Sequence: pork DN1 mitochondrial gene DAN sequence KF888634.1 4022-4976.dna (Linear / 955 bp)
Features: 6 total
Primers: 4 total

F3
CCTCACCCTAGTAGAACGAA

5' ATGTTCATAATTAACATTCTAAGCCTAATCATTCCTATCCTACTGGCCGTAGCATTCCTCACCCTAGTAGAACGAAAAGTACTAG   85

3' TACAAGTATTAATTGTAAGATTCGGATTAGTAAGGATAGGATGACCGGCATCGTAAGGAGTGGGATCATCTTGCTTTTCATGATC

F3C

F1C and F2 3 ' part of FIP first bind
...GGCATCGGCTTTT ACTACGAAAAGGACCCAACG

GTTATATGCAACTACGAAAAGGACCCAACGTTGTAGGCCCCTACGGCCTACTCCAACCCATCGCCGATGCCCTAAAACTATTCAC   170

CAATATACGTTGATGCTTTTCCTGGGTTGCAACATCCGGGGATGCCGGATGAGGTTGGGTAGCGGCTACGGGATTTTGATAAGTG

F2C CGTT..

F1 where loop closes GGTGAATAGTTTTAGGGCATCGGC

GCAACCCAGGAAAAGCATCATTTT CGGCTACGGGATTTTGATAAGTG
F1C and F2 3 ' part of FIP first bind

B1C and B2 of BIP
TTGCACCAATCCTAGCCTTATCCCT TTTGGGTAGGGTATTG...

C AAAGAACCCCTACGACCAGCCACATCCTCAATCTCCATGTTCATTATTGCACCAATCCTAGCCTTATCCCTAGCACTAACAATA   255

GTTTCTTGGGGATGCTGGTCGGTGTAGGAGTTAGAGGTACAAGTAATAACGTGGTTAGGATCGGAATAGGGATCGTGATTGTTAT

B1

F1 where loop closes GGTGAATAGTTTTAGGGCATCGGC

G
F1C and F2 3 ' part of FIP first bind

TGAGTTCCACTACCAATACCCTACCCTCTAATCAACATAAATCTAGGAGTACTATTCATGCTAGCCATGTCAAGCCTAGCAGTCT   340

ACTCAAGGTGATGGTTATGGGATGGGAGATTAGTTGTATTTAGATCCTCATGATAAGTACGATCGGTACAGTTCGGATCGTCAGA

B2C 3' part of 5' strand

AGGTGATGGTTATGGGATGGG TTTTCCCTATTCCGATCCTAACCACGTT   B3C
B1C and B2 of BIP   TACGATCGGTACAGTTCG
                                                          B3

ATTCTATCCTATGATCAGGATGAGCATCTAACTCAAAATACGCACTCATCGGGGCCCTACGAGCAGTAGCCCAAACAATTTCATA   425

TAAGATAGGATACTAGTCCTACTCGTAGATTGAGTTTTATGCGTGAGTAGCCCCGGGATGCTCGTCATCGGGTTTGTTAAAGTAT

TGAAGTAACACTGGCAATCATCCTACTATCAGTGCTCCTAATAAATGGATCATATACTCTATCCACCCTAATCACAACACAAGAG   510

ACTTCATTGTGACCGTTAGTAGGATGATAGTCACGAGGATTATTTACCTAGTATATGAGATAGGTGGGATTAGTGTTGTGTTCTC

CACATTTGAATAATCTTTACATCCTGACCCCTAGCCATAATATGATTTATCTCAACCCTAGCAGAAACCAACCGAGCCCCGTTCG   595

GTGTAAACTTATTAGAAATGTAGGACTGGGGATCGGTATTATACTAAATAGAGTTGGGATCGTCTTTGGTTGGCTCGGGGCAAGC

ACCTTACAGAAGGAGAGTCAGAACTTGTATCAGGCTTTAACGTAGAATATGCAGCCGGACCTTTCGCCATATTCTTCATAGCAGA   680

TGGAATGTCTTCCTCTCAGTCTTGAACATAGTCCGAAATTGCATCTTATACGTCGGCCTGGAAAGCGGTATAAGAAGTATCGTCT

ATATGCCAACATCATCATAATAAATGCATTCACAGCAATTTCTCTTCCTAGGAGCATTCCACGACCCACACACATCAGAACTATAT   765

TATACGGTTGTAGTAGTATTATTTACGTAAGTGTCGTTAAGAGAAGGATCCTCGTAAGGTGCTGGGTGTGTGTAGTCTTGATATA

ACAATCAACTTCGTACTAAAAACACTCGCATTAACAATCACCTTCCTATGAATCCGAGCATCATACCCACGATTCCGATATGACC   850

TGTTAGTTGAAGCATGATTTTTGTGAGCGTAATTGTTAGTGGAAGGATACTTAGGCTCGTAGTATGGGTGCTAAGGCTATACTGG

AACTAATACATTTACTATGAAAAAGCTTCCTGCCCCTAACACTAGCTCTATGTATATGACACATCTCACTCCCTATTATAACAGC   935

TTGATTATGTAAATGATACTTTTTCGAAGGACGGGGATTGTGATCGAGATACATATACTGTGTAGAGTGAGGGATAATATTGTCG

AAGTATTCCCCCACAATCAT   3'
                            955
TTCATAAGGGGGTGTTAGTA   5'