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Program: needle
Rundate: Tue 24 May 2022 21:14:12
Commandline: needle
-auto
-stdout
-asequence emboss_needle-E20220524-213020-0874-21503531-p1m.asequence
-bsequence emboss_needle-E20220524-213020-0874-21503531-p1m.bsequence
-datafile EBLOSUM62
-gapopen 10.0
-gapextend 0.5
-endopen 10.0
-endextend 0.5
-aformat3 pair
-sprotein1
-sprotein2
Align_format: pair
Report_file: stdout

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Aligned_sequences: 2
1: EMBOSS_001
2: EMBOSS_001
Matrix: EBLOSUM62
Gap_penalty: 10.0
Extend_penalty: 0.5

Length: 209
Identity: 19/209 (9.1%)
Similarity: 31/209 (14.8%)
Gaps: 136/209 (65.1%)
Score: 12.5

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EMBOSS_001	1	CPFGEVFNATRFASVYAWNKRKISNCVADYSVLYNSASFSTFKCYGVSPT	50
EMBOSS_001	1	-----	0
EMBOSS_001	51	KLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKIADYNYKLPPDFTGCVIA	100
EMBOSS_001	1	-----PQITL	5
EMBOSS_001	101	WNSNNLDSKVGGNYNYLYRLFRKSNLKPFRDISTE--IYQAGSTP----	144

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EMBOSS_001 6 WQRPLVTIKIGG-----QLKEALLDTGADDTVLEEMSLPGRWK 43

EMBOSS_001 145 ---CNGVEGFNCYFPLQSY-----GFQPTNGVGYPYRVVLSFELL 183

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EMBOSS_001 44 PKMIGGIGGF---IKVRQYDQILIEICGHKAIGTVLVGPTPVNIIGRNLL 90

EMBOSS_001 184 ----- 183

EMBOSS_001 91 TQIGCTLNF 99

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