

Table S3. Mutations present in the consensus sequences of the virus clones indicated

Virus clones <sup>1</sup>	Mutations <sup>2</sup>				
	Non-coding regions	A2	CP	A1	Replicase
Q $\beta$ Anc(1)					
Q $\beta$ Anc(2)					
Q $\beta$ Anc(3)					U2972C
L1C1			<b>U1665C (F107L)</b>	<b>C2001U (L219F)</b>	<b>U4001C</b>
L1C2		<b>G1312A (V417I)</b>	<b>U1665C (F107L)</b> , C1689U	<b>A2187C (S281G)</b>	<b>U2847C (Y165H)</b> , <b>U4001C</b>
L1C3		C420U	<b>U1665C (F107L)</b>		G3341A, <b>U4001C</b>
L1C4			<b>U1665C (F107L)</b>		<b>U4001C</b>
L2C1		U969C, <b>G1312A (V417I)</b>		<b>A1930G (Q195R)</b>	
L2C2		U192C	<b>G1494A (V50I)</b>	<b>A1930G (Q195R)</b> , <b>G2223A (V293I)</b>	<b>G2798A</b>
L2C3		<b>G1312A (V417I)</b>		<b>A1930G (Q195R)</b>	<b>U2740C (M129T)</b>
L2C4		U393C, C1101U		<b>C1953U (L203F)</b> , C2201U	
L3C1		<b>A1065G</b>		<b>A1930G (Q195R)</b>	<b>G2468A</b> , <b>U2951C</b>
L3C2		U354C, <b>A1065G</b>		<b>A1930G (Q195R)</b>	<b>G2468A</b> , <b>U2847C (Y165H)</b>
L3C3	A54G	<b>A1065G</b>		<b>A1930G (Q195R)</b>	<b>G2468A</b> , <b>U3314C</b>
L3C4		A258G, <b>A1065G</b>		<b>A1930G (Q195R)</b>	<b>G2468A</b>

<sup>1</sup>The virus clones indicated are described in the section “Isolation of biological clones” of Materials and Methods.

<sup>2</sup>For each mutation, the protein where it is located is indicated. Non synonymous mutations are shown in bold letters and the corresponding amino acid changes are indicated in brackets. Common mutations between clones and the populations from which they were isolated (see Table S2) are shown in blue.