

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

MVRLRTLVRATAAASVLTSGMAHGLGLGEITLKSALNQPLDAEIELLEVRDLGSGEVIIPSLASPEEFSKAGVDRLYYLTD
MVRLRTLVRATAAASVLTSGMAHGLGLGEITLKSALNQPLDAEIELLEVRDLGSGEVIIPSLASPEEFSKAGVDRLYYLTD
!!

80
80

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

LKFTPWKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ
LKFTPVVKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ
LKFTPVVKPNGKSVIRVTSSKPVQEPYLNFLVQVLPNGRLLREYTVLLDPPLYSPQAAAAPQAPVSAPRATGAPRAPQ
!!

160
160

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNINRLKSGQVLRIPTEQQMLERSP
APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNINRLKSGQVLRIPTEQQMLERSP
APAPVRTTAPAGSDTYRTVSNDTLWEIAQRNRTDRVSVQAMLAHQELNPGAFVDGNINRLKSGQVLRIPTEQQMLERSP
!!

240
240

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA
REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA
REALSQVQAQNSWRGSRNPAAGSAGARQLDATQRNAAGSAPSKVDATDNLRLVSGEGKASKGADKGGKGDASKAIADTLA
!!

320
320

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

VTKESLDSTRRENEELQSRMQLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAQPNAALPDASQPNAAAQAPAPQGT
VTKESLDSTRRENEELQSRMQLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAQPNAALPDASQPNAAAQAPAPQGT
VTKESLDSTRRENEELQSRMQLQSQDKLQKLIQLKDAQLAKLQGGQGAEGQGAQPNAALPDASQPNAAAQAPAPQGT
!!

400
400

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

PAAAPTAPAGEEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL
PAAAPTAPAGEEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL
PAAAPTAPAGEEAPAAPAQPPVAPPAPAAERPPAPAVPAPAPVQAAEQPAPSFDELLEANPLWLAVIGGSALLALLVL
!!

480
480

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

LMILSRRNAQKEKEEAQFAADTGEEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF
LMILSRRNAQKEKEEAQFAADTGEEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF
LMILSRRNAQKEKEEAQFAADTGEEQEDALDLGKDGFDLTLDEPEPQVAAPVQVEKTTAQTSDALGEADIYIAYGRF
!!

560
560

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

NQAAELLQNAIYDEPQRTDLRLKLMEVYAEMGDREGFARQENELREI GGAQPQVEQLKSRYPAMVAVAAVAGLAGAKLAQ
NQAAELLQNAIYDEPQRTDLRLKLMEVYAEMGDREGFARQENELREI GGAQPQVEQLKSRYPAMVAVAAVAGLAGAKLAQ
!!

640
640

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

DELDSFSLDDL SLDDSGHAAKPDAAAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAASTAADKPVDDL
DELDSFSLDDL SLDDSGHAAKPDAAAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAASTAADKPVDDL
DELDSFSLDDL SLDDSGHAAKPDAAAGQDLDDAFDLSLDDLGGDDVQADLKSDSGALDDLTLDSDLDLAASTAADKPVDDL
!!

720
720

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

DFGLDFAELAE TPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAE EPALS LPDDFDLSL
DFGLDFAELAE TPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAE EPALS LPDDFDLSL
DFGLDFAELAE TPSQPKHDDL GDFSLDL DAPEDKLSDDDFLLSLNDEVPAAPADNEFTLDTEAAE EPALS LPDDFDLSL
!!

800
800

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA
ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA
ADEPTEPAAPEKGEDSFAAQLDEVSAQLDELASNLDEPKSATPSFSAEDA AVASALDGDADDDFDL SGADEAATKLDLA
!!

880
880

logo

NTDB id 309421 DZ894 RS10450 WP 023117692.1
NTDB id 1196 PAKAF RS09365 WP 016253171.1
consensus

RAYIDMGDSEGARDILDEVLAEGNDSQQA EARELLERLA
RAYIDMGDSEGARDILDEVLAEGNDSQQA EARELLERLA
RAYIDMGDSEGARDILDEVLAEGNDSQQA EARELLERLA
!!

919
919

⊠ non conserved
⊠ similar
⊠ ≥ 50% conserved