus sequence preparation, mapping to reference, 3 SNP scoring	10,000
EGI-DS-075	Four SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 12 reactions and single pass sequencing of 4 amplicons with BigDye® Terminator v3.1 cycle sequencing chemistry	4 samples	SSequencing data, consensus sequence preparation, mapping to reference, 4 SNP scoring	12,000
EGI-DS-076	Five SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 15 reactions and single pass sequencing of 5 amplicons with BigDye® Terminator v3.1 cycle sequencing chemistry	5 samples	Sequencing data, consensus sequence preparation, mapping to reference, 5 SNP scoring	14,000
EGI-DS-077	Six SNP form Blood/ tissue/ culture	whole blood 2-3ml in EDTA vial/ 100-500mg tissue/ slant	gDNA isolation, PCR product generation upto 2 kb with 18 reactions and single pass sequencing of 6 amplicons with BigDye® Terminator v3.1 cycle sequencing chemistry	6 samples	Sequencing data, consensus sequence preparation, mapping to reference, 6 SNP scoring	16,000

## Gene expression qRT-PCR

### SYBR™ Green

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-078	SYBR™ Green qRT-PCR (2 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 4 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis	24 data point	Gene expression compiled report, 24 data point	52,800
EGI-DS-079	SYBR™ Green qRT-PCR (2 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 4 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis	48 data point	Gene expression compiled report, 48 data point	1,05,600
EGI-DS-080	SYBR™ Green qRT-PCR (3 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 6 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis	36 data point	Gene expression compiled report, 48 data point	79,200
EGI-DS-081	SYBR™ Green qRT-PCR (3 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 6 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis	72 data point	Gene expression compiled report, 72 data point	1,58,400
EGI-DS-082	SYBR™ Green qRT-PCR (4 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 8 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis	48 data point	Gene expression compiled report, 48 data point	1,05,600
EGI-DS-083	SYBR™ Green qRT-PCR (4 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 8 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis	96 data point	Gene expression compiled report, 96 data point	2,11,200
EGI-DS-084	SYBR™ Green qRT-PCR (4 genes, 10 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 8 primer synthesis, 10 RNA isolation, 10 RNA gel QC, 10 cDNA prep, primer efficiency calculation, gene expression analysis	120 data point	Gene expression compiled report, 120 data point	2,64,000
EGI-DS-085	SYBR™ Green qRT-PCR (5 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 10 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis	60 data point	Gene expression compiled report, 60 data point	1,32,000
EGI-DS-086	SYBR™ Green qRT-PCR (5 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 10 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis	120 data point	Gene expression compiled report, 120 data point	2,64,000



## Gene expression qRT-PCR

### TaqMan™ Chemistry

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-087	TaqMan™ qRT-PCR (2 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 4 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis for 1 gene	24 data point	Gene expression compiled report, 24 data point	63,200
EGI-DS-088	TaqMan™ qRT-PCR (2 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 4 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis for 1 gene	48 data point	Gene expression compiled report, 48 data point	1,06,400
EGI-DS-089	TaqMan™ qRT-PCR (3 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 6 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis for 2 gene	36 data point	Gene expression compiled report, 36 data point	94,800
EGI-DS-090	TaqMan™ qRT-PCR (3 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 6 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis for 2 gene	72 data point	Gene expression compiled report, 72 data point	1,60,000
EGI-DS-091	TaqMan™ qRT-PCR (4 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 8 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis for 3 gene	48 data point	Gene expression compiled report, 48 data point	1,31,200
EGI-DS-092	TaqMan™ qRT-PCR (4 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 8 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis for 3 gene	96 data point	Gene expression compiled report, 96 data point	2,22,400
EGI-DS-093	TaqMan™ qRT-PCR (5 genes, 4 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 10 primer synthesis, 4 RNA isolation, 4 RNA gel QC, 4 cDNA prep, primer efficiency calculation, gene expression analysis for 4 gene	60 data point	Gene expression compiled report, 60 data point	1,64,000
EGI-DS-094	TaqMan™ qRT-PCR (5 genes, 8 samples)	Pure Culture on slants/plate/ broth, tissue	Primer Design (optional), 10 primer synthesis, 8 RNA isolation, 8 RNA gel QC, 8 cDNA prep, primer efficiency calculation, gene expression analysis for 4 gene	120 data point	Gene expression compiled report, 120 data point	2,78,000

### GMO Testing

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-095	GMO by 35S	Pure Culture on slants/plate/	GMO testing by using 35S sequence on RT PCR	per sample	compiled report	10,000
EGI-DS-096	GMO by CRY	Pure Culture on slants/plate/	GMO testing by using CRY sequence on RT PCR	per sample	compiled report	10,000
EGI-DS-097	GMO by CMV	Pure Culture on slants/plate/	GMO testing by using CMV sequence on RT PCR	per sample	compiled report	10,000

\*Taxes extra as applicable.

\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## GMO Testing

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-098	GMO by NOS	Pure Culture on slants/plate/broth, tissue	GMO testing by using NOS sequence on RT PCR	per sample	compiled report	10,000

## CRISPR

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-099	designing of complete chimeric sgRNA	gene sequence information	design and synthesis of chimeric sgRNA with codon optimization (if required)	per gene	chimeric sgRNA	enquire
EGI-DS-100	designing of complete chimeric sgRNA and synthesis, with vector	gene sequence information	design and synthesis of chimeric sgRNA with codon optimization (if required), with vector system	per gene	complete vector system with sgRNA	enquire

## MLST

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-101	Multi Locus Sequence Typing (5-7 locus)	30ul gDNA @20-40ng/ul	gDNA isolation, amplification, Purification, Sequencing and eBurst/Other database analysis	per sample	Compiled report	25,000

## Cloning - Seq

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-102	Cloning of PCR product up to 2Kb & sequencing	50ng/ul column purified PCR product @ 30ul	Cloning, screening of 10 clone & sequencing for 10 clone up to 2kb	per amplicon	Cloning and sequencing 10 clone data in FASTA format	enquire
EGI-DS-103	Cloning of PCR product up to 3Kb & sequencing	50ng/ul column purified PCR product @ 30ul	Cloning, screening of 10 clone & sequencing for 10 clone up to 3kb	per amplicon	Cloning and sequencing 10 clone data in FASTA format	enquire

# DNA Barcoding

System for species identification.



# Our Lab Facilities



## DNA Barcoding

## MID-SEQ

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-104	Bacteria -MID-SEQ with 16S	Pure Culture on slants/ plate/ broth	Culture propagation, bacterial DNA isolation, PCR product generation with 16S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence 1.5 kb, FASTA, .abi file data	4,000
EGI-DS-105	Fungi-MID-SEQ with ITS	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence 1.5 kb, FASTA, .abi file data	4,500
EGI-DS-106	Fungi-MID-SEQ with 28S	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	4,500
EGI-DS-107	Fungi-MID-SEQ with 18S	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 18S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	4,500
EGI-DS-108	Mushroom-MID-SEQ-with ITS	Pure Culture on slants/ plate/ broth	Mushroom DNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	5,000
EGI-DS-109	algae-MID-SEQ with 28S	Pure Culture on slants/ plate/ broth	Algae DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	5,000
EGI-DS-110	yeast-MID-SEQ with 28S	Pure Culture on slants/ plate/ broth	Yeast DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	5,500
EGI-DS-111	Insect -MID-SEQ with ITS	Single Species	gDNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	5,500
EGI-DS-112	Insect -MID-SEQ with COX	Single Species	gDNA isolation, PCR product generation with COX primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry	per sample	Consensus sequence, FASTA, .abi file data	5,500

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

## MID-REP

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-113	bacteria -MID-REP with 16S	Pure Culture on slants/ plate/ broth	Culture propagation, bacterial DNA isolation, PCR product generation with 16S primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	6,000
EGI-DS-114	Fungi-MID-REP with ITS	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	7,000
EGI-DS-115	Fungi-MID-REP with 28S	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	7,000
EGI-DS-116	Fungi-MID-REP with 18S	Pure Culture on slants/ plate/ broth	Culture propagation, fungal DNA isolation, PCR product generation with 18S primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	7,000
EGI-DS-117	Mushroom-MID-REP with ITS	Pure Culture on slants/ plate/ broth	Mushroom DNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000
EGI-DS-118	Mushroom-MID-REP with 18S	Pure Culture on slants/ plate/ broth	Mushroom DNA isolation, PCR product generation with 18S primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000
EGI-DS-119	Mushroom-MID-REP with 28S	Pure Culture on slants/ plate/ broth	Mushroom DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000

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## DNA Barcoding

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-120	Algae-MID-REP with 28S	Pure Culture on slants/ plate/ broth	Algae DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000
EGI-DS-121	Yeast-MID-REP with 28S	Pure Culture on slants/ plate/ broth	Yeast DNA isolation, PCR product generation with 28S primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000
EGI-DS-122	Insect -MID-REP with ITS	Single Species	gDNA isolation, PCR product generation with ITS primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000
EGI-DS-123	Insect-MID-REP with COX	Single Species	gDNA isolation, PCR product generation with COX primer, bi-directional sanger sequencing with BigDye® Terminator v3.1 cycle sequence chemistry, analysis and phylogram generation	per sample	Compiled report	8,000

## RAPD

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-124	Plant RAPD barcoding (10 markers 12 samples)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers(optional)	gDNA isolation, 10 RAPD primer synthesis (optional), PCR amplification by RAPD primers and gel profiling of 120 RAPD amplicons	120 amplicon	Compiled report	24,600
EGI-DS-125	Plant RAPD barcoding (10 markers 24 samples)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers(optional)	gDNA isolation, 10 RAPD primer synthesis (optional), PCR amplification by RAPD primers and gel profiling of 240 RAPD amplicons	240 amplicon	Compiled report	49,200

## DNA Barcoding

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-126	Plant RAPD barcoding (10 markers 48 samples)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers (optional)	gDNA isolation, 10 RAPD primer synthesis(optional), PCR amplification by RAPD primers and gel profiling of 480 RAPD amplicons	480 amplicon	Compiled report	98,400
EGI-DS-127	Plant RAPD barcoding (10 markers 72 samples)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers	gDNA isolation, 10 RAPD primer synthesis (optional), PCR amplification by RAPD primers and gel profiling of 720 RAPD amplicons	720 amplicon	Compiled report	1,47,600
EGI-DS-128	Plant RAPD barcoding (10 markers 96 samples)	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, RAPD primers (optional)	gDNA isolation, 10 RAPD primer synthesis(optional), PCR amplification by RAPD primers and gel profiling of 960 RAPD amplicons	960 amplicon	Compiled report	1,96,800

## DNA Barcoding of Plant Species

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-129	DNA Barcoding of plant species using sanger sequencing	500mg to 1g Pure Tissue / pure spices powder	Proprietary methods to isolate gDNA isolation, QC on agarose gel & nano drop. Universal DNA barcode region will be amplified through intend pipeline. Amplified products will be used for ABI 3730XL Sequencing platform	Per Sample	Compiled report of plant species present in sample using multiple database	8,000

## DNA MetaBarcoding Plant Species

EGI Cat No.	Services	Sample Requirements	Description	Unit	Deliverables	Catalogue Unit Price (₹)
EGI-DS-130	DNA MetaBarcoding	500mg to 1g Tissue / gDNA, Vol. 50µl, conc. 30ng/µl, @ 50µl	Proprietary methods to isolate gDNA isolation, QC on agarose gel & nano drop. Universal DNA barcode region will be amplified through intend pipeline. Amplified products will be used for illumina library preparation & sequencing using Next Generation Sequencing platform	Per Sample	Compiled report of plant species present in sample using multiple database	25,000





# High Quality Custom Oligo

High - quality custom oligos to explore genomic data.



# Eurofins MGB Probes

Shorter Optimized Probes for Superior Sensitivity & Specificity

Eurofins Genomics is licensed to manufacture & sell MGB probes from Elitech group.

The gold standard qPCR is a well-known technology for **in-vitro diagnostic applications** to manage disease & health of patients.

Eurofins Genomics MGB Probes incorporates a 5' fluorescent dye and the 3' Eclipse® quencher (EQ) attached to the minor groove binder (MGB) molecule. MGB probe allows efficient & stable hybridization which increases the melting temperature ( $T_m$ ) for better allelic identification, also suited for AT-rich regions.

## Applications:

Real-time PCR/qPCR

SNP Genotyping

Accurate allelic discrimination

Select your required dye-quencher combination



## Specifications:

- » Scale: 0.01, 0.025, 0.2, 1.0, 10, 15µmole
- » Purification: HPSF, HPLC and PAGE
- » Synthesis Format: Tube and plate format
- » Sequence Length: up to 120 bases
- » Modification: More than 100 modification available (fluorescent and non-fluorescent)
- » Quality control: Batch of Oligo checked on MALDI Spectrometry

## Deliverable Specifications:

- » Supplied lyophilised tube and plate
- » Oligo synthesis report and data sheet

## Technical Note:

- » HPSF® purification is a proprietary technology which utilizes a novel reverse phase cartridge based chromatography. HPSF® is a registered trademark of MWG Biotech AG. This technology has been developed at Eurofins MWG Operon's research and development centre. HPSF® enables the delivery of oligonucleotides with lowest level of carryover of trace contaminants ideal for a wide variety of enzymatic and probe based procedures. HPSF® oligonucleotides can be used for various techniques such as PCR, DNA sequencing, primer extension, cDNA library generation, Northern and Southern blotting.
- » The synthesis scale indicates the initial amount of 3'-bases.
- » Calculation: 1 OD = 5 nmole = 30 ug; may vary for sequences with GC content > 70%. > 3 purine stretches or strong secondary structures.
- » Other Scales, Concentrations and delivery formats available on request.
- » For Large Scale DNA Synthesis please contact us for a quote.

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

\*For GST Exemption customers should provide DSIR Certificate and Essential Certificate.

## CUSTOM DNA SYNTHESIS

EGI Cat No.	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price/base Price (₹)	Price/HPSF Price (₹) PSF
EGI-Oligo-001	10 nmole	HPSF	50 mer	3	20	FOC
EGI-Oligo-002	25 nmole	HPSF	50 mer	5	22	FOC
EGI-Oligo-003	50 nmole	HPSF	90 mer	7	30	FOC
EGI-Oligo-004	100 nmole	HPSF	90 mer	8	35	FOC
EGI-Oligo-005	0.2 µmole	HPSF	125 mer	10	45	FOC
EGI-Oligo-006	1.0 µmole	HPSF	125 mer	35	120	FOC

EGI Cat No.	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price/base (₹)	Price/HPLC (₹)
EGI-Oligo-007	10 nmole	HPLC	50 mer	1	20	1,000
EGI-Oligo-008	25 nmole	HPLC	50 mer	2	22	1,200
EGI-Oligo-009	50 nmole	HPLC	90 mer	3	30	1,500
EGI-Oligo-010	100 nmole	HPLC	90 mer	3	35	1,800
EGI-Oligo-011	0.2 µmole	HPLC	125 mer	5	45	2,500
EGI-Oligo-012	1.0 µmole	HPLC	125 mer	15	120	5,300

EGI Cat No.	Synthesis	Purification	Maximum Length	Minimum	Price/base (₹)	Price/PAGE (₹)
EGI-Oligo-013	50 nmole	PAGE	90 mer	1	30	3,700
EGI-Oligo-014	100 nmole	PAGE	90 mer	2	35	4,500
EGI-Oligo-015	0.2 µmole	PAGE	125 mer	4	45	5,800

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## CUSTOM OLIGO MODIFICATIONS

### Mods

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-016	5' Acrydite	50 nmole	HPLC	80	2	14,500
EGI-Oligo-017	5' Acrydite	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-018	5' Acrydite	1.0 µmole	HPLC	80	6	33,600

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-019	5' Amino Modifier C12	50 nmole	HPLC	80	2	11,500
EGI-Oligo-020	5' Amino Modifier C12	0.2 µmole	HPLC	80	3	19,500
EGI-Oligo-021	5' Amino Modifier C12	1.0 µmole	HPLC	80	6	29,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-022	5' Amino Modifier C6	50 nmole	HPLC	80	2	9,000
EGI-Oligo-023	5' Amino Modifier C6	0.2 µmole	HPLC	80	3	17,000
EGI-Oligo-024	5' Amino Modifier C6	1.0 µmole	HPLC	80	6	27,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-025	Amino Modifier C6 dT Internal	50 nmole	HPLC	80	2	15,000
EGI-Oligo-026	Amino Modifier C6 dT Internal	0.2 µmole	HPLC	80	3	23,000
EGI-Oligo-027	Amino Modifier C6 dT Internal	1.0 µmole	HPLC	80	6	33,600

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-028	Uni-Link AminoModifier-Internal	50 nmole	HPLC	80	2	12,000
EGI-Oligo-029	5' Uni-Link AminoModifier	50 nmole	HPLC	80	2	13,000
EGI-Oligo-030	Uni-Link AminoModifier-Internal	0.2 µmole	HPLC	80	3	20,000
EGI-Oligo-031	5' Uni-Link AminoModifier	0.2 µmole	HPLC	80	3	21,000
EGI-Oligo-032	Uni-Link AminoModifier-Internal	1.0 µmole	HPLC	80	6	30,000
EGI-Oligo-033	5' Uni-Link AminoModifier	1.0 µmole	HPLC	80	6	31,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-034	5' Phosphorylation (PHOs)	50 nmole	HPLC	80	2	7,000
EGI-Oligo-035	3' Phosphorylation (PHOs)	50 nmole	HPLC	80	2	8,000
EGI-Oligo-036	5' Phosphorylation (PHOs)	0.2 µmole	HPLC	80	3	15,000
EGI-Oligo-037	3' Phosphorylation (PHOs)	0.2 µmole	HPLC	80	3	16,000

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-038	5' Phosphorylation (PHOs)	1.0 $\mu$ mole	HPLC	80	6	25,000
EGI-Oligo-039	3' Phosphorylation (PHOs)	1.0 $\mu$ mole	HPLC	80	6	26,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-040	3' Thiol Mod C3 S-S	0.2 $\mu$ mole	HPLC	80	3	19,000
EGI-Oligo-041	3' Thiol Mod C3 S-S	1.0 $\mu$ mole	HPLC	80	6	27,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-042	Thiol Modifier C6 S-S-Internal	0.2 $\mu$ mole	HPLC	80	3	14,500
EGI-Oligo-043	5' Thiol Modifier C6 S-S	0.2 $\mu$ mole	HPLC	80	3	16,000
EGI-Oligo-044	Thiol Modifier C6 S-S-Internal	1.0 $\mu$ mole	HPLC	80	6	24,500
EGI-Oligo-045	5' Thiol Modifier C6 S-S	1.0 $\mu$ mole	HPLC	80	6	26,000
EGI-Oligo-046	Thiol Modifier C6 S-S-Internal	10 $\mu$ mole	HPLC	80	60	1,40,900
EGI-Oligo-047	5' Thiol Modifier C6 S-S	10 $\mu$ mole	HPLC	80	60	1,42,900

## Biotins

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-048	5'-Biotin	50 nmole	HPLC	80	2	10,600
EGI-Oligo-049	5'-Biotin	0.2 $\mu$ mole	HPLC	80	3	18,600
EGI-Oligo-050	5'-Biotin	1.0 $\mu$ mole	HPLC	80	6	30,300
EGI-Oligo-051	5'-Biotin	10 $\mu$ mole	HPLC	80	60	1,46,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-052	3'-Biotin	50 nmole	HPLC	80	2	15,600
EGI-Oligo-053	3'-Biotin	0.2 $\mu$ mole	HPLC	80	3	23,600
EGI-Oligo-054	3'-Biotin	1.0 $\mu$ mole	HPLC	80	6	39,100
EGI-Oligo-055	3'-Biotin	10 $\mu$ mole	HPLC	80	60	1,90,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-056	5' Biotin-ON	50 nmole	HPLC	80	2	14,000
EGI-Oligo-057	Biotin-ON- (Internal)	50 nmole	HPLC	80	2	15,200
EGI-Oligo-058	5' Biotin-ON	0.2 $\mu$ mole	HPLC	80	3	22,000
EGI-Oligo-059	Biotin-ON- (Internal)	0.2 $\mu$ mole	HPLC	80	3	25,200
EGI-Oligo-060	5' Biotin-ON	1.0 $\mu$ mole	HPLC	80	6	30,900

\*Modification (Price in rupees includes base and HPLC charges).

