

logo

	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHHTLKGSGRMIGAKSSA	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFHHTLKGSGRMIGAKSSA	80
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEEELLQLS	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEEELLQLS	160
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	320
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	HGDRTDPLMPHSHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMPHSHGLVSQLLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYNIEP	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEP IYNIEP	480
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGLDIDLNIWVGEQENFAALNNLM	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGLDIDLNIWVGEQENFAALNNLM	560
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	RYLHTLKGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLG LIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	GQNSNFQPLPVVEAFDAESEVFSQKVI SEI I I DEIPVELEPALAELETHHDQVFD TAVTELATPVEMITTVTSQENEVA	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSQKVI SEI I I DEIPVELEPALAELETHHDQVFD TAVTELATPVEMITTVTSQENEVA	720
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAIAYQLENAFEQFAL	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDI EAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQLQRAVHSLKGGARMVGL EAVQAIAYQLENAFEQFAL	800
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus		

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	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQAEIQEGLMRTRLVPPFSRLLP	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQAEIQEGLMRTRLVPPFSRLLP	1040
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	RLQRIVRQTSTALNRPaelFVNNTegELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	RLQRIVRQTSTALNRPaelFVNNTegELDRNILERLVTPLEHMLRNAIDHGLEDRAQRQQANKPETGRIELNIQRQGTDV	1120
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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	VVVFSDDCQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDWWQSDIKSLGGHVSVES	
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VVVFSDDCQGI DVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDWWQSDIKSLGGHVSVES	1200
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
NTDB id 1417 SGL RS04200 WP 014407071.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	YILTRRGVGYMKSYD	235
NTDB id 1046 HON27 RS03130 WP 168726941.1	1506
NTDB id 148754 REIFOR RS14300 WP 100258213.1	.....	126
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

non conserved
 similar
 $\geq 50\%$ conserved