

Supplementary Materials for

Subsequent Waves of Convergent Evolution in SARS-CoV-2 Genes and Proteins

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This file includes:

Figures S1–S9

2023 convergence :

K356T

(creates glycosylation at N354)

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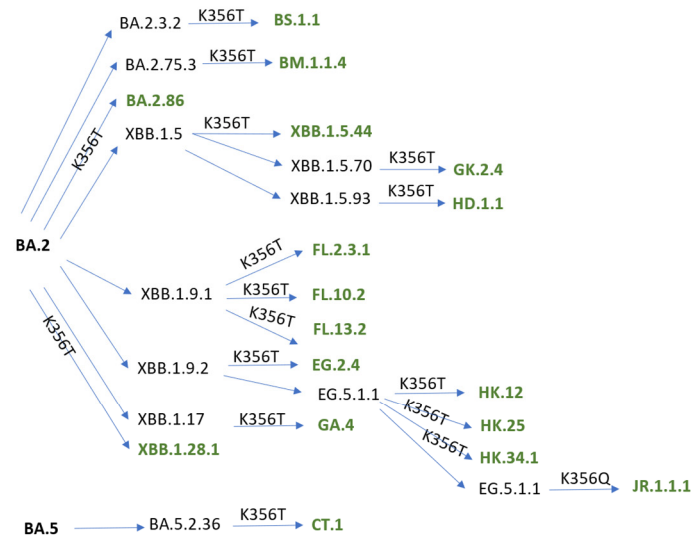


Figure S1. Summary of independent S:K356T acquisition events in designated PANGOLIN lineages.

2023 convergence : **R403K**

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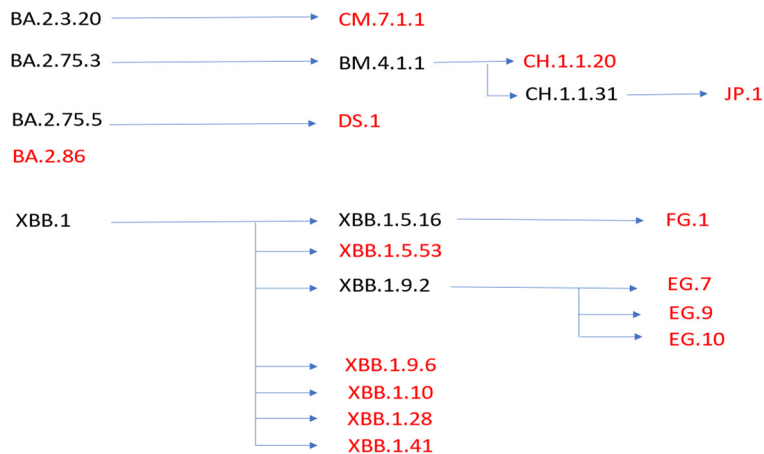


Figure S2. Summary of S:R403K acquisition events in designated PANGOLIN lineages.

2023 convergence : **V445A**

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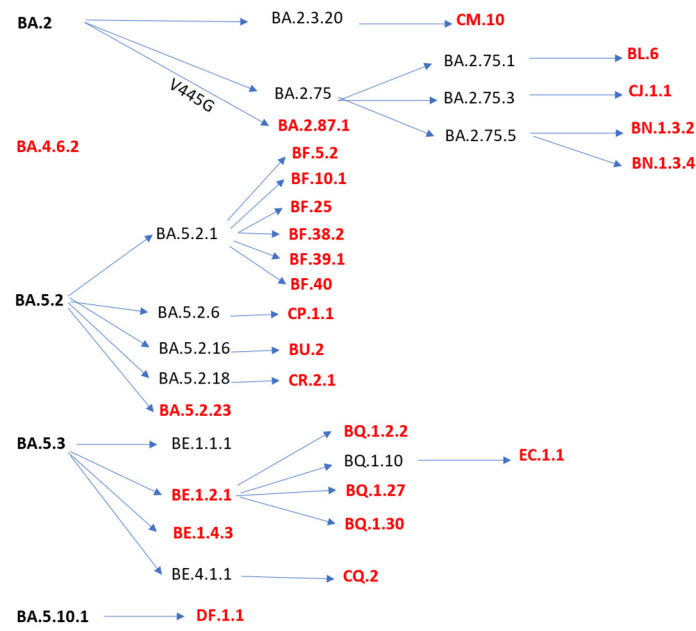


Figure S3. Summary of independent S:V445A acquisition events in designated PANGOLIN lineages.

