

**Table S2. Haplogroup C1 mitochondrial sequences used to construct control region and complete mitochondrial genome C1 phylogenies.**

<b>C1 clade</b>	<b>Geographic /Ethnic origin</b>	<b>Reference</b>	<b>GenBank accession number</b>
<b>Hypervariable Region I sequences</b>			
C1?	Lebanese	[1]	
C1?	Lebanese	[1]	
C1?	Bashkir	[2]	
C1?	Bashkir	[2]	
C1?	Bashkir	[2]	
C1?	Icelander	[3]	
C1?	Icelander	[3]	
C1?	Icelander	[4]	
C1?	Thai	[5]	
C1?	Indian	[6]	
C1?	Indian	[6]	
C1?	Indian	[6]	
C1?	Indian	[6]	
C1?	Indian	[6]	
C1?	Germany	[7]	
C1?	Canary Islander	[8]	
C1a	Altaiian	[1]	
C1a	Altaiian	[1]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Orok	[9]	
C1a	Highland Kirghiz	[10]	
C1a	Japanese	[11]	
C1a	Japanese	[12]	
C1a	Japanese	[12]	
C1a	Mongolian	[13]	
C1a	Mongolian	[13]	
C1a	Daur	[14]	
C1a	Korea	[15]	
C1a	Kalmyk	[16]	
C1a	Kalmyk	[16]	
C1a	Buryat	[17]	
C1a	Buryat	[17]	
C1a	Buryat	[17]	
C1a	Buryat	[17]	
C1a	Buryat	[17]	

<b>C1 clade</b>	<b>Geographic / Ethnic origin</b>	<b>Reference</b>	<b>GenBank accession number</b>
C1a	Buryat	[17]	
C1a	Ulchi	[18]	
C1a	Starikovskaya	[18]	
C1a	Japanese	[19]	
C1a	Buryat	[19]	
C1a	Japanese	[20]	
<b>Complete mitochondrial genomes</b>			
C1a	Japanese	[20]	AP008311
C1a	Ulchi, Siberia	[18]	AY519496
C1a	Buryat, Siberia	[21]	EF153779
C1a	Nanaitci, Siberia	[22]	EU007858
C1b	Canary	[23]	AF382009
C1b	North America	[24]	AY195759
C1b	Hispanic	[25]	DQ282447
C1b	Hispanic	[25]	DQ282448
C1b	Hispanic	[25]	DQ282449
C1b	Hispanic	[25]	DQ282450
C1b	Hispanic	[25]	DQ282451
C1b	Hispanic	[25]	DQ282452
C1b	Hispanic	[25]	DQ282453
C1b	Hispanic	[25]	DQ282454
C1b	Hispanic	[25]	DQ282455
C1b	Hispanic	[25]	DQ282456
C1b	Hispanic	[25]	DQ282457
C1b	Hispanic	[25]	DQ282458
C1b	Hispanic	[25]	DQ282461
C1b	Hispanic	[25]	DQ282464
C1b	Hispanic	[25]	DQ282469
C1b	Hispanic	[25]	DQ282475
C1b	Hispanic	[25]	DQ282476
C1b	South America, Zoro	[26]	EU095223
C1b	South America, Zoro	[26]	EU095224
C1b	South America, Quechua,	[26]	EU095225
C1b	South America, Quechua	[26]	EU095226
C1b	Brazil, Arara	[26]	EU095227
C1b	South America, Poturujara,	[26]	EU095228
C1b	Brazil/Venezuela, Yanomamö	[26]	EU095229
C1b	Brazil/Venezuela, Yanomamö	[26]	EU095230
C1b	Brazil/Venezuela, Yanomamö,	[26]	EU095231
C1b	Colombia/Venezuela, Wayuu	[27]	EU095549
C1b	United States	[28]	EU431085
C1b	Mexico, Pima	[29]	EU597545

