

logo

NTDB id 295744 AM489 RS09625 WP 003163304.1  
NTDB id 1196 PAKAF RS09365 WP 016253171.1  
consensus

MVRLRTLVRATAAASVLTSGMAHGLGLGEITLKSALNQPLDAEIELLEVRDLGSGEVIIPSLASPEEFSKAGVDRLYYLTD  
MVRLRTLVRATAAASVLTSGMAHGLGLGEITLKSALNQPLDAEIELLEVRDLGSGEVIIPSLASPEEFSKAGVDRLYYLTD  
!!

80  
80

logo

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consensus

LKFTPWKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ  
LKFTPVVKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ  
LKFTPVVKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ  
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160  
160

logo

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consensus

APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNIINRLKSGQVLRIPTEQQMLERSP  
APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNIINRLKSGQVLRIPTEQQMLERSP  
APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNIINRLKSGQVLRIPTEQQMLERSP  
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240  
240

logo

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REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA  
REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA  
REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA  
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320  
320

logo

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VTKESLDSTRRENEELQSRMQDLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAAPNAALPDASQPNAAAQAPAPQGT  
VTKESLDSTRRENEELQSRMQDLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAAPNAALPDASQPNAAAQAPAPQGT  
VTKESLDSTRRENEELQSRMQDLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAAPNAALPDASQPNAAAQAPAPQGT  
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400  
400

logo

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PAAAPTAPAGEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL  
PAAAPTAPAGEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL  
PAAAPTAPAGEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL  
!!

480  
480

logo

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LMILSRRNAQKEKEEAQFAADTGEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF  
LMILSRRNAQKEKEEAQFAADTGEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF  
LMILSRRNAQKEKEEAQFAADTGEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF  
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560  
560

logo

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NQAAELLQNAIYDEPQRTDLRLKLMEVYAEMGDREGFARQENELREI GGAQPQVEQLKSRYPAMVAVAAVAGLAGAKLAQ  
NQAAELLQNAIYDEPQRTDLRLKLMEVYAEMGDREGFARQENELREI GGAQPQVEQLKSRYPAMVAVAAVAGLAGAKLAQ  
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640  
640

logo

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DELDSFSLDDL SLDDSGHAAKPD AAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAASTPADKPVDDL  
DELDSFSLDDL SLDDSGHAAKPD AAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAASTPADKPVDDL  
DELDSFSLDDL SLDDSGHAAKPD AAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAAST\*ADKPVDDL  
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720  
720

logo

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consensus

DFGLDFAEL AETPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAEEPALSLPDDFDLSL  
DFGLDFAEL AETPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAEEPALSLPDDFDLSL  
DFGLDFAEL AETPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAEEPALSLPDDFDLSL  
!!

800  
800

logo

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ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA  
ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA  
ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA  
!!

880  
880

logo

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RAYIDMGDSEGARDILDEVLAEGNDSQQAEARELLERLA  
RAYIDMGDSEGARDILDEVLAEGNDSQQAEARELLERLA  
RAYIDMGDSEGARDILDEVLAEGNDSQQAEARELLERLA  
!!

919  
919

⊠ non conserved  
✖ similar  
⊠ ≥ 50% conserved