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-061	Biotin-ON- (Internal)	1.0 $\mu$ mole	HPLC	80	6	35,700
EGI-Oligo-062	5' Biotin-ON	10 $\mu$ mole	HPLC	80	60	1,54,700
EGI-Oligo-063	Biotin-ON- (Internal)	10 $\mu$ mole	HPLC	80	60	1,90,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-064	5' Biotin-TEG	50 nmole	HPLC	80	2	13,800
EGI-Oligo-065	3' Biotin-TEG	50 nmole	HPLC	80	2	14,900
EGI-Oligo-066	Biotin-TEG (internal)	50 nmole	HPLC	80	2	15,000
EGI-Oligo-067	5' Biotin-TEG	0.2 $\mu$ mole	HPLC	80	3	21,800
EGI-Oligo-068	3' Biotin-TEG	0.2 $\mu$ mole	HPLC	80	3	22,900
EGI-Oligo-069	Biotin-TEG (internal)	0.2 $\mu$ mole	HPLC	80	3	23,000
EGI-Oligo-070	5' Biotin-TEG	1.0 $\mu$ mole	HPLC	80	6	31,800
EGI-Oligo-071	3' Biotin-TEG	1.0 $\mu$ mole	HPLC	80	6	32,900
EGI-Oligo-072	Biotin-TEG (internal)	1.0 $\mu$ mole	HPLC	80	6	33,000
EGI-Oligo-073	Biotin-TEG (internal)	10 $\mu$ mole	HPLC	80	60	1,46,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-074	Biotin-dT (Internal)	50 nmole	HPLC	80	2	18,700
EGI-Oligo-075	5' Biotin-dT	50 nmole	HPLC	80	2	19,700
EGI-Oligo-076	Biotin-dT (Internal)	0.2 $\mu$ mole	HPLC	80	3	26,700
EGI-Oligo-077	5' Biotin-dT	0.2 $\mu$ mole	HPLC	80	3	27,700
EGI-Oligo-078	Biotin-dT (Internal)	1.0 $\mu$ mole	HPLC	80	6	36,800
EGI-Oligo-079	5' Biotin-dT	1.0 $\mu$ mole	HPLC	80	6	37,700
EGI-Oligo-080	Biotin-dT (Internal)	10 $\mu$ mole	HPLC	80	60	1,74,400
EGI-Oligo-081	5' Biotin-dT	10 $\mu$ mole	HPLC	80	60	2,10,400

## DNA Analog

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-082	deoxyinosine- (Internal)	50 nmole	HPLC	80	2	5,700
EGI-Oligo-083	5' deoxyinosine	50 nmole	HPLC	80	2	6,700
EGI-Oligo-084	deoxyinosine- (Internal)	0.2 $\mu$ mole	HPLC	80	3	13,700
EGI-Oligo-085	5' deoxyinosine	0.2 $\mu$ mole	HPLC	80	3	14,700
EGI-Oligo-086	deoxyinosine- (Internal)	1.0 $\mu$ mole	HPLC	80	6	23,700
EGI-Oligo-087	5' deoxyinosine	1.0 $\mu$ mole	HPLC	80	6	24,700

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-088	deoxyUridine- (Internal)	50 nmole	HPLC	80	2	5,700
EGI-Oligo-089	5' deoxyUridine	50 nmole	HPLC	80	2	6,700
EGI-Oligo-090	deoxyUridine- (Internal)	0.2 µmole	HPLC	80	3	13,700
EGI-Oligo-091	5' deoxyUridine	0.2 µmole	HPLC	80	3	14,700
EGI-Oligo-092	deoxyUridine- (Internal)	1.0 µmole	HPLC	80	6	23,700
EGI-Oligo-093	5' deoxyUridine	1.0 µmole	HPLC	80	6	24,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-094	3-Nitropyrrole- (Internal)	50 nmole	HPLC	80	2	15,800
EGI-Oligo-095	5'- 3-Nitropyrrole	50 nmole	HPLC	80	2	17,800
EGI-Oligo-096	3-Nitropyrrole- (Internal)	0.2 µmole	HPLC	80	3	23,800
EGI-Oligo-097	5'- 3-Nitropyrrole	0.2 µmole	HPLC	80	3	25,800
EGI-Oligo-098	3-Nitropyrrole- (Internal)	1.0 µmole	HPLC	80	6	33,800
EGI-Oligo-099	5'- 3-Nitropyrrole	1.0 µmole	HPLC	80	6	35,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-100	5' dP	50 nmole	HPLC	80	2	18,900
EGI-Oligo-101	3' dP	50 nmole	HPLC	80	2	19,500
EGI-Oligo-102	dP- (Internal)	50 nmole	HPLC	80	2	21,500
EGI-Oligo-103	5' dP	0.2 µmole	HPLC	80	3	26,900
EGI-Oligo-104	3' dP	0.2 µmole	HPLC	80	3	27,500
EGI-Oligo-105	dP- (Internal)	0.2 µmole	HPLC	80	3	29,500
EGI-Oligo-106	5' dP	1.0 µmole	HPLC	80	6	36,900
EGI-Oligo-107	3' dP	1.0 µmole	HPLC	80	6	37,500
EGI-Oligo-108	dP- (Internal)	1.0 µmole	HPLC	80	6	39,500
EGI-Oligo-109	5' dP	10 µmole	HPLC	80	60	1,38,700
EGI-Oligo-110	3' dP	10 µmole	HPLC	80	60	1,58,800
EGI-Oligo-111	dP- (Internal)	10 µmole	HPLC	80	60	1,98,900

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-112	dP + dK mixture- (Internal)	50 nmole	HPLC	80	2	18,900
EGI-Oligo-113	5' dP + dK mixture	50 nmole	HPLC	80	2	19,500
EGI-Oligo-114	dP + dK mixture- (Internal)	0.2 µmole	HPLC	80	3	26,900
EGI-Oligo-115	5' dP + dK mixture	0.2 µmole	HPLC	80	3	27,500
EGI-Oligo-116	dP + dK mixture- (Internal)	1.0 µmole	HPLC	80	6	36,900
EGI-Oligo-117	5' dP + dK mixture	1.0 µmole	HPLC	80	6	37,500

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## CUSTOM OLIGO MODIFICATIONS

### Fluorophores

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-118	5' Alexa Fluor 350	50 nmole	HPLC	80	2	59,700
EGI-Oligo-119	3' Alexa Fluor 350	50 nmole	HPLC	80	2	61,800
EGI-Oligo-120	Alexa Fluor 350 (Internal)	50 nmole	HPLC	80	2	63,900
EGI-Oligo-121	5' Alexa Fluor 350	0.2 $\mu$ mole	HPLC	80	3	67,700
EGI-Oligo-122	3' Alexa Fluor 350	0.2 $\mu$ mole	HPLC	80	3	69,800
EGI-Oligo-123	Alexa Fluor 350 (Internal)	0.2 $\mu$ mole	HPLC	80	3	71,900
EGI-Oligo-124	5' Alexa Fluor 350	1.0 $\mu$ mole	HPLC	80	6	1,24,800
EGI-Oligo-125	3' Alexa Fluor 350	1.0 $\mu$ mole	HPLC	80	6	1,25,800
EGI-Oligo-126	Alexa Fluor 350 (Internal)	1.0 $\mu$ mole	HPLC	80	6	1,29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-127	5' Alexa Fluor 488	50 nmole	HPLC	80	2	30,200
EGI-Oligo-128	3' Alexa Fluor 488	50 nmole	HPLC	80	2	32,200
EGI-Oligo-129	Alexa Fluor 488 (Internal)	50 nmole	HPLC	80	2	34,000
EGI-Oligo-130	5' Alexa Fluor 488	0.2 $\mu$ mole	HPLC	80	3	38,200
EGI-Oligo-131	3' Alexa Fluor 488	0.2 $\mu$ mole	HPLC	80	3	40,200
EGI-Oligo-132	Alexa Fluor 488 (Internal)	0.2 $\mu$ mole	HPLC	80	3	42,000
EGI-Oligo-133	5' Alexa Fluor 488	1.0 $\mu$ mole	HPLC	80	6	48,200
EGI-Oligo-134	3' Alexa Fluor 488	1.0 $\mu$ mole	HPLC	80	6	50,200
EGI-Oligo-135	Alexa Fluor 488 (Internal)	1.0 $\mu$ mole	HPLC	80	6	52,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-136	5' Alexa Fluor 532	50 nmole	HPLC	80	2	35,000
EGI-Oligo-137	3' Alexa Fluor 532	50 nmole	HPLC	80	2	37,000
EGI-Oligo-138	Alexa Fluor 532 (Internal)	50 nmole	HPLC	80	2	39,000
EGI-Oligo-139	5' Alexa Fluor 532	0.2 $\mu$ mole	HPLC	80	3	43,000
EGI-Oligo-140	3' Alexa Fluor 532	0.2 $\mu$ mole	HPLC	80	3	45,000
EGI-Oligo-141	Alexa Fluor 532 (Internal)	0.2 $\mu$ mole	HPLC	80	3	47,000
EGI-Oligo-142	5' Alexa Fluor 532	1.0 $\mu$ mole	HPLC	80	6	53,000
EGI-Oligo-143	3' Alexa Fluor 532	1.0 $\mu$ mole	HPLC	80	6	55,000
EGI-Oligo-144	Alexa Fluor 532 (Internal)	1.0 $\mu$ mole	HPLC	80	6	57,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-145	5' Alexa Fluor 546	50 nmole	HPLC	80	2	35,000
EGI-Oligo-146	3' Alexa Fluor 546	50 nmole	HPLC	80	2	37,000
EGI-Oligo-147	Alexa Fluor 546 (Internal)	50 nmole	HPLC	80	2	39,000
EGI-Oligo-148	5' Alexa Fluor 546	0.2 $\mu$ mole	HPLC	80	3	43,000
EGI-Oligo-149	3' Alexa Fluor 546	0.2 $\mu$ mole	HPLC	80	3	45,000

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-150	Alexa Fluor 546 (Internal)	0.2 µmole	HPLC	80	3	47,000
EGI-Oligo-151	5' Alexa Fluor 546	1.0 µmole	HPLC	80	6	53,000
EGI-Oligo-152	3' Alexa Fluor 546	1.0 µmole	HPLC	80	6	55,000
EGI-Oligo-153	Alexa Fluor 546 (Internal)	1.0 µmole	HPLC	80	6	57,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-154	5' Alexa Fluor 555	50 nmole	HPLC	80	2	59,700
EGI-Oligo-155	3' Alexa Fluor 555	50 nmole	HPLC	80	2	61,800
EGI-Oligo-156	Alexa Fluor 555 (Internal)	50 nmole	HPLC	80	2	63,900
EGI-Oligo-157	5' Alexa Fluor 555	0.2 µmole	HPLC	80	3	67,700
EGI-Oligo-158	3' Alexa Fluor 555	0.2 µmole	HPLC	80	3	69,800
EGI-Oligo-159	Alexa Fluor 555 (Internal)	0.2 µmole	HPLC	80	3	71,900
EGI-Oligo-160	5' Alexa Fluor 555	1.0 µmole	HPLC	80	6	1,24,800
EGI-Oligo-161	3' Alexa Fluor 555	1.0 µmole	HPLC	80	6	1,25,800
EGI-Oligo-162	Alexa Fluor 555 (Internal)	1.0 µmole	HPLC	80	6	1,29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-163	5' Alexa Fluor 568	50 nmole	HPLC	80	2	59,700
EGI-Oligo-164	3' Alexa Fluor 568	50 nmole	HPLC	80	2	61,800
EGI-Oligo-165	Alexa Fluor 568 (Internal)	50 nmole	HPLC	80	2	63,900
EGI-Oligo-166	5' Alexa Fluor 568	0.2 µmole	HPLC	80	3	67,700
EGI-Oligo-167	3' Alexa Fluor 568	0.2 µmole	HPLC	80	3	69,800
EGI-Oligo-168	Alexa Fluor 568 (Internal)	0.2 µmole	HPLC	80	3	71,900
EGI-Oligo-169	5' Alexa Fluor 568	1.0 µmole	HPLC	80	6	1,24,800
EGI-Oligo-170	3' Alexa Fluor 568	1.0 µmole	HPLC	80	6	1,25,800
EGI-Oligo-171	Alexa Fluor 568 (Internal)	1.0 µmole	HPLC	80	6	1,29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-172	5' Alexa Fluor 594	50 nmole	HPLC	80	2	36,500
EGI-Oligo-173	3' Alexa Fluor 594	50 nmole	HPLC	80	2	38,200
EGI-Oligo-174	Alexa Fluor 594 (Internal)	50 nmole	HPLC	80	2	41,500
EGI-Oligo-175	5' Alexa Fluor 594	0.2 µmole	HPLC	80	3	44,500
EGI-Oligo-176	3' Alexa Fluor 594	0.2 µmole	HPLC	80	3	46,200
EGI-Oligo-177	Alexa Fluor 594 (Internal)	0.2 µmole	HPLC	80	3	49,500
EGI-Oligo-178	5' Alexa Fluor 594	1.0 µmole	HPLC	80	6	54,500
EGI-Oligo-179	3' Alexa Fluor 594	1.0 µmole	HPLC	80	6	56,200
EGI-Oligo-180	Alexa Fluor 594 (Internal)	1.0 µmole	HPLC	80	6	59,500

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-181	5' Alexa Fluor 633	50 nmole	HPLC	80	2	59,700
EGI-Oligo-182	3' Alexa Fluor 633	50 nmole	HPLC	80	2	61,800
EGI-Oligo-183	Alexa Fluor 633 (Internal)	50 nmole	HPLC	80	2	63,900
EGI-Oligo-184	5' Alexa Fluor 633	0.2 µmole	HPLC	80	3	67,700
EGI-Oligo-185	3' Alexa Fluor 633	0.2 µmole	HPLC	80	3	69,800
EGI-Oligo-186	Alexa Fluor 633 (Internal)	0.2 µmole	HPLC	80	3	71,900
EGI-Oligo-187	5' Alexa Fluor 633	1.0 µmole	HPLC	80	6	1,24,800
EGI-Oligo-188	3' Alexa Fluor 633	1.0 µmole	HPLC	80	6	1,25,800
EGI-Oligo-189	Alexa Fluor 633 (Internal)	1.0 µmole	HPLC	80	6	1,29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-190	5' Alexa Fluor 647	50 nmole	HPLC	80	2	30,300
EGI-Oligo-191	3' Alexa Fluor 647	50 nmole	HPLC	80	2	32,000
EGI-Oligo-192	Alexa Fluor 647 (Internal)	50 nmole	HPLC	80	2	34,900
EGI-Oligo-193	5' Alexa Fluor 647	0.2 µmole	HPLC	80	3	38,300
EGI-Oligo-194	3' Alexa Fluor 647	0.2 µmole	HPLC	80	3	40,000
EGI-Oligo-195	Alexa Fluor 647 (Internal)	0.2 µmole	HPLC	80	3	42,900
EGI-Oligo-196	5' Alexa Fluor 647	1.0 µmole	HPLC	80	6	48,300
EGI-Oligo-197	3' Alexa Fluor 647	1.0 µmole	HPLC	80	6	50,000
EGI-Oligo-198	Alexa Fluor 647 (Internal)	1.0 µmole	HPLC	80	6	52,900

