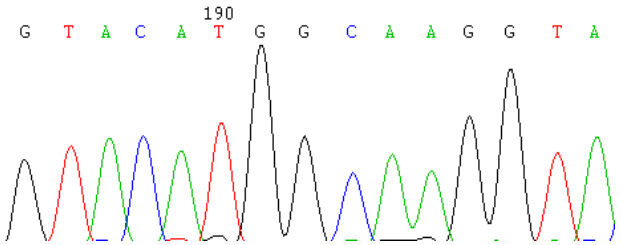
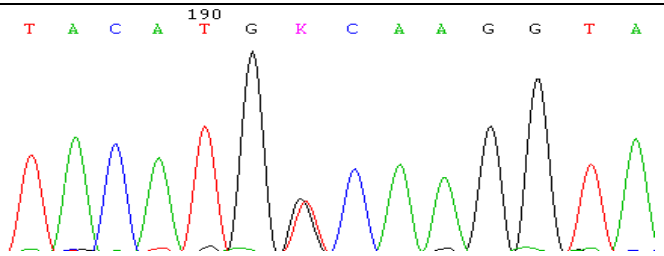
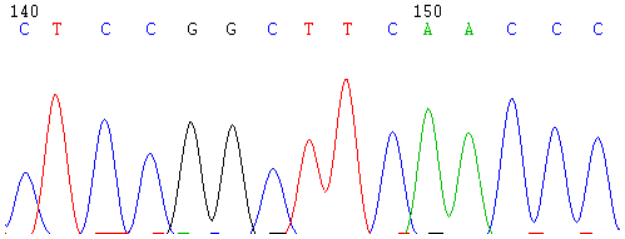
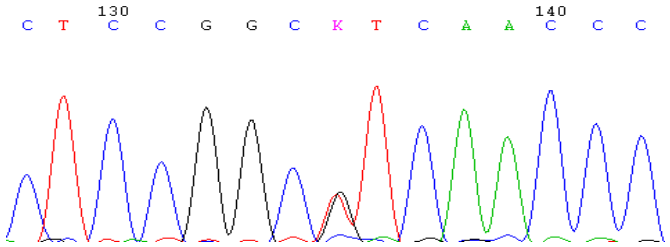
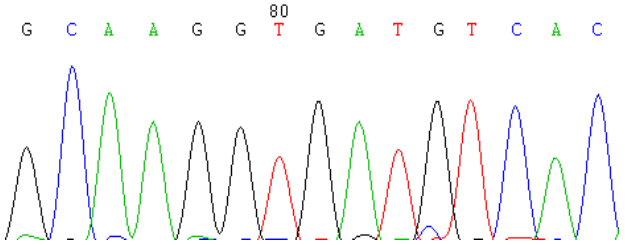
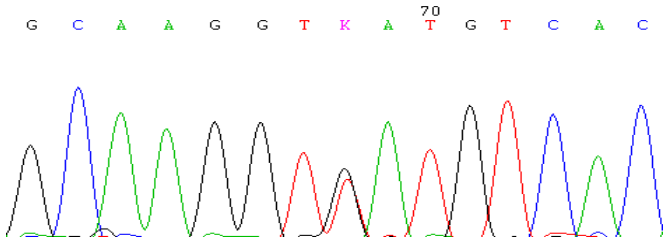
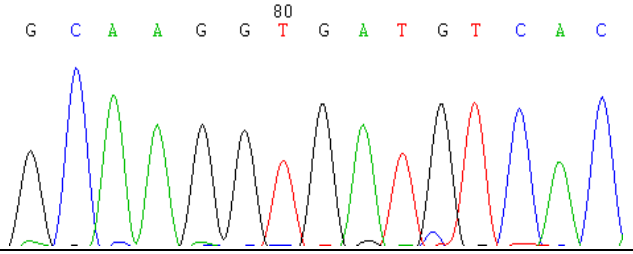
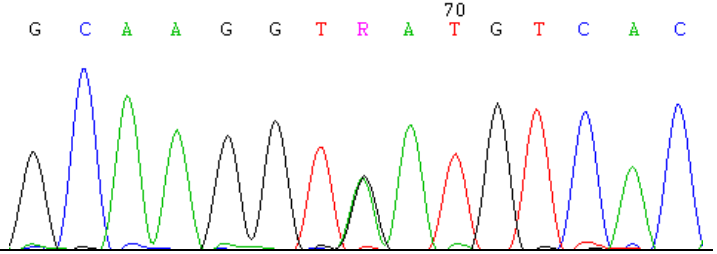
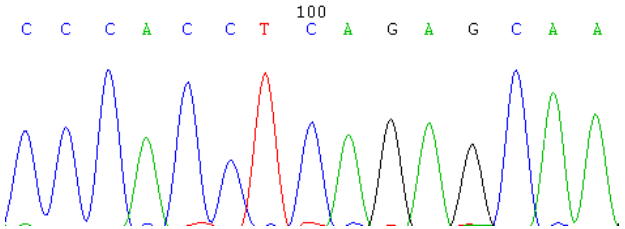
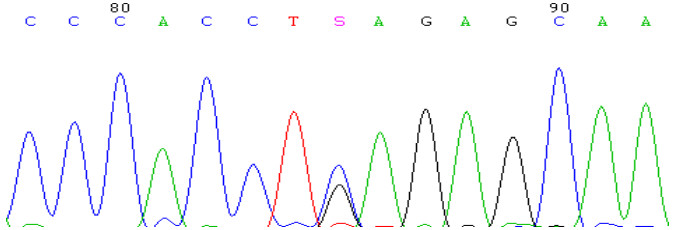
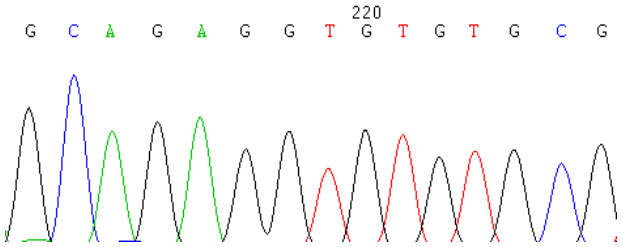
