

#####

Program: needle
Rundate: Wed 12 Apr 2017 21:15:11
Commandline: needle
-auto
-stdout
-asequence emboss_needle-I20170412-211510-0320-58428168-es.asequence
-bsequence emboss_needle-I20170412-211510-0320-58428168-es.bsequence
-datafile EDNAFULL
-gapopen 10.0
-gapextend 0.5
-endopen 10.0
-endextend 0.5
-aformat3 pair
-snucleotide1
-snucleotide2
Align_format: pair
Report_file: stdout

#####

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#
Aligned_sequences: 2
1: EMBOSS_001
2: EMBOSS_001
Matrix: EDNAFULL
Gap_penalty: 10.0
Extend_penalty: 0.5
#
Length: 264
Identity: 109/264 (41.3%)
Similarity: 109/264 (41.3%)
Gaps: 114/264 (43.2%)
Score: 114.0

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EMBOSS_001 1 ATGGATCTCGGAATTCAGGCTATGAGATCTTCGATCGTCCAATAGTCC- 49
EMBOSS_001 1 -----ATGC-ACGAGGTCCT-----GTCCC 19
EMBOSS_001 50 -----ACCACATGAATCCC-----ATGAT----TGCCGAC 75
EMBOSS_001 20 GGGGGCGGGGCGGGGACCCACGGA-CCCGGAAAAT-ATCCTCTGCCTCT 67
EMBOSS_001 76 GACATT-GTGCACAGCA-----ACGATGACATCCTCAATCCTGAGTAC 117
EMBOSS_001 68 GCCGTTGGTGC-CATCACTGGGTGACGGTG--AACCCGAAGGCGG----- 109
EMBOSS_001 118 CTTATCCTCGTTTCTCATGAGACTCACAATGCTATTC--ACTATGGCGAC 165
EMBOSS_001 110 -----CCACGGAACTCGGGTTACTC-CGAGGC----CGGAC---GGCGTC 146
EMBOSS_001 166 GCTAATCATCTTCTAGAACATTGGTTGATCGTCCCGGTGATACAAA 215
EMBOSS_001 147 G--GAGCATGTGGC--GAA-ATT-----CCGT-ATCTCGCAGAT----- 179
EMBOSS_001 216 GCTCTGG----TAA 225

EMBOSS_001

180 ----TGGCACCTAA

189

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