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#####
# Program: needle
# Rundate: Sat 17 Sep 2022 21:54:05
# Commandline: needle
# -auto
# -stdout
# -asequence emboss_needle-I20220917-215249-0557-12031302-plm.asequence
# -bsequence emboss_needle-I20220917-215249-0557-12031302-plm.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
#####

#=====
#
# Aligned_sequences: 2
# 1: EMBOSS_001
# 2: EMBOSS_001
# Matrix: EBLOSUM62
# Gap_penalty: 10.0
# Extend_penalty: 0.5
#
# Length: 294
# Identity:      294/294 (100.0%)
# Similarity:    294/294 (100.0%)
# Gaps:          0/294 ( 0.0%)
# Score: 1541.0
#
#
#=====

EMBOSS_001      1  AKEIPEVLVDPRSRRRYVRGRFLGKGGFAKCFEISDADTKEVFAGKIVPK      50
  |||
EMBOSS_001      1  AKEIPEVLVDPRSRRRYVRGRFLGKGGFAKCFEISDADTKEVFAGKIVPK      50
  |||
EMBOSS_001     51  SLLLKPHQREKMSMEISIHRS LAHQHVVG FHGFFEDNDFV FVVLELCRRR    100
  |||
EMBOSS_001     51  SLLLKPHQREKMSMEISIHRS LAHQHVVG FHGFFEDNDFV FVVLELCRRR    100
  |||
EMBOSS_001    101  SLLELHKRRKALTEPEARYYLRQIVLGCQYLHRNRVIHRDLKLG NLF LNE    150
  |||
EMBOSS_001    101  SLLELHKRRKALTEPEARYYLRQIVLGCQYLHRNRVIHRDLKLG NLF LNE    150
  |||
EMBOSS_001    151  DLEVKIGDFGLATKVEYDGERKKVLCGTPNYIAPEVLSKKGHSFEVDVWS    200
  |||
EMBOSS_001    151  DLEVKIGDFGLATKVEYDGERKKVLCGTPNYIAPEVLSKKGHSFEVDVWS    200
  |||
EMBOSS_001    201  IGCIMYTLLVGKPPFETSCLKETYLRIKKNEYSIPKHINPVAASLIQKML    250
  |||
EMBOSS_001    201  IGCIMYTLLVGKPPFETSCLKETYLRIKKNEYSIPKHINPVAASLIQKML    250
  |||
EMBOSS_001    251  QTDPTARPTINELLNDEFFTSGYIPARLPITCLTIPPRFSIAPS      294
  |||
EMBOSS_001    251  QTDPTARPTINELLNDEFFTSGYIPARLPITCLTIPPRFSIAPS      294
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