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logo
NTDB id 1015 ACIAD RS12005 WP 004928865.1      MFKIILLGWIAGIAMMGRTLECIEPFTCITGILTFLIWAIYFYKKRKHQIGSGLRALVILISASFLFGIGAQYADSALEE   80
NTDB id 1083 HON27 RS04190 WP 168726476.1      MFKIILLGWIGGIALMGIDFPLIMQYEKVGEALLLLAFIFYLYKRPMFVDRPFLKAVFCLLCTTSLFMVGYHYAEKALIE   80
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 MFKIILLGWIGGIALMGIDFPLIMQYEKVGEALLLLAFIFYLYKRPMFVDRPFLKAVFCLLCTTSLFMVGYHYAEKALIE   80
NTDB id 1070 ABD1 RS13145 WP 000472713.1      MFKIILLGWIGGIALMGIDFPLIMQYEKVGEALLLLAFIFYLYKRPMFVDRPFLKAVFCLLCTTSLFMVGYHYAEKALIE   80
consensus                                      !!!!!!!!!!*!!!*!!*****!*********!**!****!*!!*********!*!***!*****!!**!**!!**!!*!

logo
NTDB id 1015 ACIAD RS12005 WP 004928865.1      RLYYKIMHSDTHEVIIYVHQMGESSDKGIKQVAEVLNIHPDVVNWVFYIDQSLLGA.EKSSSLELGQYYRITAKTKPIHS  159
NTDB id 1083 HON27 RS04190 WP 168726476.1      RLEQRETDTRNLDIIVYINRLSEEKDNKVQQTAQVLNLSKEPVNWLLYLKSNNQNLLKNNQNLELGHYYRISGKTRPAHS  160
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 RLEQRETDTRNLDIIVYINRLSEEKDNKVQQTAQVLNFSKEPVNWLLYLKSNNQNLLKNNQNLELGHYYRISGKTRPAHS  160
NTDB id 1070 ABD1 RS13145 WP 000472713.1      RLEQRETDTRNLDIIVYINRLSEEKDNKVQQTAQVLNLSKEPVNWLLYLKSNNQNLLKNNQNLELGHYYRISGKTRPAHS  160
consensus                                      !!************!*!*****!**!****!*!*!!!*****!!!**!**************!!!!*!!!!**!!*!*!!

logo
NTDB id 1015 ACIAD RS12005 WP 004928865.1      YALEGAFDVEKWFVQQNWQATAQVYRIQTLSKQEVMSAGFYLHVKQQQTWRAQFLQSVEKLRLKFRNYFIDSSLSHHALL  239
NTDB id 1083 HON27 RS04190 WP 168726476.1      YATPGSFDQEKWFIQRNIMSGFNVRYIEPLSLDEIYRLGYQQHLKEQQSFSSSFRLNIEKLRLTFRQILNSSSLQQKGLI  240
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 YATPGAFDQEKWFIQRNIMSGFNVRYIEPLSLDEIYRLGYQQHLKEQQSFSNSFRLNIEKLRLTFRQILNSSSLQQKGLI  240
NTDB id 1070 ABD1 RS13145 WP 000472713.1      YATPGAFDQEKWFIQRNIMSGFNVRYIEPLSLDEIYRLGYQQHLKEQQSFSNSFRLNIEKLRLTFRQILNSSSLQQKGLI  240
consensus                                      !!**!*!!*!!!!*!*!******!**!**!!**!****!***!*!*!!*****!****!!!!*!!*****!!!****!*

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NTDB id 1015 ACIAD RS12005 WP 004928865.1      LALLTGDRSLLNPELEQQFQRFGISHLLAISGPHVLIFAAMVSWIFTRLIHRFKPEIYLSIPRQKLVLLPFLMCVILYCA  319
NTDB id 1083 HON27 RS04190 WP 168726476.1      LALLTGDESLLSDETQLQFKQLGISHLLAISGPHVFIFAIMLSWACHQFISRYYPKIYLWKPKQILMAVPCCLGVLIYTA  320
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 LALLTGDESLLSDETQLQFKQLGISHLLAISGPHVLIFAIMLSWACHQFISRYYPQIYLWKPKQVLMAVPCCLGVLIYTA  320
NTDB id 1070 ABD1 RS13145 WP 000472713.1      LALLTGDESLLSDETQLQFKQLGISHLLAISGPHVLIFAIMLSWAYHQFISRYYPQIYLWKPKQVLIAVPCCLGVLIYTA  320
consensus                                      !!!!!!!*!!!**!***!!***!!!!!!!!!!!!!!*!!!*!*!!*****!*!**!*!!!**!*!*!***!****!**!*!

