

Haplotype 1

Whole Genome Sequencing

Prioritization workgroup update

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San Diego, 2/5/19

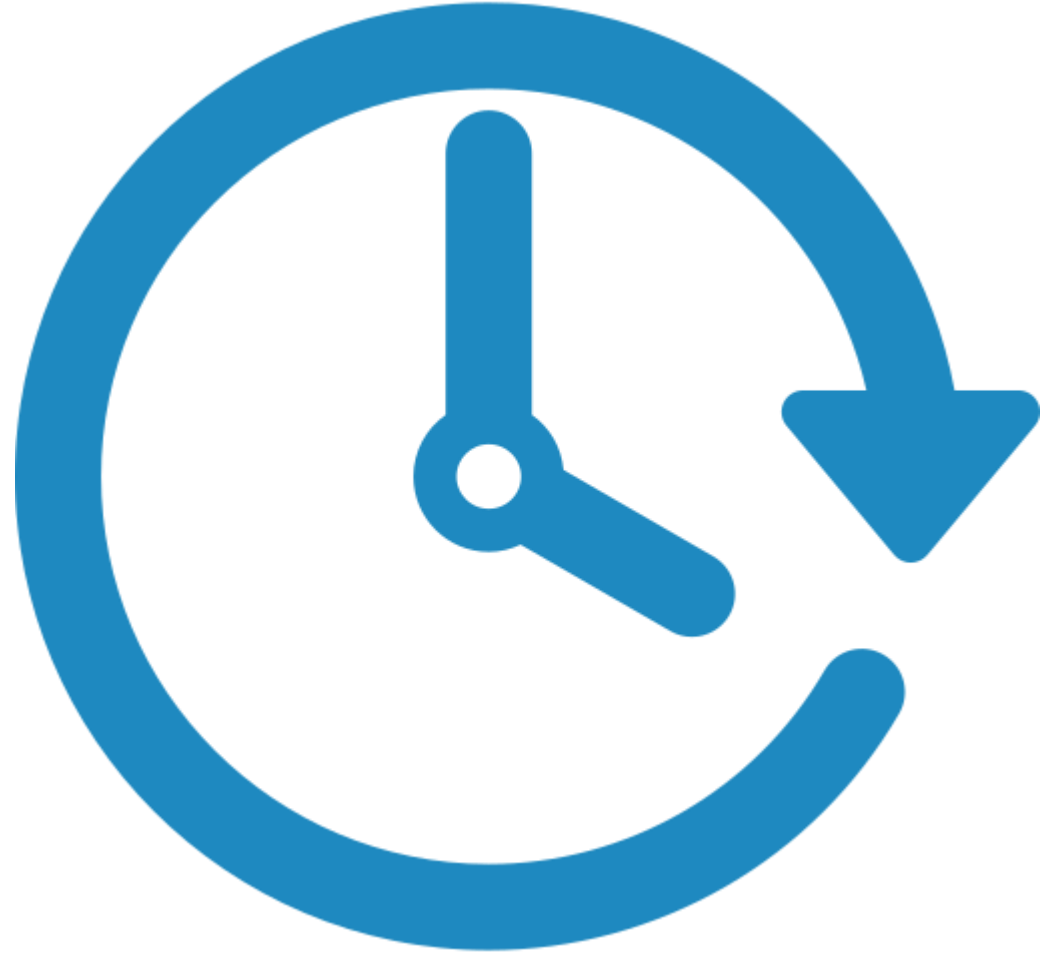


Haplotype 2

Workgroup Objective:

