

NUMT1

Expect = 4.2e-68, P = 4.2e-68
Identities = 346/364 (95%)

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mtDNA: 7223 TTATGGTATTGTACGTAAAATTAAAGATAAAAATGCTATTCTTTTATAATAGCTAACTC
      |||
NUMT: 36900 TTTTGGTATTGTACGTAAAATTAAAGATAAAAATGCTATTCTTTTATAATAGCTAACTC

mtDNA: TAAAGGAATTGAAAGAGTAATAACTTTAATTAATAATAAAATTTAGAACTACTAGTAAATA
      |||
NUMT: TAAAGGAATTGAAAGAGTAATAACTTTAATTAATAATAAAATTTAGAACTACTAGTAAATA

mtDNA: TAATCAGATTATTAATAATATATTTGCTCATCCTAGATTTAAAGAATTTAGTAAACTAT
      |||
NUMT: TAATCAGATTATTAATAATATATTTGCTCAACCTAGATTTAAAGAATTTAGTAAACTAT

mtDNA: TACTTTAGGTTTAAA----TTCAAA-TAA-TAATTTAAATAATCATTTGGCTAGCTGGATT
      |||
NUMT: TAAATTTAAGTTTAAACACATTCCAACCTGAGTGTTTTAAATAACCATTGGCTAGCTGGATT

mtDNA: CTCAGATGCTGATGCTAGTTTTTCAGATTAAAATTTTAAATAGGGACAAAAAATAGAAGT
      |||
NUMT: TTCAGATGCTGATGCTAGTTTTTCAGATTAAAATTTTAAATAGGGACTAAAAAATAGAAGT

mtDNA: TCGATTGAACTATCAAAATAGATCAAAAAAAGAGTATCTTTTGAGTTTAATTAAAGATAA
      |||
NUMT: TCGATTGAACTATCAAAATAGATCAAAAAAAGAGTATCTTTTAAGTTTAATTAAAGATAA

mtDNA: TTTA 7580
      |||
NUMT: TTTA 37263
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NUMT2

Expect = 9.2e-51, P = 9.2e-51
Identities = 282/316 (89%)

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mtDNA: 2557 TACTTTATTCAAAGTTAAAAATTAAAGTAGCACGGTAGTAAAGCCAAATTGAACAAATTA
      |||
NUMT: 2667777 TACTTTATTCAAAGTTAAAAATTAAATAGCACGGTAGTAAAGCCAAATTGAACAAATTA

mtDNA: AAAACTGAAAGCATCTCAAGTTTGAAATTTATTTTAAAGAGCTTATATTAAGAAAGTAGAA
      |||
NUMT: AAAATTGAAAGCGTCTCAAGTTTAAATTTATTTTAAAGAGCTTATATCAAAAAAGTAGAA

mtDNA: AACTTTCCAAAAGGACATCCTTAGGATGTACAAA-TCCTTATTTTAGTAAATCATTGTTT
      |||
NUMT: AACTTTCCAAAAGGATTTTC-TCAAAA-GAAAATCCTCCTCATTTTAATAAATCATTGTTT

mtDNA: AGATAGATTTAGTTAATTTTAAACCAAAGGATTATCTCTTTGCTAATTTTAAATAA
      |||
NUMT: AGATAGATTTGGTTAAATTTT-AAACCAAAGGATTATCTATTTGCTAATTTTAAATAGATAA

mtDNA: CTGGAAATTGCCTAATTACACAATTTTTTTTACCATTTTTTTGATGAGGGTATTGTTTAA
      |||
NUMT: CTGGAAATTGCCTAATTACACAATCTTTTTTACC-TTTTTTTGATGATTGTAT-GTTTAA

mtDNA: AGGGGATGTAGCTCAA 2871
      |||
NUMT: AGGGGATGTAGTTCAA 2668087
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NUMT3

Expect = 0.19, P = 0.17
Identities = 32/34 (94%)

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mtDNA: 6064 TTCAATAAATCCAATTAACCAAGACTTTGTTAAA 6031
      |||
NUMT: 2667618 TTCAAGAAATCCAATTAACCAAGA-TTTGTTAAA 2667650
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NUMT4

Expect = 3.3e-23, P = 3.3e-23
Identities = 152/179 (84%)

