

CLUSTAL O(1.2.4) multiple sequence alignment

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Q2FZP6 | MURE_STAA8      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQN VADQG      60
4C12      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQN VADQG      60
4C13      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQN VADQG      60
Q8NXC2 | MURE_STAAW      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQS VADQG      60
Q6GAQ9 | MURE_STAAS      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQS VADQG      60
Q6GI66 | MURE_STAAR      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQS VADQG      60
Q2YWY9 | MURE_STAAB      MDASTLFKKVKV KRVLGSLEQQIDDITTSRTAREGSI FVASVGYTVDSHKFCQS VADQG      60
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Q2FZP6 | MURE_STAA8      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
4C12      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
4C13      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
Q8NXC2 | MURE_STAAW      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
Q6GAQ9 | MURE_STAAS      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
Q6GI66 | MURE_STAAR      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
Q2YWY9 | MURE_STAAB      CKLVVVNKEQSL PANVTQVVVPD TLRVASILAHTLYDYP SHQLVTFGVTGTNGKTSI ATM      120
*****

Q2FZP6 | MURE_STAA8      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
4C12      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
4C13      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
Q8NXC2 | MURE_STAAW      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
Q6GAQ9 | MURE_STAAS      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
Q6GI66 | MURE_STAAR      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
Q2YWY9 | MURE_STAAB      IHLIQRKLQKNSA YLGTNGFQIN ETKTKGANTTPE TVSLTKKIKEAVDAGAESMTLEVSS      180
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Q2FZP6 | MURE_STAA8      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
4C12      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
4C13      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
Q8NXC2 | MURE_STAAW      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
Q6GAQ9 | MURE_STAAS      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
Q6GI66 | MURE_STAAR      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
Q2YWY9 | MURE_STAAB      HGLVLGRLRGV EFDVAIFSNLTQDHLDFHGTMEAYGHAKSLLFSQLGEDLSKEKYVVLNN      240
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Q2FZP6 | MURE_STAA8      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAKNIQESLQGVSFDFVTPFGTYPVKSPYVGKF      300
4C12      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAKNIQESLQGVSFDFVTPFGTYPVKSPYVGKF      300
4C13      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAKNIQESLQGVSFDFVTPFGTYPVKSPYVGKF      300
Q8NXC2 | MURE_STAAW      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAKNIQESLQGVSFDFVTPFGTYSVKSPYVGKF      300
Q6GAQ9 | MURE_STAAS      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAKNIQESLQGVSFDFVTPFGTYSVKSPYVGKF      300
Q6GI66 | MURE_STAAR      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAENIQESLQGVSFDFVTPFGTYQVKSPYVGKF      300
Q2YWY9 | MURE_STAAB      DDSFSEYLRVT PYPYEVFSYGI DEEAQFMAENIQESLQGVSFDFVTPFGTYPVKSPYVGKF      300
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Q2FZP6 | MURE_STAA8      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
4C12      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
4C13      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
Q8NXC2 | MURE_STAAW      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
Q6GAQ9 | MURE_STAAS      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
Q6GI66 | MURE_STAAR      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
Q2YWY9 | MURE_STAAB      NISNIMAAMIAV WSKGTSLETIIKAVENLEPVEGRLEVLDP SLPIDLI IDYAHTADGMNK      360
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Q2FZP6 | MURE_STAA8      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
4C12      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
4C13      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
Q8NXC2 | MURE_STAAW      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
Q6GAQ9 | MURE_STAAS      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
Q6GI66 | MURE_STAAR      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
Q2YWY9 | MURE_STAAB      LIDAVQPFVKQK LIFLVGMAGERDLTKTPEMGRVACR ADYVIFTPDN PANDDPKMLTAEL      420
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Q2FZP6 | MURE_STAA8      AKGATHQNYIE FDDRAEGIKH AIDIAEPGDTVVLASK GREPYQIMP GHIKVP HRDDLIGL      480
4C12      AKGATHQNYIE FDDRAEGIKH AIDIAEPGDTVVLASK GREPYQIMP GHIKVP HRDDLIGL      480
4C13      AKGATHQNYIE FDDRAEGIKH AIDIAEPGDTVVLASK GREPYQIMP GHIKVP HRDDLIGL      480
Q8NXC2 | MURE_STAAW      AKGATHQNYIE FDDRAEGIKH AIDIAEPGDTVVLASK GREPYQIMP GHIKVP HRDDLIGL      480

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Q6GAQ9   MURE_STAAS	AKGATHQNYIEFDDRAEGIKHAIDIAEPGDTVVLASKGREPYQIMPGHIKVPHRDDLIGL	480
Q6GI66   MURE_STAAR	AKGATHQNYIEFDDRAEGIKHAIDIAEPGDTVVLASKGREPYQIMPGHIKVPHRDDLIGL	480
Q2YWY9   MURE_STAAB	AKGATHQNYIEFDDRAEGIKHAIDIAEPGDTVVLASKGREPYQIMPGHIKVPHRDDLIGL	480

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Q2FZP6   MURE_STAA8	EAYKKFGGGPVD--	493
4C12	EAYKKFGGGPVDRS	495
4C13	EAYKKFGGGPVDRS	495
Q8NXC2   MURE_STAAW	EAYKKFGGGPVGQ-	494
Q6GAQ9   MURE_STAAS	EAYKKFGGGPVGQ-	494
Q6GI66   MURE_STAAR	EAYKKFGGGPVGQ-	494
Q2YWY9   MURE_STAAB	EAYKKFGGGPVGQ-	494

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