

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033250 AB8P72 RS11280 WP 068403524.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA
 0
 0
 MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA 80
 0
 0
 0

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033250 AB8P72 RS11280 WP 068403524.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEELLQLS
 0
 0
 ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEELLQLS 160
 0
 0
 0

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033250 AB8P72 RS11280 WP 068403524.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR
 0
 0
 HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR 240
 0
 0
 0

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033250 AB8P72 RS11280 WP 068403524.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLERLLQFNQSWDAYVEQ
 0
 0
 GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLERLLQFNQSWDAYVEQ 320
 0
 0
 0

logo

NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1033250 AB8P72 RS11280 WP 068403524.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

HGDRTDPLMP SHGLV S QLLQLDVSEL LDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV
 0
 0
 HGDRTDPLMP SHGLV S QLLQLDVSEL LDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV 400
 0
 0
 0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAAGQRVGVVKQHQSI	LEELKLYTQYTPDISNDLPQQDSTSFEP	IYNI	EP	0
NTDB id 413 AAK55817.1 141..845( )	.....	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAAGQRVGVVKQHQSI	LEELKLYTQYTPDISNDLPQQDSTSFEP	IYNI	EP	480
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	.....	0
consensus	.....	.....	.....	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	EPEVVATVENFSDSADWAVLGGQSVQQDRQYISSTQVNRNFDADLLDIFLEEA	EELLELEGIDTDLNIWVGEQENFAALNNLM	0
NTDB id 413 AAK55817.1 141..845( )	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGGQSVQQDRQYISSTQVNRNFDADLLDIFLEEA	EELLELEGIDTDLNIWVGEQENFAALNNLM	560
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	0
consensus	.....	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	RYLHTLKGGANMVQATYLGLIAHELES	IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTTINALKRA	0
NTDB id 413 AAK55817.1 141..845( )	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLGLIAHELES	IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTTINALKRA	640
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	0
consensus	.....	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	GQNSNFQPLPVVEAFDAESEVFSEQKVI	SEIIDEIPVELEPALAELETHHDQVFD	AVTELATPVEMITTVTSQENEVA	0
NTDB id 413 AAK55817.1 141..845( )	.....	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSEQKVI	SEIIDEIPVELEPALAELETHHDQVFD	AVTELATPVEMITTVTSQENEVA	720
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	.....	0
consensus	.....	.....	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS	ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	0
NTDB id 413 AAK55817.1 141..845( )	.....	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS	ILLQLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFAL	800
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	.....	0
consensus	.....	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	HHFNSNIYDHLLESIAIWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESIAIWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	GAWEQTERLDQNNEMIRVSADLIEKMI DLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMI DLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESSLQQSRIQAEIQEGLMRTRLVPFSRLLP	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESSLQQSRIQAEIQEGLMRTRLVPFSRLLP	1040
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	RLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVTPL EHLR NAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRP AELFVNNT EGELDRNILERLVTPL EHLR NAIDHGLEDRAQRQQANKPETGR IELNIQRQGT DV	1120
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	VVVFSDDGQIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLD VVQSDIKSLGGHVSVES	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VVVFSDDGQIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLD VVQSDIKSLGGHVSVES	1200
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus	.....	0

<0

logo

NTDB id 374 SMU RS06885 WP 002262930.1	YILTRRGVGYMRSYD	235
NTDB id 413 AAK55817.1 141..845()	YILTRRGVGYMKSYD.	234
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	1506
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
NTDB id 1033250 AB8P72 RS11280 WP 068403524.1	.....	115
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
consensus		

 non conserved
 similar
 ≥ 50% conserved