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mtDNA: 13800 GTATTAATAAAGAGTAGCTAAATAGAAAGATTGTAGCAATAGCACCGATTGTGATAA
      ||| | ||||| ||||| ||||| ||||| ||||| ||| | |||||
NUMT: 4019667 GTATCACGATAAAGAATTAGCTAAAGTAGAAGATTGTAGCAATGGCATCAATTGTGATAA

mtDNA: AGACGTTTTCTGGATGTGATCCACCAATCCATGCAAGAATTACAAAATCGGCAACAAATG
      ||| | ||||| ||||| ||||| || ||| ||||| || ||| |||
NUMT: AGACATTTTTCTGGATGTGATCCACCGGTCATGCTAGAAATTAAAGGATCGACAATAAATA

mtDNA: TCCAGAAGAAGAAATTACCAAATGGGTTAAACTATTACCTCTAATAGCTGAGAAATCT 13622
      ||||| ||||| ||||| ||| ||| | ||||| || |||||
NUMT: TCCAGAAGAAGAAATTAACCAAATGGGTTGAAATTAT--C-TCTAATAGCTAA-AAATCT 4019841
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NUMT5

Expect = 1.9e-07, P = 1.9e-07
Identities = 61/66 (92%)

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mtDNA: 15266 ATTCAATTAATAACTAAAAGAGGAATTAAAGGAGTAGGAGTACCAGAAGGTAAGAATAATC
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
NUMT: 4019842 ATTCATTTAAACTGAAAGAG-AATTAAAGGAGTAGGAGTACCAAAAGGTAATAATAATC

mtDNA: CAAAGA 15201
      |||||
NUMT: CAAAGA 4019906
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NUMT6

Expect = 1.3e-09, P = 1.3e-09
Identities = 95/117 (81%)

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mtDNA: 15681 TACTTGCTTTGGGTGTGAGAAATTT-GTTAGTTCGAATCTAACCTATCCGATA--A---TA
      |||| | ||||| ||||| || || ||||| || ||||| || |||
NUMT: 4020012 TACTAGCTATGGGTGTGAGAGTTTTGTAAGTTCGAATTCATCTATCCGATATAAATCTC

mtDNA: --AGTGATTGGGTGTTGACTAATAGGTAAGTCCCTGAAATTTGACTTCAGTCTATG 15795
      || ||||| || ||||| ||||| ||||| ||||| |||||
NUMT: TTAGAGATTGGGT-GTTAACTAATAGGTAAATCCCTGAA-TTTGACTTTAGTCTATG 4020126
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NUMT7

Expect = 3.3e-23, P = 3.3e-23
Identities = 140/152 (92%)

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mtDNA: 11514 TTATCTAAACGATCAAAAAATTATCCTAATCTTGTAATTGATAGAAATCTCTACAAAGAT
      ||||| ||||| ||||| ||||| ||||| ||||| |||||
NUMT: 3360977 TTATCTAAACGATCAAAAAATATCCTAATCTCGTAATTGATAGAAATCTCTGCAAGAT

mtDNA: TTCCTATTAATCGAGATATGTTCCCTTATTGCTTATAATAAATAAAAATCTAATCCTGGT
      ||||| ||||| ||||| || || ||||| || ||||| |
NUMT: TTCCTATTAATCGAGATATGTTCCCTTATTGCCTAAAATAAATAAAAATC-AATCCTG-T

mtDNA: ATGATGACTCATGGTCTTAAACCGGATACTTT 11665
      | ||||| ||||| || |||||
NUMT: A-GATGACTCGTGGTCTTAAATG-ATACTTT 3361124
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NUMT8

Expect = 8.8e-12, P = 8.8e-12
Identities = 83/90 (92%)

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mtDNA: 2598 AGCCAAATTGAACAAATTAAAAACTGAAAGCATCTCAAGTTTGAAATTTATTTAAAGAG-
      ||||| ||||| ||||| ||||| ||||| ||||| || |||||
NUMT: 72348 AGCCAAATTGAGCAAATTAAAAACTGAAAGCATCTCAAGTTTGAAATTTCTT-AAAGAAA

mtDNA: CTTATATTAAGAAAGTAGAAAACCTTTCCAA 2686
      |||| | ||||| |||||
NUMT: CTTATCTTAAGAAAGTAGGAAACCTTTCCAA 72436
```

Expect = 5.2e-12, P = 5.2e-12
Identities = 80/85 (94%)

Expect = 2.3e-07, P = 2.3e-07
Identities = 63/71 (88%)

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mtDNA: 18833 TAAAAATTAAGATTAAAGCTGGAATTAAAGTCCAAATGAATTCAACAATTGAACCAT 18878
          |||
NUMT: 3810379 TAAAAATTAAGATTAAAGCTGGAATTAAAGTCCAAATGAATTCAACAATTGAACCAT 3810434
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Expect = 1.9e-06, P = 1.9e-06
Identities = 53/55 (96%)

Expect = 6.4, P = 0.998
Identities = 23/25 (92%)

Lenglez_Suppl. Fig1