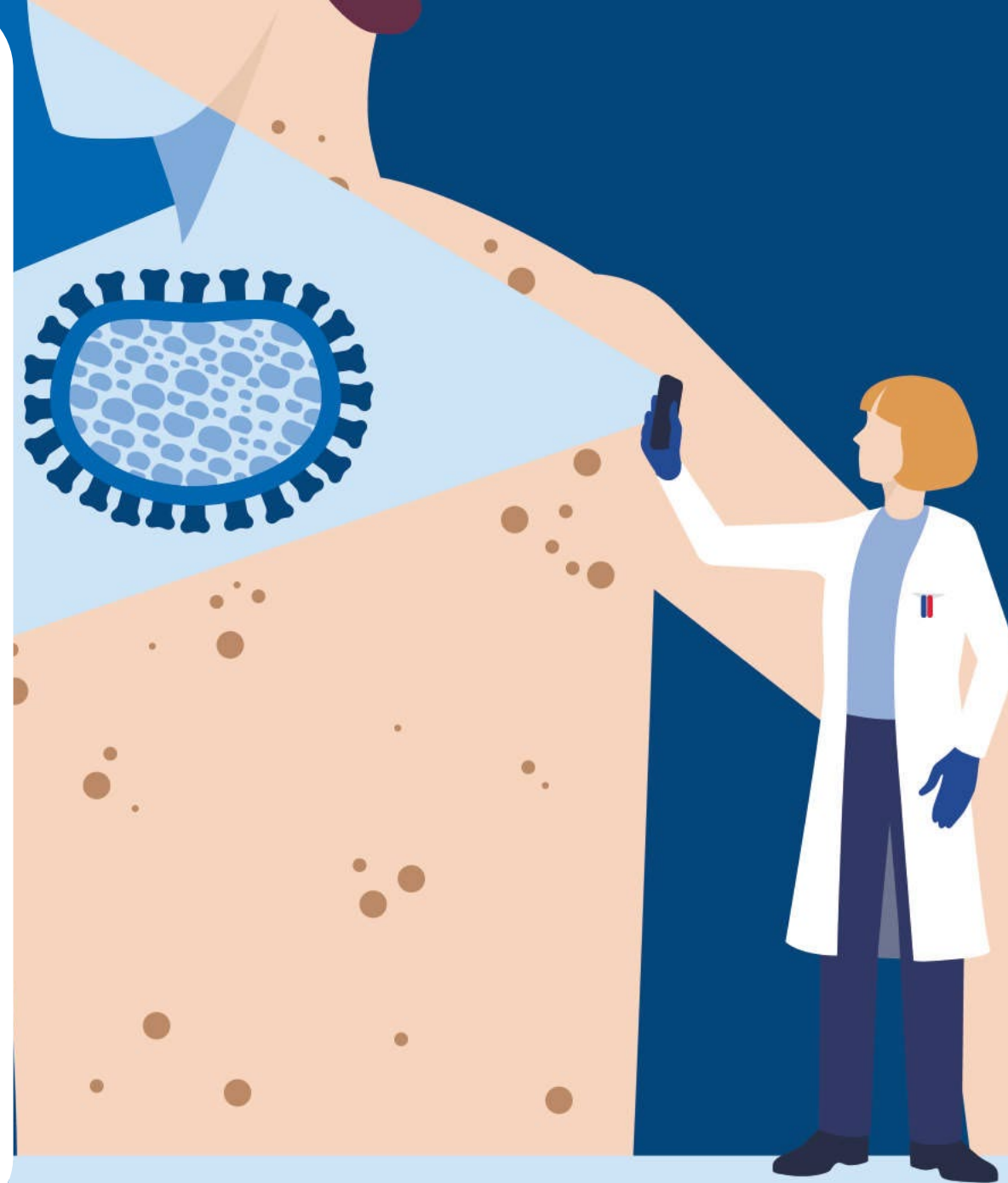




# QIAseq xHYB MPXV Panel

For mpox virus whole genome sequencing



# Legal disclaimer



QIAGEN products shown here are intended for molecular biology applications. These products are not intended for the diagnosis, prevention or treatment of a disease.

