

## 1. Company Overview

# Asia Pathogenomics Japan

Infectious Pathogen Testing  
Based on Next-generation Whole Genome Sequencing  
Technology



### Business Characteristics

**Quick identification of even rare pathogens, contributing to rapid diagnoses in clinical settings**



#### 1. TFDA-certified mNGS platform capable of detecting tens of thousands of pathogen types in a single test

- With mNGS technology certified by the TFDA, it can detect more than 27,000 types of pathogens in a single test



#### 2. Rapid diagnosis and precision medical support for overcoming unknown infectious diseases

- Capable of detecting unknown pathogens without setting targets, providing diagnostic reports within 24 to 48 hours



### Matching Needs

#### Ideal profile of Tokyo companies

- Partners interested in the technology with regulatory experience in infectious disease testing
- Sales partners
- Investors interested in our technology

#### Objective

**Expansion of sales channels in Japan, support for regulatory approval, and building partnerships with local medical and testing companies for clinical applications and market development**

Using mNGS technology, it is possible to detect over 27,000 types of pathogens in a single test, contributing to a reduction in government healthcare costs and the improvement of patient survival rates.

### Business Overview (Services/Products)

- APGSEQ® is based on metagenomic next-generation sequencing (mNGS) technology. It is capable of detecting over 27,000 types of pathogens, including bacteria, fungi, viruses, and parasites, within 24 to 48 hours, achieving a detection rate 62% higher than standard methods. The patented analysis system and genome database enable quicker and more accurate clinical decisions.

① Detects tens of thousands of pathogen types at one time

② Improves the pathogen detection rate by 62%

③ Test reports within 48 hours

④ The first and only clinical mNGS testing service in Taiwan to obtain a TFDA certification

⑤ Pathogen analysis system and pathogen genome database patented in Taiwan



### mNGS検出技術の使用