<b>C1 clade</b>	<b>Geographic / Ethnic origin</b>	<b>Reference</b>	<b>GenBank accession number</b>
C1b	Mexico, Pima	[29]	EU597557
C1b	Mexico	[30]	HQ012197
C1b	Mexico	[30]	HQ012236
C1b	Mexico	[30]	HQ012210
C1b	Mexico	[30]	HQ012202
C1b	Mexico	[30]	HQ012208
C1b	Mexico	[30]	HQ012212
C1b	Unknown	[31]	JQ702984
C1b	Unknown	[31]	JQ705451
C1b	Unknown	[31]	JQ701891
C1b	Unknown	[31]	JQ705153
C1b	Chile	[32]	JX413036
C1b	Chile	[32]	JX413037
C1b	Chile	[32]	JX413038
C1b	Chile	[32]	JX413039
C1b	Chile	[32]	JX413040
C1b	Chile	[32]	JX413041
C1b	Chile	[32]	JX413042
C1b	Chile	[32]	JX413043
C1b	Chile	[32]	JX413044
C1b	Chile	[32]	JX413045
C1b	Chile	[32]	JX413046
C1b	Chile	[32]	JX413047
C1b	Chile	[32]	JX413048
C1b	Chile	[32]	JX413049
C1b	Chile	[32]	JX413050
C1b	Chile	[32]	JX413051
C1b	Chile	[32]	JX413052
C1b	Chile	[32]	JX413053
C1b	Chile	[32]	JX413054
C1b	Chile	[32]	JX413055
C1b	Chile	[32]	JX413056
C1c	South America, Arsario	[27]	EU095527
C1c	Colombia, Kogui	[27]	EU095544
C1c	Dominican Republic	[28]	EF079875
C1c	Canada	[28]	EU431086
C1c	United States	[28]	EU431087
C1c	Hispanic	[25]	DQ282459
C1c	Hispanic	[25]	DQ282460
C1c	Hispanic	[25]	DQ282462
C1c	Hispanic	[25]	DQ282463
C1c	Hispanic	[25]	DQ282465

<b>C1 clade</b>	<b>Geographic / Ethnic origin</b>	<b>Reference</b>	<b>GenBank accession number</b>
C1c	Hispanic	[25]	DQ282466
C1c	Hispanic	[25]	DQ282467
C1c	Hispanic	[25]	DQ282468
C1c	Hispanic	[25]	DQ282470
C1c	Hispanic	[25]	DQ282471
C1c	Unknown	[33]	EU327891
C1c	Unknown	[33]	EU327973
C1c	Unknown	[33]	EU617323
C1c	Mexico	[30]	HQ012230
C1c	Mexico	[30]	HQ012223
C1c	Unknown	[31]	JQ704040
C1c	Unknown	[31]	JQ705574
C1c	Unknown	[31]	JQ703827
C1d	Venezuela/Guyana, Warao	[34]	AF347012
C1d	Venezuela/Guyana, Warao	[34]	AF347013
C1d	Colombia, Corequaje	[27]	EU095537
C1d	Hispanic	[25]	DQ282472
C1d	Hispanic	[25]	DQ282473
C1d	Hispanic	[25]	DQ282474
C1d	Brazil/Guyana, WaiWai	[26]	EU095222
C1d	Canada, British Columbia	[35]	GU215075
C1d	Colombia, Mestizos	[36]	HM107313
C1d	Colombia, Mestizos	[36]	HM107314
C1d	Colombia, Mestizos	[36]	HM107315
C1d	USA, Montana	[36]	HM107319
C1d	Mexico, Zacatecas	[36]	HM107321
C1d	Mexico, Sonora	[36]	HM107322
C1d	Argentina, Salta	[36]	HM107323
C1d	Argentina, Buenos Aires,	[36]	HM107327
C1d	Argentina, Buenos Aires	[36]	HM107329
C1d	Mexico, Oaxaca	[36]	HM107334
C1d	USA, Texas,	[36]	HM107335
C1d	Argentina, Buenos Aires	[36]	HM107346
C1d	Uruguay	[36]	HM107348
C1d	Chile, Bio-bío	[36]	HM107350
C1e	Icelandic	[37]	
C1e	Icelandic	[37]	
C1e	Icelandic	[37]	

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