

logo

NTDB id 374 SMU RS06885 WP 002262930.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMI GAKSSAELAWT	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMI GAKSSAELAWT	85
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEELLQLSHTLMAETVTG	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQQLQQQSLEPALEELLQLSHTLMAETVTG	170
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	LELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LELDYIEQDSLAEPIIQATHTEIEINLDETLTLFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	255
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	TKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLELLSRYSSSEQL EARLLQFNQSWDAYVEQHGDRTDPLMP SHGLVSQLLQ	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLELLSRYSSSEQL EARLLQFNQSWDAYVEQHGDRTDPLMP SHGLVSQLLQ	340
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLI	425
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	QLFDALAAGQRVGVVKQHSILEELKLYTQYTPDISNDLPQQDSTSFEP IYNI EPEPEVATVENFSDSADWAVLGQSVQQDRQY	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	QLFDALAAGQRVGVVKQHSILEELKLYTQYTPDISNDLPQQDSTSFEP IYNI EPEPEVATVENFSDSADWAVLGQSVQQDRQY	510
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	I SSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLMRYLHTLKGGANMVQATYLG LIAHELES IYERLIQK	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ISSTQVNRNFDADLLDIFLEEAEELLEGIDTDLNIWVGEQENFAALNNLMRYLHTLKGGANMVQATYLG LIAHELES IYERLIQK	595
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	QLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPVVEAFDAESEVFSEQKVI SEI IIDEIPVEL	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	QLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPVVEAFDAESEVFSEQKVI SEI IIDEIPVEL	680
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	EPALAELETHHDQVFDTAVTELATPVEMITTVTSQENEVAANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQL	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPALAELETHHDQVFDTAVTELATPVEMITTVTSQENEVAANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRS ILLQL	765
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	QRAVHSLKGGARMVGL EAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQI	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	QRAVHSLKGGARMVGL EAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQI	850
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMIIDLSGENSINRSRIEMDLSQFSHTLVEME	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	PTKLTRADLFSSEPVMTFIQGDGTEPPPMGAWEQTERLDQNNEMIRVSADLIEKMIIDLSGENSINRSRIEMDLSQFSHTLVEME	935
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	LAIQRLADQLRRMEGELETQIIAKHGI EHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	LAIQRLADQLRRMEGELETQIIAKHGI EHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESELLLQQSRIQ	1020
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	AEIQEGLMRTRLVFPFSRLLPRLQRI VRQTSTALNRP AELFVNNT EGELDRN I LERLVT PLEHMLRNA IDHGLEDRAQRQQANKPE	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	AEIQEGLMRTRLVFPFSRLLPRLQRI VRQTSTALNRP AELFVNNT EGELDRN I LERLVT PLEHMLRNA IDHGLEDRAQRQQANKPE	1105
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	TGRIELNIQRQGTDVVVVFSDDGQIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	TGRIELNIQRQGTDVVVVFSDDGQIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQVTQISGRGVGLDVVQSDIK	1190
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	SLGGHVSVESVYGGTTFTIRVPPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	0
NTDB id 413 AAK55817.1 141..845( )	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	SLGGHVSVESVYGGTTFTIRVPPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYENKRYPLRYLSEF	1275
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 84251 COW1 RS14045 WP 096367643.1	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	0
consensus	0

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NTDB id 374 SMU RS06885 WP 002262930.1	 D.	235
NTDB id 413 AAK55817.1 141..845()	 A*	234
NTDB id 1046 HON27 RS03130 WP 168726941.1	 ..	1506
NTDB id 1417 SGL RS04200 WP 014407071.1	 ..	121
NTDB id 84251 COW1 RS14045 WP 096367643.1	 ..	118
NTDB id 1047 HON27 RS03110 WP 000389061.1	 ..	127
consensus		

 non conserved
 similar
 $\geq 50\%$ conserved