

logo

NTDB id 158509 AN415 RS01945 WP 000768943.1  
NTDB id 1063 ABD1 RS15730 WP 000768961.1  
consensus



80  
80

logo

NTDB id 158509 AN415 RS01945 WP 000768943.1  
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consensus



160  
160

logo

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235  
230

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314  
298

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394  
378

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474  
458

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554  
538

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SYANVPLPIAGQ<sup>R</sup>ETRDAEGNITKYYYAVQSKI<sup>R</sup>NLFTDVS<sup>A</sup>VAADGSLTKISTSGTNLLKIPAAPE<sup>E</sup>TNPFDTVANTA  
SYANVPLPIAGQPETRDAEGNITKYYYAVQSKIRNLFTDVS<sup>A</sup>VAADGSLTKISTSGTNLLKIPAAPEETNPFDTVANTA  
SYAKVPLPIAGQ<sup>R</sup>ETRDAEGNITKYYYAVQSKIRNLFTDVS<sup>A</sup>VAADGSLTKISTSGTNLLKIPAAPEGTNPFDTVANTA  
!!

634  
618

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SYVLGKFD<sup>P</sup>STGQNI<sup>L</sup>KAFPI<sup>S</sup>LK<sup>L</sup>K<sup>L</sup>LN<sup>L</sup>YLG<sup>S</sup>TDI<sup>S</sup>ATTLPSSLVTSNEPYLSMGGSIHSLPVQLTYNGTLDDNGNLT  
SYVLGKFD<sup>P</sup>STGQNILKAFPI<sup>S</sup>LK<sup>L</sup>K<sup>L</sup>LN<sup>L</sup>YLG<sup>S</sup>TDINATTLPSSLVTSNEPYLSMGGSIHSLPVQLTYNGTLDDNGNLT  
SYVLGKFD<sup>P</sup>STGQNILKAFPI<sup>S</sup>LK<sup>L</sup>K<sup>L</sup>LN<sup>L</sup>YLG<sup>S</sup>TDI<sup>S</sup>ATTLPSSLVTSNEPYLSMGGSIHSLPVQLTYNGTLDDNGNLT  
!!

714  
698

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SAREQSILYGTMEGGLHIVDASSGIEQW<sup>F</sup>VPADILNDSVASKALVGGSDASAPAHGMDGAWVSDPAYNITTVGSGSSA  
SAREQSILYGTMEGGLHIVDASSGIEQW<sup>F</sup>VPADILNDSVASKALVGGSDASAPAHGMDGAWVSDPAYNITTVGSGSSA  
SAREQSILYGTMEGGLHIVDASSGIEQW<sup>F</sup>VPADILNDSVASKALVGGSDASAPAHGMDGAWVSDPAYNITTVGSGSSA  
!!

794  
778

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VSKVTAKQ<sup>M</sup>NIYGGMRMGSSYYGLDVLSP<sup>T</sup>SPKLLFRIGADQ<sup>R</sup>TDYSRMGQSSWSKPVLANIRYNGSIRRVLIVGGGYDQC  
VSKVTAKQ<sup>M</sup>NIYGGMRMGSSYYGLDVLSP<sup>T</sup>SPKLLFRIGADQ<sup>R</sup>TDYSRMGQSSWSKPVLANIRYNGSIRRVLIVGGGYDQC  
VSKVTAKQ<sup>M</sup>NIYGGMRMGSSYYGLDVLSP<sup>T</sup>SPKLLFRIGADQ<sup>R</sup>TDYSRMGQSSWSKPVLANIRYNGSIRRVLIVGGGYDQC  
!!

874  
858

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YEKPNITLTDACFTNGKAKGNAVYIIDAKTGQRLW<sup>T</sup>SDTGSNTDNANMKHSIVSRISTLDRDADGLVDHLYFGDLGGQI  
YEKPNITLTDACFTNGKAKGNAVYIIDAKTGQRLW<sup>T</sup>SDTGSNTDNANMKHSIVSRISTLDRDADGLVDHLYFGDLGGQI  
YEKPNITLTDACFTNGKAKGNAVYIIDAKTGQRLW<sup>T</sup>SDTGSNTDNANMKHSIVSRISTLDRDADGLVDHLYFGDLGGQI  
!!

954  
938

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FRVDLNNNQTKTNSTYSSFGVRVRLANLATNDSTYDGTNDYTGGNAPRFYEPPTVTIHDYGIHTFITVGIASGDRSTPL  
FRVDLNNNQTKTNSTYSSFGVRVRLANLATNDSTYDGTNDYTGGNAPRFYEPPTVTIHDYGIHTFITVGIASGDRSTPL  
FRVDLNNNQTKTNSTYSSFGVRVRLANLATNDSTYDGTNDYTGGNAPRFYEPPTVTIHDYGIHTFITVGIASGDRSTPL  
!!

1034  
1018

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DVYPLTGREGMTP<sup>A</sup>SALSGRPVNNVYGIIDRDFVKKNLMSLTDNQL<sup>E</sup>TKDITRTGLRKNPQILRTGETRVAQIFFPTTGV  
DVYPLTGREGMTP<sup>A</sup>SALSGRPVNNVYGIIDRDFVKKNLMSLTDNQL<sup>E</sup>TKDITRTGLRKNPQILRTGETRVAQIFFPTTGV  
DVYPLTGREGMTP<sup>T</sup>SALSGRPVNNVYGIIDRDFVKKNLMSLTDNQL<sup>E</sup>TKDITRTGLRKNPQILRTGETRVAQIFFPTTGV  
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1114  
1098

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1194  
1178

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1258

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1284  
1268

- X non conserved
- X similar
- X ≥ 50% conserved