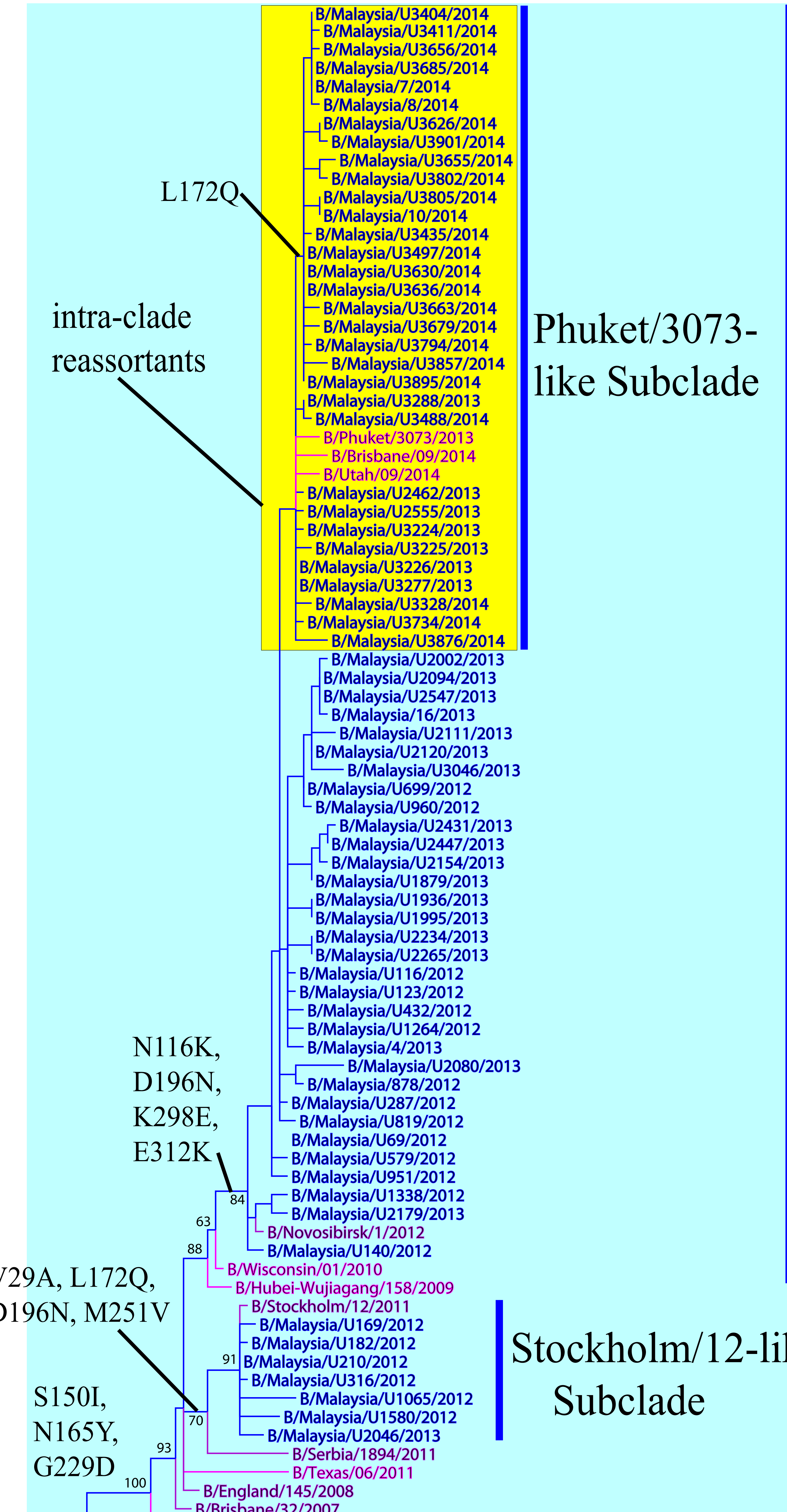


HA Phylogeny (ML Method)

- Malaysian Yamagata Clade 3 viruses
- Malaysian Yamagata Clade 2 viruses
- Malaysian Victoria Clade 1 viruses
- WHO Candidate Vaccine Strains
- WHO Reference Strains