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-199	5' Alexa Fluor 660	50 nmole	HPLC	80	2	36,200
EGI-Oligo-200	3' Alexa Fluor 660	50 nmole	HPLC	80	2	38,200
EGI-Oligo-201	Alexa Fluor 660 (Internal)	50 nmole	HPLC	80	2	40,500
EGI-Oligo-202	5' Alexa Fluor 660	0.2 µmole	HPLC	80	3	44,200
EGI-Oligo-203	3' Alexa Fluor 660	0.2 µmole	HPLC	80	3	46,200
EGI-Oligo-204	Alexa Fluor 660 (Internal)	0.2 µmole	HPLC	80	3	48,500
EGI-Oligo-205	5' Alexa Fluor 660	1.0 µmole	HPLC	80	6	54,200
EGI-Oligo-206	3' Alexa Fluor 660	1.0 µmole	HPLC	80	6	56,200
EGI-Oligo-207	Alexa Fluor 660 (Internal)	1.0 µmole	HPLC	80	6	58,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-208	5' Alexa Fluor 680	50 nmole	HPLC	80	2	59,700
EGI-Oligo-209	3' Alexa Fluor 680	50 nmole	HPLC	80	2	61,800
EGI-Oligo-210	Alexa Fluor 680 (Internal)	50 nmole	HPLC	80	2	63,900
EGI-Oligo-211	5' Alexa Fluor 680	0.2 µmole	HPLC	80	3	67,700
EGI-Oligo-212	3' Alexa Fluor 680	0.2 µmole	HPLC	80	3	69,800
EGI-Oligo-213	Alexa Fluor 680 (Internal)	0.2 µmole	HPLC	80	3	71,900

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-214	5' Alexa Fluor 680	1.0 µmole	HPLC	80	6	1,24,800
EGI-Oligo-215	3' Alexa Fluor 680	1.0 µmole	HPLC	80	6	1,25,800
EGI-Oligo-216	Alexa Fluor 680 (Internal)	1.0 µmole	HPLC	80	6	1,29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-217	5' Alexa Fluor 700	50 nmole	HPLC	80	2	30,800
EGI-Oligo-218	3' Alexa Fluor 700	50 nmole	HPLC	80	2	32,600
EGI-Oligo-219	Alexa Fluor 700 (Internal)	50 nmole	HPLC	80	2	35,800
EGI-Oligo-220	5' Alexa Fluor 700	0.2 µmole	HPLC	80	3	38,800
EGI-Oligo-221	3' Alexa Fluor 700	0.2 µmole	HPLC	80	3	40,600
EGI-Oligo-222	Alexa Fluor 700 (Internal)	0.2 µmole	HPLC	80	3	43,800
EGI-Oligo-223	5' Alexa Fluor 700	1.0 µmole	HPLC	80	6	48,800
EGI-Oligo-224	3' Alexa Fluor 700	1.0 µmole	HPLC	80	6	50,600
EGI-Oligo-225	Alexa Fluor 700 (Internal)	1.0 µmole	HPLC	80	6	53,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-226	5' Alexa Fluor 750	50 nmole	HPLC	80	2	36,300
EGI-Oligo-227	3' Alexa Fluor 750	50 nmole	HPLC	80	2	38,300
EGI-Oligo-228	Alexa Fluor 750 (Internal)	50 nmole	HPLC	80	2	40,000
EGI-Oligo-229	5' Alexa Fluor 750	0.2 µmole	HPLC	80	3	44,300
EGI-Oligo-230	3' Alexa Fluor 750	0.2 µmole	HPLC	80	3	46,300
EGI-Oligo-231	Alexa Fluor 750 (Internal)	0.2 µmole	HPLC	80	3	48,000
EGI-Oligo-232	5' Alexa Fluor 750	1.0 µmole	HPLC	80	6	54,300
EGI-Oligo-233	3' Alexa Fluor 750	1.0 µmole	HPLC	80	6	56,300
EGI-Oligo-234	Alexa Fluor 750 (Internal)	1.0 µmole	HPLC	80	6	58,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-235	5' Cy3	50 nmole	HPLC	80	2	12,300
EGI-Oligo-236	3' Cy3	50 nmole	HPLC	80	2	14,400
EGI-Oligo-237	Cy3 (Internal)	50 nmole	HPLC	80	2	16,100
EGI-Oligo-238	5' Cy3	0.2 µmole	HPLC	80	3	20,300
EGI-Oligo-239	3' Cy3	0.2 µmole	HPLC	80	3	22,400
EGI-Oligo-240	Cy3 (Internal)	0.2 µmole	HPLC	80	3	24,100
EGI-Oligo-241	5' Cy3	1.0 µmole	HPLC	80	6	30,300
EGI-Oligo-242	3' Cy3	1.0 µmole	HPLC	80	6	32,400
EGI-Oligo-243	Cy3 (Internal)	1.0 µmole	HPLC	80	6	34,100

\*Modification (Price in rupees includes base and HPLC charges).

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-244	5' Cy3.5	50 nmole	HPLC	80	2	22,500
EGI-Oligo-245	5' Cy3.5	0.2 µmole	HPLC	80	3	30,500
EGI-Oligo-246	5' Cy3.5	1.0 µmole	HPLC	80	6	40,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-247	5' Cy5	50 nmole	HPLC	80	2	12,300
EGI-Oligo-248	3' Cy5	50 nmole	HPLC	80	2	14,400
EGI-Oligo-249	Cy5 (Internal)	50 nmole	HPLC	80	2	16,100
EGI-Oligo-250	5' Cy5	0.2 µmole	HPLC	80	3	20,300
EGI-Oligo-251	3' Cy5	0.2 µmole	HPLC	80	3	22,400
EGI-Oligo-252	Cy5 (Internal)	0.2 µmole	HPLC	80	3	24,100
EGI-Oligo-253	5' Cy	1.0 µmole	HPLC	80	6	30,300
EGI-Oligo-254	3' Cy5	1.0 µmole	HPLC	80	6	32,400
EGI-Oligo-255	Cy5 (Internal)	1.0 µmole	HPLC	80	6	34,100

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-256	5' Cy5.5	50 nmole	HPLC	80	2	24,600
EGI-Oligo-257	5' Cy5.5	0.2 µmole	HPLC	80	3	32,600
EGI-Oligo-258	5' Cy5.5	1.0 µmole	HPLC	80	6	42,600

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-259	5' FAM (standard)	50 nmole	HPLC	80	2	10,800
EGI-Oligo-260	3' FAM (standard)	50 nmole	HPLC	80	2	12,800
EGI-Oligo-261	5' FAM (standard)	0.2 µmole	HPLC	80	3	18,800
EGI-Oligo-262	3' FAM (standard)	0.2 µmole	HPLC	80	3	20,800
EGI-Oligo-263	5' FAM (standard)	1.0 µmole	HPLC	80	6	28,800
EGI-Oligo-264	3' FAM (standard)	1.0 µmole	HPLC	80	6	30,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-265	5' Fluorescein	50 nmole	Salt free	80	2	10,500
EGI-Oligo-266	5' Fluorescein	50 nmole	HPLC	80	2	12,500
EGI-Oligo-267	3' Fluorescein	50 nmol	HPLC	80	2	14,200
EGI-Oligo-268	3' Fluorescein	0.2 µmole	HPLC	80	3	22,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-269	5' Fluorescein-dT	50 nmole	HPLC	80	2	17,700
EGI-Oligo-270	Fluorescein-dT (Internal)	50 nmole	HPLC	80	2	18,700
EGI-Oligo-271	5' Fluorescein-dT	0.2 µmole	HPLC	80	3	25,700
EGI-Oligo-272	Fluorescein-dT (Internal)	0.2 µmole	HPLC	80	3	26,700

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-273	5' Fluorescein-dT	1.0 $\mu$ mole	HPLC	80	6	35,700
EGI-Oligo-274	Fluorescein-dT (Internal)	1.0 $\mu$ mole	HPLC	80	6	36,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-275	5' TAMRA (STANDARD)	50 nmole	HPLC	80	2	13,000
EGI-Oligo-276	3' TAMRA (STANDARD)	50 nmole	HPLC	80	2	14,000
EGI-Oligo-277	5' TAMRA (STANDARD)	0.2 $\mu$ mole	HPLC	80	3	21,000
EGI-Oligo-278	3' TAMRA (STANDARD)	0.2 $\mu$ mole	HPLC	80	3	22,000
EGI-Oligo-279	5' TAMRA (STANDARD)	1.0 $\mu$ mole	HPLC	80	6	31,000
EGI-Oligo-280	3' TAMRA (STANDARD)	1.0 $\mu$ mole	HPLC	80	6	32,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-281	5' TAMRA-dT	50 nmole	HPLC	80	2	16,600
EGI-Oligo-282	TAMRA-dT (Internal)	50 nmole	HPLC	80	2	17,700
EGI-Oligo-283	5' TAMRA-dT	0.2 $\mu$ mole	HPLC	80	3	24,600
EGI-Oligo-284	TAMRA-dT (Internal)	0.2 $\mu$ mole	HPLC	80	3	25,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-285	5' TET	50 nmole	HPLC	80	2	14,800
EGI-Oligo-286	5' TET	0.2 $\mu$ mole	HPLC	80	3	22,800
EGI-Oligo-287	5' TET	1.0 $\mu$ mole	HPLC	80	6	32,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-288	5' Tamra (ester) - 5-isomer	50 nmole	HPLC	80	2	32,200
EGI-Oligo-289	Tamra (ester) - 5-isomer (Internal)	50 nmole	HPLC	80	2	34,200
EGI-Oligo-290	5' Tamra (ester) - 5-isomer	0.2 $\mu$ mole	HPLC	80	3	40,200
EGI-Oligo-291	Tamra (ester) - 5-isomer (Internal)	0.2 $\mu$ mole	HPLC	80	3	42,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-292	5' HEX	50 nmole	HPLC	80	2	12,000
EGI-Oligo-293	5' HEX	0.2 $\mu$ mole	HPLC	80	3	20,000
EGI-Oligo-294	5' HEX	1.0 $\mu$ mole	HPLC	80	6	30,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-295	5' ATTO390	50 nmole	HPLC	80	2	24,500
EGI-Oligo-296	3' ATTO390	50 nmole	HPLC	80	2	28,500
EGI-Oligo-297	ATTO390 (Internal)	50 nmole	HPLC	80	2	34,860

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-298	5' ATTO390	0.2 $\mu$ mole	HPLC	80	3	36,700
EGI-Oligo-299	3' ATTO390	0.2 $\mu$ mole	HPLC	80	3	40,200
EGI-Oligo-300	ATTO390 (Internal)	0.2 $\mu$ mole	HPLC	80	3	42,000
EGI-Oligo-301	5' ATTO390	1.0 $\mu$ mole	HPLC	80	6	46,700
EGI-Oligo-302	3' ATTO390	1.0 $\mu$ mole	HPLC	80	6	50,200
EGI-Oligo-303	ATTO390 (Internal)	1.0 $\mu$ mole	HPLC	80	6	52,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-304	5' ATTO488	50 nmole	HPLC	80	2	25,000
EGI-Oligo-305	3' ATTO488	50 nmole	HPLC	80	2	27,000
EGI-Oligo-306	ATTO488 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-307	5' ATTO488	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-308	3' ATTO488	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-309	ATTO488 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-310	5' ATTO488	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-311	3' ATTO488	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-312	ATTO488 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-313	5' ATTO532	50 nmole	HPLC	80	2	25,000
EGI-Oligo-314	3' ATTO532	50 nmole	HPLC	80	2	27,000
EGI-Oligo-315	ATTO532 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-316	5' ATTO532	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-317	3' ATTO532	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-318	ATTO532 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-319	5' ATTO532	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-320	3' ATTO532	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-321	ATTO532 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-322	5' ATTO550	50 nmole	HPLC	80	2	25,000
EGI-Oligo-323	3' ATTO550	50 nmole	HPLC	80	2	27,000
EGI-Oligo-324	ATTO550 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-325	5' ATTO550	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-326	3' ATTO550	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-327	ATTO550 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-328	5' ATTO550	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-329	3' ATTO550	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-330	ATTO550 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-331	5' ATTO565	50 nmole	HPLC	80	2	25,000
EGI-Oligo-332	3' ATTO565	50 nmole	HPLC	80	2	27,000
EGI-Oligo-333	ATTO565 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-334	5' ATTO565	0.2 µmole	HPLC	80	3	33,000
EGI-Oligo-335	3' ATTO565	0.2 µmole	HPLC	80	3	35,000
EGI-Oligo-336	ATTO565 (Internal)	0.2 µmole	HPLC	80	3	38,000
EGI-Oligo-337	5' ATTO565	1.0 µmole	HPLC	80	6	43,000
EGI-Oligo-338	3' ATTO565	1.0 µmole	HPLC	80	6	45,000
EGI-Oligo-339	ATTO565 (Internal)	1.0 µmole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-340	5' ATTO590	50 nmole	HPLC	80	2	25,000
EGI-Oligo-341	3' ATTO590	50 nmole	HPLC	80	2	27,000
EGI-Oligo-342	ATTO590 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-343	5' ATTO590	0.2 µmole	HPLC	80	3	33,000
EGI-Oligo-344	3' ATTO590	0.2 µmole	HPLC	80	3	35,000
EGI-Oligo-345	ATTO590 (Internal)	0.2 µmole	HPLC	80	3	38,000
EGI-Oligo-346	5' ATTO590	1.0 µmole	HPLC	80	6	43,000
EGI-Oligo-347	3' ATTO590	1.0 µmole	HPLC	80	6	45,000
EGI-Oligo-348	ATTO590 (Internal)	1.0 µmole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-349	5' ATTO633	50 nmole	HPLC	80	2	25,000
EGI-Oligo-350	3' ATTO633	50 nmole	HPLC	80	2	27,000
EGI-Oligo-351	ATTO633 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-352	5' ATTO633	0.2 µmole	HPLC	80	3	33,000
EGI-Oligo-353	3' ATTO633	0.2 µmole	HPLC	80	3	35,000
EGI-Oligo-354	ATTO633 (Internal)	0.2 µmole	HPLC	80	3	38,000
EGI-Oligo-355	5' ATTO633	1.0 µmole	HPLC	80	6	43,000
EGI-Oligo-356	3' ATTO633	1.0 µmole	HPLC	80	6	45,000
EGI-Oligo-357	ATTO633 (Internal)	1.0 µmole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-358	5' ATTO647N	50 nmole	HPLC	80	2	25,000
EGI-Oligo-359	3' ATTO647N	50 nmole	HPLC	80	2	27,000
EGI-Oligo-360	ATTO647N (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-361	5' ATTO647N	0.2 µmole	HPLC	80	3	33,000
EGI-Oligo-362	3' ATTO647N	0.2 µmole	HPLC	80	3	35,000
EGI-Oligo-363	ATTO647N (Internal)	0.2 µmole	HPLC	80	3	38,000
EGI-Oligo-364	5' ATTO647N	1.0 µmole	HPLC	80	6	43,000

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-365	3' ATTO647N	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-366	ATTO647N (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-367	5' ATTO655	50 nmole	HPLC	80	2	25,000
EGI-Oligo-368	3' ATTO655	50 nmole	HPLC	80	2	27,000
EGI-Oligo-369	ATTO655 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-370	5' ATTO655	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-371	3' ATTO655	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-372	ATTO655 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-373	5' ATTO655	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-374	3' ATTO655	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-375	ATTO655 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-376	5' ATTO700	50 nmole	HPLC	80	2	25,000
EGI-Oligo-377	3' ATTO700	50 nmole	HPLC	80	2	27,000
EGI-Oligo-378	ATTO700 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-379	5' ATTO700	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-380	3' ATTO700	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-381	ATTO700 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-382	5' ATTO700	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-383	3' ATTO700	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-384	ATTO700 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-385	5' ATTO740	50 nmole	HPLC	80	2	25,000
EGI-Oligo-386	3' ATTO740	50 nmole	HPLC	80	2	27,000
EGI-Oligo-387	ATTO740 (Internal)	50 nmole	HPLC	80	2	30,000
EGI-Oligo-388	5' ATTO740	0.2 $\mu$ mole	HPLC	80	3	33,000
EGI-Oligo-389	3' ATTO740	0.2 $\mu$ mole	HPLC	80	3	35,000
EGI-Oligo-390	ATTO740 (Internal)	0.2 $\mu$ mole	HPLC	80	3	38,000
EGI-Oligo-391	5' ATTO740	1.0 $\mu$ mole	HPLC	80	6	43,000
EGI-Oligo-392	3' ATTO740	1.0 $\mu$ mole	HPLC	80	6	45,000
EGI-Oligo-393	ATTO740 (Internal)	1.0 $\mu$ mole	HPLC	80	6	48,000

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-394	5' Rhodamin Green	50 nmole	HPLC	80	2	15,600
EGI-Oligo-395	3' Rhodamin Green	50 nmole	HPLC	80	2	17,600
EGI-Oligo-396	Rhodamin Green (Internal)	50 nmole	HPLC	80	2	21,600
EGI-Oligo-397	5' Rhodamin Green	0.2 µmole	HPLC	80	3	23,600
EGI-Oligo-398	3' Rhodamin Green	0.2 µmole	HPLC	80	3	25,600
EGI-Oligo-399	Rhodamin Green (Internal)	0.2 µmole	HPLC	80	3	29,600

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-400	5' Rhodamin Red	50 nmole	HPLC	80	2	15,600
EGI-Oligo-401	3' Rhodamin Red	50 nmole	HPLC	80	2	17,600
EGI-Oligo-402	Rhodamin Red (Internal)	50 nmole	HPLC	80	2	21,600
EGI-Oligo-403	5' Rhodamin Red	0.2 µmole	HPLC	80	3	23,600
EGI-Oligo-404	3' Rhodamin Red	0.2 µmole	HPLC	80	3	25,600
EGI-Oligo-405	Rhodamin Red (Internal)	0.2 µmole	HPLC	80	3	29,600

