

## Decoding Arboviruses with Genotypic's GTnRich Panels for Dengue & Chikungunya

### Ideal for Applications Like:

- Variant Surveillance & Strain Typing
- Outbreak Investigation & Tracking
- Vaccine Escape Mutation Monitoring
- Regional Transmission Studies
- Public Health Genomics



### Contact Us:

Request a quote for your specific research needs

✉ [gtproducts@genotypic.co.in](mailto:gtproducts@genotypic.co.in)

☎ +91 63644 65657

Contact us for expert consultation & sequencing services

✉ [genomics@genotypic.co.in](mailto:genomics@genotypic.co.in)

☎ +91 99000 35743



**Genotypic Technology Pvt. Ltd.**  
#2/13, Balaji Complex, 80 ft Road, R.M.V 2nd Stage,  
Bengaluru-560094, India

[www.genotypic.co.in](http://www.genotypic.co.in)



Genotypic Technology, India's pioneering genomics company with 20+ years of domain expertise, brings you advanced GTnRich primer panels for effective detection & surveillance of Dengue & Chikungunya viruses. Traditional diagnostics often miss mutations or variant strains. Our GTnRich whole genome primers enable deep genomic insight, driving precision surveillance & smarter interventions.

### 👍 Key Features

#### Whole Genome Coverage



Amplifies the full viral genome, capturing all possible mutations & providing a comprehensive genetic profile for surveillance & research.

#### Repeat-Targeting Primers



Custom-designed to amplify tandem repeat regions, enabling multiplex amplification in a single reaction - saving time and cost.

#### Seamless Compatibility



Compatible with major sequencing platforms (Oxford Nanopore, Illumina, Ion Torrent, MGI), easily integrating into your existing lab workflows.

#### Actionable Insights



Enables monitoring of viral evolution, transmission, virulence markers and resistance mutations - key for outbreak response.

### Our service offerings include:

- WGS, Host pathogen interaction studies and more

### Our WGS panels are optimized for the following viruses:

- Adenovirus
- Measles
- Monkeypox
- Norovirus
- Rabies, HIV
- Kyasanur Forest Disease Virus (KFDV)
- Human Papillomavirus (HPV)
- SARS-CoV-2
- Influenza A & B
- Rotavirus

16S rRNA & ITS Panels for profiling bacterial & fungal communities, ideal for microbiome & environmental studies.