

**a**

SNP Position	nucl. change	a.a. change	PR00H2*757	PR00H2*758	PR00H2*1195	PR00H2*1482	PR00H2*1496	PR00H2*1766	PR00H2*1945	PR00H2*2026	Minor allele	%
Exon 4	C->T	Arg185Trp	PR00H2*757								T=a1	37%
Exon 4	G->A	Arg185Gln	PR00H2*758								A=a2	5%
Exon 8	C->T	Leu331Leu	PR00H2*1195								T=a1	36%
Exon 11	C->T	Asp426Asp	PR00H2*1482								T=a2	13%
Exon 11	G->A	Arg431His	PR00H2*1496								A=a1	11%
Exon 13	A->G	Gln521Arg	PR00H2*1766								G=a1	5%
Exon 14	T->C	Leu581Leu	PR00H2*1945								C=a2	17%
3'UTR	C->T	N/A	PR00H2*2026								T=a2	4%

**b**

**Haplotype transmission**

AS+COS		AS(ChS)+COS													
T	nT	T	nT												
55	63	30	42	2	1	2	1	2	2	1	1				30.0%
53	50	38	32	1	1	1	1	2	2	1	1				27.5%
26	9	18	2	2	1	2	2	2	2	2	1				10.5%
12	14	8	11	2	1	2	1	1	2	1	1				8.2%
5	9	4	7	2	2	2	1	2	2	1	1				4.0%
6	1	4	1	1	1	2	1	2	2	1	1				3.5%
7	7	5	6	2	1	1	1	2	2	1	1				3.3%
3	4	3	3	2	1	2	1	2	1	2	2				1.9%
3	4	1	2	1	1	1	1	2	1	2	2				1.4%
				2	1	1	1	1	2	1	1				1.2%
				2	1	2	2	2	2	1	1				0.9%
				1	1	2	2	2	2	1	1				0.9%
11	19	7	12	2	1	2	1	2	2	2	1				0.7%
				1	1	2	1	1	2	1	1				0.6%
				1	1	1	1	2	1	2	1				0.2%
				2	2	2	1	2	2	2	1				0.2%
				1	1	1	2	2	2	1	1				0.2%