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-406	5' ATTO610	50 nmole	HPLC	80	2	13,500
EGI-Oligo-407	3' ATTO610	50 nmole	HPLC	80	2	15,600
EGI-Oligo-408	ATTO610 (Internal)	50 nmole	HPLC	80	2	17,200
EGI-Oligo-409	5' ATTO610	0.2 µmole	HPLC	80	3	21,500
EGI-Oligo-410	3' ATTO610	0.2 µmole	HPLC	80	3	23,600
EGI-Oligo-411	ATTO610 (Internal)	0.2 µmole	HPLC	80	3	25,200
EGI-Oligo-412	5' ATTO610	1.0 µmole	HPLC	80	6	31,500
EGI-Oligo-413	3' ATTO610	1.0 µmole	HPLC	80	6	33,600
EGI-Oligo-414	ATTO610 (Internal)	1.0 µmole	HPLC	80	6	35,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-415	5' ATTO594	50 nmole	HPLC	80	2	13,500
EGI-Oligo-416	3' ATTO594	50 nmole	HPLC	80	2	15,600
EGI-Oligo-417	ATTO594 (Internal)	50 nmole	HPLC	80	2	17,200
EGI-Oligo-418	5' ATTO594	0.2 µmole	HPLC	80	3	21,500
EGI-Oligo-419	3' ATTO594	0.2 µmole	HPLC	80	3	23,600
EGI-Oligo-420	ATTO594 (Internal)	0.2 µmole	HPLC	80	3	25,200
EGI-Oligo-421	5' ATTO594	1.0 µmole	HPLC	80	6	31,500
EGI-Oligo-422	3' ATTO594	1.0 µmole	HPLC	80	6	33,600
EGI-Oligo-423	ATTO594 (Internal)	1.0 µmole	HPLC	80	6	35,200

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-424	5' Texas Red	50 nmole	HPLC	80	2	15,800
EGI-Oligo-425	3' Texas Red	50 nmole	HPLC	80	2	18,000
EGI-Oligo-426	Texas Red (Internal)	50 nmole	HPLC	80	2	20,000
EGI-Oligo-427	5' Texas Red	0.2 µmole	HPLC	80	3	23,800
EGI-Oligo-428	3' Texas Red	0.2 µmole	HPLC	80	3	26,000
EGI-Oligo-429	Texas Red (Internal)	0.2 µmole	HPLC	80	3	28,000
EGI-Oligo-430	5' Texas Red	1.0 µmole	HPLC	80	6	33,800
EGI-Oligo-431	3' Texas Red	1.0 µmole	HPLC	80	6	36,000
EGI-Oligo-432	Texas Red (Internal)	1.0 µmole	HPLC	80	6	38,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-433	5' Yakima Yellow	50 nmole	HPLC	80	2	23,000
EGI-Oligo-434	5' Yakima Yellow	0.2 µmole	HPLC	80	3	31,000
EGI-Oligo-435	5' Yakima Yellow	1.0 µmole	HPLC	80	6	41,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-436	5' JOE	50 nmole	HPLC	80	2	22,500
EGI-Oligo-437	3' JOE	50 nmole	HPLC	80	2	25,700
EGI-Oligo-438	JOE (Internal)	50 nmole	HPLC	80	2	27,300
EGI-Oligo-439	5' JOE	0.2 µmole	HPLC	80	3	30,500
EGI-Oligo-440	3' JOE	0.2 µmole	HPLC	80	3	33,700
EGI-Oligo-441	JOE (Internal)	0.2 µmole	HPLC	80	3	35,300

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-442	5' ROX	50 nmole	HPLC	80	2	22,500
EGI-Oligo-443	3' ROX	50 nmole	HPLC	80	2	25,700
EGI-Oligo-444	ROX (Internal)	50 nmole	HPLC	80	2	27,300
EGI-Oligo-445	5' ROX	0.2 µmole	HPLC	80	3	30,500
EGI-Oligo-446	3' ROX	0.2 µmole	HPLC	80	3	33,700
EGI-Oligo-447	ROX (Internal)	0.2 µmole	HPLC	80	3	35,300

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-448	5' Oregon Green 488	50 nmole	HPLC	80	2	22,500
EGI-Oligo-449	3' Oregon Green 488	50 nmole	HPLC	80	2	25,700
EGI-Oligo-450	Oregon Green 488 (Internal)	50 nmole	HPLC	80	2	27,300
EGI-Oligo-451	5' Oregon Green 488	0.2 µmole	HPLC	80	3	30,500
EGI-Oligo-452	3' Oregon Green 488	0.2 µmole	HPLC	80	3	33,700
EGI-Oligo-453	Oregon Green 488 (Internal)	0.2 µmole	HPLC	80	3	35,300

\*Modification (Price in rupees includes base and HPLC charges).

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-454	5' Oregon Green 514	50 nmole	HPLC	80	2	14,500
EGI-Oligo-455	3' Oregon Green 514	50 nmole	HPLC	80	2	16,500
EGI-Oligo-456	Oregon Green 514 (Internal)	50 nmole	HPLC	80	2	18,500
EGI-Oligo-457	5' Oregon Green 514	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-458	Oregon Green 514	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-459	Oregon Green 514 (Internal)	0.2 µmole	HPLC	80	3	26,500

## Quenchers

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-460	5' Black Hole Quencher 1	50 nmole	HPLC	80	2	24,600
EGI-Oligo-461	3' Black Hole Quencher 1	50 nmole	HPLC	80	2	25,800
EGI-Oligo-462	5' Black Hole Quencher 1	0.2 µmole	HPLC	80	3	32,600
EGI-Oligo-463	3' Black Hole Quencher 1	0.2 µmole	HPLC	80	3	33,800
EGI-Oligo-464	5' Black Hole Quencher 1	1.0 µmole	HPLC	80	6	42,600
EGI-Oligo-465	3' Black Hole Quencher 1	1.0 µmole	HPLC	80	6	43,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-466	5' Black Hole Quencher 2	50 nmole	HPLC	80	2	33,600
EGI-Oligo-467	3' Black Hole Quencher 2	50 nmole	HPLC	80	2	34,700
EGI-Oligo-468	5' Black Hole Quencher 2	0.2 µmole	HPLC	80	3	41,600
EGI-Oligo-469	3' Black Hole Quencher 2	0.2 µmole	HPLC	80	3	42,700
EGI-Oligo-470	5' Black Hole Quencher 2	1.0 µmole	HPLC	80	6	51,600
EGI-Oligo-471	3' Black Hole Quencher 2	1.0 µmole	HPLC	80	6	52,700

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-472	5' BHQ1-dT	0.2 µmole	HPLC	80	3	19,000
EGI-Oligo-473	BHQ1-dT (Internal)	0.2 µmole	HPLC	80	3	21,000
EGI-Oligo-474	5' BHQ1-dT	1.0 µmole	HPLC	80	6	27,000
EGI-Oligo-475	BHQ1-dT (Internal)	1.0 µmole	HPLC	80	6	29,000

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-476	5' BHQ2-dT	0.2 µmole	HPLC	80	3	27,500
EGI-Oligo-477	BHQ2-dT (Internal)	0.2 µmole	HPLC	80	3	28,400
EGI-Oligo-478	5' BHQ2-dT	1.0 µmole	HPLC	80	6	35,500
EGI-Oligo-479	BHQ2-dT (Internal)	1.0 µmole	HPLC	80	6	36,400

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-480	5' Dabcyl	50 nmole	HPLC	80	2	14,500
EGI-Oligo-481	3' Dabcyl	50 nmole	HPLC	80	2	15,500
EGI-Oligo-482	5' Dabcyl	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-483	3' Dabcyl	0.2 µmole	HPLC	80	3	23,500
EGI-Oligo-484	5' Dabcyl	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-485	3' Dabcyl	1.0 µmole	HPLC	80	6	33,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-486	Dabcyl-dT (Internal)	50 nmole	HPLC	80	2	27,800
EGI-Oligo-487	Dabcyl-dT (Internal)	0.2 µmole	HPLC	80	3	35,800
EGI-Oligo-488	Dabcyl-dT (Internal)	1.0 µmole	HPLC	80	6	45,800

## Spacers

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-489	5' Spacer C18	50 nmole	HPLC	80	2	10,100
EGI-Oligo-490	Spacer C18 (Internal)	50 nmole	HPLC	80	2	12,100
EGI-Oligo-491	5' Spacer C18	0.2 µmole	HPLC	80	3	18,100
EGI-Oligo-492	Spacer C18 (Internal)	0.2 µmole	HPLC	80	3	20,100
EGI-Oligo-493	5' Spacer C18	1.0 µmole	HPLC	80	6	28,100
EGI-Oligo-494	Spacer C18 (Internal)	1.0 µmole	HPLC	80	6	30,100

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-495	5' Spacer C3	50 nmole	HPLC	80	2	12,200
EGI-Oligo-496	3' Spacer C3	50 nmole	HPLC	80	2	13,200
EGI-Oligo-497	Spacer C3 (Internal)	50 nmole	HPLC	80	2	15,200
EGI-Oligo-498	5' Spacer C3	0.2 µmole	HPLC	80	3	20,200
EGI-Oligo-499	3' Spacer C3	0.2 µmole	HPLC	80	3	21,200
EGI-Oligo-500	Spacer C3 (Internal)	0.2 µmole	HPLC	80	3	23,200
EGI-Oligo-501	5' Spacer C3	1.0 µmole	HPLC	80	6	30,200
EGI-Oligo-502	3' Spacer C3	1.0 µmole	HPLC	80	6	31,200
EGI-Oligo-503	Spacer C3 (Internal)	1.0 µmole	HPLC	80	6	33,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-504	5' dSpacer	50 nmole	HPLC	80	2	12,300
EGI-Oligo-505	dSpacer (Internal)	50 nmole	HPLC	80	2	13,400
EGI-Oligo-506	5' dSpacer	0.2 µmole	HPLC	80	3	20,300
EGI-Oligo-507	dSpacer (Internal)	0.2 µmole	HPLC	80	3	21,400
EGI-Oligo-508	5' dSpacer	1.0 µmole	HPLC	80	6	30,300
EGI-Oligo-509	dSpacer (Internal)	1.0 µmole	HPLC	80	6	31,400

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## CUSTOM OLIGO MODIFICATIONS

### Miscellaneous Mods

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-510	5' Digoxigenin	50 nmole	HPLC	80	2	17,200
EGI-Oligo-511	3' Digoxigenin	50 nmole	HPLC	80	2	18,800
EGI-Oligo-512	Digoxigenin (Internal)	50 nmole	HPLC	80	2	20,800
EGI-Oligo-513	5' Digoxigenin	0.2 µmole	HPLC	80	3	25,200
EGI-Oligo-514	3' Digoxigenin	0.2 µmole	HPLC	80	3	26,800
EGI-Oligo-515	Digoxigenin (Internal)	0.2 µmole	HPLC	80	3	28,800
EGI-Oligo-516	5' Digoxigenin	1.0 µmole	HPLC	80	6	35,200
EGI-Oligo-517	3' Digoxigenin	1.0 µmole	HPLC	80	6	36,800
EGI-Oligo-518	Digoxigenin (Internal)	1.0 µmole	HPLC	80	6	38,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-519	5' DNP	50 nmole	HPLC	80	2	18,500
EGI-Oligo-520	DNP (Internal)	50 nmole	HPLC	80	2	20,200
EGI-Oligo-521	5' DNP	0.2 µmole	HPLC	80	3	26,500
EGI-Oligo-522	DNP (Internal)	0.2 µmole	HPLC	80	3	28,200
EGI-Oligo-523	5' DNP	1.0 µmole	HPLC	80	6	36,500
EGI-Oligo-524	DNP (Internal)	1.0 µmole	HPLC	80	6	38,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-525	Phosphorothioate bases (PTO) (Internal)	50 nmole	HPLC	40	2	8,100
EGI-Oligo-526	Phosphorothioate bases (PTO) (Internal)	50 nmole	HPLC	80	2	9,100
EGI-Oligo-527	Phosphorothioate bases (PTO) (Internal)	0.2 µmole	HPLC	40	3	16,100
EGI-Oligo-528	Phosphorothioate bases (PTO) (Internal)	0.2 µmole	HPLC	80	3	17,100
EGI-Oligo-529	Phosphorothioate bases (PTO) (Internal)	1.0 µmole	HPLC	40	6	26,100
EGI-Oligo-530	Phosphorothioate bases (PTO) (Internal)	1.0 µmole	HPLC	80	6	27,100

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-531	5' TINA	50 nmole	HPLC	80	2	12,200
EGI-Oligo-532	5' TINA	0.2 µmole	HPLC	80	3	20,200
EGI-Oligo-533	5' TINA	1.0 µmole	HPLC	80	6	30,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-534	5' Bodipy FL	50 nmole	HPLC	80	2	15,200
EGI-Oligo-535	3' Bodipy FL	50 nmole	HPLC	80	2	17,200
EGI-Oligo-536	Bodipy FL (Internal)	50 nmole	HPLC	80	2	19,200
EGI-Oligo-537	5' Bodipy FL	0.2 µmole	HPLC	80	3	23,200
EGI-Oligo-538	3' Bodipy FL	0.2 µmole	HPLC	80	3	25,200
EGI-Oligo-539	Bodipy FL (Internal)	0.2 µmole	HPLC	80	3	27,200

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-540	5' Bodipy FL	1.0 $\mu$ mole	HPLC	80	6	33,100
EGI-Oligo-541	3' Bodipy FL	1.0 $\mu$ mole	HPLC	80	6	41,100
EGI-Oligo-542	Bodipy FL (Internal)	1.0 $\mu$ mole	HPLC	80	6	51,100

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-543	5' Bodipy 530/550	50 nmole	HPLC	80	2	15,200
EGI-Oligo-544	3' Bodipy 530/550	50 nmole	HPLC	80	2	17,200
EGI-Oligo-545	Bodipy 530/550 (Internal)	50 nmole	HPLC	80	2	19,200
EGI-Oligo-546	5' Bodipy 530/550	0.2 $\mu$ mole	HPLC	80	3	23,200
EGI-Oligo-547	3' Bodipy 530/550	0.2 $\mu$ mole	HPLC	80	3	25,200
EGI-Oligo-548	Bodipy 530/550 (Internal)	0.2 $\mu$ mole	HPLC	80	3	27,200
EGI-Oligo-549	5' Bodipy 530/550	1.0 $\mu$ mole	HPLC	80	6	33,200
EGI-Oligo-550	3' Bodipy 530/550	1.0 $\mu$ mole	HPLC	80	6	35,200
EGI-Oligo-551	Bodipy 530/550 (Internal)	1.0 $\mu$ mole	HPLC	80	6	37,200

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-552	5' Bodipy TMR-X	50 nmole	HPLC	80	2	14,800
EGI-Oligo-553	3' Bodipy TMR-X	50 nmole	HPLC	80	2	16,800
EGI-Oligo-554	Bodipy TMR-X (Internal)	50 nmole	HPLC	80	2	18,500
EGI-Oligo-555	5' Bodipy TMR-X	0.2 $\mu$ mole	HPLC	80	3	22,800
EGI-Oligo-556	3' Bodipy TMR-X	0.2 $\mu$ mole	HPLC	80	3	24,800
EGI-Oligo-557	Bodipy TMR-X (Internal)	0.2 $\mu$ mole	HPLC	80	3	26,500
EGI-Oligo-558	5' Bodipy TMR-X	1.0 $\mu$ mole	HPLC	80	6	32,800
EGI-Oligo-559	3' Bodipy TMR-X	1.0 $\mu$ mole	HPLC	80	6	34,800
EGI-Oligo-560	Bodipy TMR-X (Internal)	1.0 $\mu$ mole	HPLC	80	6	36,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-561	5' Bodipy 630/650	50 nmole	HPLC	80	2	14,800
EGI-Oligo-562	3' Bodipy 630/650	50 nmole	HPLC	80	2	16,800
EGI-Oligo-563	Bodipy 630/650 (Internal)	50 nmole	HPLC	80	2	18,500
EGI-Oligo-564	5' Bodipy 630/650	0.2 $\mu$ mole	HPLC	80	3	22,800
EGI-Oligo-565	3' Bodipy 630/650	0.2 $\mu$ mole	HPLC	80	3	24,800
EGI-Oligo-566	Bodipy 630/650 (Internal)	0.2 $\mu$ mole	HPLC	80	3	26,500
EGI-Oligo-567	5' Bodipy 630/650	1.0 $\mu$ mole	HPLC	80	6	32,800
EGI-Oligo-568	3' Bodipy 630/650	1.0 $\mu$ mole	HPLC	80	6	34,800
EGI-Oligo-569	Bodipy 630/650 (Internal)	1.0 $\mu$ mole	HPLC	80	6	36,500