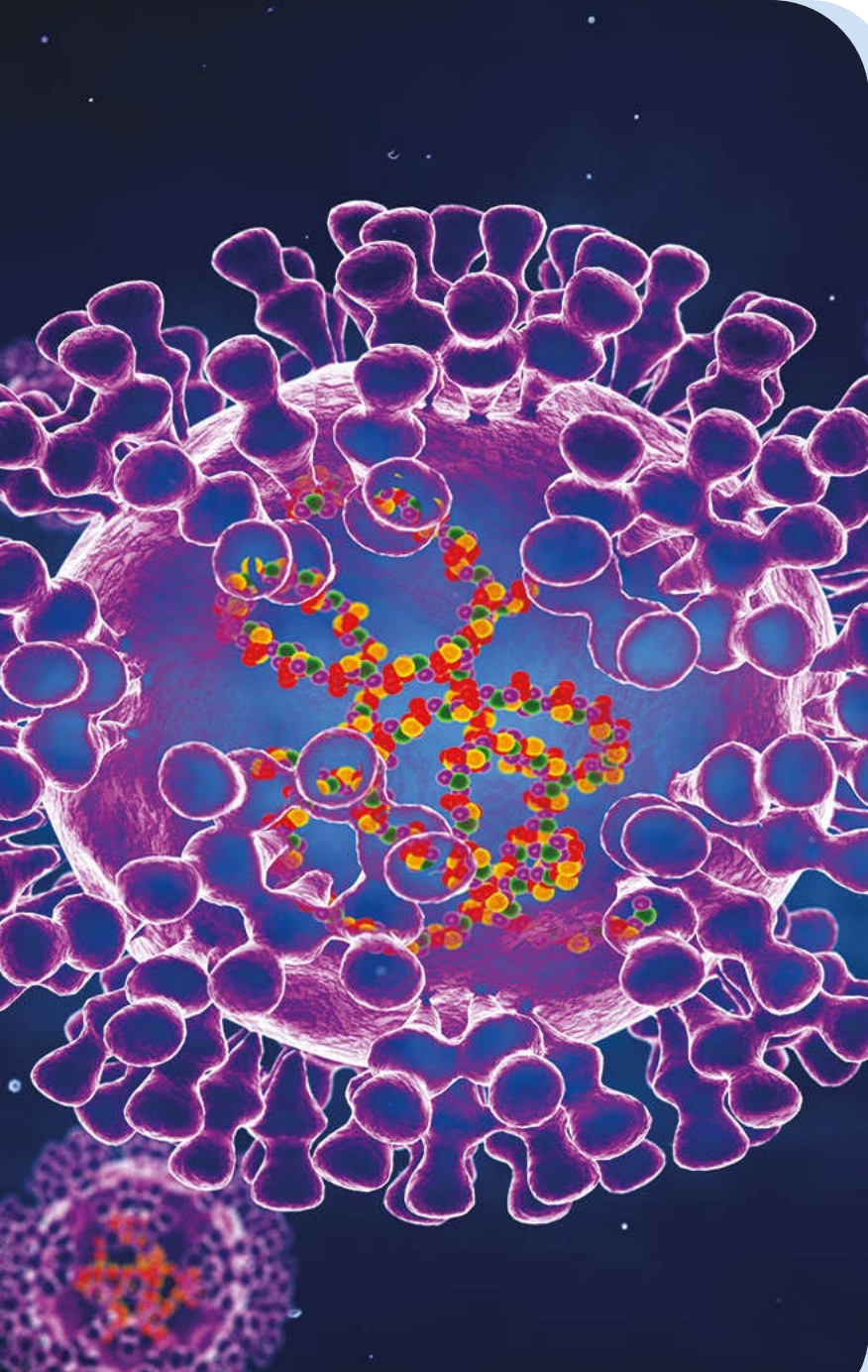
For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit instructions for use or user manual. QIAGEN instructions for use and user manuals are available at [www.qiagen.com](http://www.qiagen.com) or can be requested from QIAGEN Technical Services (or your local distributor).

