

CLUSTAL O(1.2.4) multiple sequence alignment

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4QDI      MHTSTTSTVPLEPWTAAQQLQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER 60
4QF5      MHTSTTSTVPLEPWTAAQQLQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER 60
4Z1Y      MHTSTTSTVPLEPWTAAQQLQATQGYWHKDQIPQTEIKRILTDSRHAESGDAFLALKGER 60
A0A062KS52 | A0A062KS52_ACIBA  MTVSFQEIINPI-----EIDAQWPQQPFHGFNLD SRKVEAGQIFIALTSYS 45
A0A009RD39 | A0A009RD39_ACIBA  MTVSFQEIHPI-----EIDAQWPRQPFHGFSLD SRK VETGQIFIALTSYS 45
S3TJJ5 | S3TJJ5_ACIBA          MTVSFQEIHPI-----EIDAQWPQQPFHGFSLD SRK VETGQIFIALTSYS 45
G2JKZ9 | G2JKZ9_ACIBA          MTVSFQEIHPI-----EIDAQWPQQPFHGFSLD SRK VETGQIFIALTSYS 45
A0A062IC05 | A0A062IC05_ACIBA  MTVSFQEMHPI-----EIDAQWPQQPFHGFSLD SRK VETGQIFIALTSYS 45
A0A062F1P6 | A0A062F1P6_ACIBA  MTVSFQEIHPI-----EIDAQWPRQPFYGFSLD SRK VETGQIFIALTSYS 45
DOCCM8 | DOCCM8_ACIB2          MTVSFQEIHPI-----EIDAQWPRQPFYGFSLD SRK VETGQIFIALTSYS 45
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4QDI      F--DAHNFVAQVVANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAY--RREQNAQLK 115
4QF5      F--DAHNFVAQVVANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAY--RREQNAQLK 115
4Z1Y      F--DAHNFVAQVVANGCQVAIVERPIDAEIAQLVVADTRLALGQLGAY--RREQNAQLK 115
A0A062KS52 | A0A062KS52_ACIBA  QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
A0A009RD39 | A0A009RD39_ACIBA  QPEKTRTFEAALANGALAVISETELGV-TNEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
S3TJJ5 | S3TJJ5_ACIBA          QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
G2JKZ9 | G2JKZ9_ACIBA          QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
A0A062IC05 | A0A062IC05_ACIBA  QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
A0A062F1P6 | A0A062F1P6_ACIBA  QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
DOCCM8 | DOCCM8_ACIB2          QPEKTRTFEAALANGALAVISETELGV-ANEWVCPDVRQRMGEWQKRYLQQADVVKPLR 104
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4QDI      VIALTGSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGV-----PMMLLELRK-EH 166
4QF5      VIALTGSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGV-----PMMLLELRK-EH 166
4Z1Y      VIALTGSSGKTTTKEMLGSILSRLAPTLITRGNLNNDLGV-----PMMLLELRK-EH 166
A0A062KS52 | A0A062KS52_ACIBA  IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
A0A009RD39 | A0A009RD39_ACIBA  IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
S3TJJ5 | S3TJJ5_ACIBA          IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
G2JKZ9 | G2JKZ9_ACIBA          IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
A0A062IC05 | A0A062IC05_ACIBA  IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
A0A062F1P6 | A0A062F1P6_ACIBA  IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
DOCCM8 | DOCCM8_ACIB2          IIAVGTGTNGKTTISRLIAELISSQQQRCAVMGTTGNGILPDLTPSTHTTLDALQLQNALH 164
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4QDI      QYAV----MELGANHQGEIDYTSKIVQPHVAGILNIGTAHLGEFGGRDGCRAKSEIYR 221
4QF5      QYAV----MELGANHQGEIDYTSKIVQPHVAGILNIGTAHLGEFGGRDGCRAKSEIYR 221
4Z1Y      QYAV----MELGANHQGEIDYTSKIVQPHVAGILNIGTAHLGEFGGRDGCRAKSEIYR 221
A0A062KS52 | A0A062KS52_ACIBA  AYAKHGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
A0A009RD39 | A0A009RD39_ACIBA  DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
S3TJJ5 | S3TJJ5_ACIBA          DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
G2JKZ9 | G2JKZ9_ACIBA          DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
A0A062IC05 | A0A062IC05_ACIBA  DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
A0A062F1P6 | A0A062F1P6_ACIBA  DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
DOCCM8 | DOCCM8_ACIB2          DYAKQGATFASLEASSHGLEQGRNLGCDIEIAVYNSLRDHLDYHGTELAYAEAKARLFQ 224
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4QDI      HILPQGVAIVPQQDDFTAE----IREAAKSHQIMSF---GEGDVFATEIELLPQSANFQ 274
4QF5      HILPQGVAIVPQQDDFTAE----IREAAKSHQIMSF---GEGDVFATEIELLPQSANFQ 274
4Z1Y      HILPQGVAIVPQQDDFTAE----IREAAKSHQIMSF---GAGDVFATEIELLPQSANFQ 274
A0A062KS52 | A0A062KS52_ACIBA  FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYITDLSYSLAGATFN 283
A0A009RD39 | A0A009RD39_ACIBA  FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLAQNADYHITDLSYSLAGATFN 283
S3TJJ5 | S3TJJ5_ACIBA          FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYIADLSYSLAGATFN 283
G2JKZ9 | G2JKZ9_ACIBA          FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYITDLSYSLAGAAFN 283
A0A062IC05 | A0A062IC05_ACIBA  FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYITDLSYSLAGATFN 283
A0A062F1P6 | A0A062F1P6_ACIBA  FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYIADLDYSYLAGATFN 283
DOCCM8 | DOCCM8_ACIB2          FNS-LKVAVINLDDAHADLMIKSAQNPAQPKILTYSLTQNTADYYITDLSYSLAGATFH 283
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4QDI      LHTPQGSSFVRLPFAGEHNVQNATAAVAFALALGVSLDIVKGLEQAQGAKGRNLFIQKA 334
4QF5      LHTPQGSSFVRLPFAGEHNVQNATAAVAFALALGVSLDIVKGLEQAQGAKGRNLFIQKA 334
4Z1Y      LHTPQGSSFVRLPFAGEHNVQNATAAVAFALALGVSLDIVKGLEQAQGAKGRNLFIQKT 334
A0A062KS52 | A0A062KS52_ACIBA  LVGQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVPKLIGAPGRMQVIRDD 343
A0A009RD39 | A0A009RD39_ACIBA  LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVPKLIGAPGRMQVIRDD 343
S3TJJ5 | S3TJJ5_ACIBA          LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVPKLIGAPGRMQVIRDD 343
G2JKZ9 | G2JKZ9_ACIBA          LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVPKLIGAPGRMQVIRDD 343

