

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIVFDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	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	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIVFDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSAELAWT	85
NTDB id 235610 XM38 RS19480 WP 080810017.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEELLQLSHTLMAETVTG	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	VEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDFNFKQKRAHTLDFRPLILLGQQLQQQSLEPALEELLQLSHTLMAETVTG	170
NTDB id 235610 XM38 RS19480 WP 080810017.1	.....	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	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	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	LELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEAS	255
NTDB id 235610 XM38 RS19480 WP 080810017.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
consensus		

logo

NTDB id 1419 SGL RS12550 WP 010873252.1	TKVEHLFKILLQEELSSHSEEILLQEYREFVDRSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQHGDRTPLMPSHGLVSQLLQ	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	TKVEHLFKILLQEELSSHSEEILLQEYREFVDRSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQHGDRTPLMPSHGLVSQLLQ	340
NTDB id 235610 XM38 RS19480 WP 080810017.1	.....	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
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 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLDDKPALLQSDYIFEIYQKAHQQLI

 LDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEVLDDKPALLQSDYIFEIYQKAHQQLI

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NTDB id 1419 SGL RS12550 WP 010873252.1
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 NTDB id 374 SMU RS06885 WP 002262930.1
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 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

QLFDALAAGQRVGVVKQHQSIILEELKLYTQYTPDISNDLPQQDSTSFEPINYITEPDMTESEPNVWATVENFSDSADWAVLGQSVQQDRQY

 QLFDALAAGQRVGVVKQHQSIILEELKLYTQYTPDISNDLPQQDSTSFEPINYITEPDMTESEPNVWATVENFSDSADWAVLGQSVQQDRQY

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NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

ISSTQVNRNFDADLLDIFLEEAEELLEGIPTIRINNYEENEERAIHTSLMRYLTAQAFETFELEEEDAFNNITAGEHTLKGGANMVQATYLGGLIAHELES IYERLIQK

 ISSTQVNRNFDADLLDIFLEEAEELLEGIPTIRINNYEENEERAIHTSLMRYLTAQAFETFELEEEDAFNNITAGEHTLKGGANMVQATYLGGLIAHELES IYERLIQK

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NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

QLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAEQNSNFEELDYELFSAEPEVLSQKYSSEIIDEIPVEL

 QLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRAEQNSNFEELDYELFSAEPEVLSQKYSSEIIDEIPVEL

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NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

EPALAELETHHDQVFDTSYGLERIPVEMITLDYNSPENRYRANEQDI EAVVEALFTLEERTELLEYREFELSSWLEPQNR EADPLA
 PSSGEEDPPVRMTLDFNSPEAELD..... ALFTDEDAPTTAIDPFESSSWLEIDQMMEADPLA

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NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

SIPETNAPAYQTAGGLDDNDLLELQDLLGVGDVEPAITNPNGLHSFAGADRVTPLTNEVLL.FA.....AIDDLGLINAPVL
 SIPETNAPAYQTAGGLDDNDLAE LQDLLGVGDVEPAITNPNGLHSFAGADRVTPLTNEVLL.FA.....AIDDLGLINAPVL
 S.....ILL.....QLQRAVHSLKGGARMVGLEAVQAIAYQLENAFEQFALHFFNSNIYDHLL

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NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

DEEFSF.....TELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EALLEQADSSLYGTFIRGNGTEFPXSEAWES
 DEEFSF.....TELETLIDTPAPKSFATISHPFRLPVAMEEDEDEFKDL EALLEQADSSLYGTFIRGNGTEFPXSEAWES
 ESAIAWLKDAIFNHNYQHFDGLQQSLENIQF..FETTIQIPTKLTRA.DLFSS.EP.....VMTFIQGDGTEPPPMGAWEQ

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logo

NTDB id 1419 SGL RS12550 WP 010873252.1
 NTDB id 413 AAK55817.1 141..845()
 NTDB id 374 SMU RS06885 WP 002262930.1
 NTDB id 1046 HON27 RS03130 WP 168726941.1
 NTDB id 235610 XM38 RS19480 WP 080810017.1
 NTDB id 1417 SGL RS04200 WP 014407071.1
 NTDB id 1047 HON27 RS03110 WP 000389061.1
 consensus

QVKRSRFEQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQNLSDVGGRMQDLYERTLLEGALLASRSTNSR
 QVKRSRFEQTMRVPIKQLDNLSNLIGELVVKRNRLEQDQERLRQFLDNLLNQAQNLSDVGGRMQDLYERTLLEGALLASRSTNSR
 TERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQI.....

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956
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NTDB id 1419 SGL RS12550 WP 010873252.1		1095
NTDB id 413 AAK55817.1 141..845()		234
NTDB id 374 SMU RS06885 WP 002262930.1		235
NTDB id 1046 HON27 RS03130 WP 168726941.1		1506
NTDB id 235610 XM38 RS19480 WP 080810017.1		121
NTDB id 1417 SGL RS04200 WP 014407071.1		121
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
consensus		

- X non conserved
- X similar
- X ≥ 50% conserved