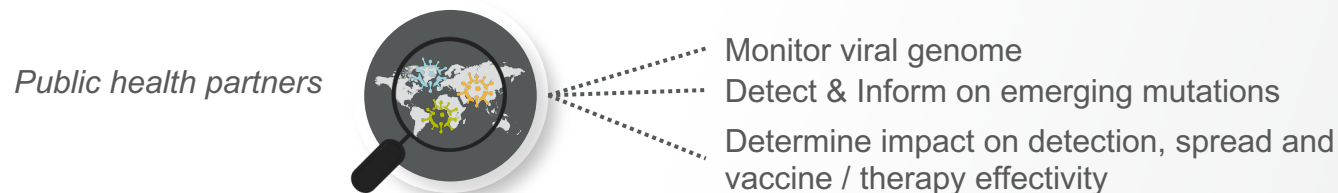


Global Surveillance of SARS-CoV-2 Variants

Prepared with multiple **surveillance solutions to identify, detect, and confirm** new and emerging SARS-CoV-2 variants and strains.



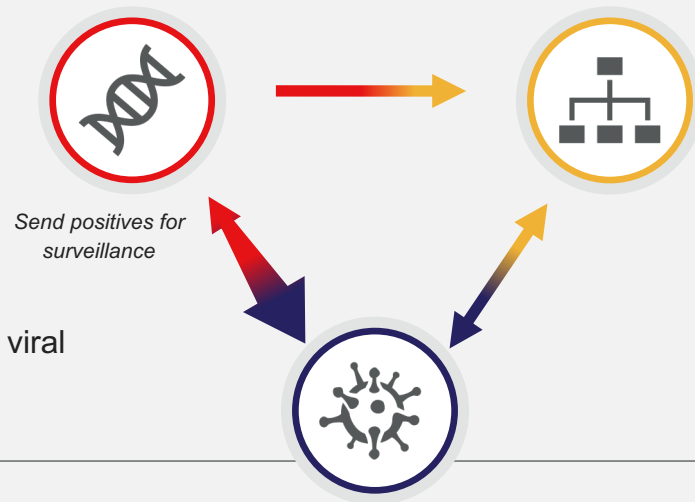
Strain Surveillance

Next Gen Sequencing (NGS)

- Sequence full viral genome
- Detect new and emerging mutations

Capillary Electrophoresis

- Sequence targeted genes / areas of interest on viral genome (i.e., S-gene)



Strain and Mutation Verification

Capillary Electrophoresis

- Sequence verification of unexpected results
- Confirmation of mutations, strains or lineages

RT-qPCR (NPI)

- Leverage the same instrument for Dx detection and mutation confirmation
- Flexible solution with a menu of assays

RT qPCR Detection

RT-qPCR

- Assess emerging mutations impact on performance claims
- Informs product development
- Drives rapid, proactive product modifications and communications

Research

Clinical