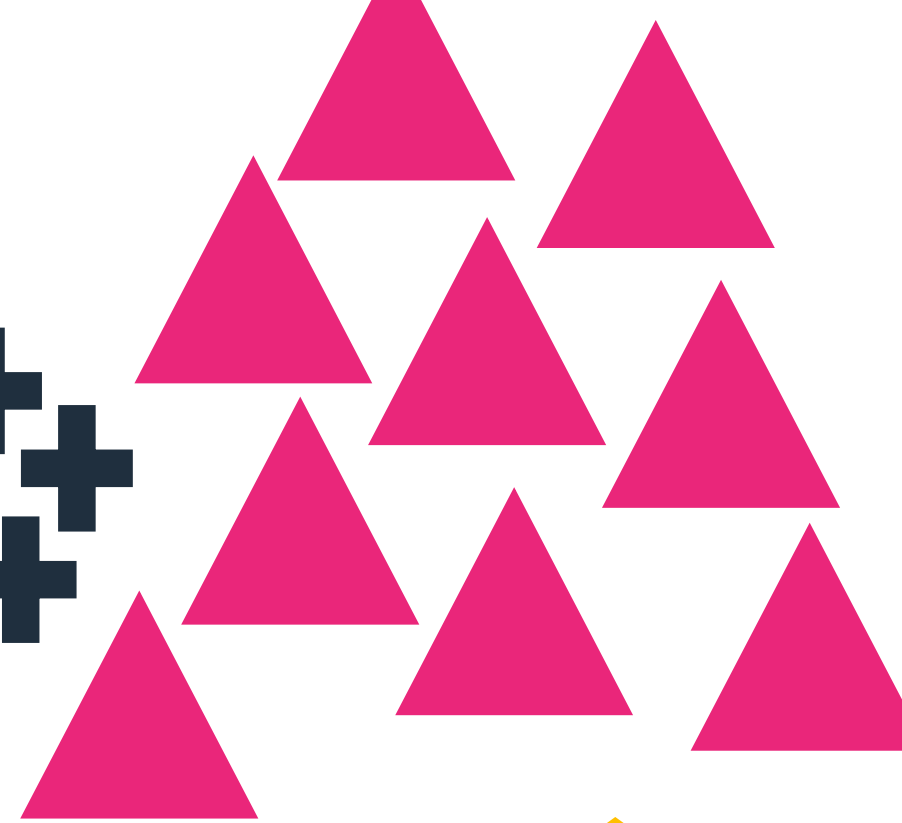
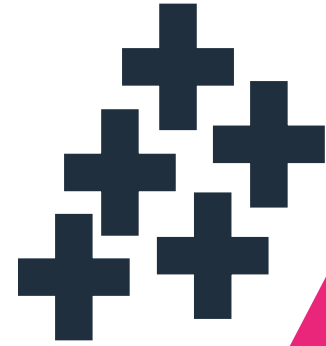
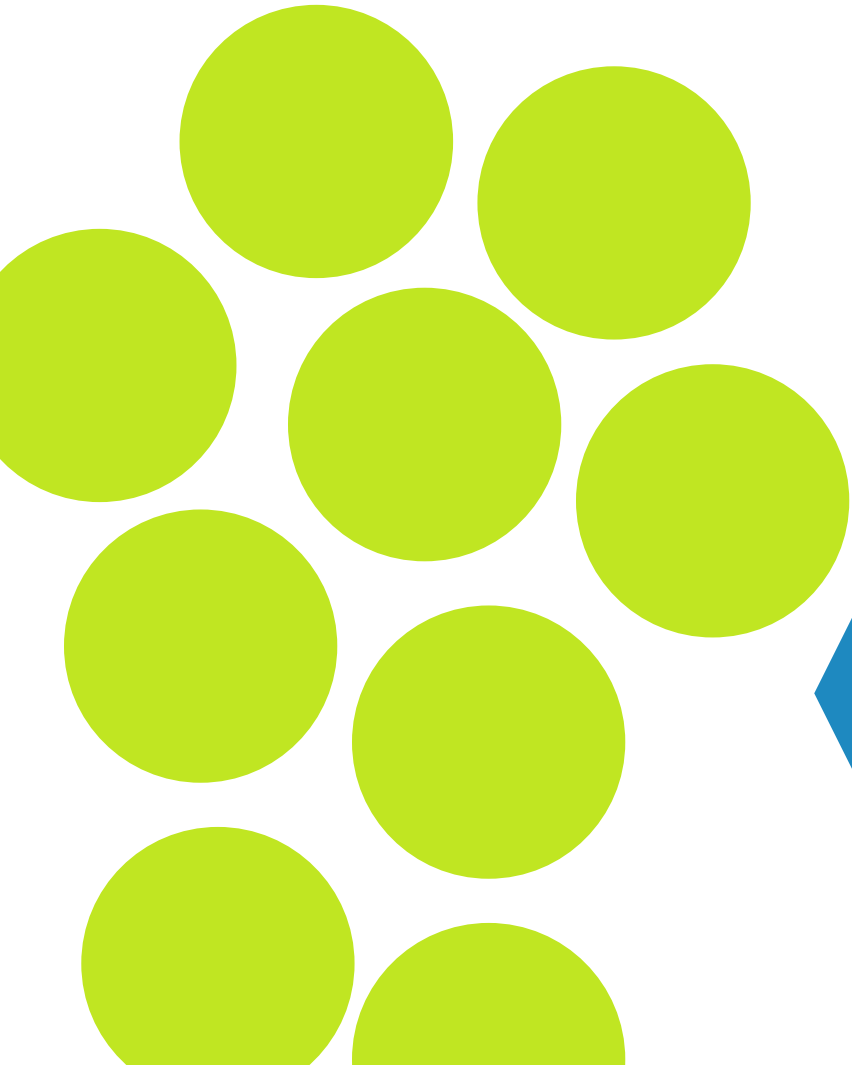
Develop **strategies to prioritize**
whole genome sequencing for
enteric pathogens based on
**individual states resources and
burden**



