



Reference transcripts based on build GRCh37 (hg19) interrogated by Mitochondrial Nuclear Gene Panel by Next-Generation Sequencing

Gene	GenBank Accession Number
AARS2	NM_020745
AASS	NM_005763
ABAT	NM_020686
ABCB7	NM_004299
ACACA	NM_198839
ACAD9	NM_014049
AC02	NM_001098
AFG3L2	NM_006796
AGK	NM_018238
AIFM1	NM_004208
ALDH3A2	NM_000382
AMPD1	NM_000036
APOPT1	NM_032374
APTX	NM_175073
ATP5A1	NM_001001937
ATP5E	NM_006886
ATP5G3	NM_001689
ATPAF2	NM_145691
AUH	NM_001698
BCS1L	NM_004328
BOLA3	NM_212552
C12orf65	NM_152269
CA5A	NM_001739
CHAT	NM_020549
CLPP	NM_006012
COA5	NM_001008215
COA6	NM_001012985
COQ2	NM_015697
COQ4	NM_016035
COQ6	NM_182476

Gene	GenBank Accession Number
COQ8A (ADCK3)	NM_020247
COQ8B (ADCK4)	NM_024876
COQ9	NM_020312
COX10	NM_001303
COX14	NM_032901
COX15	NM_004376
COX20	NM_198076
COX4I2	NM_032609
COX6B1	NM_001863
COX7B	NM_001866
CYC1	NM_001916
D2HGDH	NM_0152783
DARS2	NM_018122
DGUOK	NM_080916
DLAT	NM_001931
DLD	NM_000108
DNA2	NM_001080449
DNAJC19	NM_145261
DNM1L	NM_012062
EARS2	NM_001083614
ELAC2	NM_018127
ETFA	NM_000126
ETFB	NM_001985
ETFDH	NM_004453
ETHE1	NM_014297
FARS2	NM_006567
FASTKD2	NM_014929
FBXL4	NM_012160
FH	NM_000143
FOXRED1	NM_017547
FXN	NM_000144

Gene	GenBank Accession Number
<i>GAMT</i>	NM_000156
<i>GARS</i>	NM_002047
<i>GCDH</i>	NM_000159
<i>GFER</i>	NM_005262
<i>GFM1</i>	NM_024996
<i>HARS2</i>	NM_012208
<i>HIBCH</i>	NM_014362
<i>IARS2</i>	NM_018060
<i>IBA57</i>	NM_001010867
<i>IDH2</i>	NM_002168
<i>ISCU</i>	NM_213595
<i>L2HGDH</i>	NM_024884
<i>LARS2</i>	NM_015340
<i>LIAS</i>	NM_006859
<i>LRPPRC</i>	NM_133259
<i>LYRM4</i>	NM_020408
<i>LYRM7</i>	NM_181705
<i>MARS2</i>	NM_138395
<i>MGME1</i>	NM_052865
<i>MICU1</i>	NM_006077
<i>MPC1</i>	NM_016098
<i>MPV17</i>	NM_002437
<i>MRPL3</i>	NM_007208
<i>MRPL44</i>	NM_022915
<i>MRPS16</i>	NM_016065
<i>MRPS22</i>	NM_020191
<i>MTFMT</i>	NM_139242
<i>MTO1</i>	NM_012123
<i>MTPAP</i>	NM_018109
<i>NDUFA1</i>	NM_004541
<i>NDUFA10</i>	NM_004544
<i>NDUFA11</i>	NM_175614
<i>NDUFA12</i>	NM_018838
<i>NDUFA2</i>	NM_002488
<i>NDUFA9</i>	NM_005002
<i>NDUFAF1</i>	NM_016013
<i>NDUFAF2</i>	NM_174889
<i>NDUFAF3</i>	NM_199069

Gene	GenBank Accession Number
<i>NDUFAF4</i>	NM_014165
<i>NDUFAF5</i>	NM_024120
<i>NDUFAF6</i>	NM_152416
<i>NDUFB3</i>	NM_002491
<i>NDUFB9</i>	NM_005005
<i>NDUFS1</i>	NM_005006
<i>NDUFS2</i>	NM_004550
<i>NDUFS3</i>	NM_004551
<i>NDUFS4</i>	NM_002495
<i>NDUFS6</i>	NM_004553
<i>NDUFS7</i>	NM_024407
<i>NDUFS8</i>	NM_002496
<i>NDUFV1</i>	NM_007103
<i>NDUFV2</i>	NM_021074
<i>NFU1</i>	NM_001002755
<i>NUBPL</i>	NM_025152
<i>OGDH</i>	NM_002541
<i>OPA1</i>	NM_015560
<i>OPA3</i>	NM_025136
<i>OXCT1</i>	NM_000436
<i>PANK2</i>	NM_153638
<i>PC</i>	NM_000920
<i>PCK2</i>	NM_004563
<i>PDHA1</i>	NM_000284
<i>PDHB</i>	NM_000925
<i>PDHX</i>	NM_003477
<i>PDP1</i>	NM_018444
<i>PDSS1</i>	NM_014317
<i>PDSS2</i>	NM_020381
<i>PNKD</i>	NM_015488
<i>PNPT1</i>	NM_033109
<i>POLG</i>	NM_002693
<i>POLG2</i>	NM_007215
<i>PUS1</i>	NM_025215
<i>RARS2</i>	NM_020320
<i>RMND1</i>	NM_017909
<i>RRM2B</i>	NM_015713

Gene	GenBank Accession Number
<i>SACS</i>	NM_014363
<i>SARS2</i>	NM_017827
<i>SC01</i>	NM_004589
<i>SC02</i>	NM_005138
<i>SDHAF1</i>	NM_001042631
<i>SERAC1</i>	NM_032861
<i>SFXN4</i>	NM_213649
<i>SLC19A3</i>	NM_025243
<i>SLC25A1</i>	NM_005984
<i>SLC25A12</i>	NM_003705
<i>SLC25A19</i>	NM_021734
<i>SLC25A3</i>	NM_005888
<i>SLC25A4</i>	NM_001151
<i>SLC52A2</i>	NM_024531
<i>SUCLA2</i>	NM_003850
<i>SUCLG1</i>	NM_003849
<i>SUGCT</i>	NM_024728
<i>SURF1</i>	NM_003172
<i>TAC01</i>	NM_016360
<i>TARS2</i>	NM_025150
<i>TAZ</i>	NM_000116
<i>TIMM44</i>	NM_006351
<i>TIMM8A</i>	NM_004085
<i>TK2</i>	NM_004614
<i>TMEM126A</i>	NM_032273
<i>TMEM70</i>	NM_017866
<i>TPK1</i>	NM_022445
<i>TRAP1</i>	NM_016292
<i>TRMU</i>	NM_018006
<i>TSM</i>	NM_001172696
<i>TTC19</i>	NM_017775
<i>TUFM</i>	NM_003321
<i>TWNK (C10orf2)</i>	NM_021830
<i>TYMP</i>	NM_001953
<i>UQCRB</i>	NM_006294
<i>UQCRC2</i>	NM_003366
<i>UQCRQ</i>	NM_014402

Gene	GenBank Accession Number
<i>VAR2</i>	NM_001167734
<i>XPNPEP3</i>	NM_022098
<i>YARS2</i>	NM_001040436