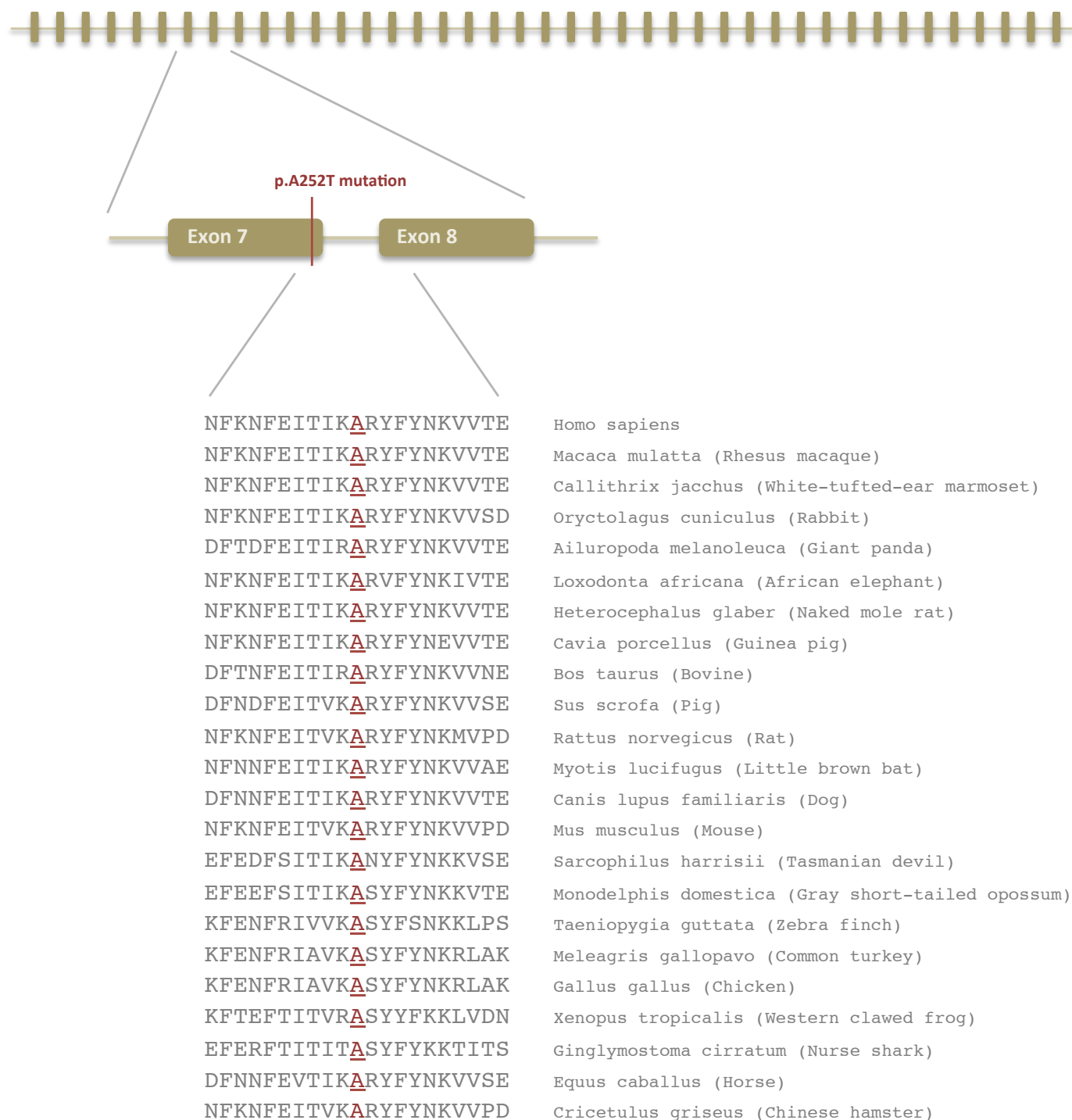


Supplementary Table 1. Allelic frequencies of C5 c.754G>A / p.A252T mutation.

Continental Region	Country	Alleles tested	Mut allele	Mut Allelic frequency (%)
SSAFR	South-Africa	16	1	6.25
SSAFR	Kenya	24	0	0
SSAFR	Namibia	14	0	0
SSAFR	Central African Rep.	72	0	0
SSAFR	Nigeria	50	1	2
SSAFR	Democratic Rep. Congo	30	0	0
SSAFR	Gabon	704	7	1
AME	Senegal	48	0	0
AME	Brazil	90	0	0
AME	Mexico	100	0	0
AME	Colombia	26	0	0
EASIA	China	368	0	0
EASIA	Japan	62	0	0
EASIA	Cambodia	22	0	0
EASIA	Siberia	50	0	0
CSASIA	Pakistan	400	1	0.25
MENA	Algeria	252	0	0
MENA	Israel (Carmel)	96	0	0
MENA	Israel (Central)	102	0	0
MENA	Israel (Negev)	98	1	1.03
MENA	Morocco	508	0	0
MENA	Tunisia	494	0	0
MENA	Libya	342	0	0
OCE	Bougainville	44	0	0
OCE	New Guinea	34	0	0
EUR	France	106	0	0
EUR	Italy	72	0	0
EUR	Italy (Bergamo)	28	0	0
EUR	Orkney Islands	32	0	0
EUR	Russia	50	0	0
EUR	Russia Caucasus	34	0	0
EUR	Local population (Barcelona, Catalonia)	1052	0	0
	TOTAL	5420	11	0.21

SSAFR: South-Saharan Africa; AME: America; EASIA: East Asia; CSASIA: Central and South Asia; MENA: Middle-East and North Africa; OCE: Oceania; EUR: Europe.

C5 gene (chr 9q33-q34). 41 exons.



Supplementary Figure 1. Phylogenetic comparison of human C5 protein sequence.

C5 multiple sequence alignment focusing on A252 is shown. Amino acid sequences from different organisms have been obtained from UniProt database (<http://www.uniprot.org>).