

logo

NTDB id 1144250 WHOZ RS02265 WP 003687782.1
NTDB id 1132 OK783 RS01905 WP 010951035.1
consensus

MSAPIRAFDPLTAPISGTNLEASAGTGKTYGIAALFTRLIVLEQKSVERVLVFTKAATAELKTRLRRLDDVLQVLE
MSAPIRAFDPLTAPISGTNLEASAGTGKTYGIAALFTRLIVLEQKSVERVLVFTKAATAELKTRLRRLDDVLQVLE
!!

80
80

logo

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consensus

SKEIAELGDDTLDGIAAYCAEHHEGDTFLPALLEQALQKESRTRLIVRLKAAIGQFDNAAIYTIHGFCQRILRDYAFLC
SKEIAELGDDTLDGIAAYCAEHHEGDTFLPALLEQALQKESRTRLIVRLKAAIGQFDNAAIYTIHGFCQRILRDYAFLC
SKEIAELGDDTLDGIAAYCAEHHEGDTFLPALLEQALQKESRTRLIVRLKAAIGQFDNAAIYTIHGFCQRILRDYAFLC
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160
160

logo

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consensus

QAPFDVELTEEDGDRLLVPAQDFWRERVSQDPVLAALAFKRKAVPQTVLAQIRAYLSRPYLNFRPPQADLKQAQRDAETS
QAPFDVELTEEDGDRLLVPAQDFWRERVSQDPVLAALAFKRKAVPQTVLAQIRAYLSRPYLNFRPPQADLKQAQRDAETS
QAPFDVELTEEDGDRLLVPAQDFWRERVSQDPVLAALAFKRKAVPQTVLAQIRAYLSRPYLNFRPPQADLKQAQRDAETS
!!

240
240

logo

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consensus

WQTVCRLLPELEAGFWRHPDLNGNSYRKNSFGNLFKELAQKSAAGQLPCLDKDHTHERLLKLSSDKLEAGLKKGKTPDAA
WQTVCRLLPELEAGFWRHPDLNGNSYRKNSFGNLFKELAQKSAAGQLPCLDKDHTHERLLKLSSDKLEAGLKKGKTPDAA
WQTVCRLLPELEAGFWRHPDLNGNSYRKNSFGNLFKELAQKSAAGQLPCLDKDHTHERLLKLSSDKLEAGLKKGKTPDAA
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320
320

logo

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VFAELQKLADFGDRDLNALEEAETTMIRLQLDLIEYLNSSLAEKKSRRRERGFDDLLLDVHTALTDNPHAETPARAVAEN
VFAELQKLADFGDRDLNALEEAETTMIRLQLDLIEYLNSSLAEKKSRRRERGFDDLLLDVHTALTDNPHAETPARAVAEN
VFAELQKLADFGDRDLNALEEAETTMIRLQLDLIEYLNSSLAEKKSRRRERGFDDLLLDVHTALTDNPHAETPARAVAEN
!!

400
400

logo

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consensus

WEIALIDFQDTPDPLQYEIFQKIFIARNRPLFLVGDPKQAIYSFRGADIYAYLQAAEDARHRYTLATNYRSHAALIGSIG
WEIALIDFQDTPDPLQYEIFQKIFIARNRPLFLVGDPKQAIYSFRGADIYAYLQAAEDARHRYTLATNYRSHAALIGSIG
WEIALIDFQDTPDPLQYEIFQKIFIARNRPLFLVGDPKQAIYSFRGADIYAYLQAAEDARHRYTLATNYRSHAALIGSIG
!!

480
480

logo

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consensus

ALFRLKERPFVLENIYSEVGAARAESRLSPKRPVQLRWLHENDNEKANKDVLRRRAADYCADEIARALNEASGGRLNF
ALFRLKERPFVLENIYSEVGAARAESRLSPKRPVQLRWLHENDNEKANKDVLRRRAADYCADEIARALNEASGGRLNF
ALFRLKERPFVLENIYSEVGAARAESRLSPKRPVQLRWLHENDNEKANKDVLRRRAADYCADEIARALNEASGGRLNF
!!

560
560

logo

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consensus

KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
KDRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
!!

640
640

logo

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consensus

QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
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720
720

logo

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consensus

LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
!!

800
800

logo

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consensus

LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
!!

880
880

logo

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consensus

RRVADNAPAGTDF_AFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS
RRVADNAPAGTDF_AFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS
RRVADNAPAGTDF_TFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSRHTQTPDGGEEDACPSLDAAETS
!!

960
960

logo

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consensus

VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
!!

1040
1040

logo

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consensus

GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII
!!

1120
1120

logo

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consensus



1200
1200

- non conserved
- similar
- ≥ 50% conserved