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Program: needle
Rundate: Wed 12 Apr 2017 21:13:58
Commandline: needle
-auto
-stdout
-asequence emboss_needle-I20170412-211357-0181-83438831-es.asequence
-bsequence emboss_needle-I20170412-211357-0181-83438831-es.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: 93
Identity: 10/93 (10.8%)
Similarity: 17/93 (18.3%)
Gaps: 48/93 (51.6%)
Score: 9.5

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EMBOSS_001	1	MDLGIPGYEIFDRPIVHHMNPMIADDDIVHS-----NDDILNPEYLILVS	44
		:: .:::..	
EMBOSS_001	1	-----MHEVLSRGRGGDPTDPENILCLC	23
EMBOSS_001	45	HETHNAIHYGDANHLPRTLVDRRPGDTKLWZ-----	75
		... :... :....	
EMBOSS_001	24	RWCH---HWVTVNPKAATELGLLRGRTASEHVAKFRISQIGTZ	63

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