

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHRTLKGSGRMIGAKSSA	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHRTLKGSGRMIGAKSSA	80
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSSLEPALEELLQLS	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSSLEPALEELLQLS	160
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTLMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTLMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLEARLLQFNQSWDAYVEQ	320
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	HGDRTDPLMP SHGLV S QLLQLDVSEL L DAELDFEKGIRNEFPDYLERLSEQADLLLQH THSQAMLGLHEYTSQLKESYEV	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMP SHGLV S QLLQLDVSEL L DAELDFEKGIRNEFPDYLERLSEQADLLLQH THSQAMLGLHEYTSQLKESYEV	400
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	LLDKPALLQSDYIF E IYQKAHQQLIQLFDALAAGQRVGVVKQHQS ILEELKLYTQYTPDISNDLPQQDSTSFEPIYNYTES	3
NTDB id 413 AAK55817.1 141..845()	MTS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIF E IYQKAHQQLIQLFDALAAGQRVGVVKQHQS ILEELKLYTQYTPDISNDLPQQDSTSFEPIYNI EP	480
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	DPN.....PDR LNNIY E E ENE RALTS L M	28
NTDB id 413 AAK55817.1 141..845()	PAQAFENWFEEEEGDDAFTSLI	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	RYL.....AGE.....	31
NTDB id 413 AAK55817.1 141..845()		0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	EQNSNPFEELEBYEBAFBAEPEVFSSECKYLSSEITIDEIPVELEPALAELETHHDQVFDTSYCELRFPVEMITDYNSSPEAEYR	
NTDB id 413 AAK55817.1 141..845()	ETNSGIEELDFGDLFEGEPTVIQGEFGFS.....PSSGEEDPPVRMTLDFNSPEAEELD	84
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	0
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	GQNSNFQPLPVVEAFDAESEVFSEQKVISEIIIDEIPVELEPALAELETHHDQVFDTAVTELATPVEMITTVTSQENEVA	720
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	ANEQDI EAWVEALFTLEERTETTEMRESESSSWLEPBNR	
NTDB id 413 AAK55817.1 141..845()	ALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLASIPETNAPAYQTAGGLDDNDLAEQLDLLGVGDVEP	153
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	0
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNR.....S.....ILL.....	763
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	AITNPGLHSFAGADRVPTLTNEVLL.FA.....AIDDDLGLINAPVLDEEFSF.....TELETLIDTPAPKS	214
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	.QLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFALHHFNNSNIYDHLLESIAIWLKDAIFNHNHYQHFDGLQQSLENIQ	842
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	FATIFETTFSTPYKMBREDFRSLERLLEQADSSYMTFIRCGTERPMSIEBCYRBSNNQYRVSADETERMTSLF	
NTDB id 413 AAK55817.1 141..845()	FATISHPFRLPVAMEEDEDKFDLEALLEQADSSLGGGIAGMGGARLPARP...RQVKSRSEFQTMRVPIKQLDNLSNLI	291
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	0
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	F..FETTIQIPTKLTRA.DLFSS.EP.....VMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMIDLS	910
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	G E S Y N R R R I E S D C E E S F S F L Y M E L N A Q R L S D G L R M E D E Y E R T L E G A L L A S R S T N S R H H S S K T T Y P D A R I A K S S S E H	371
NTDB id 413 AAK55817.1 141..845()	G E L V V K R N R L E Q D Q E R L R Q F L D N L L N Q A Q N L S D V G G R M Q D L Y E R T L L E G A L L A S R S T N S R H H S S K T T Y P D A R I T A S S S S T	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	G E N S I N R S R I E M D L S Q F S H T L V E M E L A I Q R L A D Q L R R M E G E L E T Q I I A K H G I E H	964
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	S R Y C E F D A L E M D S Y S S F H N L S R E M A E A S B Y K E F K S D I S Y K Y B E T E S Y A R G E R S Y C A E I Q E G M T R S R M V P F S I S I A B R L P R	451
NTDB id 413 AAK55817.1 141..845()	M N D Q P L D A L E M D R F T G F H L L S Q E M I E L I V R V R E S A S D I Q Y L V D E T D Q V A R T L R Q V T T Q L Q E G M T K S R M V P F T Q T A D R L P R	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	S R Y T D F D P L E M D Q Y S S L N Q L S K S L A E S A S D L V D F K N T L S D K I R D T E S L L L Q Q S R I Q A E I Q E G L M R T R L V P F S R L L P R L Q R	1044
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	A Y R E Y S T A L N R X E L E V N N T E Y E I D R M I L E R L Y N P M E H L Y N N A I S H G I E S F A E R Q R A N K S E E G R I E Y S A P E Q G N S Y Y Y Y	531
NTDB id 413 AAK55817.1 141..845()	A I R E V S M K L N K K V N L E V E G G D V L I D K M I L E H L Y N P M T H L V N N A I T H G I E T P A E R Q K L G K S P E G H L A V R A F L Q G N Q T L I T V	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	I V R Q T S T A L N R P A E L F V N N T E G E L D R N I L E R L V T P L E H M L R N A I D H G L E D R A Q R Q Q A N K P E T G R I E L N I Q R Q G T D V V V V F	1124
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1	S D D G R G I N Y E M V R Q K A Y E K G L I R F M E A Q S L E Q S E Y Y B L I F H R G F S T K E S X S S F A G R G V G L D W S I S I K S I S G A Y S Y E S Y Y	611
NTDB id 413 AAK55817.1 141..845()	S D D G A G I N T E M V K Q K A V E K G L I S R M E A Q S L S Q S E V Y D L L F H A G F S T K D T A D D F A G R G V G L D V V R T S L I D I R G A I N I E S T V	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	S D D G Q G I D V E K V R Q K A L L A G L I K P . . E Q D L E Q Q D I L Q L I F H P G L S T A E Q V T Q I S G R G V G L D V V Q S D I K S L G G H V S V E S V Y	1202
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
consensus		