2023 convergence : **N450D**

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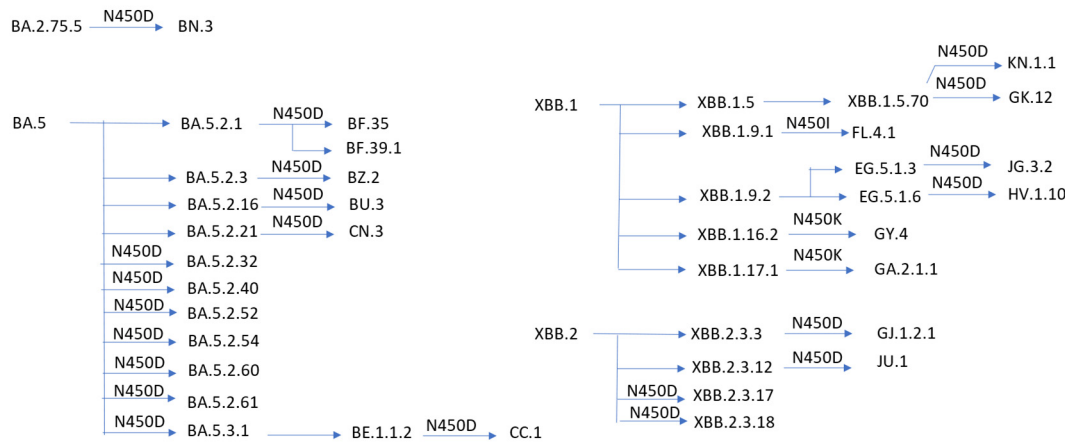


Figure S4. Summary of independent S:N450D acquisition events in designated PANGOLIN lineages.

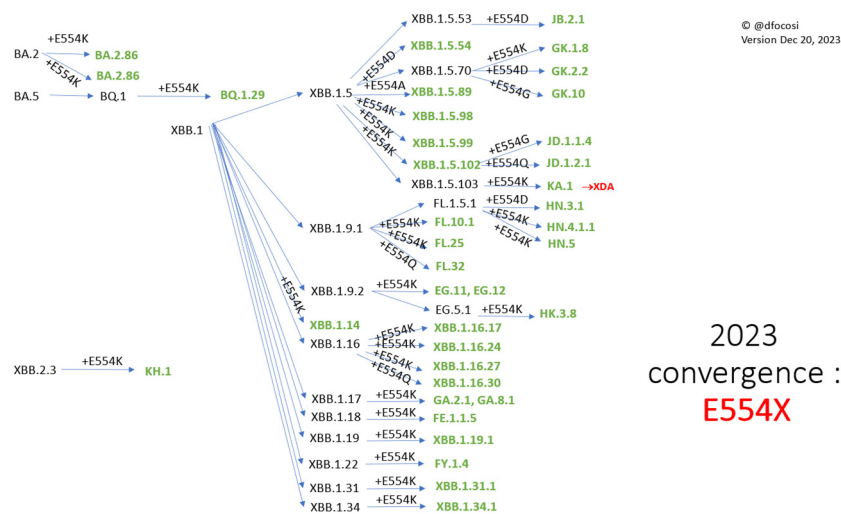


Figure S7. Summary of independent S:E554K acquisition events in designated PANGOLIN lineages.

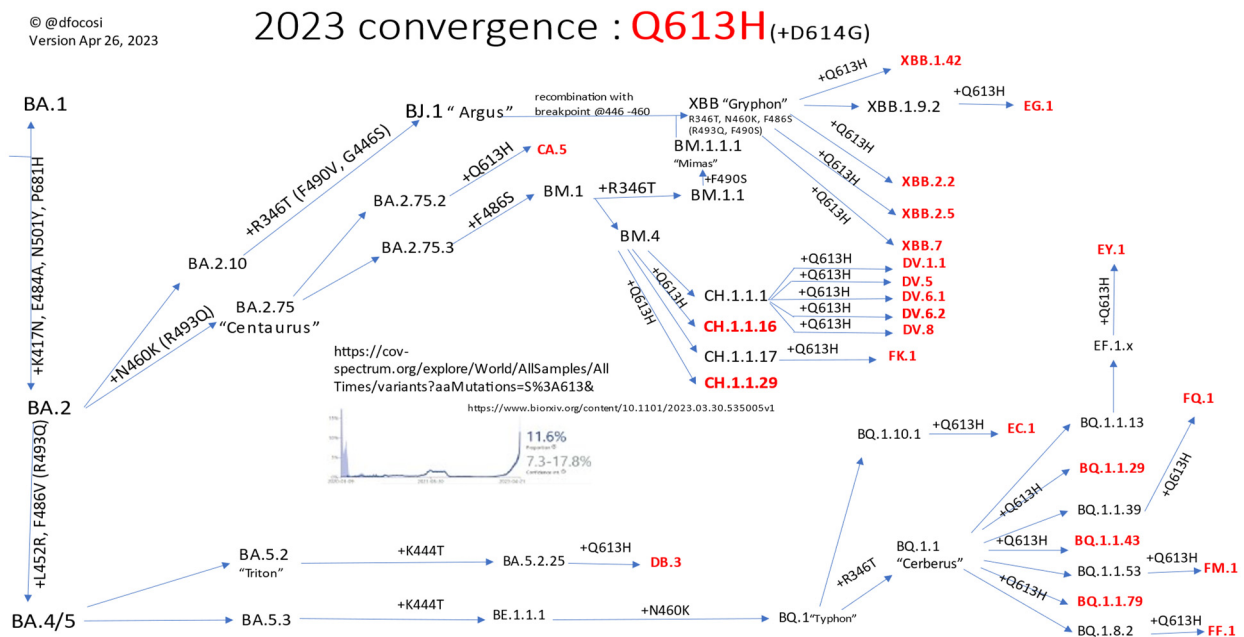


Figure S8. Summary of independent S:Q613H acquisition events in designated PANGOLIN lineages.

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