

logo

NTDB id 89724 LDM87 RS00010 WP 223892972.1
NTDB id 1207 C694 RS07860 WP 000749005.1
consensus

MKKsLCLSFLLTFSNPLQALVIELLEEIKTSPHKGTFAKVLDSKkPRQVLGVYNISPHKKLTLTITHISTAIYQPLDEKLSLE

MKKIILCLSFLLTFSNPLQALVIELLEEIKTSPHKGTFAKVLDSKEPRQVLGVYNISPHKKLTLTITHISTAIYQPLDEKLSLE

MKKSLCLSFLLTFSNPLQALVIELLEEIKTSPHKGTFAKVLDSKKPRQVLGVYNISPHKKLTLTITHISTAIYQPLDEKLSLE

!!

85
85

logo

NTDB id 89724 LDM87 RS00010 WP 223892972.1
NTDB id 1207 C694 RS07860 WP 000749005.1
consensus

TTLNPNRPTIPRNTQIVFSSKELKEshPHQMPSLNVPIQKQPQNKPTSSQQSSQNFsyTEskLGSKNsKNSLLQPLATPSKISsPAN

TTLNPNRPTIPRNTQIVFSSKELKE..PHQMPSLNVPIQKQPQNKPTSSQQSLQNFpyTESKLGSKNPKNSLLQPLATPNKISSAN

TTLNPNRPTIPRNTQIVFSSKELKESHPHQMPSLNAVPMQKQPQNKPHSSQQPSQNFsyPEPKLGSKNsKNSLLQPLAIPSKISPTN

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!*!!!!!!!!*!!!!*!!!!*!*!*!!!!*!!!!!!!!!!!!*!!!!*!!!!*!!!!

168
170

logo

NTDB id 89724 LDM87 RS00010 WP 223892972.1
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consensus

EVRTPPTNDTKPTLKHSSSEDQESNLfYAPPTTEKTLPNNTsNANIsENNESNENRDsVEKQAIRDPANyKEFACGKWVYDDENLQAYR

EVKTPTNDTKPTLKHSSSEDQENNLfVAPPTTEKTLPNNTPNANINEHNESNENRDSVEKQAIRDPNvKEFACGKWVYDDENLQAYR

ETQTPTNDTKPTLKHSSSEDQESNLfITPPTTEKTLPNNTSNADISENNESNENKDNVEKQAIRDANIKEFACGKWVYDDENLQAYR

!!!!!!!!!!!!!!!!*!!!!!!!!!!!!*!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!*!*!!!!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!!

253
255

logo

NTDB id 89724 LDM87 RS00010 WP 223892972.1
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consensus

PSILKRVEDKQTATDITPCDYSNAENKSGKIITPYTKISVHKTEPLEEPQTFEAKNNFATILQARSSTEKCKRARARKDGTTRQC

PSILKRVEDKQTATDITPCDYSNAENKSGKIITPYTKISVHKTEPLEEPQTFEAKNNFTILQARSSTEKCKRARARKDGTTRQC

PSILKRVEDKQTATDITPCDYSNAENKSGKIITPYTKISVHKTEPLEEPQTFEAKNNFATILQARSSTEKCKRARARKDGTTRQC

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338
340

logo

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consensus

YLIEEPLKQAWSEYqITTQLVKAIYERPKQDDQVEsTFYETsELAYSSTRKSEITHNELNLNEKFMEFVEVEYEGHYLNDIyKES

YLIEEPLKQAWSEYQITTQLVKAIYERPKQDDQVEsTFYETNELAYSSTRKSEITHNELNLNEKFMEFVEVEYEGHYLNDIVKES

YLIEEPLKQAWSEYEITTQLVKAIYERPKQDDQVEPTFYETS ELAYSSTRKSEITHNELNLNEKFMEFVEVEYEGHYLNDIiKES

!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!

423
425

logo

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consensus

SEYKEWKNHVRfKEGVQWALEIEEQPRAKSTPLSIENSRWCVKKGNyLFNEV

SEYKEWKNHVRfKEGVCMVLEIEEQPRAKSTPLSIENSRVVCVKKGNyLFNEV

SEYKEWKNHVRfKEGVCMALEIEEQPRAKSTPLSIENSRVVCVKKGNyLFNEV

!!

477
479

ⓧ

non conserved

✖

similar

ⓧ

≥ 50% conserved