

logo

NTDB id 413 AAK55817.1 141..845()	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	80
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEEELLQLS	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSSLEPALEEELLQLS	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HGDRTDPLMPSHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMPSHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQQRVGWVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYNI EP	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQQRVGWVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYNI EP	480
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	RYLHTLKGGANM VQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANM VQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	GQNSNFQPLPVVEAFDAESEVFSEQKVISEI IIDEIPVELEPALAELETHHDQVFD TAVTELATPVEMITTVTSQENEVA	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSEQKVISEI IIDEIPVELEPALAELETHHDQVFD TAVTELATPVEMITTVTSQENEVA	720
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	ANEQDI EAWVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDI EAWVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	800
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRLVPFSRLLP	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESLLLQQSRIQAEIQEGLMRTRLVPFSRLLP	1040
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	RLQRIVRQTSTALNRPAELFVNNTGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRPAELFVNNTGELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	1120
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	VVWFSDDCQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VVWFSDDCQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIKSLGGHVSVES	1200
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	VYGGQTTFTIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEFVGNQP	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VYGGQTTFTIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEFVGNQP	1280
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	IPRLNGVMYSLPVLMIKANNGQTVALLVDQLIGSRAQIVVKPIGQQFSSIGAIAGATILGDGQVCLILDGQNIARQIQST	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	IPRLNGVMYSLPVLMIKANNGQTVALLVDQLIGSRAQIVVKPIGQQFSSIGAIAGATILGDGQVCLILDGQNIARQIQST	1360
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	QRHKQLSEAVYRQRESDEKPIISDIKFNMTKEGYEVVTAFCREALEQFEAEQPDIIILDMLPEIDGLE	62
NTDB id 1046 HON27 RS03130 WP 168726941.1	QRHKQLSEAVYRQRESDEKPIISDIKFNMTKEGYEVVTAFCREALEQFEAEQPDIIILDMLPEIDGLE	1440
NTDB id 1047 HON27 RS03110 WP 000389061.1	MEDAFQNLKVMVIDDSKTIIRTAETLLQREGCEVITAVDGFALSKIAEANPDIVFVDIMPRMDGYE	68
NTDB id 1132957 NMK36 RS00220 WP 072718823.1	MNKVMVEDSVTQREMISNLLKDSGLQVSVASDGEALEQVQKSCPDIMVLDIVMPRMNGYE	62
NTDB id 1417 SGL RS04200 WP 014407071.1	MNAVLLVEDSSSQREMISGLKDHCMQVTIACDGEALEKLQNFSPDLVVLDIVMPRMNGYE	62
consensus	*****!* **** * * !*!*!* !*!*!*!* !*!*!*!*!* !*!*!*!*!* !*!*!*!*!	

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NTDB id 413 AAK55817.1 141..845()	VCRRIKSDPKTQNYPIIMSSKGEEDRWCMQADAYIAKPFQELVGTIKQLLR	139
NTDB id 1046 HON27 RS03130 WP 168726941.1	VCRRIKSDPKTQNYPIIMSSKGEEDRWCMQADAYIAKPFQELVGTIKQLLR	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		121
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus	*** ** ** *****!* ** * !*!* !*!*!* !*!* *****	

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NTDB id 413 AAK55817.1 141..845()	DLEIVPDAYVAKKYGEELDLTHREFELLYHLASHTGQVITREHLLLETVWGYDYFGDVRTVDVTVRRRLREKIEDTPSRPEY	219
NTDB id 1046 HON27 RS03130 WP 168726941.1	DLEIVPDAYVAKKYGEELDLTHREFELLYHLASHTGQVITREHLLLETVWGYDYFGDVRTVDVTVRRRLREKIEDTPSRPEY	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1132957 NMK36 RS00220 WP 072718823.1		121
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 413 AAK55817.1 141..845()	I L T R R G V G Y Y M R N N A	
NTDB id 1046 HON27 RS03130 WP 168726941.1	ILTRRGVGY YMRNNA*	234
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	1506
NTDB id 1132957 NMK36 RS00220 WP 072718823.1	.....	127
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus	.....	121

-  non conserved
-  similar
-  ≥ 50% conserved