Tracking Emerging SARS-CoV-2 Variants in Arizona

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Genomics Epidemiologist
Established April 2007
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We have 14-year history of applying genomics to public health and clinical medicine.
Genomic Tracking of COVID-19

- Sequence all positive samples to identify viral strains
- Build a viral family tree to track where the virus is coming from
- Understand trends of spread throughout Arizona
SARS-CoV-2 Genomic & Variant Tracking

Geography
SARS-CoV-2 Variants of Concern

- **B.1.1.7**
  - United Kingdom

- **P.1**
  - Brazil

- **B.1.351**
  - South Africa

~10 other variants of interest/concern as defined by CDC

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**New coronavirus variant reported in Arizona for the first time**

Arizona Department of Health Services announced on Friday that the P.1 variant of COVID-19, which was first identified in Brazil, has been detected.

Author: [12 News](#)
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### Partnership with Regional Center for Border Health

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<th># Samples Rec'd</th>
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