

NAT2 genotype combinations, deduced alleles and predicted haplotype pairs in a Romanian (RO) and Kyrgyz (KG) study population

Hetero- zygous SNPs No.	Genotype combination‡							RO N=140	KG N=290	Allele†	Best haplotype pair‡
	Nucleotide position										
	282	341	481	590	803	857	3'UTR				
0	CC	TT	CC	GG	AA	GG	TT	16	47	*4/*4	#4/#4
	CC	CC	TT	GG	GG	GG	TT	14	6	*5B/*5B	#5B/#5B
	CC	CC	TT	GG	GG	GG	CC	1	0	*5B/*5B	#5B/#5B
	TT	TT	CC	GG	AA	AA	TT	0	4	*7B/*7B	#7B/#7B
	TT	TT	CC	AA	AA	GG	TT	14	21	*6A/*6A	#6A/#6A
1	CC	TT	CC	GG	AG	GG	TT	0	2	*4/*12A	#4/#12A
	CC	TT	CC	GA	AA	GG	TT	0	2	*4/*6B	#4/#6B
	CC	TT	CT	GG	AA	GG	TT	0	7	*4/*11A	#4/#11A
	CC	CC	TT	GG	GG	GG	TC	2	2	*5B/*5B	#5B/#5B
	CC	CC	CT	GG	GG	GG	TT	3	2	*5B/*5C	#5B/#5C
	CC	CC	TT	GG	AG	GG	TT	6	0	*5A/*5B	#5A/#5B
2	CC	TC	CC	GG	AG	GG	TT	2	5		#4/#5C
	CC	TC	CT	GG	AA	GG	TT	2	0		#4/#5A
	CC	TC	TT	GG	AG	GG	TT	1	0		#5B/#11A
	CC	CC	CT	GG	GG	GG	TC	0	1	*5B/*5C	#5B/#5C
	CT	TT	CC	GG	AA	GA	TT	3	20		#4/#7B
	CT	TT	CC	GA	AA	GG	TT	20	59		#4/#6A
	TT	TT	CC	GA	AA	GA	TT	0	19		#6A/#7B
3	CC	TC	CT	GG	AG	GG	TT	21	40		#4/#5B
	CT	TT	CC	GA	AA	GA	TT	0	4		#6B/#7B
	CT	TT	CC	GG	AG	GA	TT	0	1		#7B/#12A

	CT	TT	CT	GA	AA	GG	TT	1	3	#6A/#11A
4	CC	TC	CT	GG	AG	GG	TC	2	2	#4/#5B
	CT	TC	CC	GG	AG	GA	TT	0	1	#5C/#7B
	CT	TC	CC	GA	AG	GG	TT	2	2	#5C/#6A
	CT	TC	CT	GA	AA	GG	TT	1	0	#5A/#6A
5	CT	TC	CT	GG	AG	GA	TT	1	15	#5B/#7B
	CT	TC	CT	GA	AG	GG	TT	27	22	#5B/#6A
6	CT	TC	CT	GG	AG	GA	TC	0	2	#5B/#7B
	CT	TC	CT	GA	AG	GG	TC	1	1	#5B/#6A

† Unambiguous alleles and best haplotypes pairs based on SNPs 282C>T, 341T>C, 481C>T, 590G>A, 803A>G, 857G>A

‡ Variants in bold