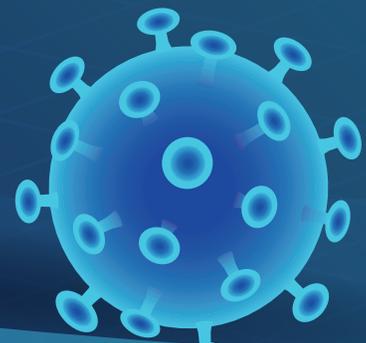


FIGHT AGAINST COVID-19

Massively Parallel Sequencing for SARS-CoV-2 Identification and Surveillance

Why Massively Parallel Sequencing (MPS)?

- Identify co-infection and secondary infection
- Provide first-hand information without prior microorganisms information
- Full-length genome information for virus source tracing and mutation monitoring



MGI MPS Package

Multiplex PCR-based MPS

ATOPlex RNA Library Prep Set (MGI, Cat. No. 1000027431)

- Multiplex PCR-based targeted sequencing panel
- Virus identification, genome assembly and traceability
- Highly sensitive, convenient and economical

Metatranscriptomic Sequencing

MGIEasy Microorganism Rapid RNA Library Prep Set (16RXN) (MGI, Cat. No. 940-000107-00)

MGIEasy Microorganism Rapid RNA Library Prep Set (96RXN) (MGI, Cat. No. 940-000108-00)

MGIEasy rRNA Depletion Kit (MGI, Cat. No. 1000005953)

- Detect all microorganisms in one sample
- Virus identification, genome assembly and traceability
- Highly coverage, comprehensive and accurate

Automation Platform

Scale up throughput of DNA/RNA extraction and library prep



MGISP-100

MGI, Cat. No.
900-000206-00



MGISP-960

MGI, Cat. No.
900-000154-00*

*MGISP-960 has customized configurations for different application

Sequencing Platform



Medium Throughput

DNBSEQ-G50*

MGI, Cat. NO.
900-000354-00



High Throughput

DNBSEQ-G400*

MGI, Cat. NO.
900-000170-00



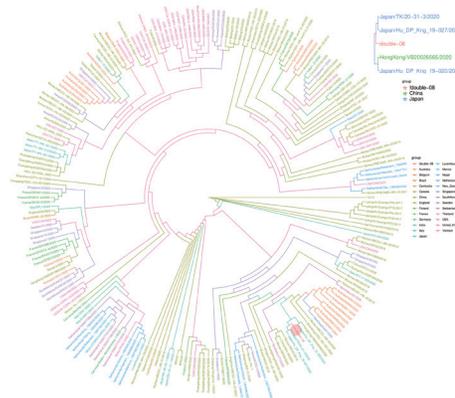
Ultra-high Throughput

DNBSEQ-T7*

MGI, Cat. NO.
900-000128-00

Data Processing Software

Provide Simple operation and efficient data processing



Platform of microorganisms Fast Identification (PFI)

MGI, Cat. No.
900-000393-00

iGenome Virus Detector (iGVD)

MGI, Cat. No.
970-000135-00

*Unless otherwise informed, StandardMPS and CoolMPS sequencing reagents, and sequencers for use with such reagents are not available in Germany, USA, Spain, UK, Hong Kong, Sweden, Belgium, Italy, Finland, Czech Republic, Switzerland and Portugal.



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