

**Additional file 1: Table S1.** Frequency of individuals with different genotype combinations at residues F1534, S989 and V1016.

	Genotype*			N (frequency)
	F1534	S989	V1016	
	FF	SS	VV	29 (0.04)
	FC	SS	VV	147 (0.18)
	FL	SS	VV	37 (0.05)
	CC	SS	VV	216 (0.27)
	LL	SS	VV	17 (0.02)
	LC	SS	VV	157 (0.19)
	FF	SP	VG	45 (0.06)
	FC	SP	VG	108 (0.13)
	FL	SP	VG	29 (0.04)
	CC	SP	VG	0
	LL	SP	VG	0
	LC	SP	VG	0
	FF	PP	GG	29 (0.04)
	FC	PP	GG	0
	FL	PP	GG	0
	CC	PP	GG	0
	LL	PP	GG	0
	LC	PP	GG	0

\*All samples were homozygous (TT) at residue T1520