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NTDB id 1015 ACIAD RS12005 WP 004928865.1      FVGFEIPALRTLFTVMLGSILLLIRHHLSAFSLLVLSASLLLWMDPFSILSAAFWLSYGACFILIRIYQDMTQAQQFHQT  399
NTDB id 1083 HON27 RS04190 WP 168726476.1      FVGFEIPALRTLLSTLIFIGFLLLKQPIKPFTLLVYSASLLLLMDPFSVLSAGFWLSYGACFILIRIYQTIAQLPEQHFL  400
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 FVGFEIPALRTLLSAFIFIGFLLLKQPIKPFTLLVYSASLLLLIDPFSVLSAGFWLSYGACFILLRIYQTIAQLPEQQFL  400
NTDB id 1070 ABD1 RS13145 WP 000472713.1      FVGFEIPALRTFLSVLIFIGFLLLKQPIKPFTLLVYSASLLLLMDPFSVLSAGFWLSYGACFILLRIYQTIAQLPEQHFL  400
consensus                                      !!!!!!!!!!!**********!!*******!*!!!*!!!!!!**!!!!*!!!*!!!!!!!!!!!*!!!!***!*******

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NTDB id 1015 ACIAD RS12005 WP 004928865.1      RFTRGM.QILKALVRSQWKIFVALMPLTLIIFKQISWIAPLSNLIAIPILGGIIVPLDIMAGCLWLFIPSLGNLLFYLNN  478
NTDB id 1083 HON27 RS04190 WP 168726476.1      SLSSKMIFMSKVLIESQGKIFIALSPLTLLFFQRISWVAPLTNIIAVPIVGSVIVPLNIIAACAWFVVKPFGNMLFHFND  480
NTDB id 244219 Aba10042 RS03800 WP 000472705.1 SLSSKMIFMGKVLIESQGKIFIALSPLTLLFFQQISWVAPLTNIIAVPIVGGVIVPLNIMAACAWFIVKPFGNMLFHFND  480
NTDB id 1070 ABD1 RS13145 WP 000472713.1      SLSSKMIFMSKVLIESQGKIFIALSPLTLLFFQQISWVAPLTNIIAVPIVGSVIVPLNIMAACAWFVIKPFGNMLFHFND  480
consensus                                      *****!****!*!**!!*!!!*!!*!!!!**!**!!!*!!!!*!*!!*!!*!  *!!!!*!*!*!*!******!!*!!**!*
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NTDB id 1015 ACIAD RS12005 WP 004928865.1        SLLELFIGILKGLDHLFNPQLQYYAFTPLLLICLTLAIVILFLPKGVVPKFWSVLCFVPLLIPSKMIRPTQISILDVGQG   558
NTDB id 1083 HON27 RS04190 WP 168726476.1        MLLSILLSCLGLLEKL.SLPLQGISLTPLSLLAISCAIIILFLPKGILPKTWGILCCLPLVMMNKTSQQIQLNILDVGQG   559
NTDB id 244219 Aba10042 RS03800 WP 000472705.1   MLLSILLSCLGLLEKL.SLPLQGISLTPLSLLAISFAIIILFLPKGILPKTWGILCCLPLVIMNKTSQQIQLNILDVGQG   559
NTDB id 1070 ABD1 RS13145 WP 000472713.1         MLLSILLSCLGLLEKL.SLTLQGISLTPLSLLAISCAIIILFLPKGILPKTWGILCCLPLVIMNKTSQQIQLNILDVGQG   559
consensus                                        *!!******!**!**!  ***!!****!!!*!*****!!*!!!!!!!**!!*!**!!**!!****!*****!**!!!!!!!