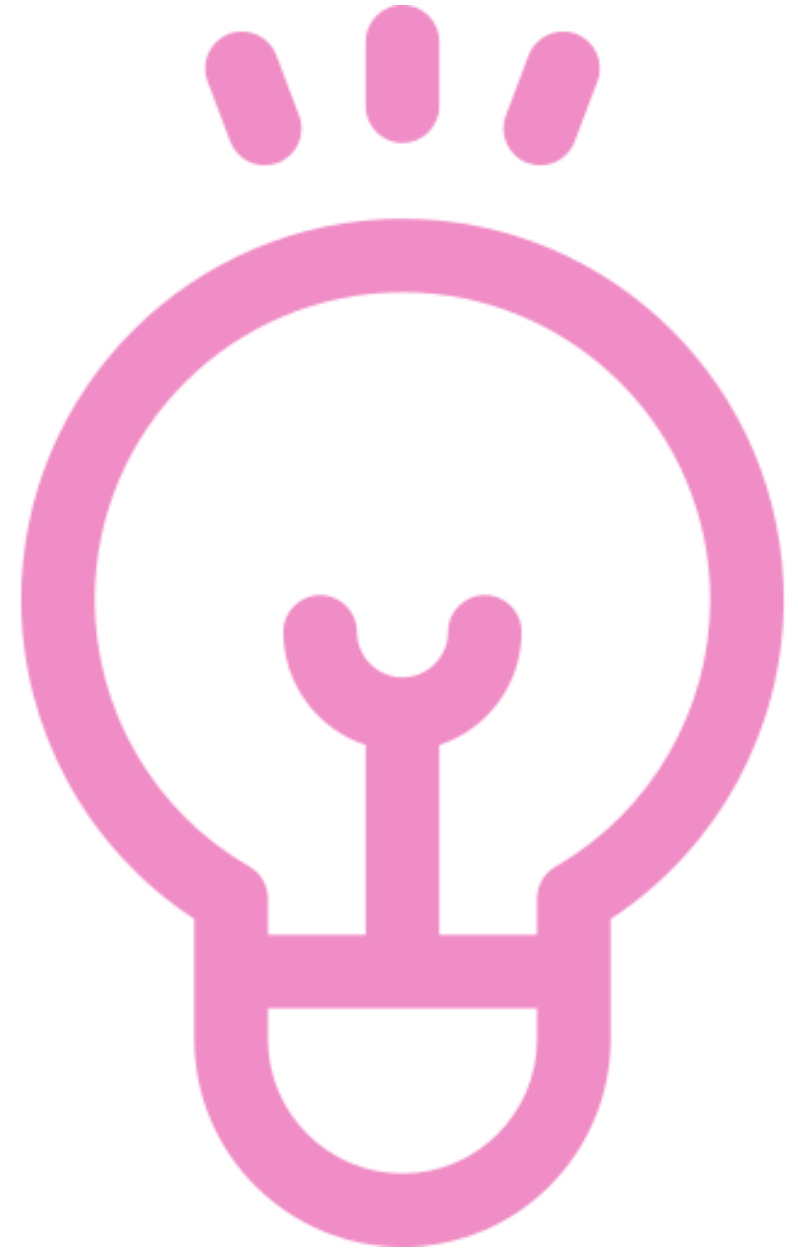




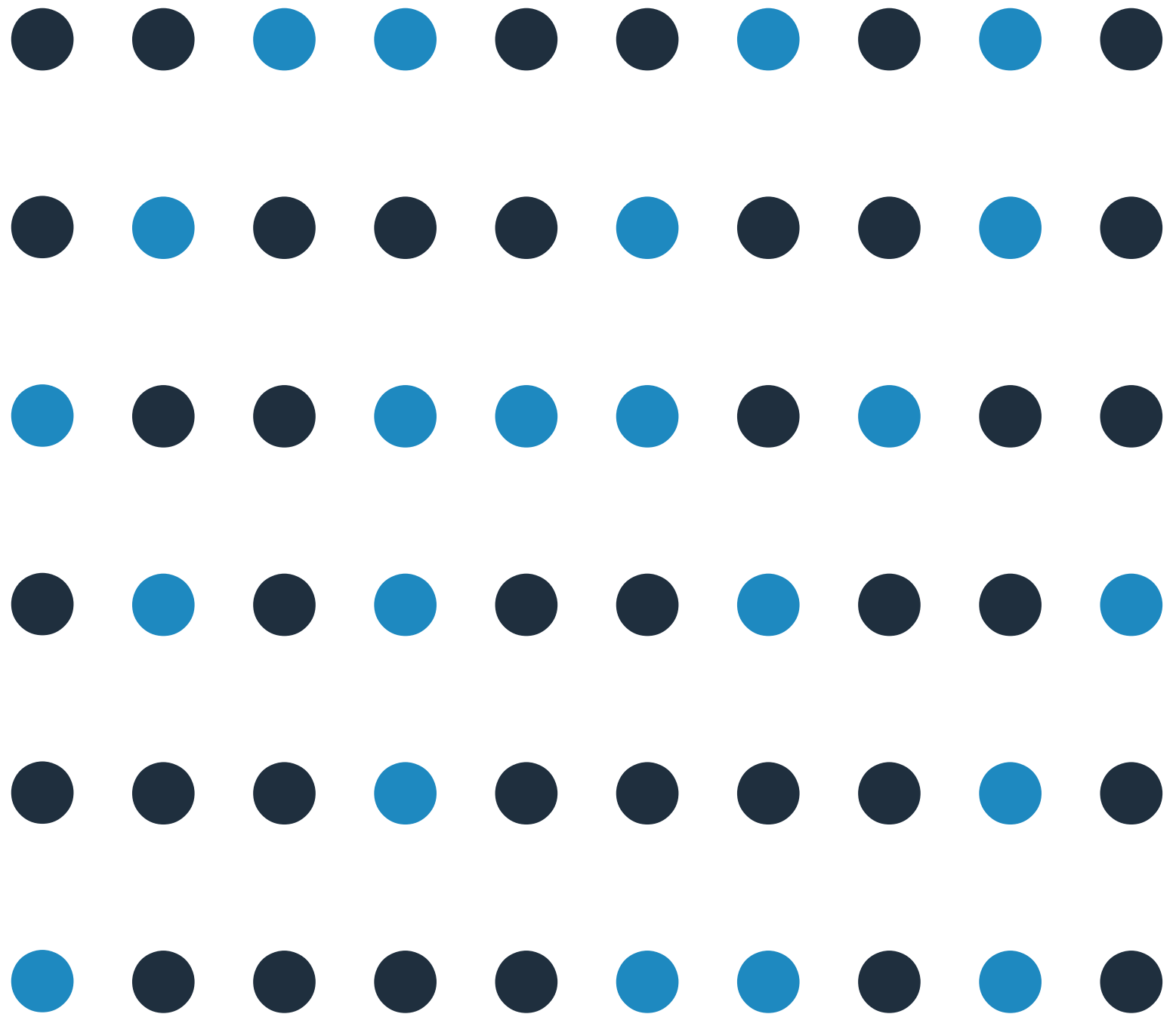
Serotyping and other early indicators of relatedness



