



# Simplified mtDNA lineages

[www.mitomap.org](http://www.mitomap.org), 2009 

 = rCRS

All branch markers have the rCRS nucleotide on the left side of the position number. The defining polymorphism for each haplogroup as it diverges from the rCRS is on the right side of the position number. In some cases arrows are used to clarify directionality.

Note: This tree should not be used as the sole basis for assigning haplotypes.