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-570	5' Bodipy 650/665	50 nmole	HPLC	80	2	14,800
EGI-Oligo-571	3' Bodipy 650/665	50 nmole	HPLC	80	2	16,800
EGI-Oligo-572	Bodipy 650/665 (Internal)	50 nmole	HPLC	80	2	18,500
EGI-Oligo-573	5' Bodipy 650/665	0.2 µmole	HPLC	80	3	22,800
EGI-Oligo-574	3' Bodipy 650/665	0.2 µmole	HPLC	80	3	24,800
EGI-Oligo-575	Bodipy 650/665 (Internal)	0.2 µmole	HPLC	80	3	26,500
EGI-Oligo-576	5' Bodipy 650/665	1.0 µmole	HPLC	80	6	32,800
EGI-Oligo-577	3' Bodipy 650/665	1.0 µmole	HPLC	80	6	34,800
EGI-Oligo-578	Bodipy 650/665 (Internal)	1.0 µmole	HPLC	80	6	36,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-579	5' DY-415	50 nmole	HPLC	80	2	14,500
EGI-Oligo-580	3' DY-415	50 nmole	HPLC	80	2	16,500
EGI-Oligo-581	DY-415 (Internal)	50 nmole	HPLC	80	2	20,500
EGI-Oligo-582	5' DY-415	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-583	3' DY-415	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-584	DY-415 (Internal)	0.2 µmole	HPLC	80	3	28,500
EGI-Oligo-585	5' DY-415	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-586	3' DY-415	1.0 µmole	HPLC	80	6	34,500
EGI-Oligo-587	DY-415 (Internal)	1.0 µmole	HPLC	80	6	38,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-588	5' DY-549	50 nmole	HPLC	80	2	14,500
EGI-Oligo-589	3' DY-549	50 nmole	HPLC	80	2	16,500
EGI-Oligo-590	DY-549 (Internal)	50 nmole	HPLC	80	2	20,500
EGI-Oligo-591	5' DY-549	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-592	3' DY-549	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-593	DY-549 (Internal)	0.2 µmole	HPLC	80	3	28,500
EGI-Oligo-594	5' DY-549	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-595	3' DY-549	1.0 µmole	HPLC	80	6	34,500
EGI-Oligo-596	DY-549 (Internal)	1.0 µmole	HPLC	80	6	38,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-597	5' DY-649	50 nmole	HPLC	80	2	14,500
EGI-Oligo-598	3' DY-649	50 nmole	HPLC	80	2	16,500
EGI-Oligo-599	DY-649 (Internal)	50 nmole	HPLC	80	2	20,500
EGI-Oligo-600	5' DY-649	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-601	3' DY-649	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-602	DY-649 (Internal)	0.2 µmole	HPLC	80	3	28,500
EGI-Oligo-603	5' DY-649	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-604	3' DY-649	1.0 µmole	HPLC	80	6	34,500
EGI-Oligo-605	DY-649 (Internal)	1.0 µmole	HPLC	80	6	38,500

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-606	5' DY-610	50 nmole	HPLC	80	2	14,500
EGI-Oligo-607	3' DY-610	50 nmole	HPLC	80	2	16,500
EGI-Oligo-608	DY-610 (Internal)	50 nmole	HPLC	80	2	20,500
EGI-Oligo-609	5' DY-610	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-610	3' DY-610	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-611	DY-610 (Internal)	0.2 µmole	HPLC	80	3	28,500
EGI-Oligo-612	5' DY-610	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-613	3' DY-610	1.0 µmole	HPLC	80	6	34,500
EGI-Oligo-614	DY-610 (Internal)	1.0 µmole	HPLC	80	6	38,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-615	5' DY-480 XL	50 nmole	HPLC	80	2	14,500
EGI-Oligo-616	3' DY-480 XL	50 nmole	HPLC	80	2	16,500
EGI-Oligo-617	DY-480 XL (Internal)	50 nmole	HPLC	80	2	20,500
EGI-Oligo-618	5' DY-480 XL	0.2 µmole	HPLC	80	3	22,500
EGI-Oligo-619	3' DY-480 XL	0.2 µmole	HPLC	80	3	24,500
EGI-Oligo-620	DY-480 XL (Internal)	0.2 µmole	HPLC	80	3	28,500
EGI-Oligo-621	5' DY-480 XL	1.0 µmole	HPLC	80	6	32,500
EGI-Oligo-622	3' DY-480 XL	1.0 µmole	HPLC	80	6	34,500
EGI-Oligo-623	DY-480 XL (Internal)	1.0 µmole	HPLC	80	6	38,500

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-624	5'Fluorescein isothiocyanate [FITC]	50 nmole	HPLC	80	2	11,100
EGI-Oligo-625	3'Fluorescein isothiocyanate [FITC]	50 nmole	HPLC	80	2	14,200
EGI-Oligo-626	Fluorescein isothiocyanate [FITC] (Internal)	50 nmole	HPLC	80	2	16,800
EGI-Oligo-627	5'Fluorescein isothiocyanate [FITC]	0.2 µmole	HPLC	80	3	19,100
EGI-Oligo-628	3'Fluorescein isothiocyanate [FITC]	0.2 µmole	HPLC	80	3	22,200
EGI-Oligo-629	Fluorescein isothiocyanate (FITC) (Internal)	0.2 µmole	HPLC	80	3	24,800
EGI-Oligo-630	5'Fluorescein isothiocyanate [FITC]	1.0 µmole	HPLC	80	6	29,100
EGI-Oligo-631	3'Fluorescein isothiocyanate [FITC]	1.0 µmole	HPLC	80	6	32,200
EGI-Oligo-632	Fluorescein isothiocyanate [FITC] (Internal)	1.0 µmole	HPLC	80	6	34,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-633	5' LC 610	50 nmole	HPLC	80	2	26,200
EGI-Oligo-634	3' LC 610	50 nmole	HPLC	80	2	28,200
EGI-Oligo-635	LC 610 (Internal)	50 nmole	HPLC	80	2	30,200
EGI-Oligo-636	5' LC 610	0.2 µmole	HPLC	80	3	34,200
EGI-Oligo-637	3' LC 610	0.2 µmole	HPLC	80	3	36,200
EGI-Oligo-638	LC 610 (Internal)	0.2 µmole	HPLC	80	3	38,200
EGI-Oligo-639	5' LC 610	1.0 µmole	HPLC	80	6	44,200
EGI-Oligo-640	3' LC 610	1.0 µmole	HPLC	80	6	46,200
EGI-Oligo-641	LC 610 (Internal)	1.0 µmole	HPLC	80	6	48,200

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

\*For GST Exemption customers should provide DSIR Certificate and Essential Certificate.

## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-642	5' LC 640	50 nmole	HPLC	80	2	26,200
EGI-Oligo-643	3' LC 640	50 nmole	HPLC	80	2	28,200
EGI-Oligo-644	LC 640 (Internal)	50 nmole	HPLC	80	2	30,200
EGI-Oligo-645	5' LC 640	0.2 µmole	HPLC	80	3	34,200
EGI-Oligo-646	3' LC 640	0.2 µmole	HPLC	80	3	36,200
EGI-Oligo-647	LC 640 (Internal)	0.2 µmole	HPLC	80	3	38,200
EGI-Oligo-648	5' LC 640	1.0 µmole	HPLC	80	6	44,200
EGI-Oligo-649	3' LC 640	1.0 µmole	HPLC	80	6	46,200
EGI-Oligo-650	LC 640 (Internal)	1.0 µmole	HPLC	80	6	48,200

## Chimeric: DNA/RNA Oligos

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-651	5' 2'-O Methyl-A	50 nmole	HPLC	80	2	7,800
EGI-Oligo-652	3' 2'-O Methyl-A	50 nmole	HPLC	80	2	9,800
EGI-Oligo-653	2'-O Methyl-A (Internal)	50 nmole	HPLC	80	2	11,800
EGI-Oligo-654	5' 2'-O Methyl-A	0.2 µmole	HPLC	80	3	15,800
EGI-Oligo-655	3' 2'-O Methyl-A	0.2 µmole	HPLC	80	3	17,800
EGI-Oligo-656	2'-O Methyl-A (Internal)	0.2 µmole	HPLC	80	3	19,800
EGI-Oligo-657	5' 2'-O Methyl-A	1.0 µmole	HPLC	80	6	25,800
EGI-Oligo-658	3' 2'-O Methyl-A	1.0 µmole	HPLC	80	6	27,800
EGI-Oligo-659	2'-O Methyl-A (Internal)	1.0 µmole	HPLC	80	6	29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-660	5' 2'-O Methyl-C	50 nmole	HPLC	80	2	7,800
EGI-Oligo-661	3' 2'-O Methyl-C	50 nmole	HPLC	80	2	9,800
EGI-Oligo-662	2'-O Methyl-C (Internal)	50 nmole	HPLC	80	2	11,800
EGI-Oligo-663	5' 2'-O Methyl-C	0.2 µmole	HPLC	80	3	15,800
EGI-Oligo-664	3' 2'-O Methyl-C	0.2 µmole	HPLC	80	3	17,800
EGI-Oligo-665	2'-O Methyl-C (Internal)	0.2 µmole	HPLC	80	3	19,800
EGI-Oligo-666	5' 2'-O Methyl-C	1.0 µmole	HPLC	80	6	25,800
EGI-Oligo-667	3' 2'-O Methyl-C	1.0 µmole	HPLC	80	6	27,800
EGI-Oligo-668	2'-O Methyl-C (Internal)	1.0 µmole	HPLC	80	6	29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-669	5' 2'-O Methyl-G	50 nmole	HPLC	80	2	7,800
EGI-Oligo-670	3' 2'-O Methyl-G	50 nmole	HPLC	80	2	9,800
EGI-Oligo-671	2'-O Methyl-G (Internal)	50 nmole	HPLC	80	2	11,800
EGI-Oligo-672	5' 2'-O Methyl-G	0.2 µmole	HPLC	80	3	15,800
EGI-Oligo-673	3' 2'-O Methyl-G	0.2 µmole	HPLC	80	3	17,800

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

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## CUSTOM OLIGO MODIFICATIONS

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-674	2'-O Methyl-G (Internal)	0.2 $\mu$ mole	HPLC	80	3	19,800
EGI-Oligo-675	5' 2'-O Methyl-G	1.0 $\mu$ mole	HPLC	80	6	25,800
EGI-Oligo-676	3' 2'-O Methyl-G	1.0 $\mu$ mole	HPLC	80	6	27,800
EGI-Oligo-677	2'-O Methyl-G (Internal)	1.0 $\mu$ mole	HPLC	80	6	29,800

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-678	5' 2'-O Methyl-U	50 nmole	HPLC	80	2	7,800
EGI-Oligo-679	3' 2'-O Methyl-U	50 nmole	HPLC	80	2	9,800
EGI-Oligo-680	2'-O Methyl-U (Internal)	50 nmole	HPLC	80	2	11,800
EGI-Oligo-681	5' 2'-O Methyl-U	0.2 $\mu$ mole	HPLC	80	3	15,800
EGI-Oligo-682	3' 2'-O Methyl-U	0.2 $\mu$ mole	HPLC	80	3	17,800
EGI-Oligo-683	2'-O Methyl-U (Internal)	0.2 $\mu$ mole	HPLC	80	3	19,800
EGI-Oligo-684	5' 2'-O Methyl-U	1.0 $\mu$ mole	HPLC	80	6	25,800
EGI-Oligo-685	3' 2'-O Methyl-U	1.0 $\mu$ mole	HPLC	80	6	27,800
EGI-Oligo-686	2'-O Methyl-U (Internal)	1.0 $\mu$ mole	HPLC	80	6	29,800

### Additional Services:

EGI Cat No.	Description	Price (₹)
Oligo_WOB	Wobbles with non-defined ratio (two different kind of wobbles per modified oligo are possible)	FOC
Oligo_WOB_5'	5' or internal wobbles with defined ratio (not available for IRD 700 / 800)	1200/WOB
Oligo_WOB_3'	3' Wobble (start material; not available for IRD 700 / 800)	900/Oligo
Oligo_Norm	Concentration adjustment in tubes (shipment in distilled water)	112/ Oligo
Oligo_Aliq	Multiple aliquoting in tubes (up to 10 aliquots available)	168/ Aliquot
Oligo_Pool	Mixing of oligos in one tube	112/ Oligo
Oligo_MS Report	MALDI QC Report	100/ Oligo

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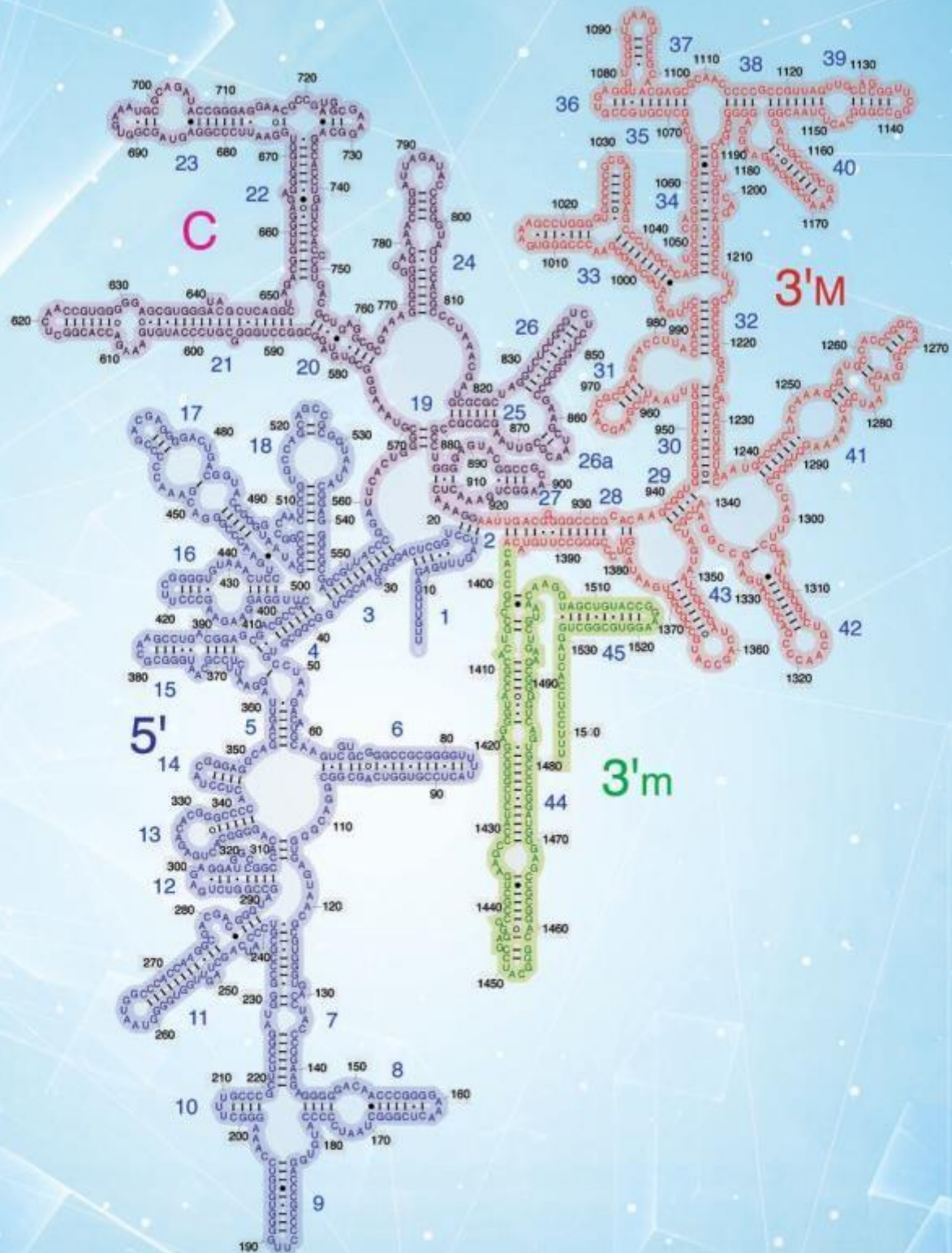
## Notes:

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# RNA Custom Oligos

Customer specific high-quality RNA oligo's.

# Our Lab Facilities



## CUSTOM RNA SYNTHESIS

EGI Cat No.	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price/base	Price(₹ )/Desalt
EGI-Oligo-687	50 nmole	Desalt	40	1	700	FOC
EGI-Oligo-688	0.2 µmole	Desalt	40	2	890	FOC
EGI-Oligo-689	1.0 µmole	Desalt	40	3	1175	FOC
EGI-Oligo-690	50 nmole	HPLC	40	1	750	FOC
EGI-Oligo-691	0.2 µmole	HPLC	40	2	940	FOC
EGI-Oligo-692	1.0 µmole	HPLC	40	3	1225	FOC

## CUSTOM RNA MODIFICATIONS-5' Modification

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-693	5' Amino C12	50 nmole	HPLC	40	1	30,800
EGI-Oligo-694	5' Amino C6	50 nmole	HPLC	40	1	32,800
EGI-Oligo-695	5' Biotin	50 nmole	HPLC	40	1	33,800
EGI-Oligo-696	5' Biotin (TEG)	50 nmole	HPLC	40	1	37,200
EGI-Oligo-697	5' Cholesteryl TEG	50 nmole	HPLC	40	1	35,300
EGI-Oligo-698	5' Cy3	50 nmole	HPLC	40	1	37,200
EGI-Oligo-699	5' Cy5	50 nmole	HPLC	40	1	37,200
EGI-Oligo-700	5' FAM	50 nmole	HPLC	40	1	35,700
EGI-Oligo-701	5' HEX	50 nmole	HPLC	40	1	35,700
EGI-Oligo-702	5' Phosphate	50 nmole	HPLC	40	1	31,900
EGI-Oligo-703	5' Tamara	50 nmole	HPLC	40	1	35,700
EGI-Oligo-704	5' TET	50 nmole	HPLC	40	1	35,700

## CUSTOM RNA MODIFICATIONS-3' Modification

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-705	3' 2',3'DideoxyC	50 nmole	HPLC	40	1	38,700
EGI-Oligo-706	3' Amino C3	50 nmole	HPLC	40	1	32,400
EGI-Oligo-707	3' Amino C6	50 nmole	HPLC	40	1	32,400
EGI-Oligo-708	3' Amino C7	50 nmole	HPLC	40	1	32,400
EGI-Oligo-709	3' 5-Methyl-dc	50 nmole	HPLC	40	1	33,800
EGI-Oligo-710	3' BHQ 1	50 nmole	HPLC	40	1	45,800
EGI-Oligo-711	3' BHQ 2	50 nmole	HPLC	40	1	45,800
EGI-Oligo-712	3' Biotin (TEG)	50 nmole	HPLC	40	1	37,200
EGI-Oligo-713	3' Cholesterol	50 nmole	HPLC	40	1	34,300
EGI-Oligo-714	3' Dabcyl	50 nmole	HPLC	40	1	38,000
EGI-Oligo-715	3' Phosphate	50 nmole	HPLC	40	1	31,900
EGI-Oligo-716	3' Spacer 3	50 nmole	HPLC	40	1	35,300
EGI-Oligo-717	3' TAMRA	50 nmole	HPLC	40	1	35,700

