

## HGD haplotypes in the normal Spanish population

Name of haplogro	Aprox. frequency	Polymorphic markers						
		IVS2+35A/T	c.240A/T	HGO-3 <sup>a</sup>	HGO-1	IVS5+25T/C	IVS6+46A/C	HGO-2 <sup>a</sup>
<b>HGO-A</b>	<b>0.60</b>	A	T(A)	189	161	T	C	181
				193				187
				195				
				197				
<b>HGO-B</b>	<b>0.10</b>	A	T	189	161	T	A	179
				191				
<b>HGO-C</b>	<b>0.10</b>	T	T	191	161	T	A	179
<b>HGO-D</b>	<b>0.07</b>	T	T	191	161	T	C	- <sup>b</sup>
<b>HGO-E</b>	<b>0.07</b>	A	T	189	163	C	A	187
				193				

a) HGO-2 and HGO-3 alleles that are found predominantly associated to each of the HGO haplotypes.

b) No specific allele was found associated to this haplotype.

(AKUdatabase; <http://www.alkaptonuria.cib.csic.es/> )

(from: Beltran Velero de Bernabe et al. 1998, Am J Hum Genet 62:776-784)