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SUPPLEMENTARY MATERIAL

Association between *COMMD1* gene polymorphism rs11125908 and rheumatoid arthritis in the Cuban population

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Supplementary Table I. Basic information and allele frequencies of the SNP rs11125908 in the world, European, African, Japanese, Latin American and American populations (<https://www.ncbi.nlm.nih.gov/snp/rs11125908>). Single nucleotide polymorphisms located Chromosome 2, positions 62122368 according to the genomic version GRCh38.p13.

Study	Population	Sample size	Reference allele	Minor allele
HGDP-CEPH-db Supplement 1	Africa	242	A=0.942	G=0.058
HapMap	African	692	A=0.949	G=0.051
gnomAD - Genomes	African	41966	A=0.90685	G=0.09315
Allele Frequency Aggregator	African	7092	A=0.9028	G=0.0972
1000Genomes_30x	African	1786	A=0.9541	G=0.0459
1000Genomes	African	1322	A=0.9584	G=0.0416
HGDP-CEPH-db Supplement 1	America	216	A=0.611	G=0.389
HapMap	American	768	A=0.759	G=0.241
gnomAD - Genomes	American	13614	A=0.68084	G=0.31916
1000Genomes_30x	American	980	A=0.676	G=0.324
1000Genomes	American	694	A=0.683	G=0.317
HGDP-CEPH-db Supplement 1	Europe	320	A=0.662	G=0.338
HapMap	Europe	176	A=0.705	G=0.295
1000Genomes_30x	Europe	1266	A=0.6643	G=0.3357
1000Genomes	Europe	1006	A=0.6750	G=0.3250
gnomAD - Genomes	European	75784	A=0.67304	G=0.32696
Allele Frequency Aggregator	European	175542	A=0.665613	G=0.334387
8.3KJPN	JAPANESE	16760	A=0.70758	G=0.29242
14KJPN	JAPANESE	28258	A=0.70936	G=0.29064
Allele Frequency Aggregator	Latin American 1	844	A=0.768	G=0.232
Allele Frequency Aggregator	Latin American 2	6838	A=0.6648	G=0.3352
gnomAD - Genomes	Global	139950	A=0.746795	G=0.253205
1000Genomes	Global	5008	A=0.7817	G=0.2183
TopMed	Global	264690	A=0.742756	G=0.257244
This study	Cuba	150	A=0.7033	G=0.2967

Supplementary Table II. Distribution of allele and genotypic frequencies of the rs11125908 polymorphism of the *COMMD1* gene in arthritis rheumatoid patients according to color skin self-classification.

Alleles/Genotypes	Color skin Self-Classification			
	White (n=74)	Frequency	Non-White (n=87)	Frequency
A	104	0.7027	135	0,77586207
G	44	0.2973	39	0,22413793
AA	42	0,56756757	60	0,68965517
AG	20	0,27027027	15	0,17241379
GG	12	0,16216216	12	0,13793103