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## CUSTOM RNA MODIFICATIONS

### CUSTOM RNA MODIFICATIONS-Internal Modification

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-718	Fluorescein-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-719	TAMRA-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-720	Biotin-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-721	BHQ1-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-722	Dabcyl-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-723	5-Methyl-dc (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-724	Amino-C6-dT (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-725	Phosphorothioate bases (PTO) (Internal)	50 nmole	HPLC	40	1	35,800
EGI-Oligo-726	Spacer C3 (Internal)	50 nmole	HPLC	40	1	35,800

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EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-727	Custom siRNA	20 nmole	Desalt	27	4	17,700
EGI-Oligo-728	Custom siRNA	40 nmole	Desalt	27	8	31,000
EGI-Oligo-729	Custom siRNA	20 nmole	HPLC	27	3	32,900
EGI-Oligo-730	Custom siRNA	40 nmole	HPLC	27	6	46,500

## siRNA Modifications

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-731	5' FAM	20 nmole	HPLC	27	1	41,700
EGI-Oligo-732	5' FAM	40 nmole	HPLC	27	2	56,300
EGI-Oligo-733	5' HEX	20 nmole	HPLC	27	1	41,700
EGI-Oligo-734	5' HEX	40 nmole	HPLC	27	2	56,300
EGI-Oligo-735	5' TET	20 nmole	HPLC	27	1	41,700
EGI-Oligo-736	5' TET	40 nmole	HPLC	27	2	56,300
EGI-Oligo-737	5' Cy3	20 nmole	HPLC	27	1	42,800
EGI-Oligo-738	5' Cy3	40 nmole	HPLC	27	2	58,100
EGI-Oligo-739	5' Cy5	20 nmole	HPLC	27	1	42,800
EGI-Oligo-740	5' Cy5	40 nmole	HPLC	27	2	58,100
EGI-Oligo-741	5' AminoC6	20 nmole	HPLC	27	1	37,000
EGI-Oligo-742	5' AminoC6	40 nmole	HPLC	27	2	51,600
EGI-Oligo-743	5' Biotin	20 nmole	HPLC	27	1	39,400
EGI-Oligo-744	5' Biotin	40 nmole	HPLC	27	2	54,500
EGI-Oligo-745	5' Phosphate	20 nmole	HPLC	27	1	38,900
EGI-Oligo-746	5' Phosphate	40 nmole	HPLC	27	2	53,000
EGI-Oligo-747	3' AminoC7	20 nmole	HPLC	27	1	37,900
EGI-Oligo-748	3' AminoC7	40 nmole	HPLC	27	2	52,600
EGI-Oligo-749	3' AminoC3	20 nmole	HPLC	27	1	38,400
EGI-Oligo-750	3' AminoC3	40 nmole	HPLC	27	2	52,600
EGI-Oligo-751	3' Biotin(TEG)	20 nmole	HPLC	27	1	42,900
EGI-Oligo-752	3' Biotin(TEG)	40 nmole	HPLC	27	2	57,300
EGI-Oligo-753	3' Phosphate	20 nmole	HPLC	27	1	37,900
EGI-Oligo-754	3' Phosphate	40 nmole	HPLC	27	2	52,500

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## Dual Label Probes

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-755	5' 6-FAM + 3' BHQ 1	50 nmole	HPLC	40	1	12,200
EGI-Oligo-756	5' 6-FAM + 3' BHQ 1	0.2 µmole	HPLC	40	2	20,000
EGI-Oligo-757	5' HEX + 3' BHQ 1	50 nmole	HPLC	40	1	16,700
EGI-Oligo-758	5' HEX + 3' BHQ 1	0.2 µmole	HPLC	40	2	24,700
EGI-Oligo-759	5' JOE + 3' BHQ 1	0.2 µmole	HPLC	40	2	25,500
EGI-Oligo-760	5' Oregon Green 488 + 3' BHQ 1	0.2 µmole	HPLC	40	2	43,800
EGI-Oligo-761	5' TET + 3' BHQ 1	50 nmole	HPLC	40	1	16,700
EGI-Oligo-762	5' TET + 3' BHQ 1	0.2 µmole	HPLC	40	2	24,700
EGI-Oligo-763	5' Cy3 + 3' BHQ 2	50 nmole	HPLC	40	1	18,200
EGI-Oligo-764	5' Cy3 + 3' BHQ 2	0.2 µmole	HPLC	40	2	26,200
EGI-Oligo-765	5' Cy3.5 + 3' BHQ 2	0.2 µmole	HPLC	40	2	32,800
EGI-Oligo-766	5' Cy5 + 3' BHQ 2	50 nmole	HPLC	40	1	18,200
EGI-Oligo-767	5' Cy5 + 3' BHQ 2	0.2 µmole	HPLC	40	2	26,200
EGI-Oligo-768	5' Cy5.5 + 3' BHQ 2	0.2 µmole	HPLC	40	2	29,200
EGI-Oligo-769	5' HEX + 3' BHQ 2	50 nmole	HPLC	40	1	16,800
EGI-Oligo-770	5' HEX + 3' BHQ 2	0.2 µmole	HPLC	40	2	24,800
EGI-Oligo-771	5' ROX + 3' BHQ 2	0.2 µmole	HPLC	40	2	25,600
EGI-Oligo-772	5' TAMRA + 3' BHQ 2	50 nmole	HPLC	40	1	21,900
EGI-Oligo-773	5' TAMRA + 3' BHQ 2	0.2 µmole	HPLC	40	2	29,900
EGI-Oligo-774	5' Texas Red + 3' BHQ 2	0.2 µmole	HPLC	40	2	25,600
EGI-Oligo-775	5' 6-FAM + 3' TAMRA	50 nmole	HPLC	40	1	25,200
EGI-Oligo-776	5' 6-FAM + 3' TAMRA	0.2 µmole	HPLC	40	2	33,200
EGI-Oligo-777	5' HEX + 3' TAMRA	50 nmole	HPLC	40	1	17,502
EGI-Oligo-778	5' HEX + 3' TAMRA	0.2 µmole	HPLC	40	2	25,502
EGI-Oligo-779	5' TET + 3' TAMRA	50 nmole	HPLC	40	1	17,500
EGI-Oligo-780	5' TET + 3' TAMRA	0.2 µmole	HPLC	40	2	25,500

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## Molecular Beacons

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-781	5' 6-FAM + 3' Dabcyl	50 nmole	HPLC	40	1	18,300
EGI-Oligo-782	5' 6-FAM + 3' Dabcyl	0.2 μmole	HPLC	40	2	26,300
EGI-Oligo-783	5' Cy3 + 3' Dabcyl	50 nmole	HPLC	40	1	19,600
EGI-Oligo-784	5' Cy3 + 3' Dabcyl	0.2 μmole	HPLC	40	2	27,600
EGI-Oligo-785	5' Cy5 + 3' BHQ 2	50 nmole	HPLC	40	1	20,400
EGI-Oligo-786	5' Cy5 + 3' BHQ 2	0.2 μmole	HPLC	40	2	28,400
EGI-Oligo-787	5' HEX + 3' Dabcyl	50 nmole	HPLC	40	1	18,300
EGI-Oligo-788	5' HEX + 3' Dabcyl	0.2 μmole	HPLC	40	2	26,300
EGI-Oligo-789	5' ROX + 3' BHQ 2	50 nmole	HPLC	40	1	20,200
EGI-Oligo-790	5' ROX + 3' BHQ 2	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-791	5' TAMRA + 3' BHQ 2	50 nmole	HPLC	40	1	20,200
EGI-Oligo-792	5' TAMRA + 3' BHQ 2	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-793	5' TET + 3' Dabcyl	50 nmole	HPLC	40	1	18,200
EGI-Oligo-794	5' TET + 3' Dabcyl	0.2 μmole	HPLC	40	2	26,200
EGI-Oligo-795	5' ATTO550 + 3' Dabcyl	50 nmole	HPLC	40	1	20,200
EGI-Oligo-796	5' ATTO550 + 3' Dabcyl	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-797	5' Cy3 + 3' BHQ 2	50 nmole	HPLC	40	1	20,200
EGI-Oligo-798	5' Cy3 + 3' BHQ 2	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-799	5' Cy5 + 3' BBQ650	50 nmole	HPLC	40	1	20,200
EGI-Oligo-800	5' Cy5 + 3' BBQ650	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-801	5' FAM + 3' BHQ 1	50 nmole	HPLC	40	1	20,200
EGI-Oligo-802	5' FAM + 3' BHQ 1	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-803	5' FAM + 3' Eclipse	50 nmole	HPLC	40	1	20,200
EGI-Oligo-804	5' FAM + 3' Eclipse	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-805	5' FAM + 3' TAMRA	50 nmole	HPLC	40	1	20,200
EGI-Oligo-806	5' FAM + 3' TAMRA	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-807	5' HEX + 3' BHQ 1	50 nmole	HPLC	40	1	20,200
EGI-Oligo-808	5' HEX + 3' BHQ 1	0.2 μmole	HPLC	40	2	28,200
EGI-Oligo-809	5' JOE + 3' TAMRA	50 nmole	HPLC	40	1	20,200
EGI-Oligo-810	5' JOE + 3' TAMRA	0.2 μmole	HPLC	40	2	28,200

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## MGB PROBES

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-811	FAM-MGB Eclipse Quencher [MGBEQ]	5 nmole	HPLC	15-29	1	30,600
EGI-Oligo-812	FAM-MGB Eclipse Quencher [MGBEQ]	20 nmole	HPLC	15-29	2	42,700
EGI-Oligo-813	FAM-MGB Eclipse Quencher [MGBEQ]	40 nmole	HPLC	15-29	3	54,800
EGI-Oligo-814	HEX-MGB Eclipse Quencher [MGBEQ]	5 nmole	HPLC	15-29	1	30,600
EGI-Oligo-815	HEX-MGB Eclipse Quencher [MGBEQ]	20 nmole	HPLC	15-29	2	42,800
EGI-Oligo-816	HEX-MGB Eclipse Quencher [MGBEQ]	40 nmole	HPLC	15-29	3	54,800
EGI-Oligo-817	Cyanine5-MGB Eclipse Quencher [MGBEQ]	5 nmole	HPLC	15-29	1	30,600
EGI-Oligo-818	Cyanine5-MGB Eclipse Quencher [MGBEQ]	20 nmole	HPLC	15-29	2	42,700
EGI-Oligo-819	Cyanine5-MGB Eclipse Quencher [MGBEQ]	40 nmole	HPLC	15-29	3	54,800
EGI-Oligo-820	Yakima Yellow-MGB Eclipse Quencher [MGBEQ]	5 nmole	HPLC	15-29	1	30,600
EGI-Oligo-821	Yakima Yellow-MGB Eclipse Quencher [MGBEQ]	20 nmole	HPLC	15-29	2	42,700
EGI-Oligo-822	Yakima Yellow-MGB Eclipse Quencher [MGBEQ]	40 nmole	HPLC	15-29	3	54,800

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

\*For GST Exemption customers should provide DSIR Certificate and Essential Certificate.

## RAPD KITS

EGI Cat No.	Modification	No of Oligos per Kit	Yield [nmol] <sup>1</sup>	Yield [OD] <sup>1</sup>	Price per Kit [₹]	Price per Oligo [₹]
EGI-Oligo-823	RAPD Kit	20	20	4	13,200	-
EGI-Oligo-824	RAPD Kit Oligo	-	-	-	-	900

### Delivery lyophilised

- » RAPD® 10mer Kits contain 10mer primers specifically developed for random amplified polymorphic DNA (RAPD) analysis
- » Complete kits or single 10mer primers can be ordered.
- » RAPD 10mers are shipped 2 days after order receipt.

## EXTREMERs

**EXTREMERs are suitable for use in several molecular and synthetic biology applications that require long Oligos with high sequence accuracy.**

- » Sequence length from 60 - 200 bases
- » Final amount of 4 nmol
- » EXTREMERs are delivered salt free

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-825	EXTREMERs		Salt free	60-200	1	80 per base

<sup>1</sup> Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

\*For GST Exemption customers should provide DSIR Certificate and Essential Certificate.

## NGS grade Oligos

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-826	NGS Oligos	10 nmole	HPLC	5-120	1	2,200
EGI-Oligo-827	NGS Oligos	50 nmole	HPLC	5-120	3	4,800
EGI-Oligo-828	NGS Oligos	200 nmole	HPLC	5-120	5	6,700
EGI-Oligo-829	NGS Oligos	1.0 μmole	HPLC	5-120	15	12,200

### Specifications

- » Guaranteed purity of > 80% by HPLC purification
- » Specific cross-contamination free processes after synthesis
- » Stringent quality criteria checked by MALDI-TOF MS or CGE\*

### NGSgrade Oligos can be ordered:

- » as unmodified or modified DNA Oligos and PTO's
- » in various lengths from 5 - 120 bases
- » in all available scales
- » in both delivery formats: tubes or 96well plates

### Seq Primer

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-830	Seq Primer (Tubes)	10 nmole	HPLC	15-35	1	3,240
EGI-Oligo-831	Seq Primer (Plate)	10 nmole	HPLC	15-35	1	2,550

### Dual Label Probes

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-832	5' 6-FAM + 3' BHQ 1	1.0 μmole	HPLC	40	5	60000
EGI-Oligo-833	5' 6-FAM + 3' BHQ 1	1.0 μmole	HPLC	40	5	60000
EGI-Oligo-834	5' JOE + 3' BHQ 1	1.0 μmole	HPLC	40	5	63000
EGI-Oligo-835	5' Oregon Green 488 + 3' BHQ 1	1.0 μmole	HPLC	40	5	72000
EGI-Oligo-836	5' TET + 3' BHQ 1	1.0 μmole	HPLC	40	5	60000
EGI-Oligo-837	5' Cy3 + 3' BHQ 2	1.0 μmole	HPLC	40	5	60000
EGI-Oligo-838	5' Cy3.5 + 3' BHQ 2	1.0 μmole	HPLC	40	5	72000
EGI-Oligo-839	5' Cy5 + 3' BHQ 2	1.0 μmole	HPLC	40	5	60000
EGI-Oligo-840	5' Cy5.5 + 3' BHQ 2	1.0 μmole	HPLC	40	5	72000

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

\*Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

\*For GST Exemption customers should provide DSIR Certificate and Essential Certificate.



## Dual Label Probes

EGI Cat No.	Modification	Synthesis Scale	Purification	Maximum Length	Minimum Yield [OD]	Price (₹)
EGI-Oligo-841	5' HEX + 3' BHQ 2	1.0 µmole	HPLC	40	5	60000
EGI-Oligo-842	5' ROX + 3' BHQ 2	1.0 µmole	HPLC	40	5	63000
EGI-Oligo-843	5' TAMRA + 3' BHQ 2	1.0 µmole	HPLC	40	5	62000
EGI-Oligo-844	5' Texas Red + 3' BHQ 2	1.0 µmole	HPLC	40	5	72000
EGI-Oligo-845	5' 6-FAM + 3' TAMRA	1.0 µmole	HPLC	40	5	48000
EGI-Oligo-846	5' HEX + 3' TAMRA	1.0 µmole	HPLC	40	5	48000
EGI-Oligo-847	5' TET + 3' TAMRA	1.0 µmole	HPLC	40	5	48000

## miRNA Primer Set

**MicroRNA are small but Biologically important RNA Molecules uses in various application of detection of miRNA for biological and functional analysis.**

miRNA primers for qPCR application and each miRNA-specific primers set come with Universal reverse primers and adaptor primers. These PCR primers target mature miRNA

### Specifications:

- » Guaranteed Yield: minimum 10D/5nmole
- » Application: minimum 400 reaction (10pmol per reaction)
- » Purification: HPLC
- » Shipping Detail: Lypholyzed form
- » QC: 100% tested with MALDI spectrometry

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-miRNA-848	5nmole	hsa let-7A	HPLC	Price On Request
EGI-miRNA-849	5nmole	hsa miR15-A	HPLC	Price On Request
EGI-miRNA-850	5nmole	hsa miR16	HPLC	Price On Request
EGI-miRNA-851	5nmole	hsa miR17	HPLC	Price On Request
EGI-miRNA-852	5nmole	hsa miR20A	HPLC	Price On Request
EGI-miRNA-853	5nmole	hsa miR21	HPLC	Price On Request
EGI-miRNA-854	5nmole	hsa miR24	HPLC	Price On Request
EGI-miRNA-855	5nmole	hsa miR26A	HPLC	Price On Request
EGI-miRNA-856	5nmole	hsa miR29A	HPLC	Price On Request
EGI-miRNA-857	5nmole	hsa miR33A	HPLC	Price On Request
EGI-miRNA-858	5nmole	hsa miR33b	HPLC	Price On Request
EGI-miRNA-859	5nmole	hsa miR103	HPLC	Price On Request
EGI-miRNA-860	5nmole	hsa miR144	HPLC	Price On Request
EGI-miRNA-861	5nmole	hsa miR374A	HPLC	Price On Request

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

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## miRNA Primer Set

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-miRNA-862	5nmole	Custom hsa (human) miRNA	HPLC	Price On Request
EGI-miRNA-863	5nmole	Custom mmu (mouse) miRNA	HPLC	Price On Request
EGI-miRNA-864	5nmole	Custom rno (Rat) miRNA	HPLC	Price On Request
EGI-miRNA-865	5nmole	Custom plant miRNA	HPLC	Price On Request

Note: Custom miRNA can be designed synthesize based on request.

