

Site name	Amino acids (counts)	Nucleotide positions within reference genome	Nucleotide alleles at codon position 1 (counts)	Nucleotide alleles at codon position 2 (counts)	Nucleotide alleles at codon position 3 (counts)	Notes
Thr25	T(15864)	10127-10129	a(15874)	c(15874)	t(15862),c(2)	The synonymous variants are potentially affected by sequencing artefacts and are found in two sequences from California.
Leu27	L(15874)	10133-10135	c(15874)	t(15874)	t(15873),c(1)	Synonymous variant found in isolate from England EPI_ISL_441017.
His41	H(15812)	10175-10177	c(15812)	a(15812)	t(15812)	
Cys44	C(15813)	10184-10186	t(15813)	g(15814)	c(15812),t(2)	Synonymous variants from England (EPI_ISL_433694) and the Netherlands (EPI_ISL_422661) from seemingly two different mutation events.
Met49	M(15809),i(1)	10199-10201	a(15812)	t(15810)	g(15809),t(1)	Sample with I variant from Scotland, EPI_ISL_425839.
Pro52	P(15808),S(2)	10208-10210	c(15808),t(2)	c(15810)	t(15812)	Samples with S variant from Russia, EPI_ISL_428864 and EPI_ISL_428863 .
Tyr54	Y(15815)	10214-10216	t(15815)	a(15815)	t(15815)	
Phe140	F(15874)	10472-10474	t(15874)	t(15875)	c(15875)	
Asn142	N(15871),S(1)	10478-10480	a(15872)	a(15871),g(1)	t(15870),c(4)	S variant from USA, EPI_ISL_427164; synonymous variants found in Iceland, Scotland, England and Australia, seemingly from a single mutation.
Ser144	S(15874)	10484-10486	t(15874)	c(15874)	a(15874)	
Cys145	C(15874)	10487-10489	t(15874)	g(15874)	t(15874)	
His163	H(15874)	10541-10543	c(15874)	a(15874)	c(15874)	
His164	H(15874)	10544-10546	c(15874)	a(15874)	t(15874)	
Met165	M(15874)	10547-10549	a(15874)	t(15874)	g(15874)	
Glu166	E(15874)	10550-10552	g(15874)	a(15874)	a(15875)	
Leu167	L(15874)	10553-10555	t(15874)	t(15875)	a(15875)	
Pro168	P(15874),S(1)	10556-10558	c(15874),t(1)	c(15875)	a(15875)	S variant found in USA/NY, EPI_ISL_428789
His172	H(15875)	10568-10570	c(15875)	a(15875)	t(15875)	
Asp187	D(15872)	10613-10615	g(15875)	a(15875)	c(15869),t(3)	Synonymous variants from England and Denmark, apparently from a single mutation event.
Gln189	Q(15874)	10619-10621	c(15874)	a(15875)	a(15875)	
Gln192	Q(15875)	10628-10630	c(15875)	a(15875)	a(15874),g(1)	Synonymous variant from Canada, EPI_ISL_418366.