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Previous Sequence:  ATTCCCTACCTTTATTGAGCAGCACCCCTCACGTTGAGCATTAGTTTGATCCAAAATTATGCAACTTCTTCACAATGAATT
Forward:           -----GTTGAGCATTAGTTTGATCCAAAATTATACAACTTCTTCACAATGAATT
Reverse:           ATTCCCTACCTTTATTGAGCAGCACCCCTCACGTTGAGCATTAGTTTGATCCAAAATTATACAACTTCTTCACAATGAATT

TCAAGCAATTTTAGGACAAGCCACTAAAGGTTCAACTATTTTATTCATTTCTTTATTAGATTTATTATATTCAATAACACTCTCGGGCTGCTCCCATAT
TCAAGCAATTTTAGGACAAGCCACTAAAGGTTCAACTATTTTATTCATTTCTTTATTAGATTTATTATATTCAATAACACTCTCGGGCTGCTCCCATAT
TCAAGCAATTTTAGGACAAGCCACTAAAGGTTCAACTATTTTATTCATTTCTTTATTAGATTTATTATATTCAATAACACTCTCGGGCTGCTCCCATAT

GTGTTTACTAGATCAAGACACCTTGCATAACTCTTACGCTTGCTTTACCTTTATGGCTAACTTTTATTTTATTGGTTGAATTAACCATACCCAAACACA
GTGTTTACTAGATCAAGACACCTTGCATAACTCTTACGCTTGCTTTACCTTTATGGCTAACTTTTATTTTATTGGTTGAATTAACCATACCCAAACACA
GTGTTTACTAGATCAAGACACCTTGCATAACTCTTACGCTTGCTTTACCTTTATGGCTAACTTTTATTTTATTGGTTGAATTAACCATACCCAAACACA

TGCTTGCTCATATGGTTCCCCAAGGAACACCAGGGCTTCTGATACCATTATAGTGTAGTAGAACTTTAAGAAATATTATTCGACCAGGAACCTTAGC
TGCTTGCTCATATGGTTCCCCAAGGAACACCAGGGCTTCTGATACCATTATAGTGTAGTAGAACTTTAAGAAATATTATTCGACCAGGAACCTTAGC
TGCTTGCTCATATGGTTCCCCAAGGAACACCAGGGCTTCTGATACCATTATAGTGTAGTAGAACTTTAAGAAATATTATTCGACCAGGAACCTTAGC

CGTTCGACTAGCAGCTAACATAATTGCAGGACATCTTTTGTGACACTTTTAGGCAATATAGGCCCTTCTTTGTCTTTGACTTTAGTCTCGTTTTTAATA
CGTTCGACTAGCAGCTAACATAATTGCAGGACATCTTTTGTGACACTTTTAGGCAATATAGGCCCTTCTTTGTCTTTGACTTTAGTCTCGTTTTTAATA
CGTTCGACTAGCAGCTAACATAATTGCAGGACATCTTTTGTGACACTTTTAGGCAATATAGGCCCTTCTTTGTCTTTGACTTTAGTCTCGTTTTTAATA

CTAGCTCAAATCCTTCTTTTAATACTAGAATCTGCTGTGCAATAATTCAATCGTATGTATTTGCTGTTCTAAGGACTTTATATGCCA
CTAGCTCAAATCCTTCTTTTAATACTAGAATCTGCTGTGCAATAATTCAATCGTATGTATTTGCTGTTCTAAGGACTTTATATGCCA
CTAGCTCAAATCCTTCTTTTAATACTAGAATCTGCTGTGCAAT-----

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S2 Fig. Expanded version of Fig 2C. Sanger DNA sequencing of the target mitochondrial ATP synthase sequence from ground and sonicated then VFD-processed (9 krpm, 1 h, RT), formalin-fixed lobster tissue. Within the range of Sanger sequencing accuracy, two mutations (G2728A & G3136C, GenBank No. HQ402925) were observed as indicated. The reference sequence has been described previously [1].