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CLUSTAL O(1.2.4) multiple sequence alignment


A0A009FX77|A0A009FX77_ACIBA      MHTSTTSTVPLESWTIEQLQQATQGYWLNDKKPEGQIKRILTDSRHAEAGDTFLALKGER   60
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER   60
A0A009I9N0|A0A009I9N0_ACIBA      MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER   60
G2JKZ8|G2JKZ8_ACIBA              MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQSEIKRILTDSRHAESGDAFLALKGER   60
A0A009SJ48|A0A009SJ48_ACIBA      MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQSEIKRILTDSRHAESGDAFLALKGER   60
N9GVK4|N9GVK4_ACIBA              MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQSEIKRILTDSRHAESGDAFLALKGER   60
D0CCM9|D0CCM9_ACIB2              MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER   60
S3TN90|S3TN90_ACIBA              MHTSTTSTVPLEPWTAQQLQQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER   60
                                 ************ ** :********** :*: *: :************:**:********

A0A009FX77|A0A009FX77_ACIBA      FDAHDFIAQVAEKGCGIAIVSQPVDADICQLVVEDTRLALGHLGAYRRQQNPQLKVIALT   120
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      FDAHNFVAQVVANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
A0A009I9N0|A0A009I9N0_ACIBA      FDAHNFVAQVVANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
G2JKZ8|G2JKZ8_ACIBA              FDAHNFVAQVAANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
A0A009SJ48|A0A009SJ48_ACIBA      FDAHNFVAQVAANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
N9GVK4|N9GVK4_ACIBA              FDAHNFVAQVAANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
D0CCM9|D0CCM9_ACIB2              FDAHNFVAQVAANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
S3TN90|S3TN90_ACIBA              FDAHNFVAQVAANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAYRREQNAQLKVIALT   120
                                 ****:*:***. :** :***.:*:**:*.**** *******:******:** ********

A0A009FX77|A0A009FX77_ACIBA      GSSGKTTTKEMLGSILSRLAPTLVTRGNLNNDLGVPMMLLELRAEHQYAVMELGASHQGE   180
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
A0A009I9N0|A0A009I9N0_ACIBA      GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
G2JKZ8|G2JKZ8_ACIBA              GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
A0A009SJ48|A0A009SJ48_ACIBA      GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
N9GVK4|N9GVK4_ACIBA              GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
D0CCM9|D0CCM9_ACIB2              GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
S3TN90|S3TN90_ACIBA              GSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGVPMMLLELRKEHQYAVMELGANHQGE   180
                                 ************************:******************* ************.****

A0A009FX77|A0A009FX77_ACIBA      IDYTSNLVQPHVAGIINIGTAHLGEFGGRDGICRAKSEIYSHISE--TSIVPAADDYAEQ   238
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      IDYTSKIVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
A0A009I9N0|A0A009I9N0_ACIBA      IDYTSKIVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
G2JKZ8|G2JKZ8_ACIBA              IDYTSKIVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
A0A009SJ48|A0A009SJ48_ACIBA      IDYTSKLVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
N9GVK4|N9GVK4_ACIBA              IDYTSKLVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
D0CCM9|D0CCM9_ACIB2              IDYTSKIVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYHHILPQGVAIIPQQDDFTAE   240
S3TN90|S3TN90_ACIBA              IDYTSKIVQPHVAGILNIGTAHLGEFGGRDGICRAKSEIYRHILPQGVAIVPQQDDFTAE   240
                                 *****:********:************************ **     .:*:*  **:: :

A0A009FX77|A0A009FX77_ACIBA      IRAAVKTEKTLSFGQGGDVYATDVELHPQSATFTLNTPQGTITVNLPFAGEHNVQNATAA   298
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      IREAAKSHQIMSFGEGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
A0A009I9N0|A0A009I9N0_ACIBA      IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
G2JKZ8|G2JKZ8_ACIBA              IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
A0A009SJ48|A0A009SJ48_ACIBA      IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
N9GVK4|N9GVK4_ACIBA              IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
D0CCM9|D0CCM9_ACIB2              IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
S3TN90|S3TN90_ACIBA              IREAAKSHQIMSFGAGGDVFATEIELLPQSANFQLHTPQGSSFVRLPFAGEHNVQNATAA   300
                                 ** *.*:.: :*** ****.**:.** ****.* *:****:  *.***************

A0A009FX77|A0A009FX77_ACIBA      VAFSLAIGISLDDIVAGLEQAVGAKGRLNFIPHKDFLFIDDTYNANPSSMRAAAEVLAQQ   358
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
A0A009I9N0|A0A009I9N0_ACIBA      VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKTPHLFIDDTYNANPTSMRAAAQVLLQQ   360
G2JKZ8|G2JKZ8_ACIBA              VAFALALGVSLEDIVKGLEQAQGAKGRLNFLQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
A0A009SJ48|A0A009SJ48_ACIBA      VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
N9GVK4|N9GVK4_ACIBA              VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
D0CCM9|D0CCM9_ACIB2              VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
S3TN90|S3TN90_ACIBA              VAFALALGVSLEDIVKGLEQAQGAKGRLNFIQKAPHLFIDDTYNANPTSMRAAAQVLLQQ   360
                                 ***:**:*:**:*** ***** ********: :  .***********:******:** **

A0A009FX77|A0A009FX77_ACIBA      QGIRVMVTGDIGELGSSAAIEHYKLGRDLVSVKGINFVVAVGEFAPAAQEGARSTQYGKK   418
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
A0A009I9N0|A0A009I9N0_ACIBA      NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
G2JKZ8|G2JKZ8_ACIBA              NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
A0A009SJ48|A0A009SJ48_ACIBA      NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
N9GVK4|N9GVK4_ACIBA              NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIIAVGQFASAALEGAGLH--STK   417
D0CCM9|D0CCM9_ACIB2              NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
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S3TN90|S3TN90_ACIBA              NGIKVMVMGDIGELGDSSWQEHHDLGRDLAEL-PLDHIVAVGQFASAALEGAGLH--STK   417
                                 :**:*** *******.*:  **:.*****..:  ::.::***:** ** ***     ..*

A0A009FX77|A0A009FX77_ACIBA      MQAFLNQEQALPFLIDLIETHHPQPMSFLFKGSRFAHMETLMAALMEKL      467
A0A0J9X1Z8|A0A0J9X1Z8_ACIB3      LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
A0A009I9N0|A0A009I9N0_ACIBA      LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
G2JKZ8|G2JKZ8_ACIBA              LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
A0A009SJ48|A0A009SJ48_ACIBA      LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
N9GVK4|N9GVK4_ACIBA              LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
D0CCM9|D0CCM9_ACIB2              LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
S3TN90|S3TN90_ACIBA              LKAFQTQAEALPFLINLIQTHQPQSMSFLFKGSRFTHMETLMADLMEKL      466
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