## Spike control miRNA Primer set

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-miRNA-866	5nmole	EGI-miRNA Cel miR39	HPLC	Price On Request
EGI-miRNA-867	5nmole	EGI-miRNA Cel miR54	HPLC	Price On Request
EGI-miRNA-868	5nmole	EGI-miRNA Cel miR238	HPLC	Price On Request

## e control miRNA Mature RNA

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-miRNA-869	5nmole	Cel miR39	HPLC	Price On Request
EGI-miRNA-870	5nmole	Cel miR54	HPLC	Price On Request
EGI-miRNA-871	5nmole	Cel miR238	HPLC	Price On Request

Random Hexamer are short oligodeoxyribonucleotides of random sequence d(N)<sub>6</sub>, that anneal to random complementary site on a target to serve for cDNA synthesis.

## Specifications:

- » Guaranteed Yield: minimum 5nmole
- » Application: minimum 400 reaction (200nM per reaction)
- » Shipping Detail: Lyophilized form

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-miRNA-872	5nmole	Random Hexmer (RH6) Primer	HPLC	Price On Request

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

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## Anchored Oligo dT Primer

Anchored Oligo d(T) with variable mix bases anchored to the 5'-end of the poly(A) tail of mRNA tail and prevent priming within the poly tail and recommended to use in cDNA synthesis and RT PCR

### Specifications:

- » Guaranteed Yield: minimum 5nmole
- » Application: minimum 400 reaction (200nM per reaction)
- » Shipping Detail: Lypholyzed form
- » Primer Length: 22
- » Primer Sequence: 5'dPO4(T20)VN)3'

EGI Cat No.	Yield	Application	Purification	Price (₹)
EGI-RH6-873	5nmole	Anchored Oligo dT(18) NN Primer	HPLC	Price On Request
EGI-RH6-874	5nmole	Anchored Oligo dT(20) NN Primer	HPLC	Price On Request

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

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EGI Cat No.	Part No.	Microorganisms	Set of Validated Markers	List Price	Price (₹)
EGI_DS_001	DiversitySure 01	Bacteria	BacSure Std	6,000	Set of 4 HPLC Primers
			BacSure Short		
			ITS1-2Sure		
			ITS1-4Sure		
			26S-Sure		
			18S-NS1Sure		
			18S-LRSure		
EGI_DS_002	DiversitySure 02	Fungus and Yeast		14000	Set of 10 HPLC Primers
EGI_DS_003	DiversitySure 03	Cyanobacter	CyanoBacSure	5000	Set of 2 HPLC Primers
EGI_DS_004	DiversitySure 04	Actinomyces	ActinomySure	5000	Set of 2 HPLC Primers
EGI_DS_005	DiversitySure 05	DiversitySure Kit	All	25000	Set of 18 HPLC Primers

## Re-suspension of DiversitySure Oligo Kit:

- » Spin down the tube before opening. The oligonucleotide pellet may become lodged in the lid; spinning is important to ensure it does not fall out when the lid is opened.
- » Add 100 ul of nuclease free water, pH 7 to each vial to obtain 100 pmol/ µl concentration.
- » Vortex briefly for 45 sec for 3 times.
- » Store the re-suspended oligos at -20 °C.

## Product Use Limitations, Warranty Disclaimer

Eurofins Genomics India manufactures products for the intended research use. The kit contains set of 9 DNA oligonucleotide (described from page 1-9) produced as a GMP product and is warranted to meet or exceed the stated specifications when used for the specified application. Repeated freeze- thaw should be avoided and re-suspended oligo to be stored at specified condition.

Eurofins Genomics sole obligation and the customer's sole remedy is limited to replacement of products free of charge in the event products fail to perform as warranted, provided the specified conditions are followed.

\*Modification (Price in rupees includes base and HPLC charges).

\*Taxes extra as applicable.

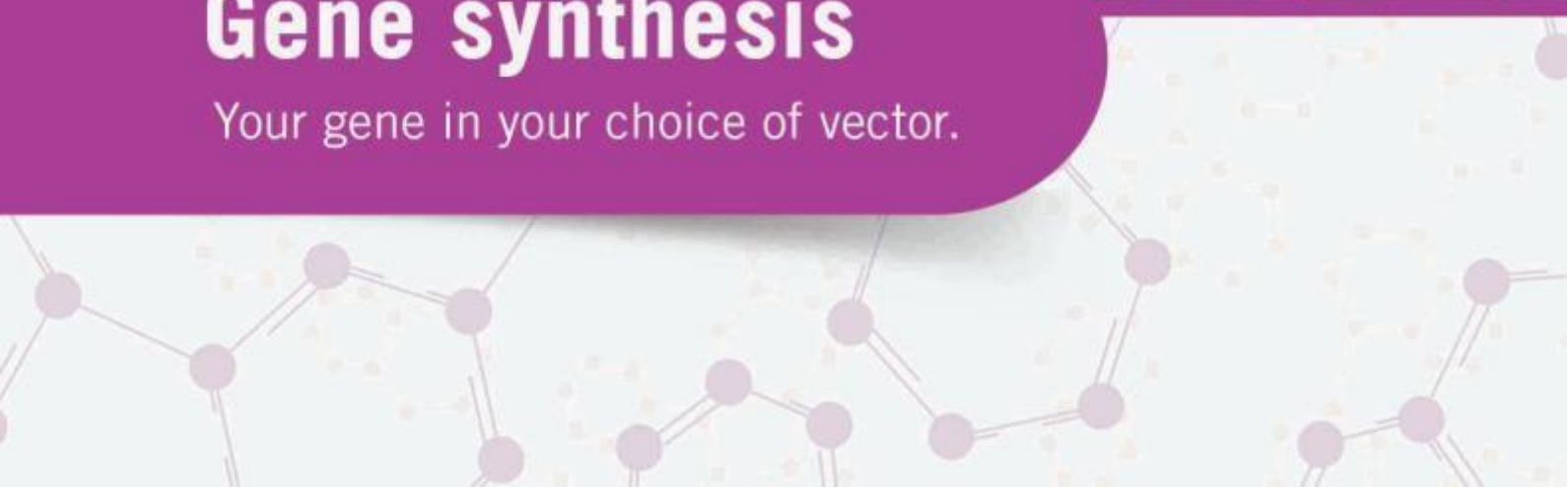
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# Gene synthesis

Your gene in your choice of vector.



Fluorescent Dye	Abs	Em	Ext. Coeff.	MW	Labeling Pos.			Purification Option			Alternative to
					5'	Int	3'	HPSF®	HPLC	HYPUR®	
Alexa Fluor 350	346	442	19,000	409.35	x	x	x		x		AMCA
Dy-415	418	467	34,000	552.00	x	x	x		x		Coumarin (DEAC)
ATTO 425	436	484	45,000	499.00	x	x	x		x		Alexa Fluor 425
ATTO 465	453	508	75,000	393.00	x	x	x		x		LC 480 Cyan 500
Bodipy FL	504	510	70,000	391.30	x	x	x		x		
Alexa Fluor 488	495	519	71,000	630.00	x	x	x		x		Cy2, DY-495, ATTO 495
FAM	495	520	83,000	474.50	x			x	x	x	Cy2, DY-495, ATTO 495
FITC	495	520	73,000	505.00	x	x	x		x		Cy2, DY-495, ATTO 495
Fluorescein	495	520	83,000	504.00			x		x		DY-495, ATTO 495
Fluorescein-dT	494	522	75,000	472.71		x			x		DY-495, ATTO 495
ATTO 488	501	523	90,000	687.00	x	x	x		x		Cy2
Oregon Green 488	496	524	76,000	510.00	x	x	x		x		Cy2
Oregon Green 514	506	526	85,000	609.40	x	x	x		x		Cy2
Rhodamine Green	503	528	74,000	472.00	x	x	x		x		Cy2
TET	521	536	73,000	612.30	x			x	x	x	CAL Fluor Gold 540
ATTO 520	516	538	110,000	464.00	x	x	x		x		CAL Fluor Gold 540 Rhodamine 6G
JOE	520	548	73,000	603.40	x	x	x		x		CAL Fluor Gold 540 Rhodamine 6G
Yakima Yellow	530	549	84,000	654.30	x				x		VIC CAL Fluor 560
Bodipy 530/550	534	551	77,000	514.31	x	x	x		x		VIC CAL Fluor 560
HEX	535	556	73,000	681.20	x			x	x	x	VIC CAL Fluor 560 SIMA
Alexa Fluor 555	555	565	150,000	940.00	x	x	x		x		Cy3 TRITC & TMR Alexa Fluor 546
Dy-549	553	566	150,000	916.00	x	x	x		x		Quasar 570 Dragonfly Orange
Bodipy TMR-X	544	570	56,000	610.55	x	x	x		x		Quasar 570 Dragonfly Orange
Cy3	552	570	150,000	444.60	x			x	x		Quasar 570 Dragonfly Orange TYE 563
ATTO 550	554	576	120,000	691.00	x	x	x		x		NED Cy3 Rhodamine B & 6G
TAMRA	544	576	90,000	512.58 / 612.70	x		x		x		Rhodamine 6G Rhodamine B
Rhodamine Red	560	580	129,000	770.00	x	x	x		x		Rhodamine 6G Rhodamine B
ATTO 565	563	592	120,000	608.00	x	x	x		x		PET Alexa Fluor 594
ROX	575	602	82,000	632.78	x	x	x		x		Texas Red Alexa Fluor 594
Texas Red	583	603	116,000	818.00	x	x	x		x		ROX™ Alexa Fluor 594
Cy3.5	588	604	150,000	544.70	x				x		Alexa Fluor 594 CAL Fluor Red 610
LightCycler 610	590	610	n.a.	761.48	x	x	x		x		Alexa Fluor 594 CAL Fluor Red 610
ATTO 594	601	627	120,000	903.00	x	x	x		x		Alexa Fluor 594 CAL Fluor Red 610
DY-480 XL	500	630	50,000	612.68	x	x	x		x		
DY-610	610	630	80,000	743.00	x	x	x		x		Alexa Fluor 610
ATTO 610	615	634	150,000	488.00	x	x	x		x		Alexa Fluor 610
LightCycler 640	625	640	n.a.	824.68	x	x	x		x		
Bodipy 630/650	625	640	101,000	662.60	x	x	x		x		Alexa Fluor 633
ATTO 633	629	657	130,000	649.00	x	x	x		x		LIZ Alexa Fluor 633
Alexa Fluor 647	650	665	239,000	957.00	x	x	x		x		Cy5 Quasar 670
Bodipy 650/665	650	665	101,000	645.60	x	x	x		x		Cy5 Quasar 670
ATTO 647N	644	669	150,000	743.00	x	x	x		x		Cy5 Quasar 670
Cy5	649	670	250,000	470.63	x			x	x		Quasar 670 TYE 655
DY-649	655	674	250,000	942.00	x	x	x		x		Quasar 670
LightCycler 670	645	678	215,000	470.63	x				x		
Cy5.5	675	694	250,000	570.74	x				x		Alexa Fluor 680 TYE 705
ATTO 680	680	700	125,000	623.00	x	x	x		x		Alexa Fluor 680 Alexa Fluor 700
LightCycler 705	685	705	215,000	570.74	x				x		Quasar 705 Alexa Fluor 700
DY-682	690	709	140,000	906.00	x	x	x		x		IRDye 700 Quasar 705
ATTO 700	700	719	120,000	663.00	x	x	x		x		IRDye 700 Quasar 705
ATTO 740	740	764	120,000	565.00	x	x	x		x		Cy7 Alexa Fluor 740
DY-782	782	800	170,000	932.00	x	x	x		x		IRDye 800

Abs: Absorption = Peak excitation wavelength [nm]

Em: Emission = Peak emission wavelength [nm]

 Ext. Coeff.: Molar extinction coefficient [ $M^{-1}cm^{-1}$ ]

MW: Molecular weight [g/mol] of the dye labelled on 3' and 5' end of an oligonucleotide. For internal labelling 279 g/mol for the Amino linker needs to be added.

EGI Cat No.	Modification	Price (₹ )
EGI-Gene-001	Standard Gene (up to 500 bases)	55,000
EGI-Gene-002	Standard Gene (up to 500-1500 bases)	1,08,000
EGI-Gene-003	Standard Gene (up to 1500-3000 bases)	1,62,000
EGI-Gene-004	Standard Gene (above 3000 bases)	Enquire
EGI-Gene-005	Complex Gene (up to 500 bases)	81,000
EGI-Gene-006	Complex Gene (up to 500-1500 bases)	1,35,000
EGI-Gene-007	Complex Gene (up to 1500-3000 bases)	1,89,000
EGI-Gene-008	Complex Gene (above 3000 bases)	Enquire

### Standard & Complex Gene

- » Subcloning into a vector of choice (modified vector)  
Subcloning into a comm. available unmodified vector
- » Endotoxin-free Prep
- » E.coli glycerol stock
- » Linearisation of plasmid
- » Special material (antibiotics, enzymes, etc.)
- » With moderate GC content (40 - 65%)
- » Without extensive repeats (> 20 bp) or critical hairpin structures  
Where long repeats and secondary structures can be present
- » Without extensive homopolymer stretches (> 20 bp)
- » For high and low GC contents
- »

### Quality Control

- » By double strand DNA sequencing of the cloned gene performed at our in-house sequencing facility.

### Delivery of plasmid DNA in the following scales:

- » Mini prep scale: 1-10µg plasmid DNA
- » Midi prep scale: 15-50µg plasmid DNA
- » Maxi prep scale: 100-500µg plasmid DNA
- » Mega prep scale: 500µg-2.5mg plasmid DNA
- » Giga prep scale: up to 10 mg plasmid DNA
- »
- » If you order either the mega or giga prep's, an endotoxin-free preparation procedure is available

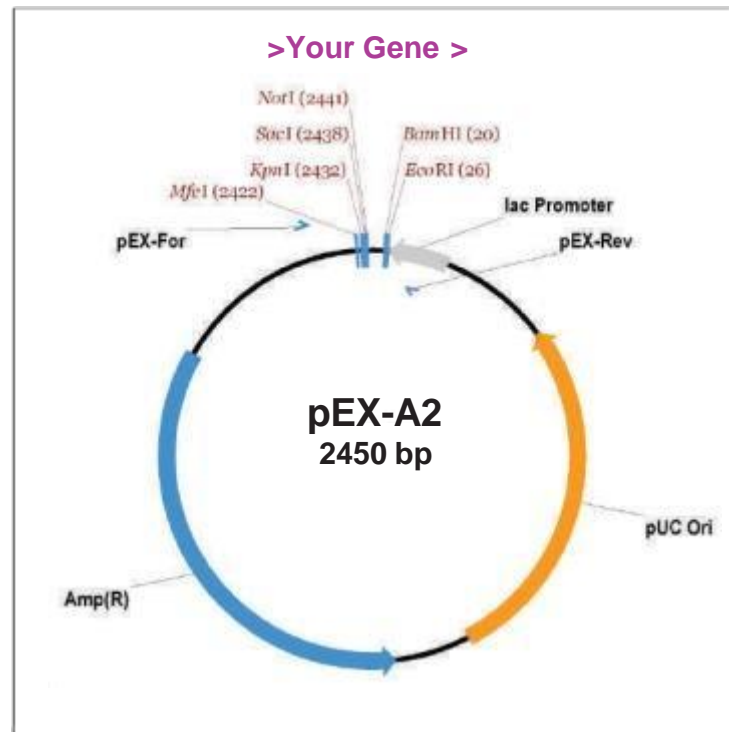
\* Modification ( Price in rupees includes base and HPLC charges).

\* Taxes extra as applicable.

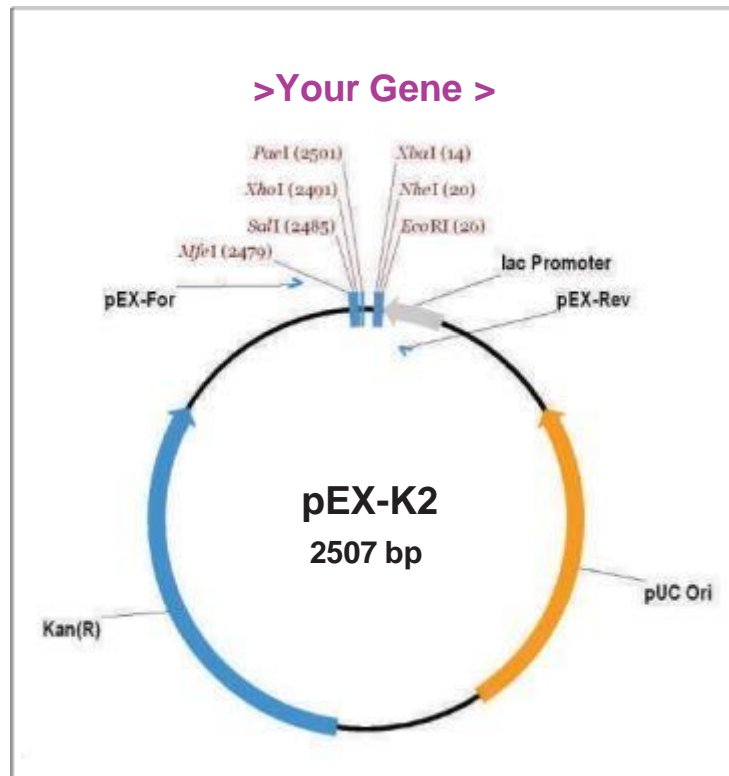
\* Eurofins Genomics India Pvt Ltd reserves the right to add or discontinue item without prior notice.