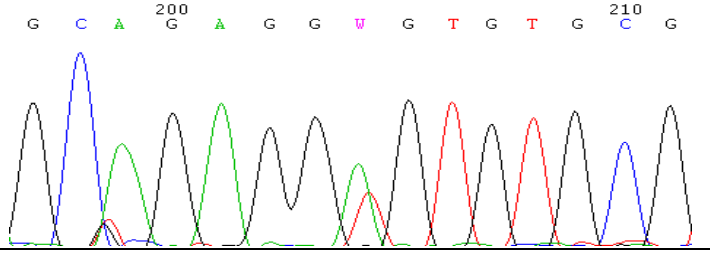
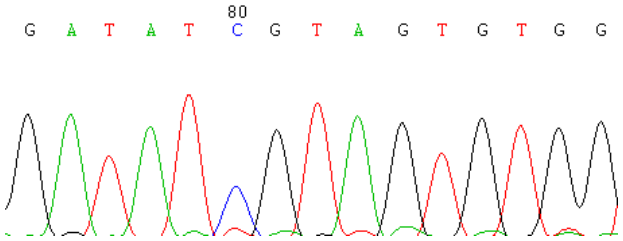
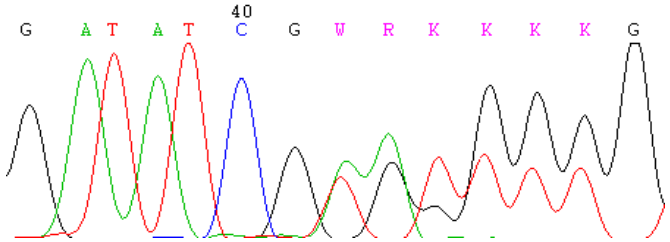
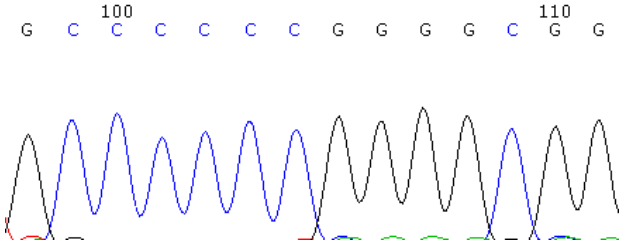
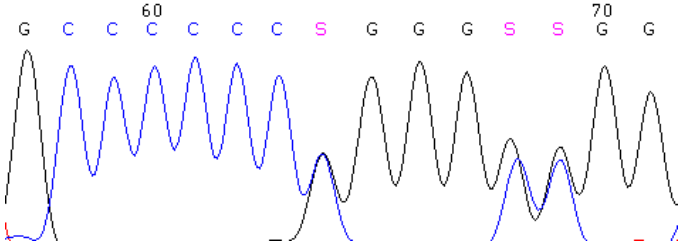
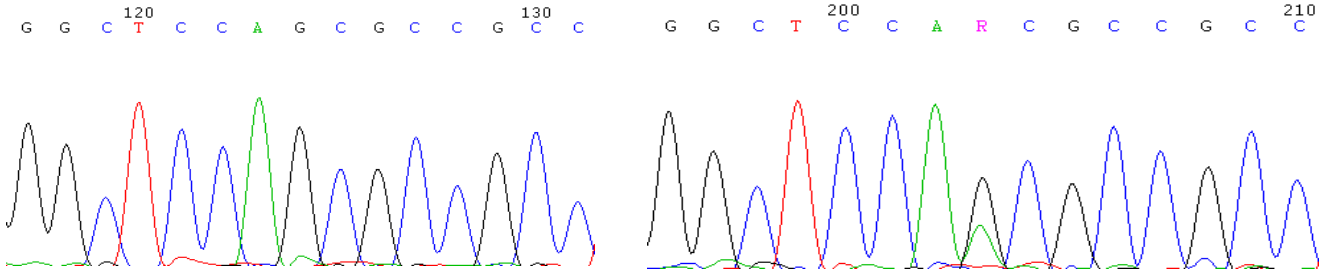
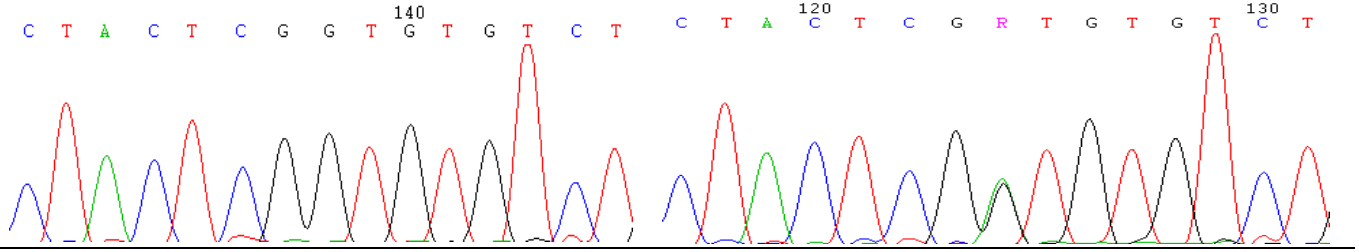
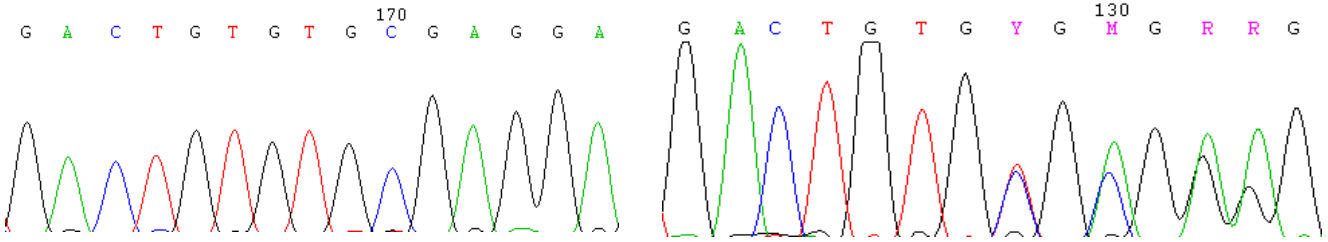
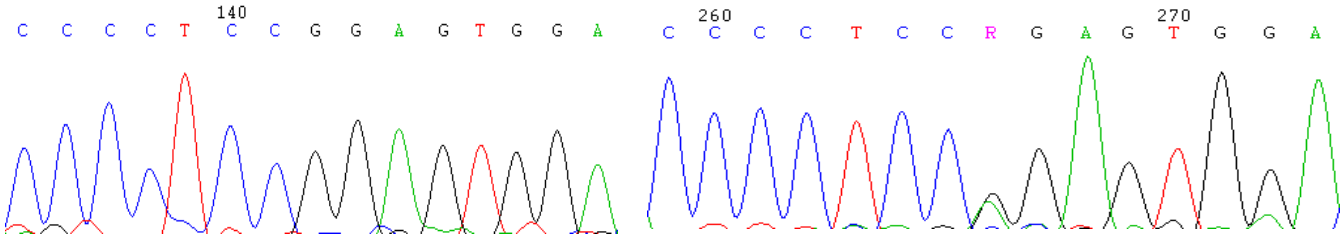
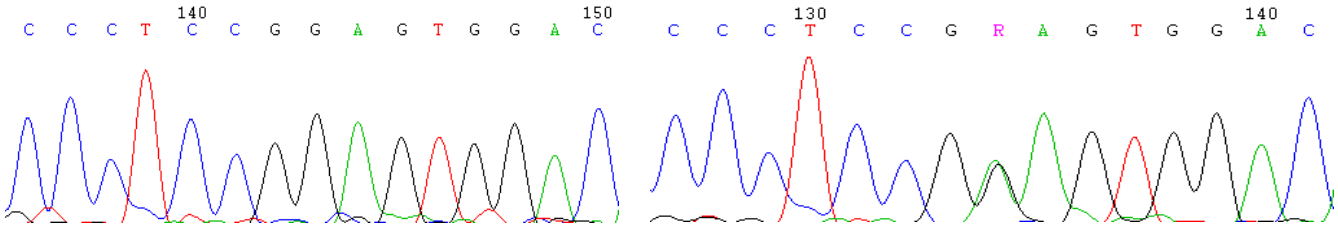
