

logo

NTDB id 328425 EGH16 RS02245 WP 124743181.1
NTDB id 1132 OK783 RS01905 WP 010951035.1
consensus

MSAP|RAFDPLTAPI|SGTNL|EASAGTGKTYG|AALFTRL|IVLEQKSVERVLV|VFTKAATAELKTRLR|ARLDDVLQVLE
MSAPIRAFDPLTAPISGTNLEASAGTGKTYG|AALFTRLIVLEQKSVERVLV|VFTKAATAELKTRLR|ARLDDVLQVLE
!!

80
80

logo

NTDB id 328425 EGH16 RS02245 WP 124743181.1
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consensus

SKE|AELGDDT|LSDG|AAYCAEHHEGDT|FLPALLEQALQKESRTR|LIVRLKAAIGQFDNAAIY|TIHGFCQRILR|DYAF|LC
SKEIAELGDDT|LSDG|AAYCAEHHEGDT|FLPALLEQALQKESRTR|LIVRLKAAIGQFDNAAIY|TIHGFCQRILR|DYAF|LC
SKEIAELGDDT|LSDG|AAYCAEHHEGDT|FLPALLEQALQKESRTR|LIVRLKAAIGQFDNAAIY|TIHGFCQRILR|DYAF|LC
!!

160
160

logo

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consensus

QAPFDV|ELTEEDG|DRLLVPAQDF|WRERVS|GDPVLAALAFK|RKAVPQTVL|AQIRAYLSR|PYNFRFPQADL|KQAQRDAETS
QAPFDV|ELTEEDG|DRLLVPAQDF|WRERVS|GDPVLAALAFK|RKAVPQTVL|AQIRAYLSR|PYNFRFPQADL|KQAQRDAETS
QAPFDV|ELTEEDG|DRLLVPAQDF|WRERVS|GDPVLAALAFK|RKAVPQTVL|AQIRAYLSR|PYNFRFPQADL|KQAQRDAETS
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240
240

logo

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consensus

WQTVCR|LLPELEAGF|WR|HPDL|NGNSYR|KNSFGNL|FKELAQK|SAAGQLP|ELDKD|THERLLKL|SSDKLEAGL|KKGKTPDAA
WQTVCR|LLPELEAGF|WR|HPDL|NGNSYR|KNSFGNL|FKELAQK|SAAGQLP|ELDKD|THERLLKL|SSDKLEAGL|KKGKTPDAA
WQTVCR|LLPELEAGF|WR|HPDL|NGNSYR|KNSFGNL|FKELAQK|SAAGQLP|ELDKD|THERLLKL|SSDKLEAGL|KKGKTPDAA
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320
320

logo

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VFAELQK|LADFG|RD|LNAL|EEAEE|T|MI|RLQ|LDL|EYLN|SSLAEM|KKSRRR|ERGF|D|LL|DVHT|AL|TDN|PHAET|PARA|VAEN
VFAELQK|LADFG|RD|LNAL|EEAEE|T|MI|RLQ|LDL|EYLN|SSLAEM|KKSRRR|ERGF|D|LL|DVHT|AL|TDN|PHAET|PARA|VAEN
VFAELQK|LADFG|RD|LNAL|EEAEE|T|MI|RLQ|LDL|EYLN|SSLAEM|KKSRRR|ERGF|D|LL|DVHT|AL|TDN|PHAET|PARA|VAEN
!!

400
400

logo

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WE|I|A|L|I|D|E|F|Q|D|T|D|P|L|Q|Y|E|I|F|Q|K|I|F|I|A|R|N|R|P|L|F|L|V|G|D|P|K|Q|A|I|Y|S|F|R|G|A|D|I|Y|A|Y|L|Q|A|A|E|D|A|R|H|R|Y|T|L|A|T|N|Y|R|S|H|A|A|L|I|G|S|I|G
WE|I|A|L|I|D|E|F|Q|D|T|D|P|L|Q|Y|E|I|F|Q|K|I|F|I|A|R|N|R|P|L|F|L|V|G|D|P|K|Q|A|I|Y|S|F|R|G|A|D|I|Y|A|Y|L|Q|A|A|E|D|A|R|H|R|Y|T|L|A|T|N|Y|R|S|H|A|A|L|I|G|S|I|G
WE|I|A|L|I|D|E|F|Q|D|T|D|P|L|Q|Y|E|I|F|Q|K|I|F|I|A|R|N|R|P|L|F|L|V|G|D|P|K|Q|A|I|Y|S|F|R|G|A|D|I|Y|A|Y|L|Q|A|A|E|D|A|R|H|R|Y|T|L|A|T|N|Y|R|S|H|A|A|L|I|G|S|I|G
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480
480

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ALFRLK|ERP|FVLE|NI|GYSEV|GAARA|ESRL|SPKRP|AVQLR|WLH|ENDNEK|ANKD|VLR|RRRA|ADY|CADE|IARAL|NEASG|GRLNF
ALFRLK|ERP|FVLE|NI|GYSEV|GAARA|ESRL|SPKRP|AVQLR|WLH|ENDNEK|ANKD|VLR|RRRA|ADY|CADE|IARAL|NEASG|GRLNF
ALFRLK|ERP|FVLE|NI|GYSEV|GAARA|ESRL|SPKRP|AVQLR|WLH|ENDNEK|ANKD|VLR|RRRA|ADY|CADE|IARAL|NEASG|GRLNF
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560
560

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consensus

KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
KGRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
KDRPLQSGDIAVLVRTHNEAVMISAALKKRQVQSVLLSRESVFASPEAAALSALIGFWLEPRRAGTLRFVLTSGIFGYDA
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640
640

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QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
QQLHDFNQNESEILHWAESARTALDIWQKYGIFAAMQQFSQTHGIETRLLSRNNGRSLTNYFQLLELLAAEDAQNRNPAA
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720
720

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LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
LHKWLRDQISLAGNNGGDNRAIRLESDDELVKIVTMHASKGLQYPLVYCPFAWDAQDTGPSDWQILHQQANRAELLAKAQ
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800
800

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LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
LSESEKQYADEEMAERLRLLYVALTRAEELNIYAAYSSDTADNPLAYLIEGLPQDSRETVRRTYACEKDGITMLKRNW
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880
880

logo

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RRVADNAPAGTDF_AFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR_QTQTPDGGEEDACPSLDAAETS
RRVADNAPAGTDF_AFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR_QTQTPDGGEEDACPSLDAAETS
RRVADNAPAGTDF_TFTEDAPPPAAYRGNADQAAEFAANSIPERGFVRHTSFTALSR_HTQTPDGGEEDACPSLDAAETS
!!

960
960

logo

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VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
VPAMPSETPTASDGI_SIHDFPKGTQAGLCLHEILEDFKFGQAAAEQETLIADKLKKGFFEEIWLPAVAEMAEACRKTPLT
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1040
1040

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consensus

GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW_LARDDIRLPEVCRAAAE_TDFHTVNGFLNGFIDMVCQDPDGNICII
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW_LARDDIRLPEVCRAAAE_TDFHTVNGFLNGFIDMVCQDPDGNICII
GAYGLSDIPPGCRRPEMGFTLHTEDFGLKRLRDW_LARDDIRLPEVCRAAAE_LDFHTVNGFLNGFIDMVCQDPDGNICII
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1120
1120

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consensus



1200
1200

- non conserved
- similar
- ≥ 50% conserved