

logo

NTDB id 1143 A1552VC RS01965 WP 001883436.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	80
NTDB id 374 SMU RS06885 WP 002262930.1	MRLCPRFSLDLLVKVKKLVNFVTLGFSCLSPTHAWRSPQSFTESNTLIMFRFYRKQKFKRLQNTLMAAFLALSIIPLTIT	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	ALFFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGfVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	160
NTDB id 374 SMU RS06885 WP 002262930.1	ALFFFLHSHSKDLEQQSTSYLVSVRDNKQQQVIDYMMAKESEVMGfVRSELAYASGGRFYGLVNAFQRLDVSIEAAREHAQ	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDfDDILLVDIDGNVWYSIYKYDNFGTNLLTGKYQ	240
NTDB id 374 SMU RS06885 WP 002262930.1	QRYITGSGDQIKTSVLPQSSSYVGSERYRLLHKRYHWAYLELLKRSDfDDILLVDIDGNVWYSIYKYDNFGTNLLTGKYQ	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	DTNLGHTFKRLEQTVNEQRKTNEdFTPWVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLIAGSSNPSM	320
NTDB id 374 SMU RS06885 WP 002262930.1	DTNLGHTFKRLEQTVNEQRKTNEdFTPWVISDFVQEDGKQYAWLGAPIIQQGYLHSYAMFRLPSNAITKLIAGSSNPSM	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	QTILVGQDHRsRTLTSAEIAVEKSKAWDLALSCKRAVGTYTNTDGEQIIAAYAPINLKNIHwALVVELPEKEAFARVRQ	400
NTDB id 374 SMU RS06885 WP 002262930.1	QTILVGQDHRsRTLTSAEIAVEKSKAVVDLALSGKRAVGTYTNTDGEQIIAAYAPINLKNIHwALVVELPEKEAFARVRQ	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		0
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LEKLFVVFAMLT	480
NTDB id 374 SMU RS06885 WP 002262930.1	LEKLFVVFAMLT	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	LEKLFVVFAMLT	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	LEKLFVVFAMLT	0
NTDB id 1417 SGL RS04200 WP 014407071.1	LEKLFVVFAMLT	0
consensus	LEKLFVVFAMLT	0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	KSQNKELESNLLI	560
NTDB id 374 SMU RS06885 WP 002262930.1	KSQNKELESNLLI	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	KSQNKELESNLLI	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	KSQNKELESNLLI	0
NTDB id 1417 SGL RS04200 WP 014407071.1	KSQNKELESNLLI	0
consensus	KSQNKELESNLLI	0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLVDDLLDYHKMRY	640
NTDB id 374 SMU RS06885 WP 002262930.1	TLVDDLLDYHKMRY	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	TLVDDLLDYHKMRY	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	TLVDDLLDYHKMRY	0
NTDB id 1417 SGL RS04200 WP 014407071.1	TLVDDLLDYHKMRY	0
consensus	TLVDDLLDYHKMRY	0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TSECKIVISATYIDDKV	720
NTDB id 374 SMU RS06885 WP 002262930.1	TSECKIVISATYIDDKV	0
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	TSECKIVISATYIDDKV	0
NTDB id 1047 HON27 RS03110 WP 000389061.1	TSECKIVISATYIDDKV	0
NTDB id 1417 SGL RS04200 WP 014407071.1	TSECKIVISATYIDDKV	0
consensus	TSECKIVISATYIDDKV	0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	GTTFSFTLPLASEEEEIAQARLT	800
NTDB id 374 SMU RS06885 WP 002262930.1	GTTFSFTLPLASEEEEIAQARLT	32
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	GTTFSFTLPLASEEEEIAQARLT	38
NTDB id 1047 HON27 RS03110 WP 000389061.1	GTTFSFTLPLASEEEEIAQARLT	38
NTDB id 1417 SGL RS04200 WP 014407071.1	GTTFSFTLPLASEEEEIAQARLT	32
consensus	GTTFSFTLPLASEEEEIAQARLT	0

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	DGHQVLEATIKREKPELVLDIMMPGMSGYQVCEKLRQTYDHAELPIIMLTALNQSDDEIVGFEAGANDYLSKPFNKQETLA	880
NTDB id 374 SMU RS06885 WP 002262930.1	DGREALSKEYEENPDLTILDIMLPELDGLVAKVVRK...NSHVPIIMLSAKDSEFDKVICLETGADDYVTKPFSNREL	109
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	DGFDALAKTIADTNPDLIFFVDIMMPRLDGYQTCALIKNNADFAATPVIMLSSKDGDFDKARGRIVCSDEYLTKPFSKEELF	118
NTDB id 1047 HON27 RS03110 WP 000389061.1	DGFEALS KIAE ANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNPVIMLSSKDGDFDQAKGRVVCSDYLTKPFSKDEL	118
NTDB id 1417 SGL RS04200 WP 014407071.1	DGVEALEKIQNFSPDLVVLDI VMPRMNGYEVCRRIKSDPKTKNPVIMCSSKGEEFDKFWCMRQGADAYIAKPFQPMELV	112
consensus	!! **! ** * *!*****!***!***!*** ** *!*!!***** *!* *! *!*****!***!!*	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	ARIVAHILTASKAELRRIENALQKELKHRAMVEASLLETQGRILLEQLESAPAILCVKEGKNKVRFANEAAAAARLFRRTPEQ	960
NTDB id 374 SMU RS06885 WP 002262930.1	ARVKAHLRRTENIESAVAEEN.....ASGIPEIIIGDLQILPDADFVAKKRGTEVELTHREFELLHHLATHT	175
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	DTIERHRPAS.....	128
NTDB id 1047 HON27 RS03110 WP 000389061.1	NAIRNEVSS.....	127
NTDB id 1417 SGL RS04200 WP 014407071.1	GTIKQLLRN.....	121
consensus	* ** ** *	

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	LKRSNAEELIAPKFLNIEQEHYCGNI...DVIYVDDVRQHLSADVLRLPQGSGLQAMYIFNVGGSVNAARIHNLETAVEAL	1037
NTDB id 374 SMU RS06885 WP 002262930.1	GQVMTREHLLT...TVWGYYDFGDVRTVDVTVRRLREKIED....TP....SRPEYILTRRGV.....	227
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		128
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	SSYAFEGDKDKLQKLKELGGEFTRLADKASGEIMKKQDLMAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDRS	1117
NTDB id 374 SMU RS06885 WP 002262930.1	SSYAFEGDKDKLQKLKELGGEFTRLADKASGEYQSKQDLMRAVLVEAMTSALNYWERVSGQSKFTFAEQSGLWRVYLDRS	235
NTDB id 109698 ABXH21 RS01200 WP 050324978.1	GYMKSYD.....	128
NTDB id 1047 HON27 RS03110 WP 000389061.1		127
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 1143 A1552VC RS01965 WP 001883436.1	TLQTRTLDKYLRIETLPKTPRWRTVLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	1177
NTDB id 374 SMU RS06885 WP 002262930.1	TLQTRTLDKYLRIETLPKTPRWRTVLNSLDYILEHCKEAGPERTHIEMQRDKLQKLLTSE	235
NTDB id 109698 ABXH21 RS01200 WP 050324978.1		128
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