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Program: needle
Rundate: Wed 12 Apr 2017 21:18:02
Commandline: needle
-auto
-stdout
-asequence emboss_needle-I20170412-211754-0496-98264606-oy.asequence
-bsequence emboss_needle-I20170412-211754-0496-98264606-oy.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: 324
Identity: 100/324 (30.9%)
Similarity: 100/324 (30.9%)
Gaps: 198/324 (61.1%)
Score: 168.0

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EMBOSS_001 1 ATGGCGGTAGACGAGTGGGTAAATAACTCAGGCCGTAGGCGCAAGATCGC 50
EMBOSS_001 1 -----ATGCACGAGGTC-- 12
EMBOSS_001 51 AAAGGAGATGTTGCCCAAAGGGGTAACGGTCCGATGCTGGATCTGCAAGC 100
EMBOSS_001 13 -----CTGT--CCC---GGGG-----GC 25
EMBOSS_001 101 AGCCCGGTGCCAACCAACTGGACCACATCAAGCCACGGTCC----AAGTA 146
EMBOSS_001 26 GGGGCGG-----GGACC-----CCACGGACCCGGAAAATA 55
EMBOSS_001 147 CCCAGAGCTGATCTGGGACCGCTCCAACATCGTCCAGCGCACGACACT- 195
EMBOSS_001 56 TCC-----TCTG---CCTCTGC----CGT-----TG 74
EMBOSS_001 196 -TGCAACAACCTTGAAGAGCGACGGGGATGGACCCG-----GGGGA 234
EMBOSS_001 75 GTGCCATCACT---GGGTGACGG---TGAACCCGAAGGCGGCCACGGAA 117
EMBOSS_001 235 CTGGGATTCCATTCCGAGG-----TATGGTGA----- 261

EMBOSS_001 118 CTCGGGTT--ACTCCGAGGCCGGACGGCGTCGGAGCATGTGGCGAAATTC 165

EMBOSS_001 262 ----- 261

EMBOSS_001 166 CGTATCTCGCAGATTGGCACCTAA 189

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