# QIAseq xHYB Microbial Panels

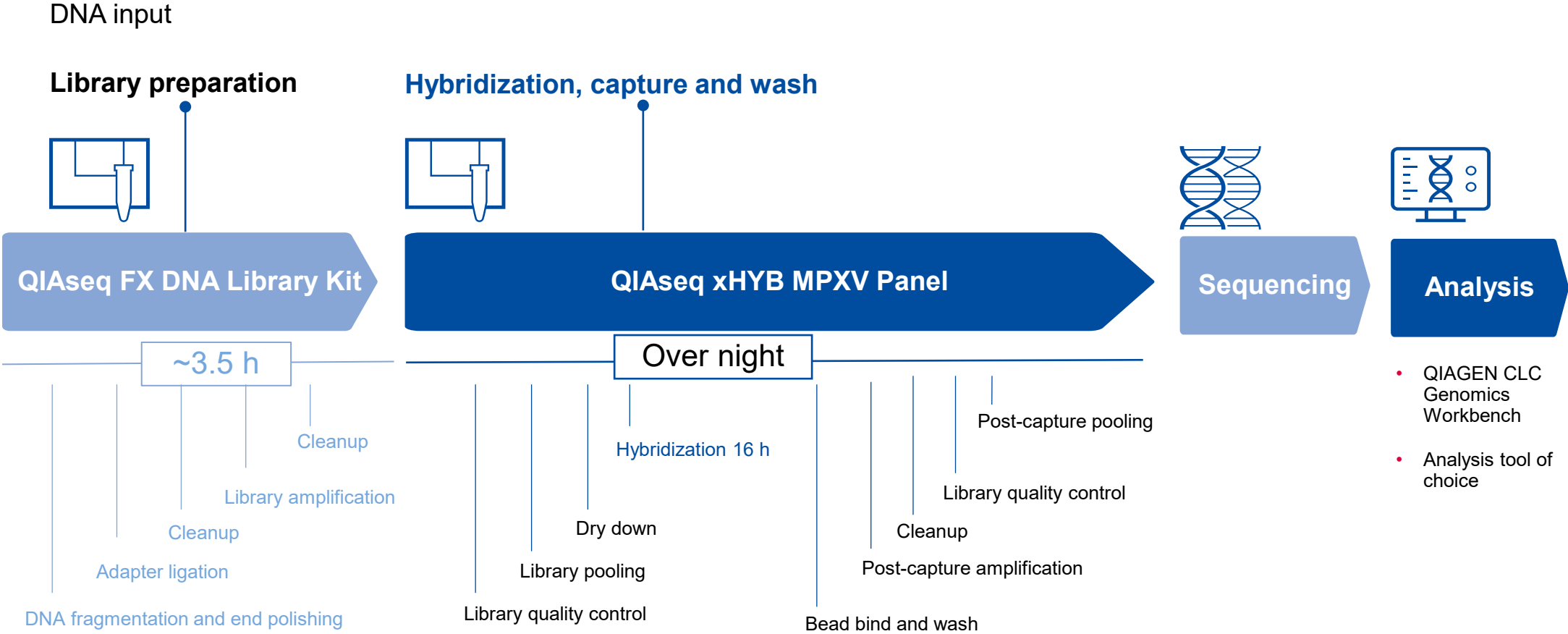
## MPXV Panel

Contains all reagents necessary for the hybrid capture enrichment of the whole genome of MPXV, including inverted terminal repeats