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A0A062IC05 A0A062IC05_ACIBA	LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVFKLIGAPGRMQVIRDD	343
A0A062F1P6 A0A062F1P6_ACIBA	LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVDFVFKLIGAPGRMQVIRDD	343
D0CCM8 D0CCM8_ACIB2	LVSQQGSFAVESPLLGHFNVENLIAALIAAEQAGFDLQALVNFVFKLIGAPGRMQVIRDD	343
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4QDI	PHLFIDDTYNANPTSMRAAQVLLQQNGIKVMVMGDIIGELGDSSWQEHHDLG-RDLAELP	393
4QF5	PHLFIDDTYNANPTSMRAAQVLLQQNGIKVMVMGDIIGELGDSSWQEHHDLG-RDLAELP	393
4ZIY	PHLFIDDTYNANPTSMRAAQVLLQQNGIKVMVMGDIIGELGDSSWQEHHDLG-RDLAELP	393
A0A062KS52 A0A062KS52_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
A0A009RD39 A0A009RD39_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
S3TJJ5 S3TJJ5_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
G2JKZ9 G2JKZ9_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
A0A062IC05 A0A062IC05_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
A0A062F1P6 A0A062F1P6_ACIBA	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
D0CCM8 D0CCM8_ACIB2	ERLFVVDYAH-TPDALIQVLKTLKRH-----VSNQLWAVFGCGGDRDRGKRP	389
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4QDI	LDHIVAVGQ-----FASAALLEGAGLHSTKLFKAFQTQAEALPFLINLI	435
4QF5	LDHIVAVGQ-----FASAALLEGAGLHSTKLFKAFQTQAEALPFLINLI	435
4ZIY	LDHIVAVGQ-----FASAALLEGAGLHSTKLFKAFQTQAEALPFLINLI	435
A0A062KS52 A0A062KS52_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
A0A009RD39 A0A009RD39_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
S3TJJ5 S3TJJ5_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
G2JKZ9 G2JKZ9_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
A0A062IC05 A0A062IC05_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
A0A062F1P6 A0A062F1P6_ACIBA	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
D0CCM8 D0CCM8_ACIB2	LMTQAALDGANPVILTSNPRTEDEPEQIFADMKGIDFSGHRMHEIHDRREAIKFVAEQA	449
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4QDI	QTHQPQSMSFLFKGSRFTH-----METLMADLMEKL-----	466
4QF5	QTHQPQSMSFLFKGSRFTH-----METLMADLMEKL-----	466
4ZIY	QTHQPQSMSFLFKGSRFTH-----METLMADLMEKL-----	466
A0A062KS52 A0A062KS52_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
A0A009RD39 A0A009RD39_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
S3TJJ5 S3TJJ5_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
G2JKZ9 G2JKZ9_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
A0A062IC05 A0A062IC05_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
A0A062F1P6 A0A062F1P6_ACIBA	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
D0CCM8 D0CCM8_ACIB2	QAGD----IVVIAGKGHENYQENGINEVRHWFDDVVEVRSIDAQHHTVDAAYPAQ	499
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