Region	UTR							REP													UTR									
Genomic position (NC031753)	36	40	54	76	79	115	178	317	515	557	579	662	725	800	837	876	890	968	1007	1061	1136	1148	1149	1160	1174	1182	1183	1328	1329	1333
Nt	G	G	A	C	T	G	T	A	C	A	T	G	A	T	T	C	C	T	A	G	G	G	T	A	G	G	C	A	T	C
Case 3											G		T		C							T		T						
											S122A																			
Case 35											G		T		C									T						
											S122A																			
Case 36															C								A	T			A			
Case 39							C			T	G	T	T		C									T						T
											S122A																			
Case 40		A	T	T	A	T		G	A					A	C	T		A	C	T	T			T	A	A	G	C	C	
Case 52	C				A										C		T							T						

Region	CAP																																				
Genomic position (NC031753)	1345	1384	1405	1426	1438	1482	1483	1519	1533	1579	1583	1585	1600	1670	1693	1696	1714	1726	1732	1751	1756	1758	1795	1819	1825	1834	1846	1900	1901	1902	1910	1933	1939	1941	1951	1968
Nt	G	G	C	C	T	A	G	A	G	A	T	A	C	A	C	A	T	T	T	G	T	C	G	A	T	T	T	T	C	G	G	T	C	T	T	C
Case 3									T			C						C		C	C					A	G		T	T	A					
									L150I											T77S									R27K		A24V					
Case 35									T									C		C	C					A	G		T	T	A					
									L150I											T77S									R27K		A24V					
Case 36									T				T	T				C		C			T			A	G			T		G				
									L150I					F104Y						T77S																
Case 39									T									C		C	C					A	G		T	T	A					
									L150I											T77S									R27K		A24V					
Case 40	T	A	T	T	C	T	A	T		T	C					T	G	C	A	C		A		C	C	A	G	C		T			T	G	C	G
						S167T					K133R									T77S		A75S														A5P
Case 52									T					T	T			C		C						A	G			T		G				
									L150I					F104Y						T77S																