



# ATGC Services List



### Sanger Sequencing

- Single Pass DNA Sequencing
- Ready-to-Load Sequencing (We accept BDT V.3.1)
- Ready-to-Load Sequencing with clean-up (We accept BDT V.3.1)
- Difficult Template Sequencing (70% GC-rich/ 70% AT-rich/ 70% GT-rich/ repetitive sequence)

### Fragment Analysis

- With Spectral Optimization
- Without Spectral Optimization (Customers pre-determine final DF)
- Without Spectral Optimization (Your pre-dilute samples and ATGC loads 1 ul)
- Ready-to-Load

### Sample Quantification

**FREE**

- Gel Electrophoresis / Optical density (OD) measurement (Free)

### Allele-specific Genotyping Service

- Customer provides gDNA at 50 ng/ul

### PCR amplification

- ATGC Optimizes PCR Condition
- Uses the condition of customer as attached file for proceeding

### DNA Barcoding

- PCR amplification
- Clean-up
- DNA Sequencing
- Analysis Report

### Primer Design & Synthesis

- Single Primer
- Forward and Reverse Primers
- Custom Oligos Synthesis

### Data Analysis

- Data Alignment
- Blast
- Phylogenetic Trees

### Sample Purification

- PCR Clean-up
- Gel Extraction

### cDNA Synthesis

- Customer provides RNA template (Total RNA)

**Contact Us for Orders/Enquiries**