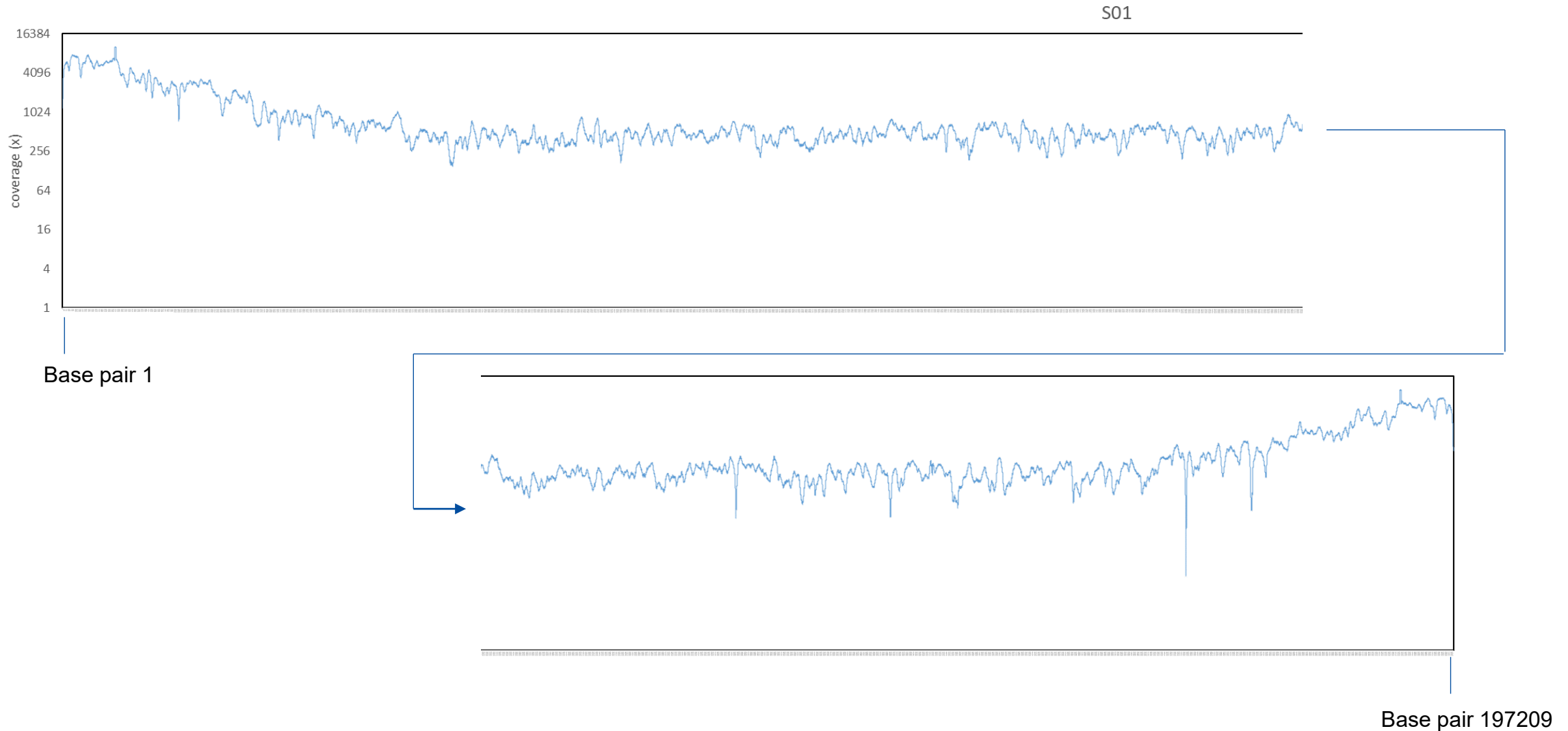
Enriches for the full genome of all MPXV clades