Techniques
Solutions
Ideas



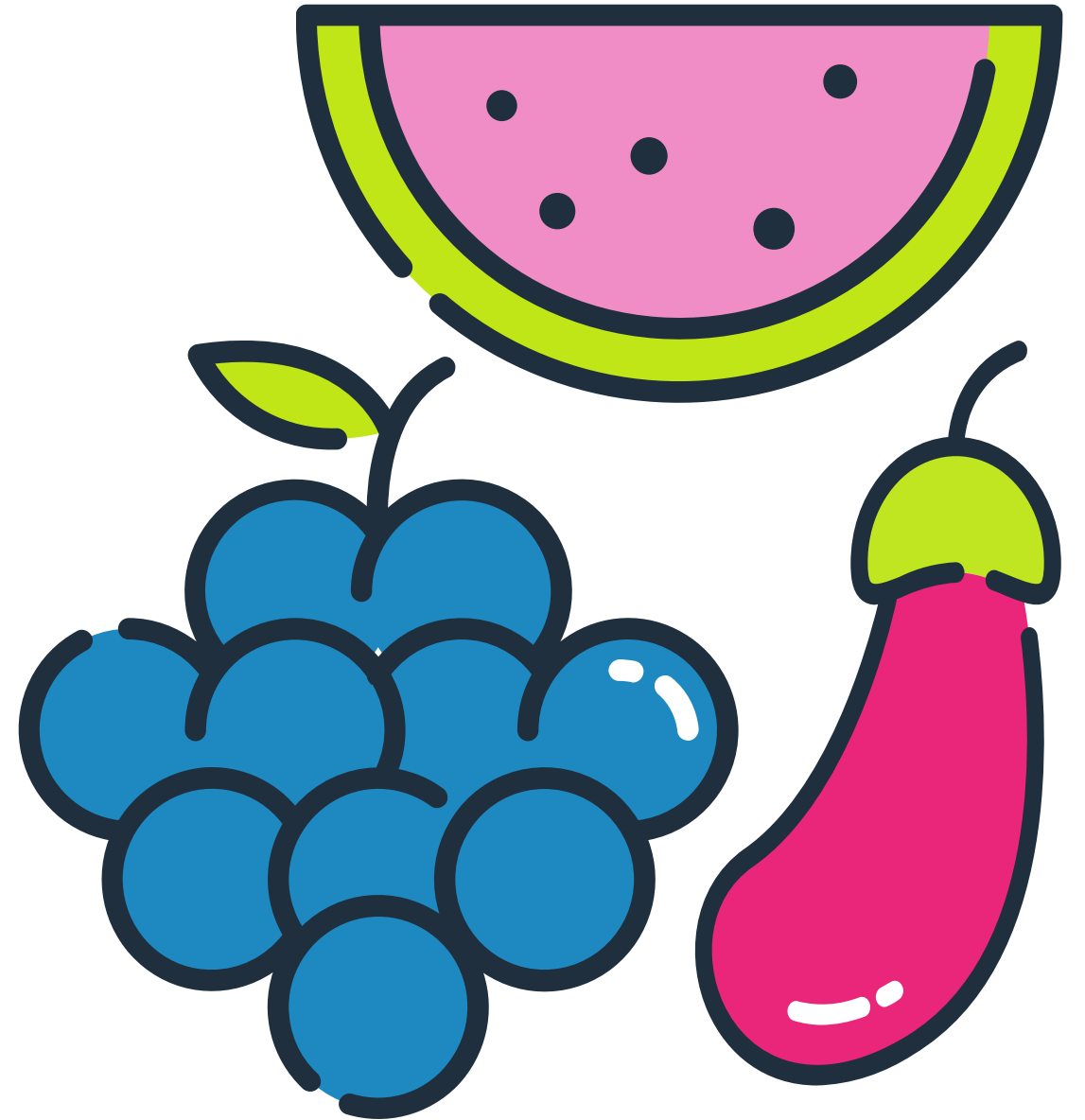
Random
selection of
isolates to
sequence



