

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



80
80

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



160
160

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
NTDB id 1151 GTF74 RS04205 WP 001911421.1
consensus



240
240

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus



320
320

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus



400
400

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus



480
480

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus



560
560

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus

GISYYRNQELTKHFGAPYGLISNEFLSASCavgEEQDNSSLIGSQFGVVKNTTEELAVSNLPNIQVTFSSQVSVNHHTTKL
GISYYRNQELTKHFGAPYGLISNEFLSASCavgEEQDNSSLIGSQFGVVKNTTEELAVSNLPNIQVTFSSQVSVNHHTTKL
!!

640
640

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus

LGyRMSEPLKIAyGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPgKYRLKvRSANPTQRyRTEALFD
LGyRMSEPLKIAyGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPgKYRLKvRSANPTQRyRTEALFD
LGyRMSEPLKIAyGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPgKYRLKvRSANPTQRyRTEALFD
!!

720
720

logo

NTDB id 161957 ASZ83 RS04290 WP 001911421.1
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consensus

FEVLQPWYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQLRHQSKIVLSNNHQLRKQLQLHHTILG
FEVLQPWYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQLRHQSKIVLSNNHQLRKQLQLHHTILG
FEVLQPWYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQLRHQSKIVLSNNHQLRKQLQLHHTILG
!!

800
800

logo

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NVLDNIDASLRHLSSyAKvRAWSEFEAPFNKVKQELAQLFHMHRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYs
NVLDNIDASLRHLSSyAKvRAWSEFEAPFNKVKQELAQLFHMHRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYs
NVLDNIDASLRHLSSyAKvRAWSEFEAPFNKVKQELAQLFHMHRGDEDESKYHDLHLLIESALKSWQEEYSKALIKLTYs
!!

880
880

logo

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GEPRFVEVRQFNLDVLFNAVLTDAIKRlyKHQELTIQLEVRNAQAVIVFSDFGAPIQNI DKTMTVLSGSSyPLEELVIRs
GEPRFVEVRQFNLDVLFNAVLTDAIKRlyKHQELTIQLEVRNAQAVIVFSDFGAPIQNI DKTMTVLSGSSyPLEELVIRs
GEPRFVEVRQFNLDVLFNAVLTDAIKRlyKHQELTIQLEVRNAQAVIVFSDFGAPIQNI DKTMTVLSGSSyPLEELVIRs
!!

960
960

logo

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consensus

GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALyVS
GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALyVS
GGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNFTTSTAAQALyVS
!!

1040
1040

logo

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consensus

ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSyFSQRFKHHFGLSPSQFIEDQEN
ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSyFSQRFKHHFGLSPSQFIEDQEN
ERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSyFSQRFKHHFGLSPSQFIEDQEN
!!

1114
1114

 non conserved
 similar
 $\geq 50\%$ conserved