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NTDB id 1419 SGL RS12550 WP 010873252.1		
NTDB id 413 AAK55817.1 141..845()	RKTNSI.LSRFKKARGNFSEEAPTIVRSNPRTL.....R.....STVLIIDDSVMVREMLSMTFKKADYHTETARDGQDA	997
NTDB id 374 SMU RS06885 WP 002262930.1	Q.EADSKPQPI..QIGDLEIVPDAYVAKKYGEELDLTHREFELLYHLASHTGQVITREHLLET.....V	187
NTDB id 1046 HON27 RS03130 WP 168726941.1	AEENASGIPEI..IIGDLQILPDAFVAKKRGTEVELTHREFELLHHLATHTGQVMTREHLLET.....V	188
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	1506
NTDB id 1417 SGL RS04200 WP 014407071.1		121
NTDB id 1047 HON27 RS03110 WP 000389061.1		121
consensus		127

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NTDB id 1419 SGL RS12550 WP 010873252.1		
NTDB id 413 AAK55817.1 141..845()	WEKCLKSGLPCDLILCDIEMPRMNGLELLERIQEDPNLSRIPVAMITSRGAQKMQRMAAEKGAKGYFVKPYIEETLLEASQ	1077
NTDB id 374 SMU RS06885 WP 002262930.1	WGYDYFG...DVRTVDVTV.....RRLREKIEDTPSR...PEYILT.....RRGVGYMRNNA*.....	234
NTDB id 1046 HON27 RS03130 WP 168726941.1	WGYDYFG...DVRTVDVTV.....RRLREKIEDTPSR...PEYILT.....RRGVGYMRNNA*.....	235
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	1506
NTDB id 1417 SGL RS04200 WP 014407071.1		121
NTDB id 1047 HON27 RS03110 WP 000389061.1		121
consensus		127

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NTDB id 1419 SGL RS12550 WP 010873252.1		
NTDB id 413 AAK55817.1 141..845()	RLIRGEVLLDLAALSADE	1095
NTDB id 374 SMU RS06885 WP 002262930.1	.....	234
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	235
NTDB id 44353 SYNPCCP RS02335 WP 014407071.1	.....	1506
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	121
consensus	.....	127

-  non conserved
-  similar
-  ≥ 50% conserved