

logo

NTDB id 222588 A6J46 RS10660 WP 010359882.1  
NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

MSAP|RAFDPLTAPI|SGTNL|EASAGTGKTYG|AALFTRL|IVLEQKSVERVLV|VFTKAATAELKTRLR|ARLDDVLQVLE  
MSAP|RAFDPLTAPIS|GNTLIEASAGTGKTYG|AALFTRL|IVLEQKSVERVLV|VFTKAATAELKTRLR|ARLDDVLQVLE  
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80  
80

logo

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NTDB id 1132 OK783 RS01905 WP 010951035.1  
consensus

SKE|AELGDDT|LSDG|AAYCAEH|HEGDTFL|PALLEQALQKES|RTRLIVRLKAA|GQFDNAAI|YTIHGFCQR|ILRDYAF|LC  
SKE|AELGDDT|LSDG|AAYCAEH|HEGDTFL|PALLEQALQKES|RTRLIVRLKAA|GQFDNAAI|YTIHGFCQR|ILRDYAF|LC  
SKE|AELGDDT|LSDG|AAYCAEH|HEGDTFL|PALLEQALQKES|RTRLIVRLKAA|GQFDNAAI|YTIHGFCQR|ILRDYAF|LC  
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160  
160

logo

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QAPFDV|ELTEEDG|DRLLVPAQD|FWRERVS|GDPVLAAL|AFKRKAVPQ|TVLAQIRAYL|SRPYLNFR|RPQADLKQA|QRDAETS  
QAPFDV|ELTEEDG|DRLLVPAQD|FWRERVS|GDPVLAAL|AFKRKAVPQ|TVLAQIRAYL|SRPYLNFR|RPQADLKQA|QRDAETS  
QAPFDV|ELTEEDG|DRLLVPAQD|FWRERVS|GDPVLAAL|AFKRKAVPQ|TVLAQIRAYL|SRPYLNFR|RPQADLKQA|QRDAETS  
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240  
240

logo

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WQTVCR|LLPELEAG|FWR|HPDLN|GNSYRKNS|FGNLFKEL|AQKSAAG|QLPCLDKD|THERLLKL|SSDKLEAG|LKKGKTP|DAA  
WQTVCR|LLPELEAG|FWR|HPDLN|GNSYRKNS|FGNLFKEL|AQKSAAG|QLPCLDKD|THERLLKL|SSDKLEAG|LKKGKTP|DAA  
WQTVCR|LLPELEAG|FWR|HPDLN|GNSYRKNS|FGNLFKEL|AQKSAAG|QLPCLDKD|THERLLKL|SSDKLEAG|LKKGKTP|DAA  
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320  
320

logo

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VFAELQK|LADFRDL|NAL|EEAEE|TMI|RLQLDL|IEYLN|SSLAEM|KKSRRR|ERGFDDL|LLDVHTAL|TDNPHA|ETPARA|VAEN  
VFAELQK|LADFRDL|NAL|EEAEE|TMI|RLQLDL|IEYLN|SSLAEM|KKSRRR|ERGFDDL|LLDVHTAL|TDNPHA|ETPARA|VAEN  
VFAELQK|LADFRDL|NAL|EEAEE|TMI|RLQLDL|IEYLN|SSLAEM|KKSRRR|ERGFDDL|LLDVHTAL|TDNPHA|ETPARA|VAEN  
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400  
400

logo

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WE|IAL|ID|EFQD|TDPLQYE|IFQK|IFIARN|RPLFLV|GDPKQAIY|SFRGAD|IYAYLQAA|EDARHRY|TLATNYR|SHAAL|IGSIG  
WE|IAL|ID|EFQD|TDPLQYE|IFQK|IFIARN|RPLFLV|GDPKQAIY|SFRGAD|IYAYLQAA|EDARHRY|TLATNYR|SHAAL|IGSIG  
WE|IAL|ID|EFQD|TDPLQYE|IFQK|IFIARN|RPLFLV|GDPKQAIY|SFRGAD|IYAYLQAA|EDARHRY|TLATNYR|SHAAL|IGSIG  
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480  
480

logo

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ALFRLK|ERP|FVLENI|GYSEV|GAARA|ESRLSPK|RPVQLR|WLHEND|NEKANKD|VLRRAADY|CADEIARAL|NEASG|GRLNF  
ALFRLK|ERP|FVLENI|GYSEV|GAARA|ESRLSPK|RPVQLR|WLHEND|NEKANKD|VLRRAADY|CADEIARAL|NEASG|GRLNF  
ALFRLK|ERP|FVLENI|GYSEV|GAARA|ESRLSPK|RPVQLR|WLHEND|NEKANKD|VLRRAADY|CADEIARAL|NEASG|GRLNF  
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560  
560

logo

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consensus

KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
KDRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA  
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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  
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800  
800

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consensus

LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW  
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW  
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW  
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880  
880

logo

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consensus

RRVADNAPAGTDF<sub>A</sub>FTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR<sub>Q</sub>TQTPDGGEEDACPSLDAAETS  
RRVADNAPAGTDF<sub>A</sub>FTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR<sub>Q</sub>TQTPDGGEEDACPSLDAAETS  
RRVADNAPAGTDF<sub>T</sub>FTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR<sub>H</sub>TQTPDGGEEDACPSLDAAETS  
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960  
960

logo

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VPAMPSETPTASDGI<sub>S</sub>IHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT  
VPAMPSETPTASDGI<sub>S</sub>IHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT  
VPAMPSETPTASDGI<sub>S</sub>IHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT  
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1040  
1040

logo

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consensus

GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW<sub>L</sub>ARDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII  
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW<sub>L</sub>ARDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII  
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW<sub>L</sub>ARDDIRLPEVCRAAAETLDFHTVNGFLNGFIDMVCQDPDGNICII  
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1120  
1120

logo

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consensus



1200  
1200

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