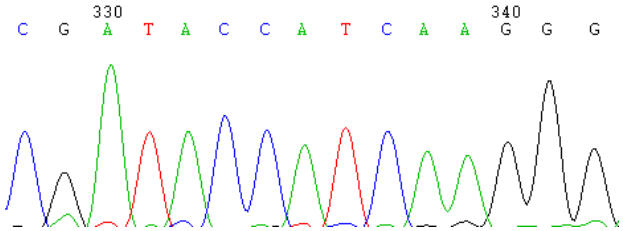
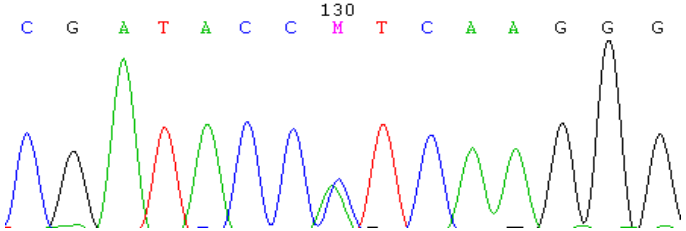
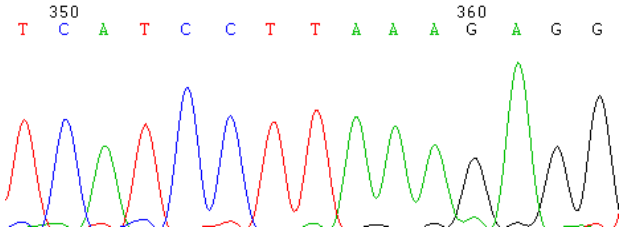
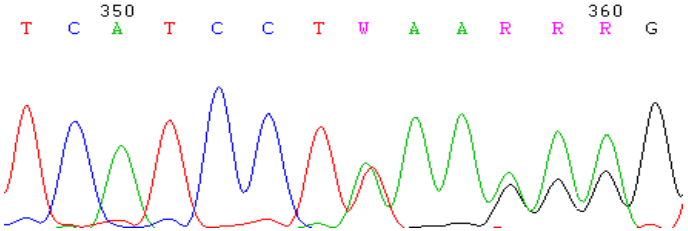
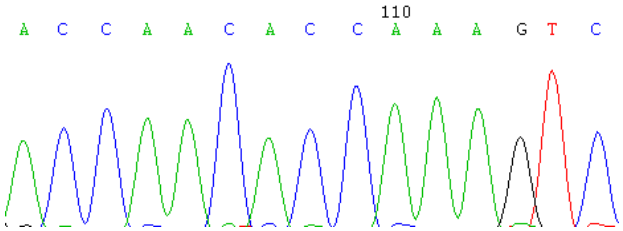
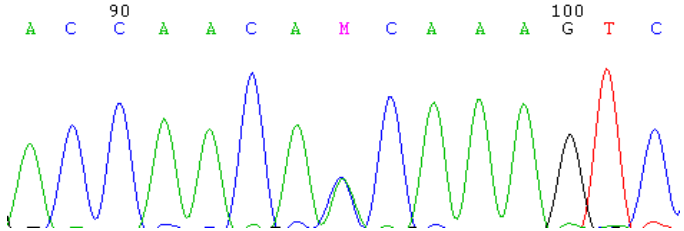
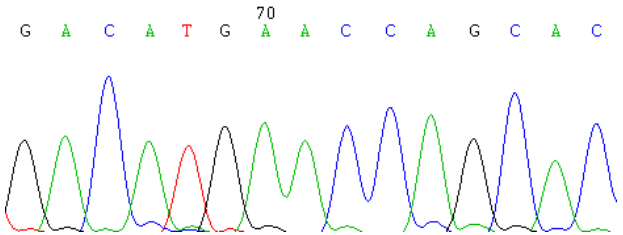
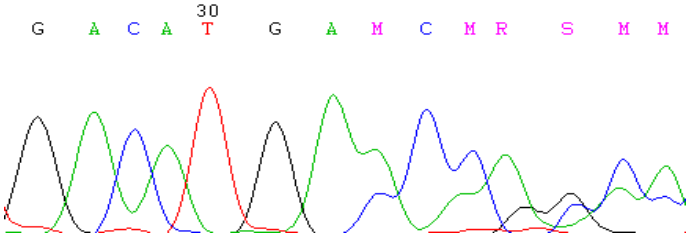
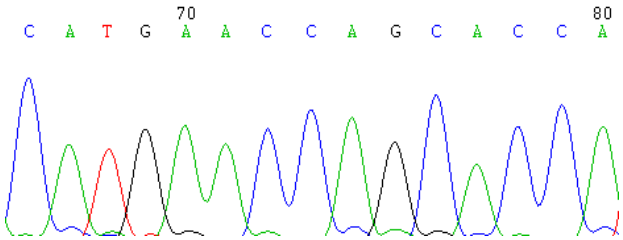
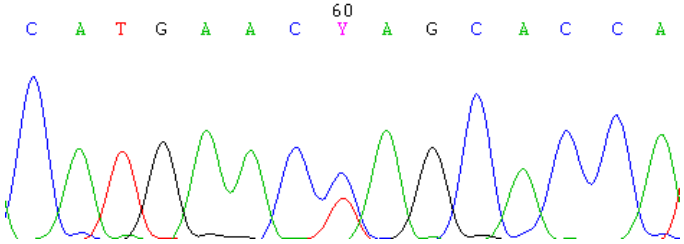
Figure 3-source data 1.

