

logo

NTDB id 69257 EP180 RS02235 WP 071198096.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus



85  
85

logo

NTDB id 69257 EP180 RS02235 WP 071198096.1  
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consensus



170  
170

logo

NTDB id 69257 EP180 RS02235 WP 071198096.1  
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consensus



255  
255

logo

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consensus



340  
340

logo

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425  
425

logo

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510  
510

logo

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595  
595

logo

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LLSRESVFASPEAAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDAQQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFS  
LLSRESVFASPEAAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDAQQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFS  
LLSRESVFASPEAAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDAQQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFS  
!!

680  
680

logo

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QTHGIETRLLSRNNGRSLTNYFQLELLAAEDAQNRNPAALHKWLRDQISLAGNNGDNRAIRLESDEDLVKIVTMHASKGLQYP  
QTHGIETRLLSRNNGRSLTNYFQLELLAAEDAQNRNPAALHKWLRDQISLAGNNGDNRAIRLESDEDLVKIVTMHASKGLQYP  
QTHGIETRLLSRNNGRSLTNYFQLELLAAEDAQNRNPAALHKWLRDQISLAGNNGDNRAIRLESDEDLVKIVTMHASKGLQYP  
!!

765  
765

logo

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LVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQLSESEKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL  
LVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQLSESEKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL  
LVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQLSESEKQYADEEMAERLRLLYVALTRAEEQLNIYAAYSSDTADNPLAYL  
!!

850  
850

logo

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IEGLPQDSRETVRRTYACEKDGITMLKRNWRRVADNAPAGTDF<sup>A</sup>FTEDAPPPAAYRGNADQAAEFAANSIPERGFRFVRHTSFTA  
IEGLPQDSRETVRRTYACEKDGITMLKRNWRRVADNAPAGTDF<sup>A</sup>FTEDAPPPAAYRGNADQAAEFAANSIPERGFRFVRHTSFTA  
IEGLPQDSRETVRRTYACEKDGITMLKRNWRRVADNAPAGTDF<sup>T</sup>FTEDAPPPAAYRGNADQAAEFAANSIPERGFRFVRHTSFTA  
!!

935  
935

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LSR<sup>H</sup>TQTPDGG EEDACPSLDAAETSV PAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFE  
LSR<sup>H</sup>TQTPDGG EEDACPSLDAAETSV PAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFE  
LSR<sup>H</sup>TQTPDGG EEDACPSLDAAETSV PAMPSETPTASDGISIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFE  
!!

1020  
1020

logo

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EIWLPAVAEMAEACRKTPLTGAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGF  
EIWLPAVAEMAEACRKTPLTGAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGF  
EIWLPAVAEMAEACRKTPLTGAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDWLRDDIRLPEVCRAAAETLDFHTVNGFLNGF  
!!

1105  
1105

logo

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consensus

IDMVCQDPDGNICIIDYKSNHLSAYTRQAMDEAVAHQHYYLQALYAVAAARYFKLRGQPPAAVSVRYLFLRGLDGKGGGVWRWD  
IDMVCQDPDGNICIIDYKSNHLSAYTRQAMDEAVAHQHYYLQALYAVAAARYFKLRGQPPAAVSVRYLFLRGLDGKGGGVWRWD  
IDMVCQDPDGNICIIDYKSNHLSAYTRQAMDEAVAHQHYYLQALYAVAAARYFKLRGQPPAAVSVRYLFLRGLDGKGGGVWRWD  
!!

1190  
1190

logo

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consensus



1200  
1200

- X non conserved
- X similar
- X  $\geq 50\%$  conserved