

Supplementary Table 1. Gene symbols and names of total 37 genes in human mitochondria

	Symbols	Gene names
protein-coding genes	<i>ATP6</i>	mitochondrially encoded ATP synthase 6
	<i>ATP8</i>	mitochondrially encoded ATP synthase 8
	<i>COX1</i>	mitochondrially encoded cytochrome c oxidase I
	<i>COX2</i>	mitochondrially encoded cytochrome c oxidase II
	<i>COX3</i>	mitochondrially encoded cytochrome c oxidase III
	<i>CYTB</i>	mitochondrially encoded cytochrome b
	<i>ND1</i>	mitochondrially encoded NADH dehydrogenase 1
	<i>ND2</i>	mitochondrially encoded NADH dehydrogenase 2
	<i>ND3</i>	mitochondrially encoded NADH dehydrogenase 3
	<i>ND4</i>	mitochondrially encoded NADH dehydrogenase 4
	<i>ND4L</i>	mitochondrially encoded NADH 4L dehydrogenase
	<i>ND5</i>	mitochondrially encoded NADH dehydrogenase 5
	<i>ND6</i>	mitochondrially encoded NADH dehydrogenase 6
rRNA genes	<i>RNR1</i>	mitochondrially encoded 12S RNA
	<i>RNR2</i>	mitochondrially encoded 16S RNA
tRNA genes	<i>TRNA</i>	mitochondrially encoded tRNA alanine
	<i>TRNC</i>	mitochondrially encoded tRNA cysteine
	<i>TRND</i>	mitochondrially encoded tRNA aspartic acid
	<i>TRNE</i>	mitochondrially encoded tRNA glutamic acid
	<i>TRNF</i>	mitochondrially encoded tRNA phenylalanine
	<i>TRNG</i>	mitochondrially encoded tRNA glycine
	<i>TRNH</i>	mitochondrially encoded tRNA histidine
	<i>TRNI</i>	mitochondrially encoded tRNA isoleucine
	<i>TRNK</i>	mitochondrially encoded tRNA lysine
	<i>TRNL1</i>	mitochondrially encoded tRNA leucine 1
	<i>TRNL2</i>	mitochondrially encoded tRNA leucine 2
	<i>TRNM</i>	mitochondrially encoded tRNA methionine
	<i>TRNN</i>	mitochondrially encoded tRNA asparagine
	<i>TRNP</i>	mitochondrially encoded tRNA proline
	<i>TRNQ</i>	mitochondrially encoded tRNA glutamine
	<i>TRNR</i>	mitochondrially encoded tRNA arginine
	<i>TRNS1</i>	mitochondrially encoded tRNA serine 1
	<i>TRNS2</i>	mitochondrially encoded tRNA serine 2
	<i>TRNT</i>	mitochondrially encoded tRNA threonine
	<i>TRNV</i>	mitochondrially encoded tRNA valine
<i>TRNW</i>	mitochondrially encoded tRNA tryptophan	
<i>TRNY</i>	mitochondrially encoded tRNA tyrosine	