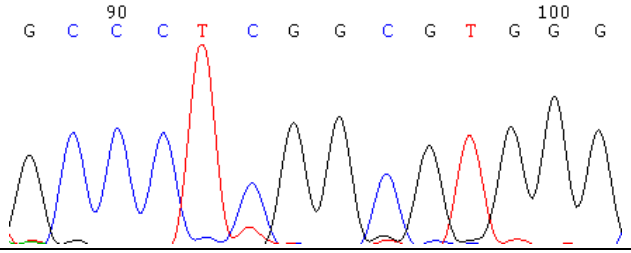
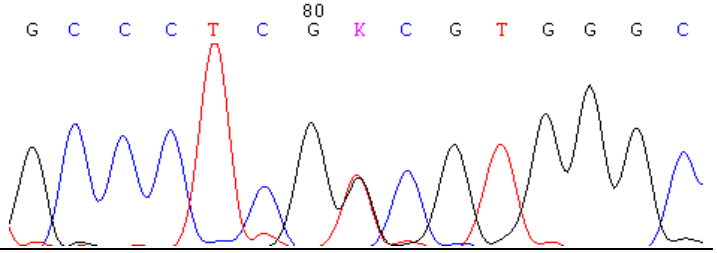
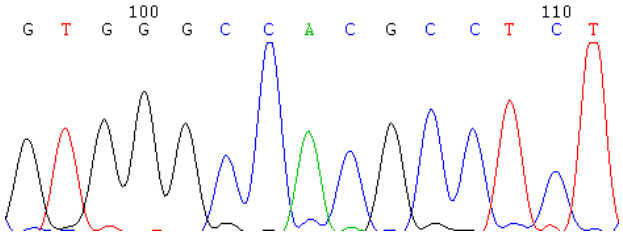
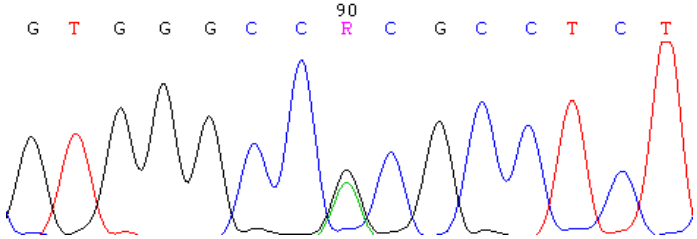
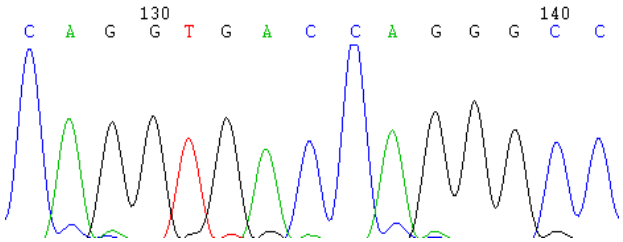
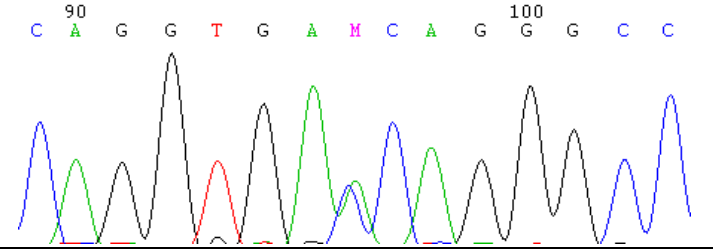
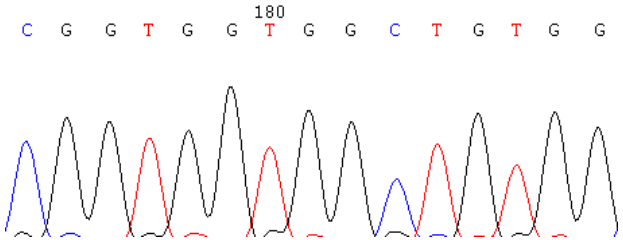
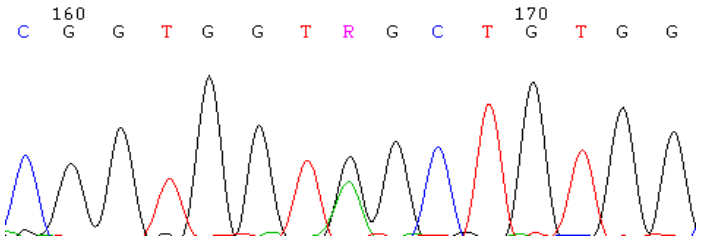
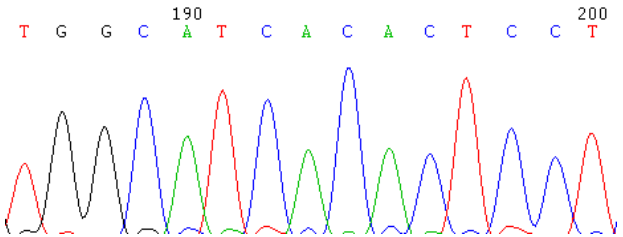
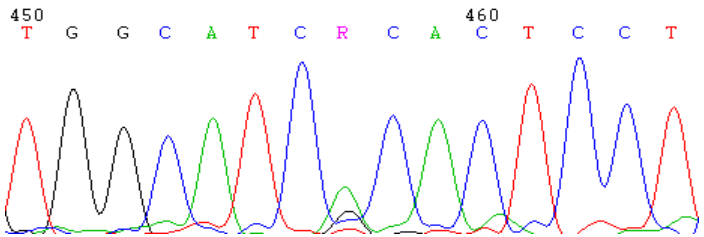
Sanger sequencing chromatograms of normal control and PK patients at 48 mutation sites in *MVK*, *PMVK*, *MVD* and *FDPS*.