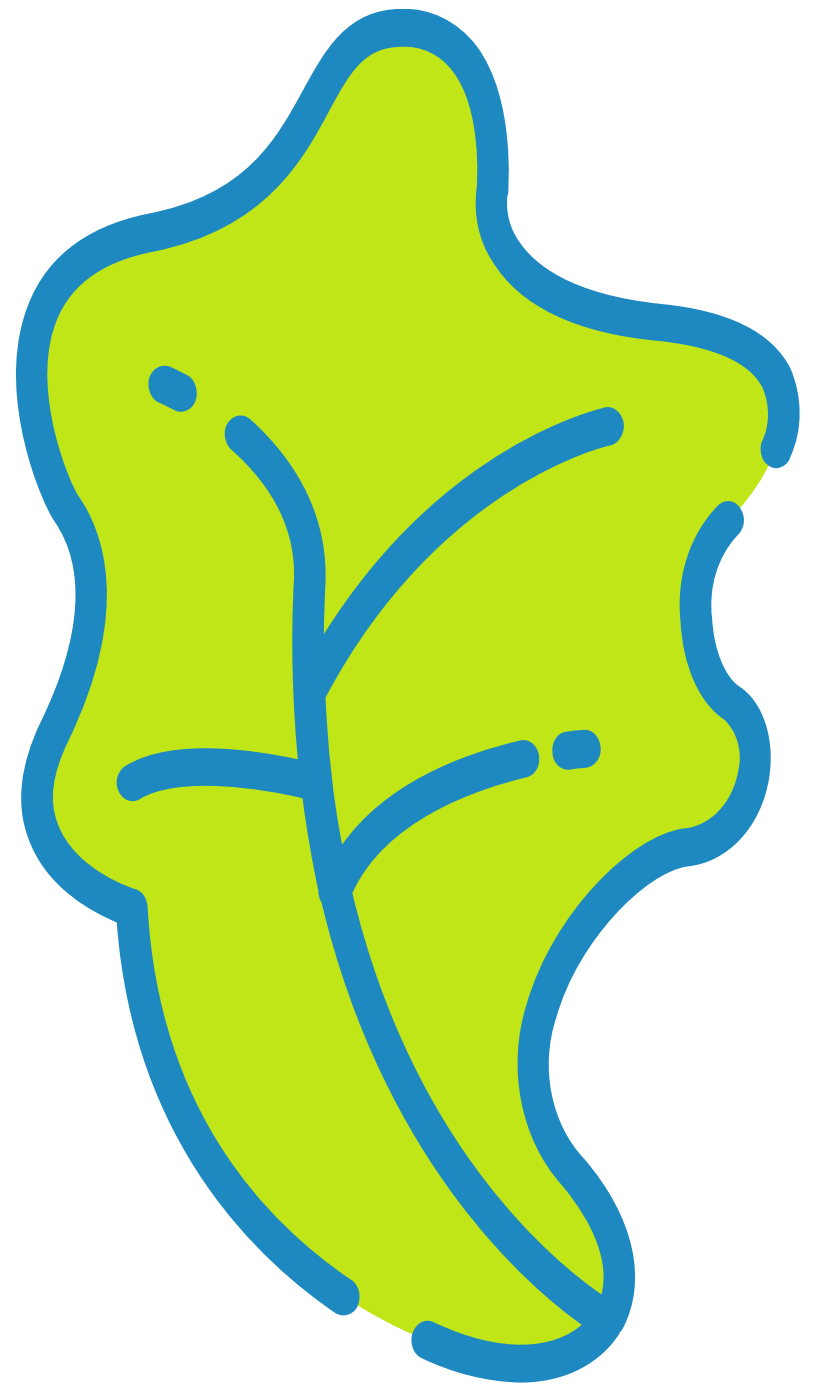
Do not
sequence
travel related
cases



Prioritize based upon
exposure data

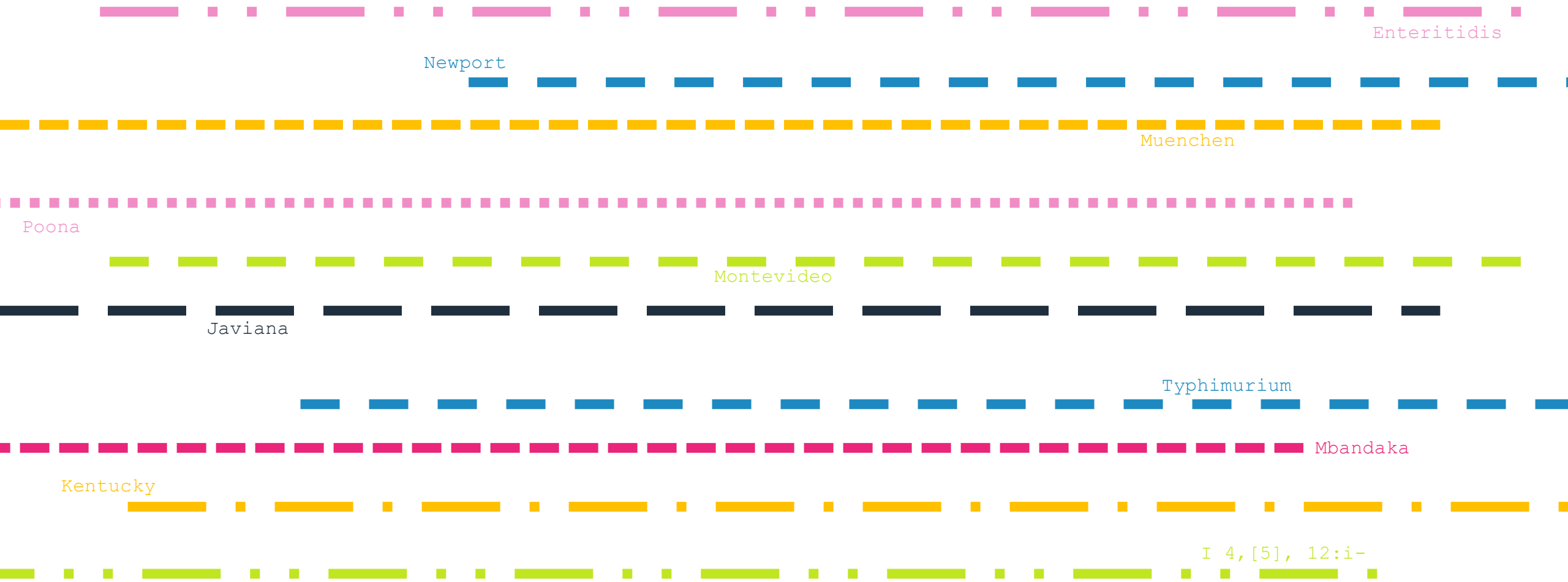


