

Protein	Mutation	Identity	Line 1						Line 2								
			round 0 on W	round 10 on W	round 25 on W	round 25 on 6FW	clone 1	clone 2	clone 3	round 0 on W	round 10 on W	round 25 on W	round 25 on 6FW	clone 1	clone 2	clone 3	
untranslated	A52G																
	A54G																
A2	T66A	silent P2															
	T312C	silent V84															
	T422C	F121S															
	T458C	V133A															
	C558A	silent R166															
	T591C	G177R															
	T681C	silent F207															
	A740G	N227S															
	A759G	silent Q233															
	T780C	silent V240															
	A1090G	I344V															
	T1092C	silent I344															
	C1215T	silent L385															
	A1217G	H386R															
	T1239C	silent A393															
coat, A1	A1344G	M1V															
	T1724C	silent D127															
	T1742C	I133T															
A1	C1789T	P149L															
	C1798T	P152L															
	C1821T	P160S															
	C1905T	P188S															
	A1956G	K205E															
	T2006G	S221R															
	C2011A	T223N															
	T2051C	silent L236															
	T2090C	silent D249															
	T2099C	silent Y252															
	G2208A	A289T															
	G2217A	V295M															
	T2231C	silent F296															
	replicase	A2363G	silent R4														
G2451A		A34T															
G2533A		G61E															
T2558C		silent N69															
T2774C		silent D141															
TG3087-8CA		C246H															
G3099A		D250N															
T3219C		L290P															
G3294A		V315I															
A3309T		I320F															
A3470G		silent E373															
T3489C		F380L															
A3517T		S389F															
A3653C		silent T434															
T3684C		S445P															
A3838G		D496A															
G3896A		silent S515															
T4019C	G580D																
G4090A	E588K																
Totals																	
	Total Unique Mutations	Totals Mutations		W	95%6FW		Line 1 Total	W	95%6FW		Line 2 Total						
		population	clones	population	clones	population		clones									
Silent Mutations:	20	5	15	0	3	8	11	0	2	8	10						
Missense Mutations:	29	8	22	1	4	11	16	1	5	11	17						
Total Mutations:	52	13	39	1	7	20	28	1	7	20	28						