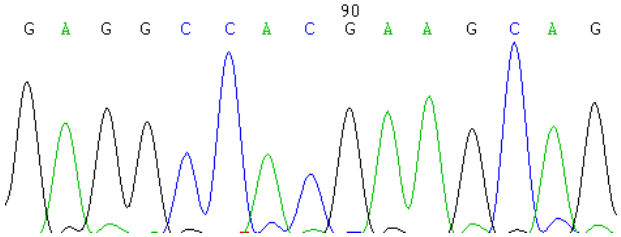
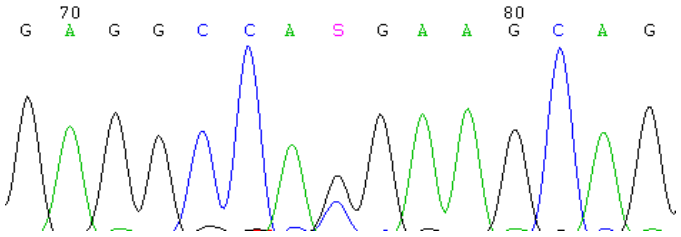
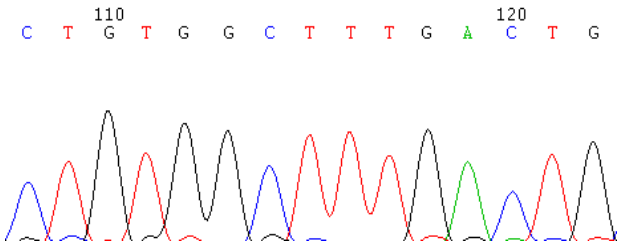
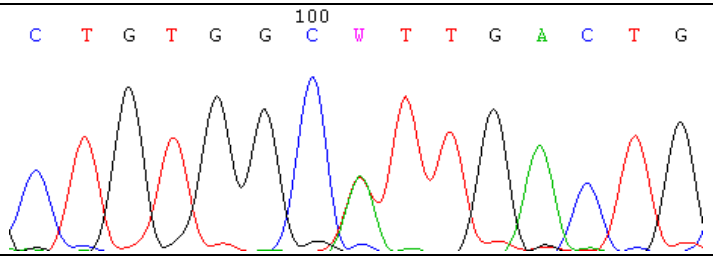
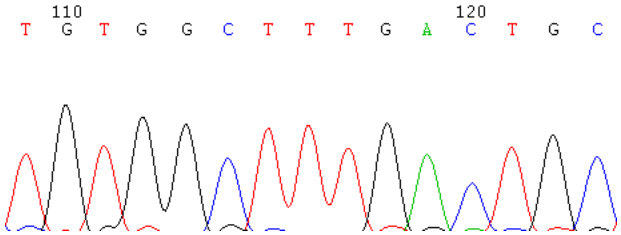
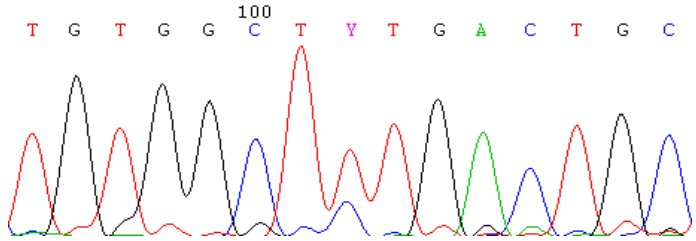
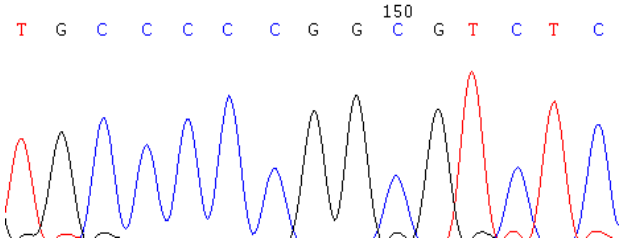
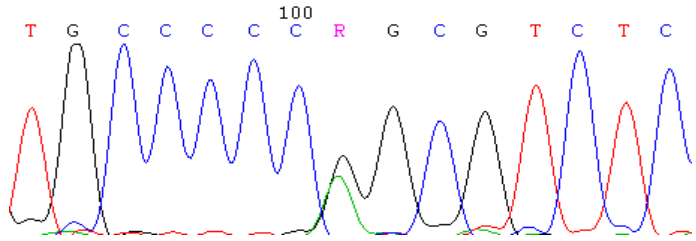
No.	Genes	Mutations	Chromatograms	
			From Normal Control	From PK Patients
1	*MVK*	**c.74G>T**		
2	*MVK*	**c.122T>G**		
3	*MVK*	**c.235G>T**		
4	*MVK*	**c.235G>A**		

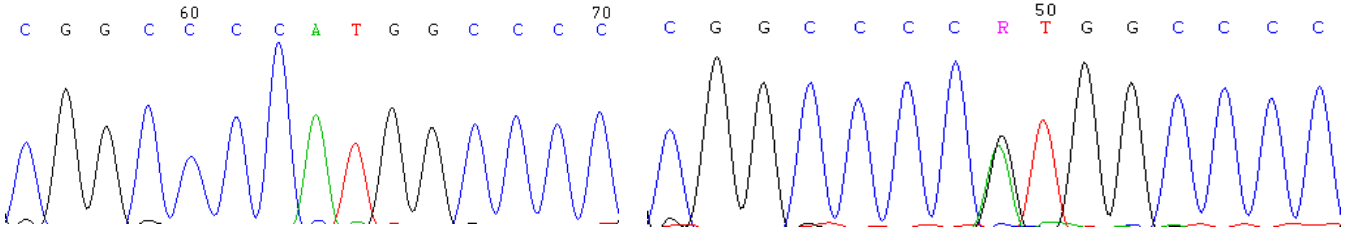
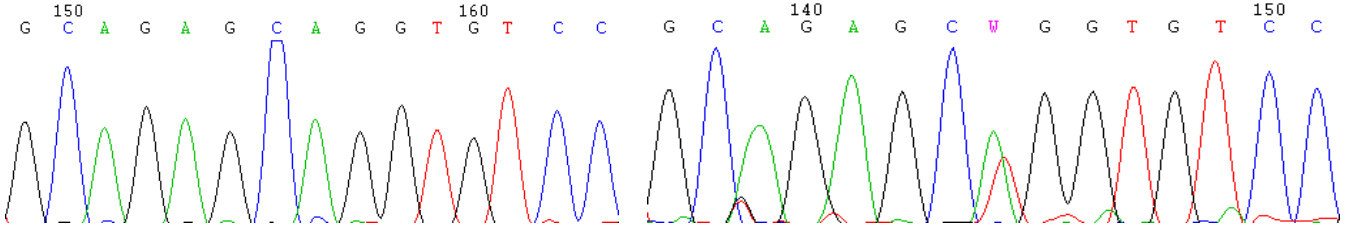
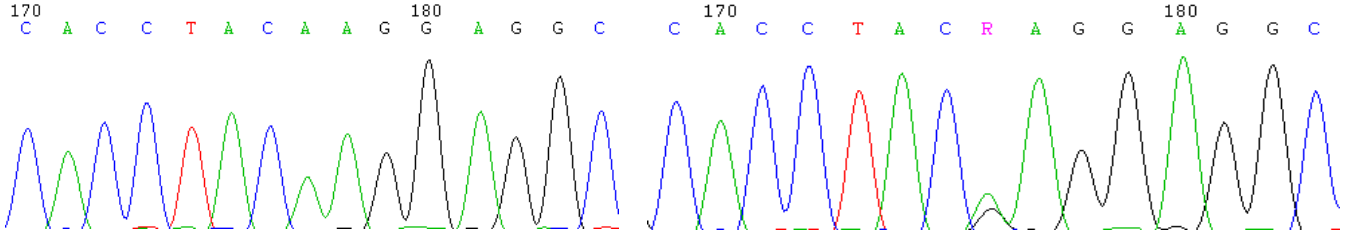