Let the outbreak
lead

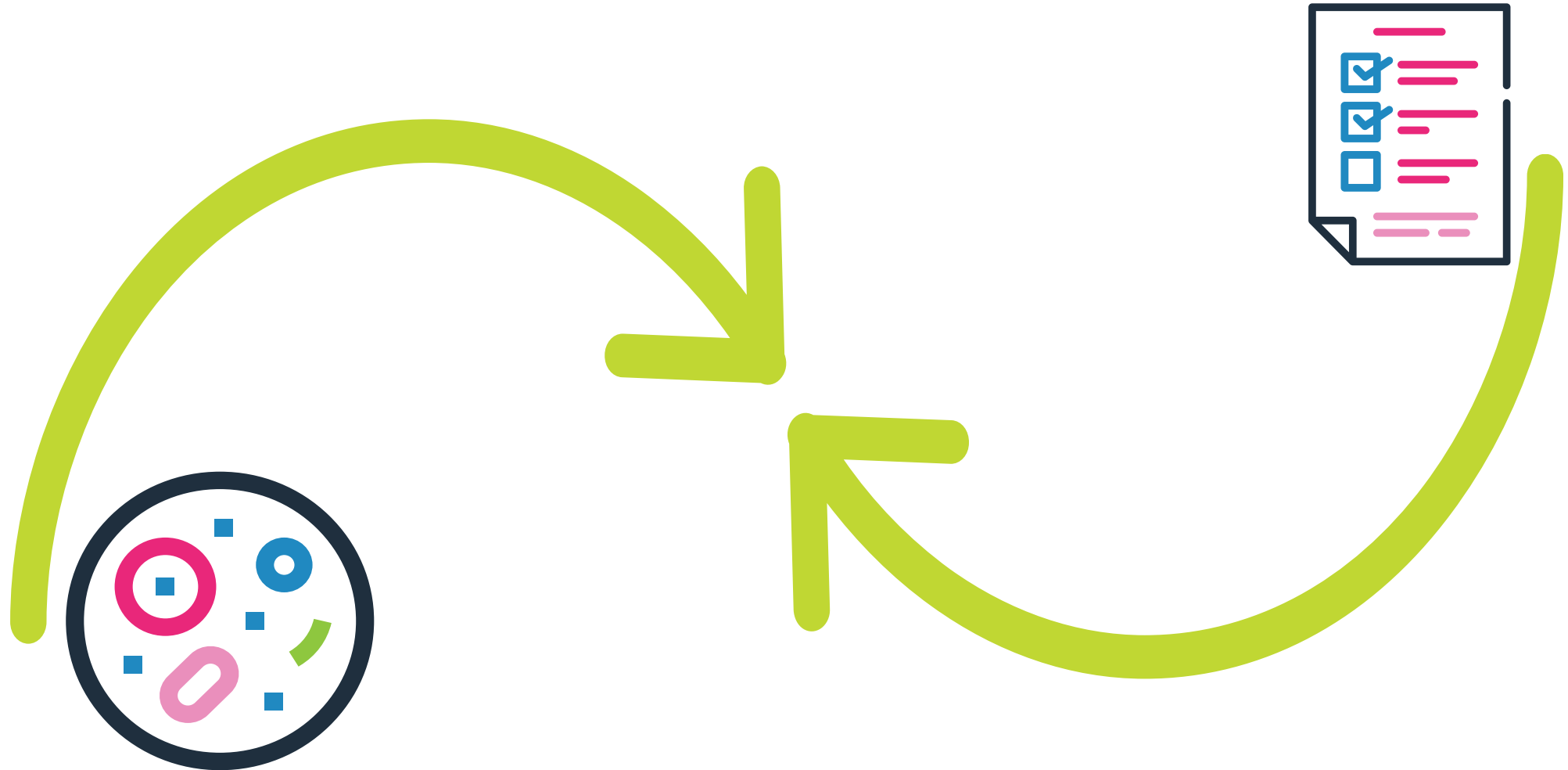


Remaining uncertainties

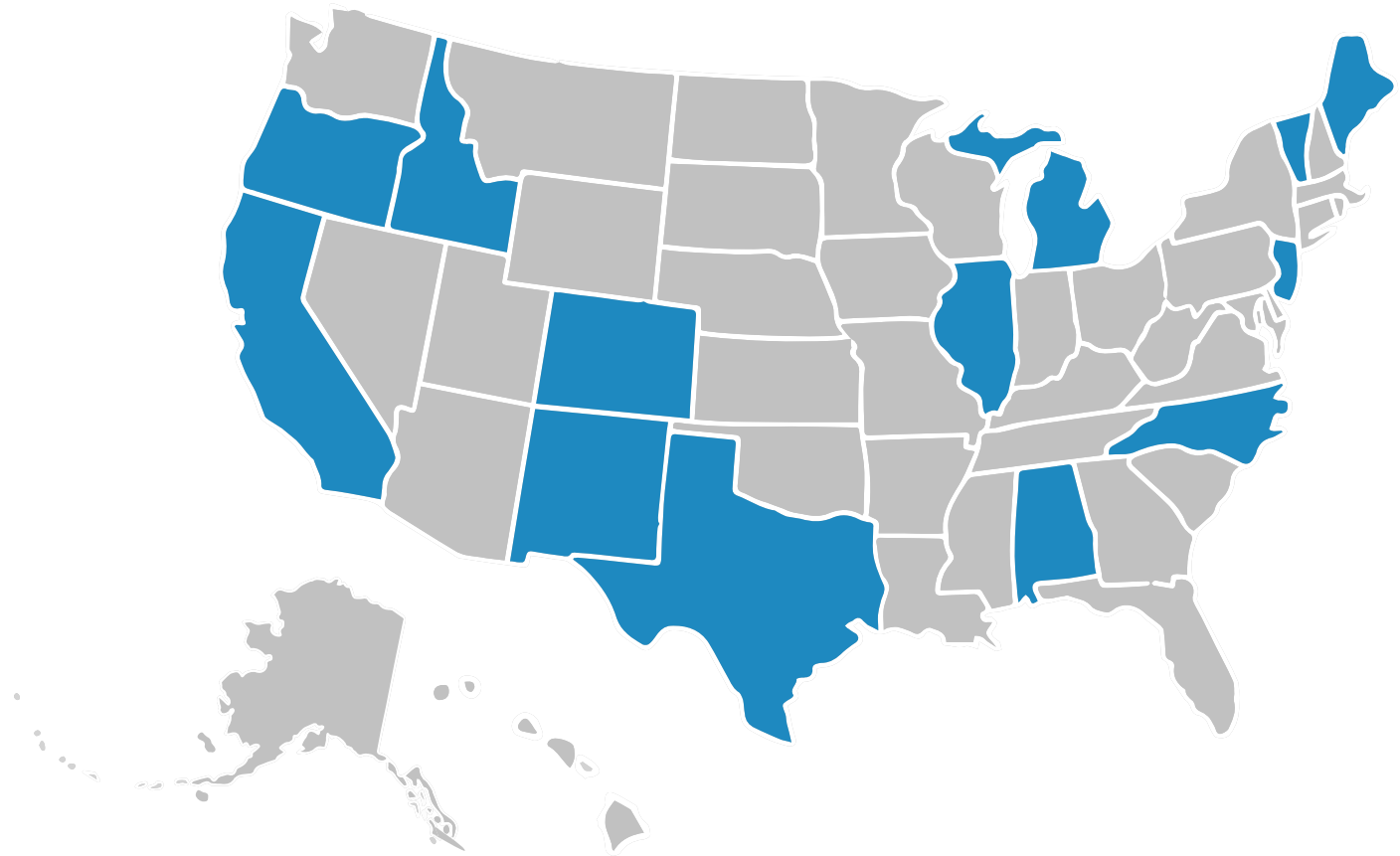