# Flexible sample-to-sequencing workflow

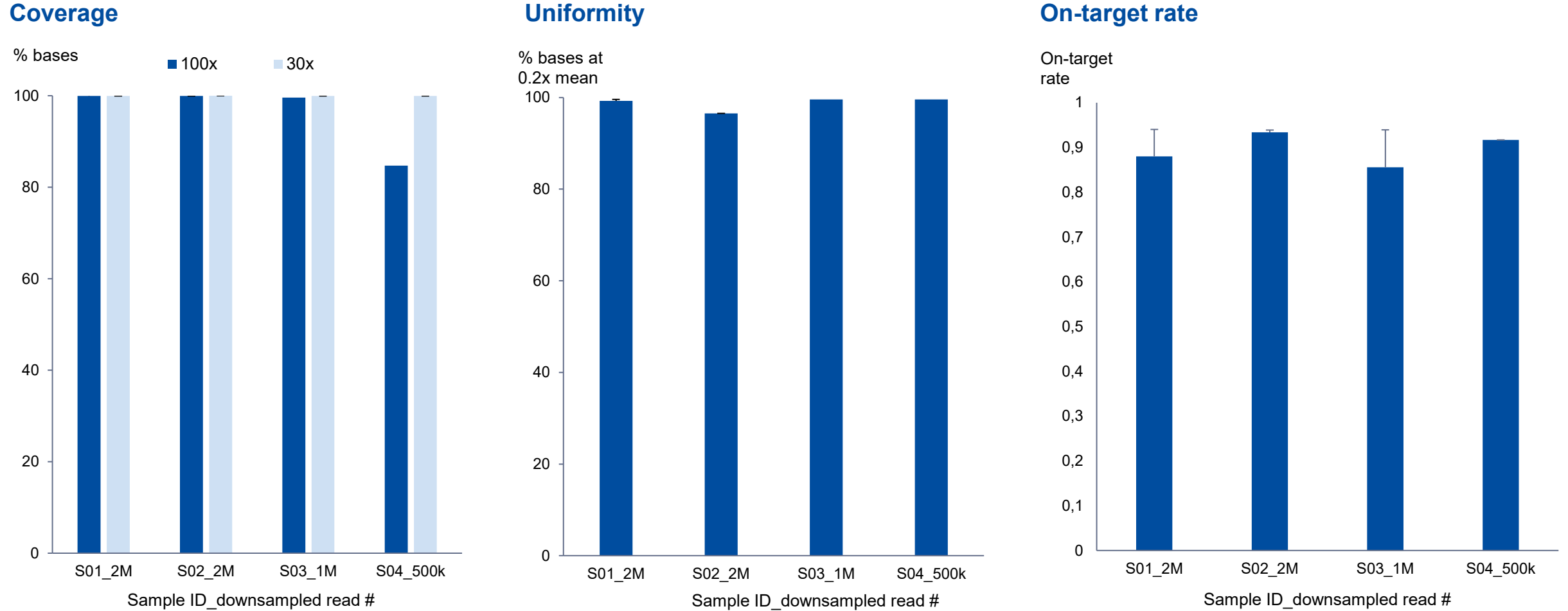


# High-level base coverage of the entire MPXV genome, including inverted terminal repeats



Data presented are for the QIAseq xHYB MPXV Panel (Cat. No. 334562 & 334565) and are obtained through experiments conducted by QIAGEN R&D in Hilden, Germany.

# High-level genomic coverage with high uniformity and on-target rate



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# S02: Example of annotated variants



- **Annotated variant track compares positions of variants between replicates**
- **Positions (and variants) are consistent between the replicates**
- **Curated MPXV Database with QIAGEN CLC Genomics Workbench**

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# Our recommended MPXV kits, reagents, assays and analytics



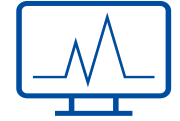
## Nucleic acid extraction



## PCR



## NGS



## Data analysis

### Reagents

- QIAamp MinElute Virus Spin Kit
- QIAamp DNA Blood Mini Kit
- AllPrep PowerFecal Pro (wastewater workflow)

### Automation

- QIASymphony SP
- QIAcube Connect
- EZ2 Connect

### dPCR

- QIAcuity Digital PCR System
- Genomic Services Assays
- dPCR DNA Microbial Detection Assays\*
- QIAcuity (UCP) Probe PCR Kit

### qPCR

- QuantiNova Probe PCR Kit
- QuantiNova Pathogen +IC Kit
- QuantiFast Pathogen +IC Kit

### QIAstat-Dx

- Viral Vesicular Panel (RUO)