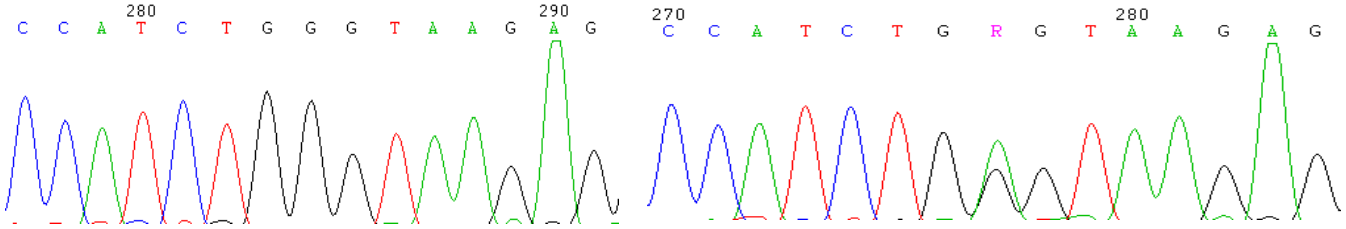
5	*MVK*	**c.254C>G**		
6	*MVK*	**c.371+2T>A**		
7	*MVK*	**c.395del**		
8	*MVK*	**c.417dup**		

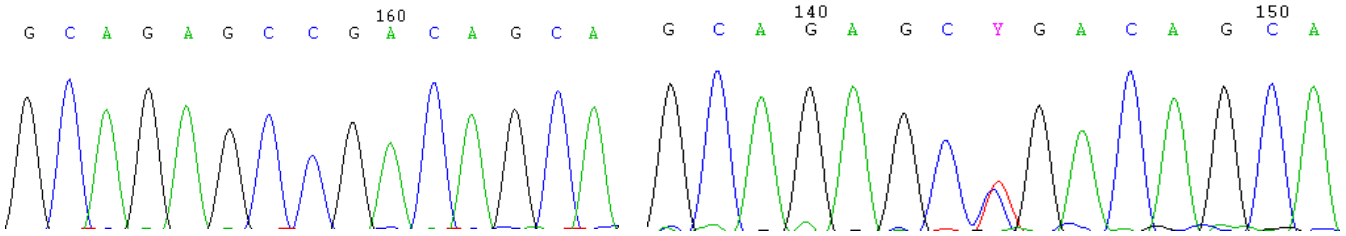
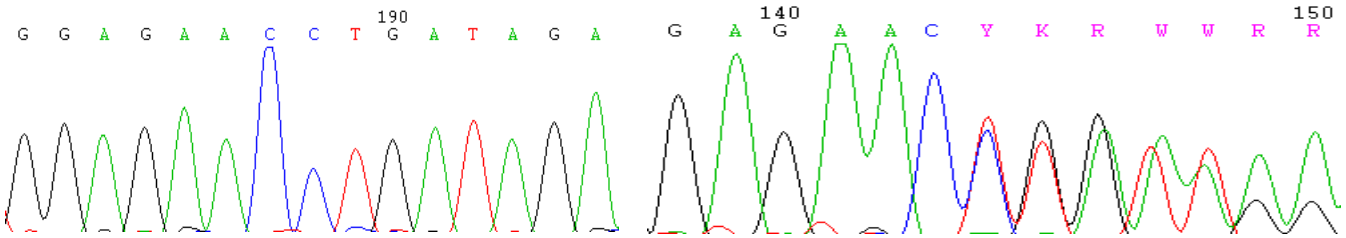
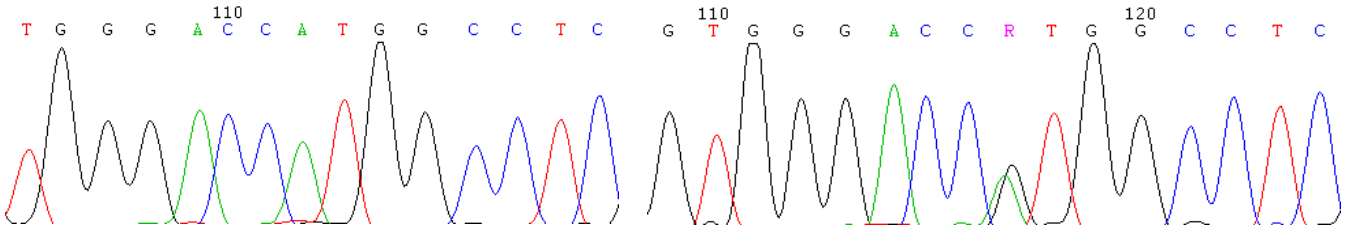
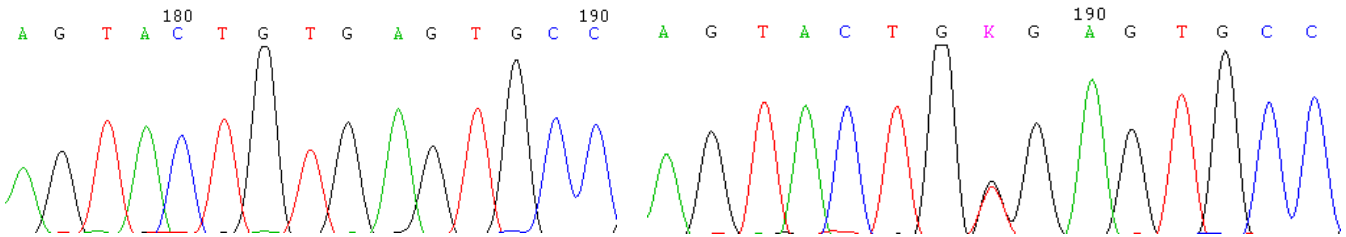
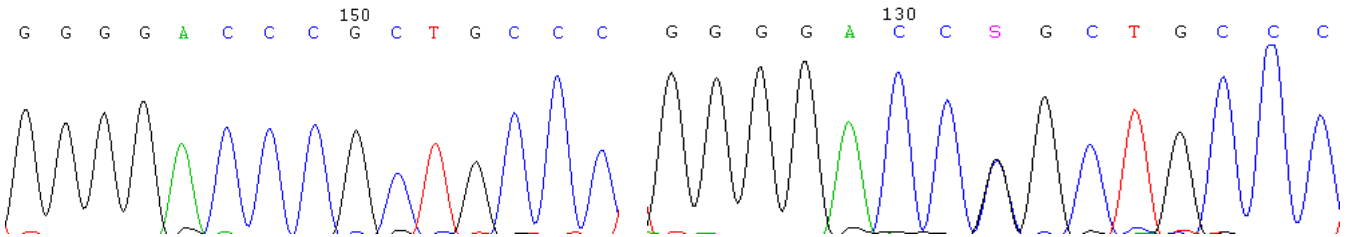
9	*MVK*	**c.437G>A**	
10	*MVK*	**c.451G>A**	
11	*MVK*	**c.481_482del**	
12	*MVK*	**c.604G>A**	
13	*MVK*	**c.605G>A**	

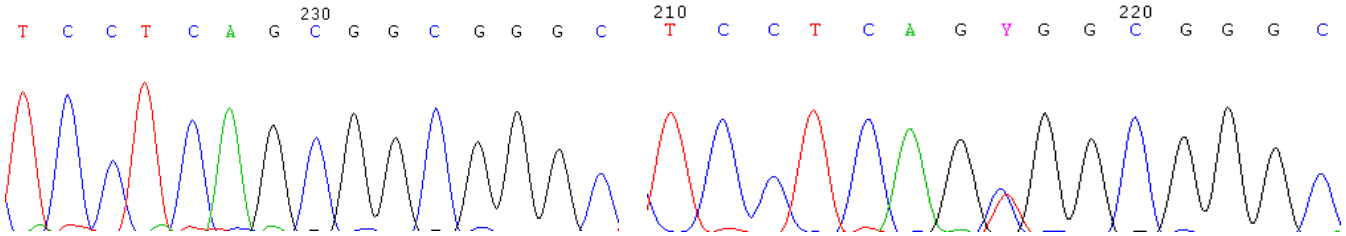
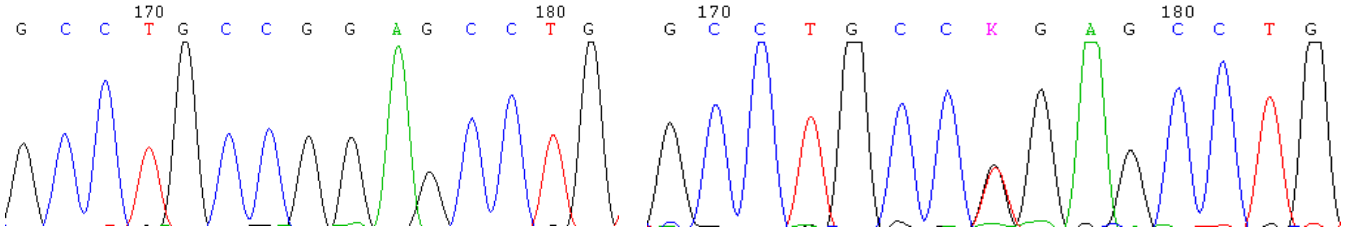
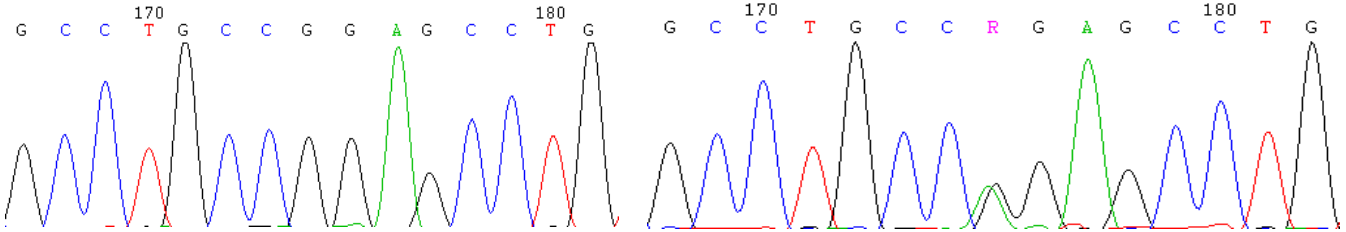
