

Oxydative phosphorylation enzymes	Assembly	Cofactors	Enzymes	DNA, RNA, and protein synthesis	Homeostasis
<b>Complex I</b> NDUFA1 NDUFA2 NDUFA9 NDUFA10 NDUFA11 NDUFA12 NDUFB3 NDUFB9 NDUFS1	<b>Complex I</b> FOXRED1 NDUFAF1 NDUFAF2 NDUFAF3 NDUFAF4 NDUFAF5 NDUFAF6 <b>Complex II</b> SDHAF1	<b>FeS clusters</b> BOLA3 NUBPL FDX1L FXN GLRX5 IBA57 ISCU LYRM4 NFU1	<b>Fatty acid oxydation</b> ACAD8 ACAD9 ACADM ACADS ACADSB ACADVL ETFB <b>Krebs cycle</b> ACO2 PC	<b>Replication</b> DNA2 MGME1 POLG POLG2 RMRP TWNK <b>Nucleotides</b> DGUOK MPV17	<b>Protein Import</b> AIFM1 GFER XPNPEP3 <b>Transporter</b> ABCB7 DNAJC19 MPC1 SLC19A2 SLC19A3 SLC22A5 SLC25A1 SLC25A12 SLC25A13
SDHA SDHB SDHC SDHD	<b>Complex II</b> SDHAF2 <b>Complex III</b> BCS1L TTC19 <b>Cytochrome c oxidase</b> CEP89 COA5	<b>Cu</b> SCO1 SCO2 <b>Coenzyme A</b> COASY PANK2	<b>FDH</b> FH MDH2 <b>Ketone bodies</b> ACAT1 HMGCL HMGCS2	<b>PC</b> PCCA PCCB PCK2 <b>RNA metabolism</b> ELAC2 HSD17B10 MTPAP LRPPRC MTO1 PNPT1 PUS1 TRMU <b>Translation regulation</b> GFM1 C12orf65 RMND1 TSFM TUFM	<b>SLC25A2</b> SLC25A3 SLC25A38 SLC25A4 SUCLA2 SUCLG1 TK2 TYMP CLPP SACS HSPD1 SPG7 HTRA2 <b>Fission and fusion</b> DNM1L MFN2 GDAP1 OPA1
<b>Complex III</b> CYC1 UQCRCB UQCRC2 UQCRCQ	COX10 COX14 COX15 COX20 PET100 SURF1 <b>ATP synthase</b> ATPAF2 TMEM70	<b>Biotin</b> BTBD HLCS <b>Heme</b> ALAS2 PPOX CYCS HCCS <b>Thiamine</b> TPK1 <b>Lipoic Acid</b> LIAS DLD <b>Fe</b> SFXN4	<b>Coenzyme Q</b> COQ2 COQ9 COQ6 PDSS1 COQ8A PDSS2 COQ8B <b>Pyruvate dehydrogenase</b> DLAT PDHX PDHA1 PDK3 PDHB PDP1 <b>Aldehyde dehydrogenase</b> ALDH4A1 ALDH6A1 <b>Others</b> AK2 GK AMACR GLDC AMT GLUD1 ATL1 HIBCH AUH HK1 BCAT2 HOGA1 BCKDHA IDH1 BCKDHB IDH2 CPS1 IVD CRAT L2HGDH CYB5R3 MAOA FARS2 CYP27A1 MCCC1 GARS DDHD1 MCCC2 HARS2 D2HGDH MCEE KARS DBT MLYCD LARS2 DECR1 MMAA MARS2 DHODH MMAB MTFMT DMGDH MMADHC RARS2 ETHE1 MUT SARS2 FASTKD2 NAGS YARS2 FBP1 OAT Repair GAMT OGDH ERCC6 GATM OTC APTX GCDH OXCT1 UNG GCK PNPLA2 GCSH WVOX	<b>Protein quality</b> AFG3L2 PARK2 CLPP SACS HSPD1 SPG7 HTRA2 <b>Lipid</b> AGK SERAC1 TAZ <b>MICOS</b> CHCHD10 <b>Ca2+</b> CISD2 WFS1 <b>Trafficking</b> KIF5A KIF1B SPG20 <b>Apoptosis</b> DIABLO <b>Unclear function</b> OPA3 SAMHD1 PNKD SPAST PARK7 STAR PINK1 TMEM126A REEP1 YWHAE <b>Candidate genes</b> CHCHD3 KIF13A CHCHD4 MFN1 CHCHD6 MINOS1 ECHS1 PACS2 FBXL4 PIF1 FIS1 SUCLG2 GTPBP3 SYNE1 IMMT	
ATP5A1 ATP5E					