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## pEX-A2



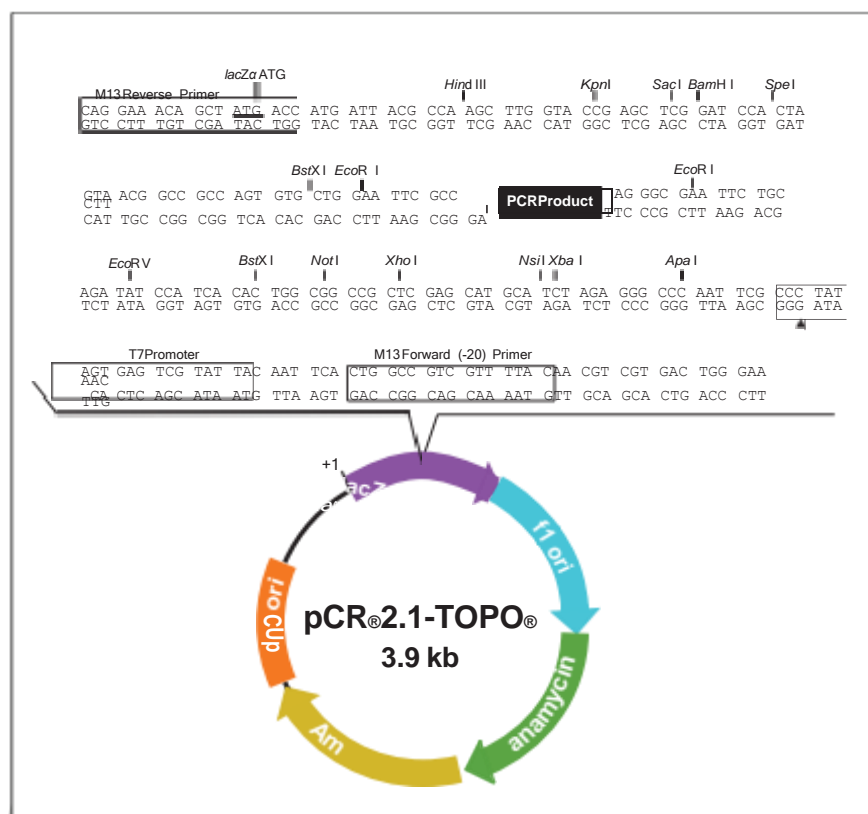
## pEX-K2



\* Modification (Price in rupees includes base and HPLC charges).  
 \* Duties and Taxes extra as applicable.  
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# PCR2.1TOPO



## Gene Fragments

EGI Cat No.	Modification	Price (₹)
EGI-Gene-009	Gene Fragment (20-2000 bases)	40 per base

## Gene Fragments - Convenient & Cost-Effective

Eurofins Genomics GeneStrands are double-stranded synthetic DNA delivered as fragments ready for cloning.

- » Gene Fragments are especially useful in applications such as gene assembly, mutagenesis studies, and DNA enzyme assays. They are also an ideal choice for sequences that exhibit high levels of toxicity in host cells.
- » GeneStrands are priced considerably lower than synthesised gene constructs making them a convenient choice in the construction of libraries and assembly of synthons.

### Specifications

- » Sequence length between 20 - 2000 bp
- » Delivered dry as a dsDNA fragment (min. 200 ng)
- » Non-complex sequences only
- » Sanger sequence report upon request
- » Free gene optimisation with our proprietary software GENEius

\* Modification (Price in rupees includes base and HPLC charges).  
 \* Duties and Taxes extra as applicable.  
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# Terms and Conditions

1. General Provisions. In these General Terms and Conditions (the "Conditions"), "Eurofins Genomics India Private Limited", "we," "us," and "our" means Eurofins Genomics India Private Limited (also referred to as "Eurofins") or our affiliate that is processing this order or purchase of goods, and "Customer" "you" and "your" means the person, company or other legal entity that orders or buys goods or services (the "Goods or Services") from us, and in each case their respective successors and/or assigns. We are shipping these goods subject to these Conditions. You will be deemed to have assented to these Conditions unless you return the goods to us within fifteen (15) days after your receipt of the goods. Our failure to object to provisions contained in any purchase order or other form or document from you shall not be construed as a waiver of these Conditions nor an acceptance of any such provision. These Conditions, including all writings incorporated herein by reference, any quotation issued to you by us, and those specific terms of a purchase order or other document that are either consistent with these Conditions or expressly agreed upon by us in writing, constitute the entire contract between us (the "Contract"), and supersede all prior agreements and understandings between us, whether written or oral, relating to the subject matter hereof. In the event of a conflict, a quotation takes precedence over these Conditions, and a written contract signed by both you and us takes precedence over either. If one or more of these Conditions are held to be invalid, illegal, or unenforceable by a court of competent jurisdiction, the remaining Conditions shall be unimpaired.
2. Pricing and Acceptance. Unless otherwise specified in writing, goods will be billed at the price in effect at the time shipment is made, and such prices shall be subject to change from time to time without notice. All prices are subject to change without prior notice except where otherwise specifically provided in a written quotation/contract signed by an authorized Eurofins executive. All orders from Customer are offers by Customer and may be accepted by Eurofins, at Eurofins's option, either by sending an order acknowledging acceptance, or by delivering the Goods or Services to Customer.
3. Taxes and Other Charges. Any use tax, sales tax, excise tax, duty, inspection or testing fee, or any other tax, fee or charge imposed by any governmental authority, on or measured by the transaction between you and us shall be paid by you in addition to the prices quoted or invoiced. If we are required to pay any such tax, fee or charge, you shall reimburse us therefore or provide us at the time the order is submitted an exemption certificate or other document acceptable to the authority imposing the tax, fee or charge.
4. Delivery. Unless specified differently in writing, all sales are F.O.B. shipping point. We reserve the right to make delivery in instalments, all such instalments to be separately invoiced and paid for when due per invoice. Title and risk of loss or damage to the Goods and any deliverables of the Services shall pass to Customer upon Eurofins's making delivery to a carrier at such facility in good condition, consigned to Customer, or as Customer may direct. Representations as to delivery dates are approximate only. Partial delivery or performance of Goods or Services under this Agreement shall be permitted unless the parties expressly agree that partial delivery will not be accepted. . — This point can be removed for Invoice as it is relevant only for quotation.
5. Inspection and Returns. Upon your receipt of goods shipped hereunder, you shall inspect the goods and notify our customer services department of any claims for shortages, defects or damages. If you fail to so notify us within three (3) days after you receive the goods, the goods shall conclusively be deemed to conform to these Conditions and to have been irrevocably accepted by you. Authorization for all product returns must be approved by our customer services department prior to the return of goods. A restocking charge of twenty-five (25%) or Rupees 500 (Rs.500) (whichever is greater) shall be charged on returns that are not the result of any error or fault of ours. Shipping charges will not be credited. Goods may not be returned for credit after twenty (20) days after your receipt of the goods.
6. Credits and Refunds. At our discretion, we may issue a product credit or refund for the Basic Value of the product. No credit/refund will be provided for duties & taxes. No product credit shall be available for use if a past due balance is outstanding on the account. Any product credit not used within six (3) months of the date of its issue shall expire.
7. Payment Terms. Terms of sale are net thirty (30) days from the date of invoice in Indian Rupees. If you default in making any payment to us when due, we, at our option and without prejudice to our other lawful remedies, may defer delivery or cancel the Contract. If you provide a purchase order number, credit card number or credit card expiration date which proves to be erroneous or invalid, you agree to immediately pay the invoice(s) upon receipt of a "proof of delivery (POD)" and/or a "proof of shipment" signed and executed bill of lading/airway bill from us. Eurofins reserves the right to assess a late fee equal to one and one-half percent (1.5%) per month or, if lower, the maximum amount permitted by applicable law, on all amounts not paid when due, calculated on a daily basis beginning with the first day following the invoice due date. Any cheque or remittance received from or for the account of Customer may be accepted and applied by Eurofins against any indebtedness owing by Customer, without prejudice to, or the discharge of, the remainder of any such indebtedness regardless of any condition, provision, statement, legend or notation appearing on, referring to or accompanying any check or remittance. At any time, when in Eurofins's opinion the financial condition of Customer so warrants, or if Customer fails to make payment when due or otherwise defaults hereunder, Eurofins may change any terms of payment, suspend any credit previously extended to Customer, require partial or full payment in advance and delay shipment until such terms are met, and pursue any other remedies available at law. In such event, if Customer refuses to accept such changes, any outstanding order may be cancelled without any liability to Eurofins. In the event of bankruptcy or insolvency of Customer or in the event any proceeding is brought by or against Customer under any bankruptcy or insolvency laws or their equivalent, Eurofins may cancel any order then outstanding without liability to Customer.
8. Intellectual Property Rights. The Goods and the method of making thereof may be protected by patent, copyright, trade secret, and other intellectual property rights. No intellectual property rights are granted to you through your purchase of the Goods or Services. If any claim is made against us for infringement of Intellectual Property rights of any third party as a result of (i) the manufacture or sale of Goods based upon instructions, specifications, or other directions provided by you or (ii) your use or resale of goods purchased from us, you shall indemnify us, defend us and hold us harmless from and against any and all losses, damages and expenses (including reasonable attorneys' fees and other costs of defending any action) that we may incur as a result thereof. You shall fully cooperate with us in any investigation relating to any such claims and make available to us all related statements, reports and tests available to you.

9. Authorized Uses. Except as otherwise agreed in writing by our authorized representative, the purchase of Goods only conveys to you the non-transferable right for only you to use the quantity of goods and components of goods purchased in compliance with the applicable intended use statement, limited use statement or limited label license, if any, in our catalogues or on the label or other documentation accompanying the Goods (all such statements or licenses being incorporated herein by reference as if set forth herein in their entirety). Unless otherwise authorized, no right to resell the goods, or any portion of them, is conveyed hereunder.

Unless otherwise expressly indicated in our catalogues or on the label or other documentation accompanying the goods, the goods are intended for research use only and are not to be used for any other purposes including, but not limited to, unauthorized commercial purposes, in vitro diagnostic purposes, ex vivo or in vivo therapeutic purposes, investigational use, in foods, drugs, devices or cosmetics of any kind, or for consumption by or use in connection with or administration or application to humans or animals. You acknowledge that the goods have not been tested by or for us for safety or efficacy, unless expressly stated in our catalogues or on the label or other documentation accompanying the goods. Without limiting the foregoing restrictions, you warrant to us that should you use or sell the goods for any use other than research, you shall conduct all necessary tests, comply with all applicable regulatory requirements, issue all appropriate warnings and information to subsequent purchasers and/or users and be responsible for obtaining any required Intellectual Property rights.

You represent and warrant to us that: you will properly test, use, and, to the extent authorized, manufacture and market any goods purchased from us and any final articles made from them in accordance with the practices of a reasonable person who is an expert in the field, including, but not limited to, a technically qualified individual, and in strict compliance with all applicable national, state, provincial, and local food, drug, device, and cosmetic and other relevant laws and regulations, now and hereinafter enacted; and any final articles manufactured from the goods shall not be adulterated or misbranded within the meaning of the Indian Food & Drug Administration Act or the Biotechnology Act.

You realize that, because our goods are intended primarily for research purposes. You also agree and warrant that you will use or sell (if otherwise so authorized) the R&D substance exclusively for R&D purposes or specified exempt commercial purposes. You specifically agree and warrant that you will not sell or distribute the R&D substance to consumers.

10. Export Control Laws. You acknowledge that the Goods received from us are subject to India export control laws and regulations. You represent and warrant to us that you will not, directly, or indirectly, (1) sell, export, re-export, transfer, divert, or otherwise dispose of any Goods received from us to any destination, entity, or person prohibited by the laws or regulations of the India, or (2) use the product for any use prohibited by the laws or regulations of the United States and/or your local jurisdiction, without obtaining prior authorization from the competent government authorities as required by those laws and regulations.

11. Indemnity. You shall, at your own expense, indemnify us, defend us and hold us harmless from and against any and all losses, damages and expenses (including reasonable attorneys' fees and other costs of defending any action) that we may incur as a result of any claim of negligence, breach of implied warranty, strict liability in tort, or other theory of law, by you, your officers, agents or employees, your successors and assigns, and your customers, whether direct or indirect, in connection with the use or resale of any Goods sold pursuant hereto either as a standalone product or a component part or raw material of another product, or by reason of your breach of or failure to perform any of your obligations hereunder. You shall notify us promptly of any incident involving goods sold pursuant hereto resulting in personal injury or damage to property, and you shall fully cooperate with us in the investigation of such incident and provide us with all related statements, reports and tests available to you.

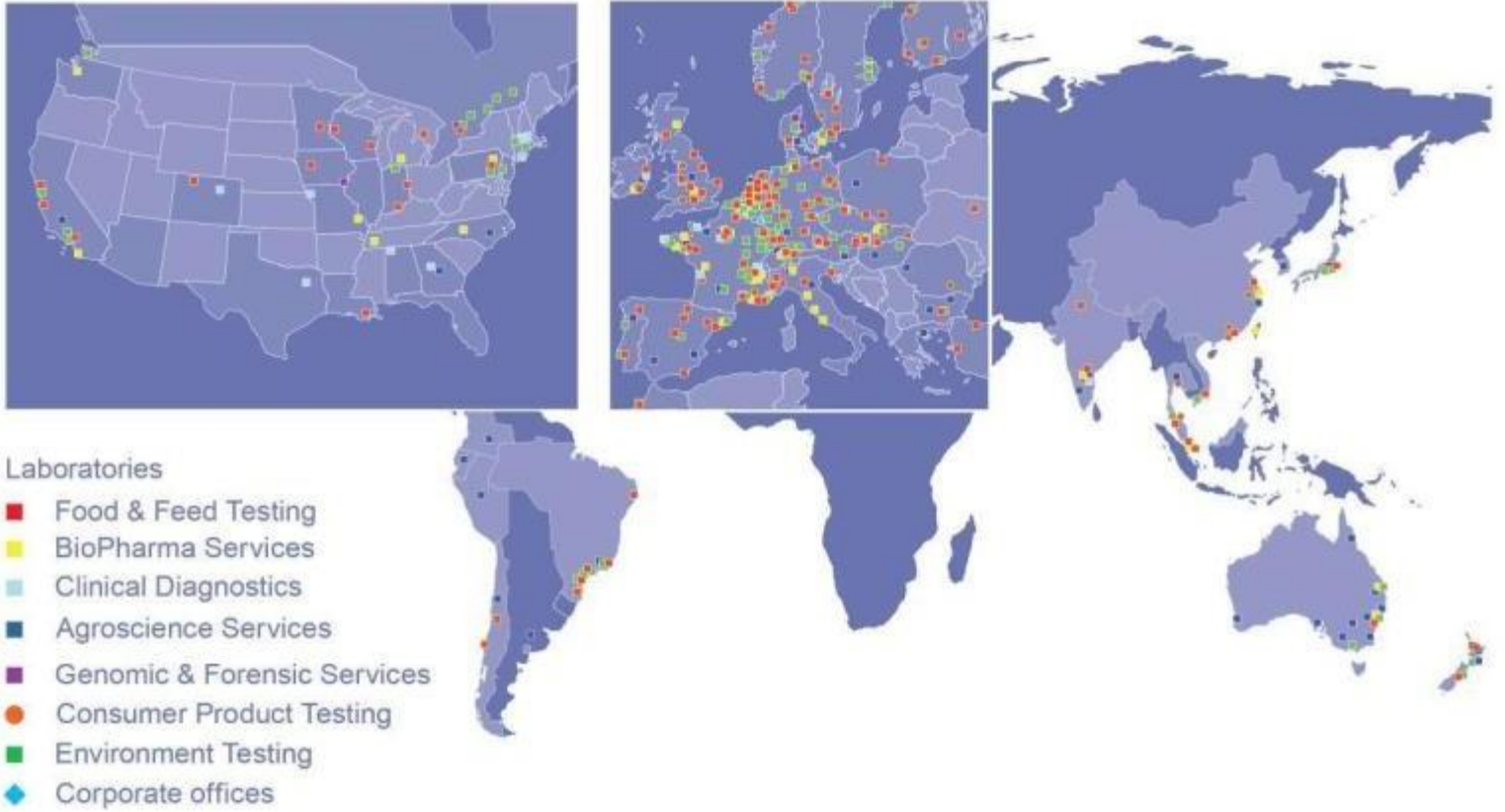
12. Limitation of Liability. In no event, shall Eurofins, its subcontractors or its vendors be liable in contract, tort, strict liability, warranty or otherwise, for any special indirect, incidental or consequential damages, such as but not limited to, loss of anticipated profits or revenue, loss of use of system, nonoperation or increased cost of operation or other equipment or cost of capital. The liability of Eurofins, its subcontractors or vendors, with respect to any contract, or anything done in connection therewith, or from the manufacture, sale, delivery, replacement or use of any products covered by or furnished under this contract, whether in contract, in tort, in warranty, in strict liability or otherwise, shall not exceed the purchase price paid on the Contract. No action arising out of any claimed breach of this agreement or transactions under this agreement may be brought by Buyer more than 3 months after the cause of action has accrued.

13. No Warranty. YOU ASSUME FULL RESPONSIBILITY AND RISK FOR USE OF THE GOODS AND SERVICES AND ARE SOLELY RESPONSIBLE FOR THE USE THEREOF. WE MAKE NO EXPRESS WARRANTIES AND WAIVE ALL IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE REGARDING THE GOODS AND SERVICES.

14. Miscellaneous: The Contract shall be governed by and construed in accordance with the laws of the State of Karnataka, India, without giving effect to the principles of conflicts of laws. The same will be subject to Bangalore jurisdiction. Our exercise of any option, or failure to exercise any rights hereunder shall not constitute a waiver of our rights to damages for breach of contract and shall not constitute a waiver of any subsequent failure, delay, or breach by you. We may assign our rights and/or obligations under the Contract to any person in whole or in part.

15. Jurisdiction: Any disputes arising, in future, relating to this accepted order and invoice will be referred to the Bangalore Jurisdiction only.

# Eurofins Worldclass Laboratories Across the World



## Eurofins Genomics India Pvt. Ltd.

#540/1, Doddanakundi Industrial Area 2, Hoodi, Whitefield, Bangalore 560048, Karnataka, India

+91 80 67223200  
bdegi@eurofins.com  
www.eurofinsgenomics.co.in