Wrapping our heads around these single nucleotide polymorphisms



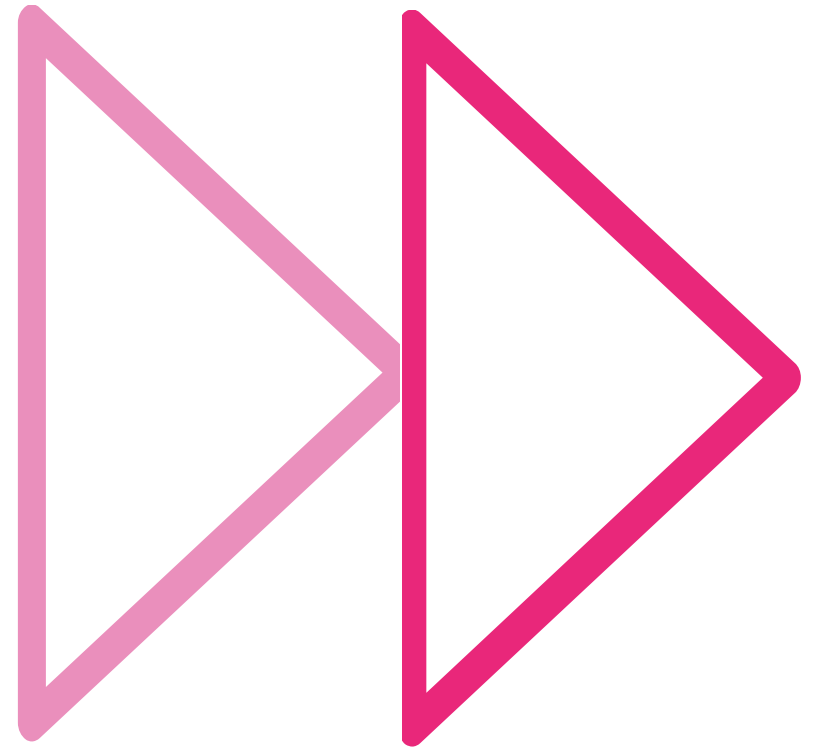
Analysis, communication & lab/epi collaboration



Detection of multi-state cases and outbreaks



Thinking forward



WGS Prioritization Workgroup

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