

**TABLE S3.** Amino acid replacements on the trunk and terminal lineages of EV-71 sub-genogroup C1

Residue	Trunk lineages		Residue	Terminal lineages	
	Transition	Frequency		Transition	Frequency
#1 <sup>†</sup>	G>A	1	#1	G>A	4
#22	Q>R	1		A>G	1
#30	Q>K	1		A>V	1
#31	N>D	1	#8	I>V	1
#43	K>R	1	#13	G>R	1
#145	E>Q	1	#17	S>N	1
	Q>E	1	#20	L>F	2
#262	V>I	1	#24	L>I	1
	I>V	2		L>S	1
#289	A>T	1	#27	P>S	1
	T>A	1	#31	N>D	1
#292	T>A	1	#33	Q>R	1
#296	T>N	1	#34	V>A	1
			#72	S>L	1
			#92	E>G	1
			#93	I>V	1
			#98	E>K	12
				E>G	1
				K>N	1
			#119	M>V	1
			#135	F>V	1
			#136	T>S	1
			#144	G>A	1
			#145	E>Q	5
				Q>E	3
				E>A	1
				E>G	1
			#146	V>I	1
			#167	E>K	1
			#220	L>I	1
			#237	T>N	1
			#241	S>L	1
				S>M	1
			#249	I>V	2
			#259	R>Q	1
			#262	V>I	2
			#280	A>T	1
			#282	N>D	1
			#283	S>F	2
				S>Y	1
			#285	K>R	1
			#289	A>V	2
				T>A	1
				T>I	1
			#292	A>T	1
				T>K	1
			#293	A>G	1
				A>S	1

<sup>†</sup> Amino acid replacement found in both the trunk and terminal lineages are indicated by color-coded amino acid residues.