### Targeted Sequencing

- QIAseq xHYB MPXV Panel

### Shotgun Sequencing

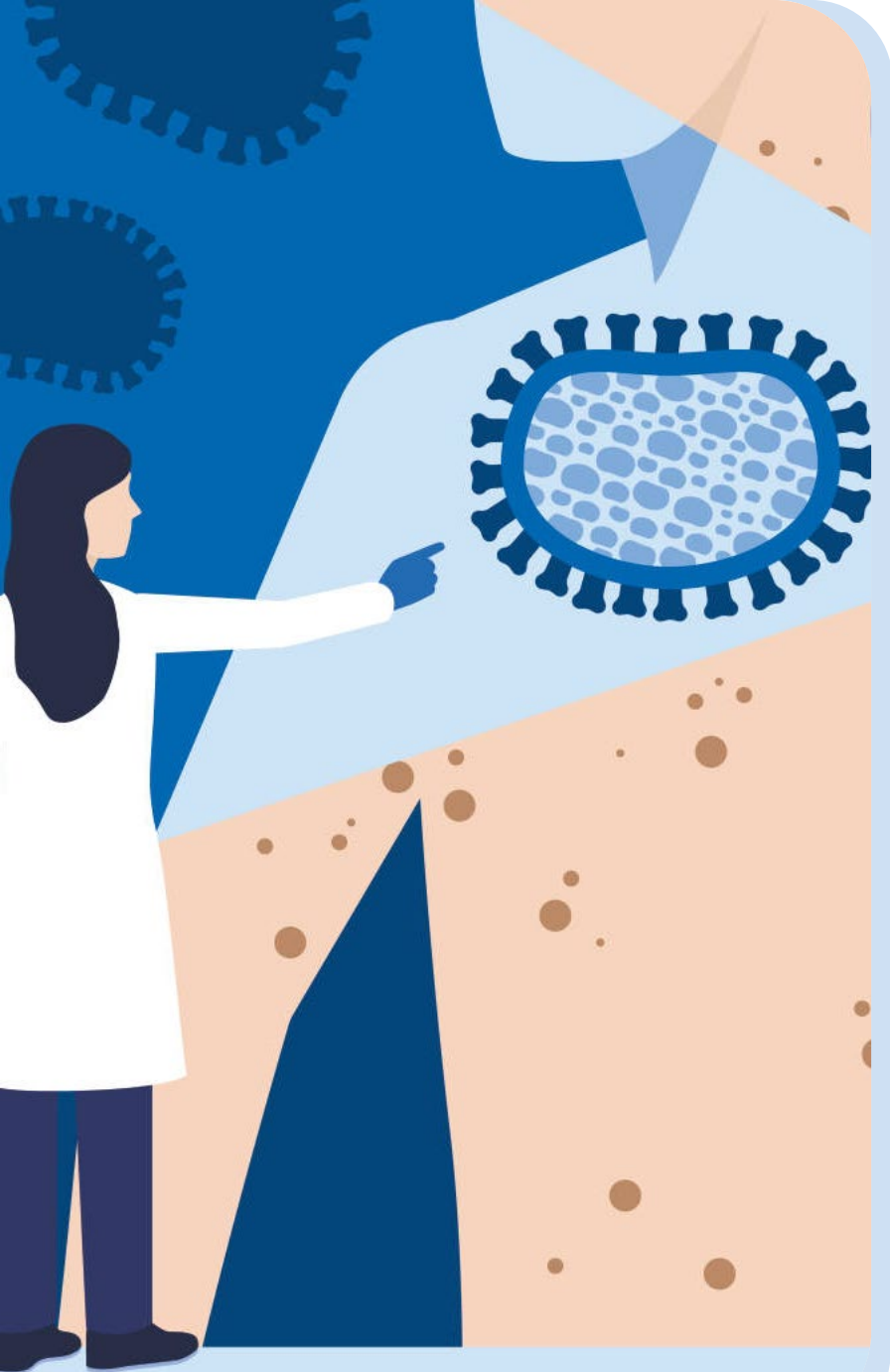
- QIAseq FX DNA Library Prep Kit

### CLC Genomics Workbench

- Curated MPXV Database

\* GG IDs DMA00746 und DMA00747 are NOT suitable to detect clade 1B, new designs soon to be available





## QIAseq xHYB MPXV Panel, available today

- Targeted enrichment of the whole MPXV genome, including inverted terminal repeats
- Works with all known MPXV clades
- Works well with even degraded and low-titer samples
- Configuration on GeneGlobe Design & Analysis Hub

[Order now](#)

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