Yamagata Clade 3

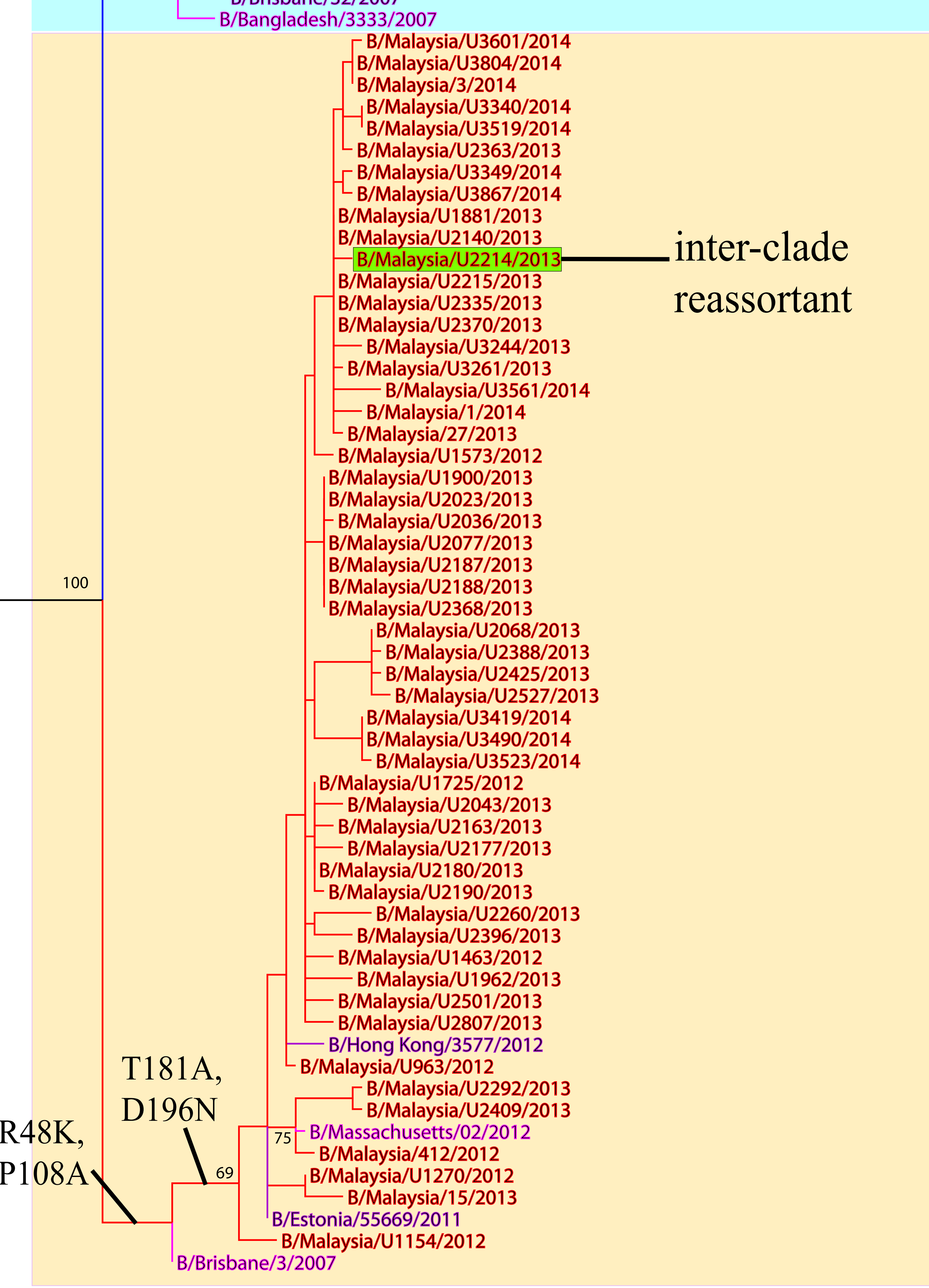


Phuket/3073-like Subclade

Wisconsin/01-like Subclade

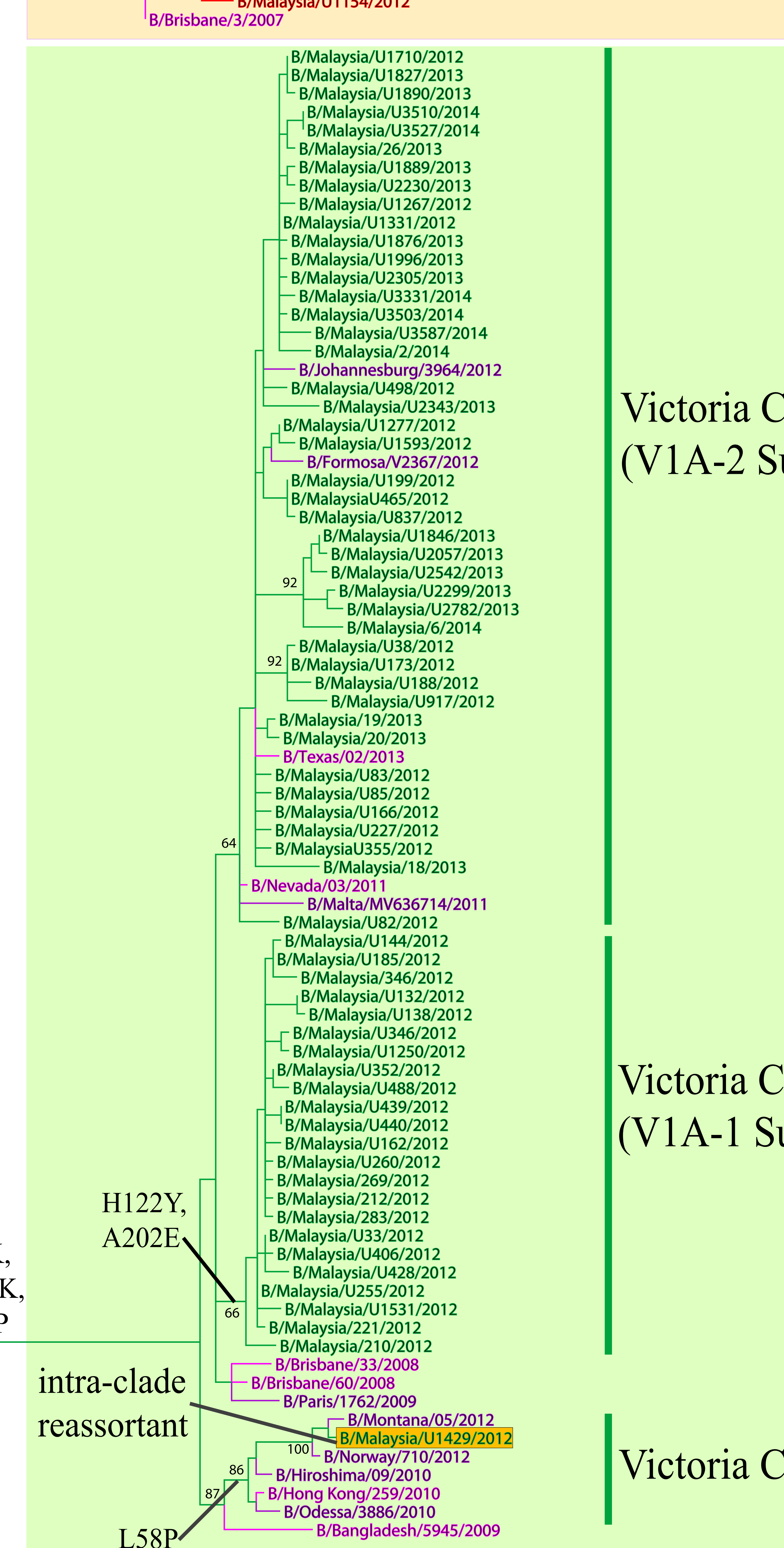
Stockholm/12-like Subclade

Yamagata Clade 2



inter-clade reassortant

Victoria Clade 1 (inter-lineage reassortants)



Victoria Clade 1A (V1A-2 Subclade)

Victoria Clade 1A (V1A-1 Subclade)

Victoria Clade 1B

Yamagata Lineage

Victoria Lineage