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NTDB id 1015 ACIAD RS12005 WP 004928865.1        QSIFIQDQTQRILLDTGGYYDESKFSIGKQVVVPFLKSQGVHQLDRVILTHLDQDHSGGLPAVLQLIPTRMIQANEE.IK   637
NTDB id 1083 HON27 RS04190 WP 168726476.1        QAIFLQHPQQNWLIDTGGSYDEKIFSIGQNVVVPFLRQQGVRQLDHVVLSHLDQDHSGAFPIIQQEIPVKQLISNEQLPN   639
NTDB id 244219 Aba10042 RS03800 WP 000472705.1   QAIFLQHSEQNWLIDTGGSYDEKIFSIGQNVVVPFLRQQGVRQLDHVVLSHLDQDHSGAFPLIQQEIPVKQLISNEQLPN   639
NTDB id 1070 ABD1 RS13145 WP 000472713.1         QAIFLQHPEQNWLIDTGGSYDEKIFSIGQNVVVPFLRQQGVRQLDHVVLSHLDQDHSGAFPLIQQEIPVKQLISNEQLPN   639
consensus                                        !*!!*!***!**!*!!!!*!!!**!!!!**!!!!!!**!!!*!!!*!*!*!!!!!!!!!**!***!*!!******!!****

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NTDB id 1015 ACIAD RS12005 WP 004928865.1        DLSIPFSLCHSGQTWETSELKIQILSPKLENLQSTVFNRNEASCVMYLQLKQASDLKYFLMMGDAGWETEYQLLQQYPDL   717
NTDB id 1083 HON27 RS04190 WP 168726476.1        DLKQPFQYCHQGQQWHYSELDIQILWPKEKDLAFVASNQNQYSCVVYLQFKKVGGYQNFLIMGDAGWEAEYELLKDYPNL   719
NTDB id 244219 Aba10042 RS03800 WP 000472705.1   DLKQPFQYCHQGQQWHYPELDIQILWPKEKDLAFVASNQNQYSCVVYLQFKKVGGYQNFLIMGDAGWEAEYELLKDYPNL   719
NTDB id 1070 ABD1 RS13145 WP 000472713.1         DLKQPFQYCHQGQQWHYPELDIQILWPKEKDLAFVTSNQNQYSCVVYLQFKKVGGYQNFLIMGDAGWEAEYELLKDYPNL   719
consensus                                        !!**!!**!!*!!*!***!!*!!!!*!!***!*****!*!**!!!*!!!*!*******!!*!!!!!!!*!!*!!**!!*!

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NTDB id 1015 ACIAD RS12005 WP 004928865.1        KVDVLILGHHGSQHSSSYDFLKRYHPKIAIASAGFENGYGHPSAEVSNRLQDLNIPLLSTTDKGAIHFKFDSGNEQTEFY   797
NTDB id 1083 HON27 RS04190 WP 168726476.1        KIDVLVLGHHGSKHSSAYDFLATLKPKLAIASAGFDNRYGHPSQQVIARLKALHIPLKSTLEQGTLSFVLENHKLVLHDR   799
NTDB id 244219 Aba10042 RS03800 WP 000472705.1   KIDVLVLGHHGSKHSSAYDFLATLKPKLAIASAGFDNRYGHPSQQVIARLKALHIPLKSTVEQGTLSFVLENHKIVLHDR   799
NTDB id 1070 ABD1 RS13145 WP 000472713.1         KIDVLVLGHHGSKHSSAYDFLATLKPKLAIASAGFDNRYGHPSQQVIARLKALHIPLKSTVEQGTLSFVLENHKIVLHDR   799
consensus                                        !*!!!*!!!!!!*!!!*!!!!****!!*!!!!!!!*!*!!!!!**!**!!**!*!!!*!!***!***!************

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NTDB id 1015 ACIAD RS12005 WP 004928865.1        RQSYKWLQR..   806
NTDB id 1083 HON27 RS04190 WP 168726476.1        RLDRLWLSRGF   810
NTDB id 244219 Aba10042 RS03800 WP 000472705.1   RLDRLWLSRGF   810
NTDB id 1070 ABD1 RS13145 WP 000472713.1         RLDRLWLSRGF   810
consensus                                        !****!!*!**
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X non conserved
X similar
X ≥ 50% conserved