

OUR SERVICES

We offer epigenetic-based test services for research use using RNA-Sequencing coupled with in-house analytics and our proprietary Alternate Promoter Score (APS) platform to suit your research needs.

APS: Test assay that stratifies Immunotherapy (IO) responders

APS is a promising biomarker that correlates with response to immunotherapeutic agents, such as Immune Checkpoint Inhibitors (ICI). Recent studies have identified an association between alternate promoter utilization and response to immunotherapy. If you have clinical data that you would like to profile in a single or multiple cohorts, we will be able to evaluate on the APS platform and perform data analysis to fit your needs.



Key Features

- Sample submission to data analysis
- RNA Sequencing (Whole Transcriptome Sequencing)
- Epigenomic alterations analysis includes;
 - APS score
 - Alternate Promoter analysis
- Gene expression profiling
- Test performed at research facility
- PDF report and processed data (.xls and .csv)
- Turn-Around-Time (TAT): 6-8 weeks from receipt of sample

Service Package

Classic Service Package for EPI-CALL™ include sample standardization, library construction, Next-Generation RNA sequencing, raw data alignment, down-stream bioinformatics processing and basic statistical analysis.

Additional Services

We offer additional bioinformatics solution to fulfil your needs and help make sense of your overwhelming data sets by turning them into manageable and interpretable figures and data sets. .

- Perform identification of cell states and cellular communities (ecotypes) from bulk, single-cell RNA-Seq and spatially-resolved gene expression data

Key Publications

1. Muratani et al., 2014 *Nature Communications*
2. Qamra et al., 2017 *Cancer Discovery*
3. Sundar et al., 2019 *Annals of Oncology*
4. Demircioglu et al., 2019 *Cell*

Technical Specifications

- Sample input: FFPE block or 10 FFPE surgical slides. 10 Needle biopsy slides (4-6 cores) and extracted RNA are also acceptable.
- Number of Genes: 22,000 genes
- Average read count: 50 million reads

ABOUT US

Auristone is an Asian-based epigenomic profiling company with data analytics capabilities and is dedicated to developing innovative research solutions to accelerate epigenomic clinical research.

 **AURISTONE PTE. LTD.**
73 Ayer Rajah Crescent #02-19
S(139952)

 www.auristone.com
 enquiry@auristone.com