

**Table S1. Average gene size of nuclear-encoded mitochondrial genes compared to non-mitochondrial genes.**

<b>Gene set</b>	<b># Genes</b>	<b>Mean gene size, bp</b>	<b>Median gene size, bp</b>
Mitochondrial genes	966	38,255	18,068
OXPPOS genes	91	21,086	10,667
Non-mitochondrial genes	16,714	60,752	23,261
All genes	17,680	59,523	22,910
Mitochondrial genes / non-mitoch genes	-	0.63	0.78
OXPPOS / non-mitoch genes	-	0.35	0.46

Mitochondrial genes refer to nuclear-encoded mitochondrial genes on autosomal chromosomes taken from the MitoCarta compendium (Pagliarini DJ, et al. (2008), Cell 134: 112-123). OXPPOS genes refer to the oxidative phosphorylation gene subset. The calculations are based on the March 2006 (hg18) assembly of all human genes. bp, base pairs.

