

Supplementary Figure S1

Lineages S-t2

	C714U	A1088G	C1228U	U1295G/C	G1312A	G1371A	C1807U	U1810C	G1820A	U2006G	U2016C	A2187C	A2222C	G2223A
T10														
T20														
T30														
T40														
T50														
T60														

	C2452U	U2776C	U3311G	U3402C	U3447C	C3545U	C3903U	G3945A
T10								
T20								
T30								
T40								
T50								
T60								

wt	mut<wt	mut=wt	mut>wt	mut
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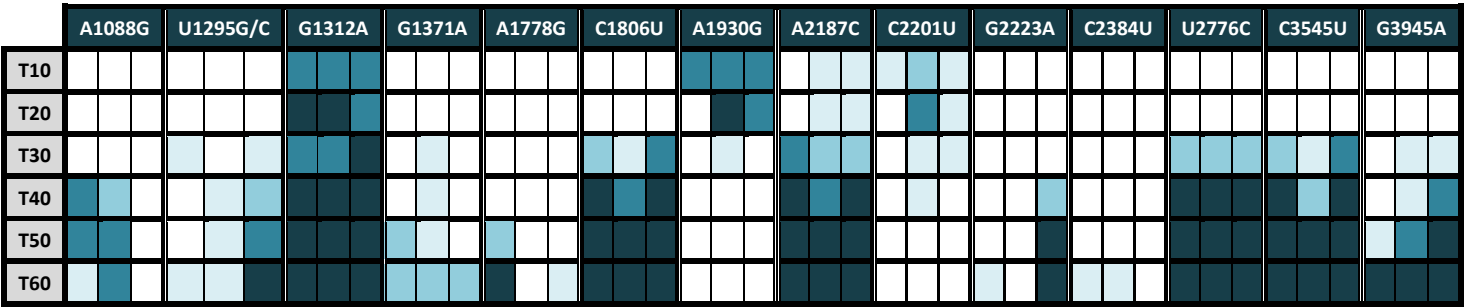
Lineages S-t25

	A1088G	C1228U	U1295G/C	G1312A	G1371A	U1544C	G1607U	C1649U	U1652C	A1827G	U2006G	U2016C	U2135C	A2187C
T10														
T20														
T30														
T40														
T50														
T60														

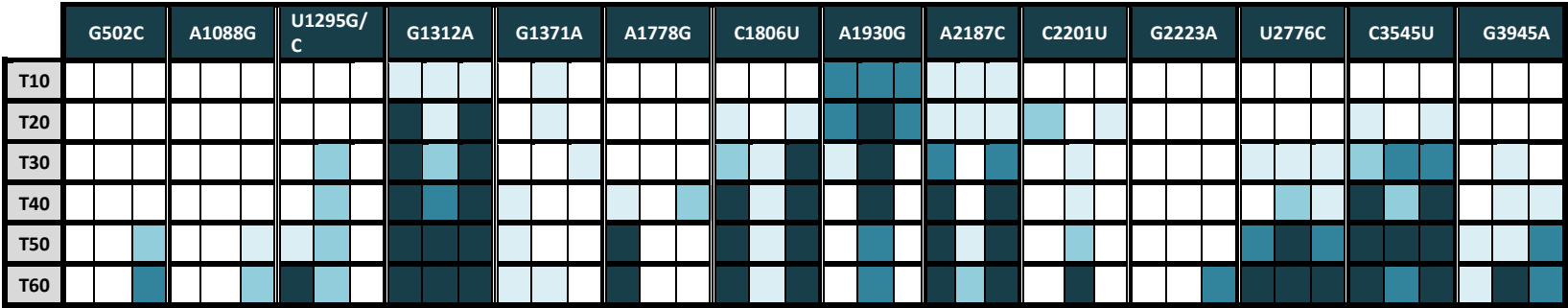
	A2222C	C2384U	U2460C	U2776C	G3002A	U3011C	U3311G	G3521U	G3896A	C3903U	G3945A
T10											
T20											
T30											
T40											
T50											
T60											

wt	mut<wt	mut=wt	mut>wt	mut
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Lineages TS-t25



Lineages G-t25



Mutations present in the consensus sequences determined each 10 transfers for the Q β evolutionary lineages propagated through different patterns of temperature increase. The three squares below each mutation in each of the six rows shown in the figure correspond to the three replicate lineages at transfer number 10 (T10), 20 (T20), 30 (T30), 40 (T40), 50 (T50), and 60 (T60). A white square means the absence of the mutation. In colored squares, the intensity of the color indicates the relative amount of the mutated nucleotide, according to the code shown in the figure.