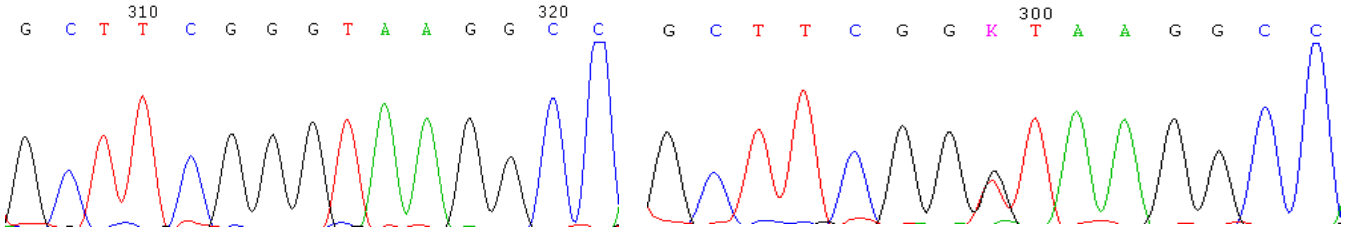
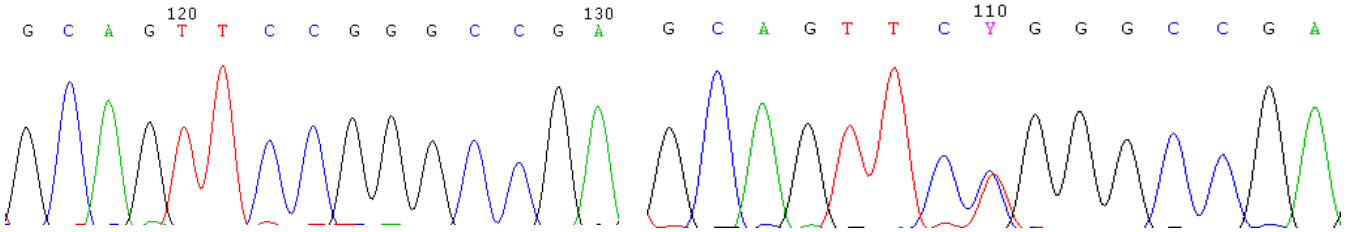
14	*MVK*	**c.650A>C**		
15	*MVK*	**c.671del**		
16	*MVK*	**c.710C>A**		
17	*MVK*	**c.902del**		
18	*MVK*	**c.904C>T**		

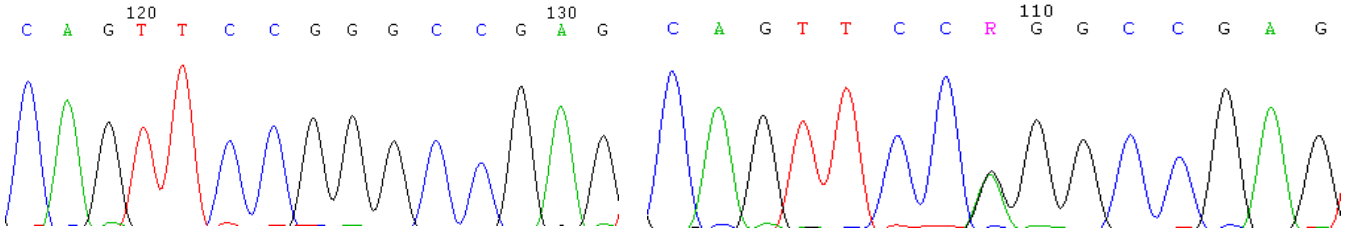
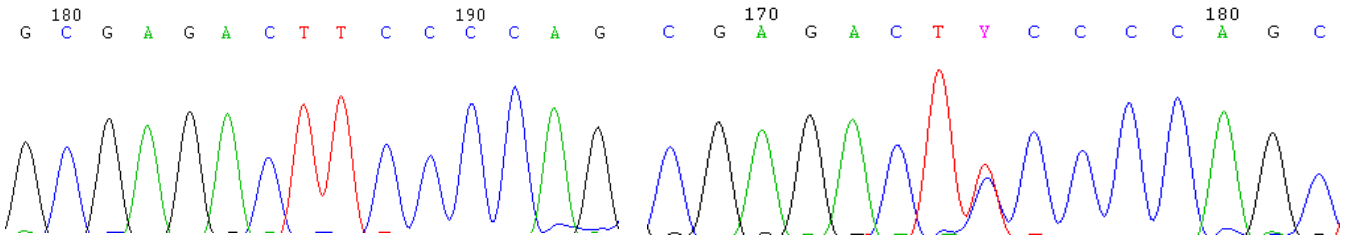
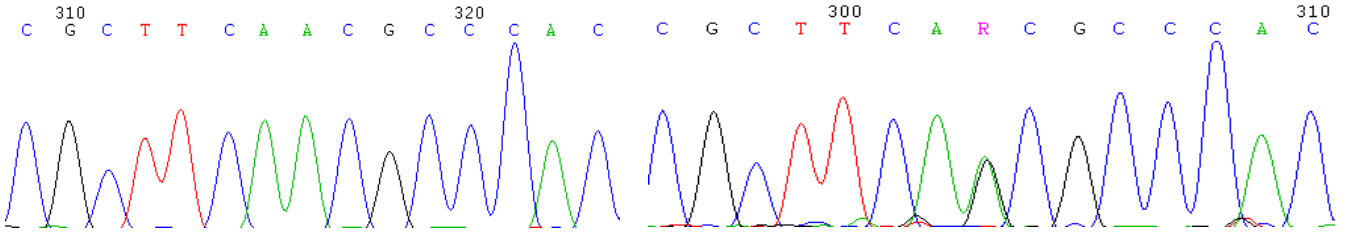
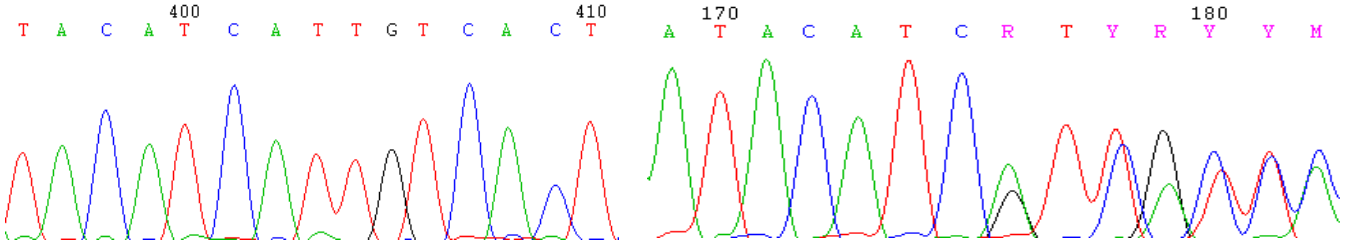
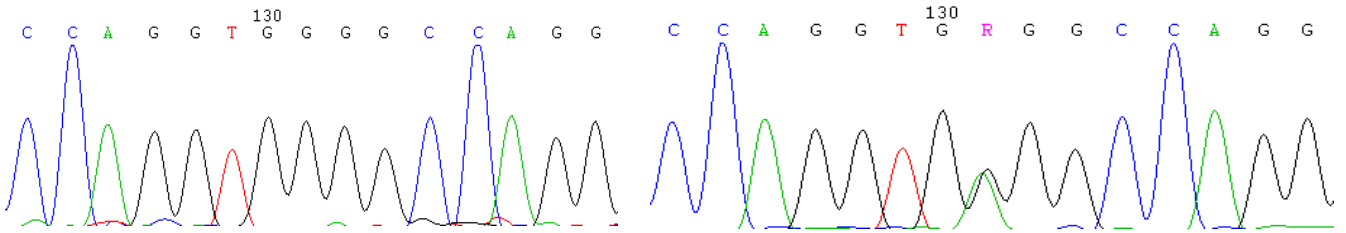
19	*MVK*	**c.926G>T**		
20	*MVK*	**c.935A>G**		
21	*MVK*	**c.965C>A**		
22	*MVK*	**c.1012G>A**		
23	*MVK*	**c.1024A>G**		

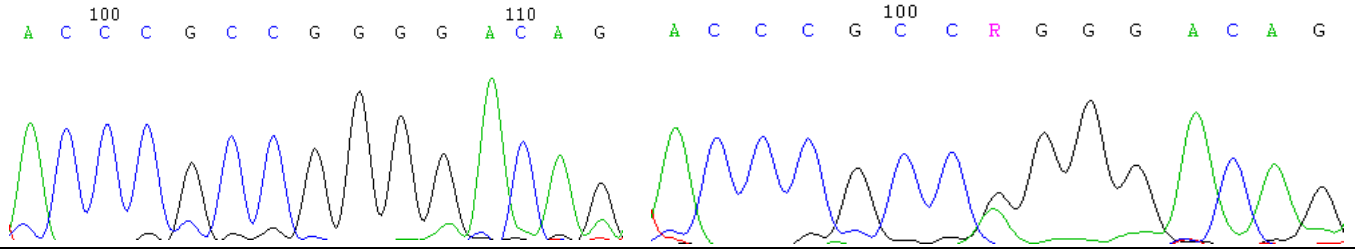
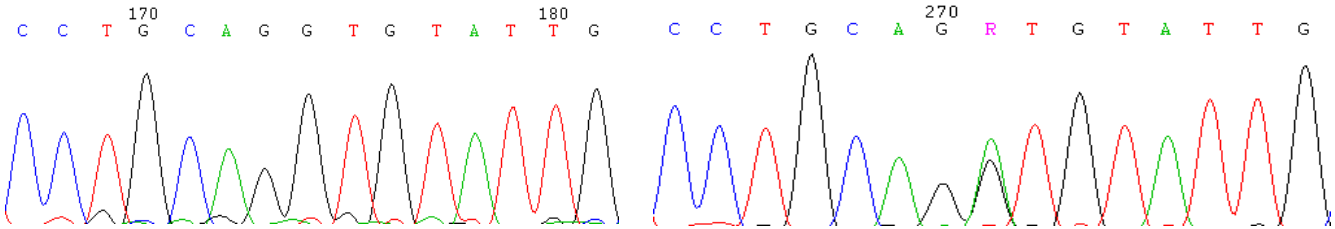
24	*MVK*	**c.1067C>G**		
25	*MVK*	**c.1093T>A**		
26	*MVK*	**c.1094T>C**		
27	*MVK*	**c.1126G>A**		

28	*PMVK*	**c.1A>G**	
29	*PMVK*	**c.94A>T**	
30	*PMVK*	**c.205A>G**	
31	*PMVK*	**c.312G>A**	

32	*PMVK*	**c.412C>T**	
33	*PMVK*	**c.550del**	
34	*MVD*	**c.1A>G**	
35	*MVD*	**c.70+2T>G**	
36	*MVD*	**c.302C>G**	

37	*MVD*	**c.383C>T**	
38	*MVD*	**c.482G>T**	
39	*MVD*	**c.482G>A**	
40	*MVD*	**c.678+1G>T**	
41	*MVD*	**c.682C>T**	

42	*MVD*	**c.683G>A**	
43	*MVD*	**c.746T>C**	
44	*MVD*	**c.875A>G**	
45	*MVD*	**c.1111_1113 del**	
46	*MVD*	**c.1126G>A**	

47	*FDPS*	**c.338G>A**	
48	*FDPS*	**c.486+1G>A**