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logo
NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  MKKSKVMLFGAMALTAGLALAACGSSQSSNAEKTYSYVFTSNPDTLDYITSTRGSTSSIITNLIDGLLENDQYGNLIPSM   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1      MKKSKWLALAGVALLSVGALAACSS.KSSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSV   79
NTDB id 324 STU RS16140 WP 011226306.1         MKKSKWLALAGVALLGVGVLAACSS.KSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSV   79
NTDB id 292 STER RS06940 WP 011681419.1        MKKSKWLALAGVALLGVGVLAACSS.KSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSV   79
consensus                                      !!!!!*******!!**** !!!!*! *! ****!!*!!**!*!**!!!!!!**!*!****!!**!!!*!*!*!!!!*!!*

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NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  AESWTVSKDGLTYTYKIRQGAKWYTSEGEEYADVTAHDFVTGLKYAADKKAENLYLVQDSIKGLAEYVEGETSDFETVGV  160
NTDB id 475 HSISS4 RS07005 WP 021143809.1      AEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGV  159
NTDB id 324 STU RS16140 WP 011226306.1         AEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGV  159
NTDB id 292 STER RS06940 WP 011681419.1        AEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGV  159
consensus                                      !!*!*!!*!!!!!!!!!!*!*!!!!!*!!!!! !!!*!!!!!!!*!!!*!!***!!!!!!!*!!**!**!***!!**!!!

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NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  KAVDDYTLQYTLNKPESYWNSKTTGGILSPVNEAFLKSKGDDFGSV.TPSSILSNGPYLFKSFSSKSLIEFDKNPNYWDK  239
NTDB id 475 HSISS4 RS07005 WP 021143809.1      KAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDK  239
NTDB id 324 STU RS16140 WP 011226306.1         KAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDK  239
NTDB id 292 STER RS06940 WP 011681419.1        KAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDK  239
consensus                                      !!*!*!!!!!!!!* !!*!!!!!!!* *! !!!!*!!!*!!*!!!****!*!!!*!!!*!*!!***!!*!!**!!**!!!!

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NTDB id 475 HSISS4 RS07005 WP 021143809.1      KNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKK  319
NTDB id 324 STU RS16140 WP 011226306.1         KNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKK  319
NTDB id 292 STER RS06940 WP 011681419.1        KNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKK  319
consensus                                      *!!*****! !**!!!!!**!*!!!**!*! **!**!!!!******!***!*!*!!*****!*****!**!!!!!***!*

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NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  SDKEKTDSLAAMQNKDFRQAVNFAFDRHAYAAQTNGEDGADRILRNTLIPSDFVQIGGKNFGDVVNEKIINYGTEWSNIN  399
NTDB id 475 HSISS4 RS07005 WP 021143809.1      TDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVN  399
NTDB id 324 STU RS16140 WP 011226306.1         TDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVN  399
NTDB id 292 STER RS06940 WP 011681419.1        TDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVN  399
consensus                                      *!*!!*****!**!!!!!!**!!!*!!*!!**!*!!*!!!****!!***!!!!!**!*!*!!!*!*!!***!!*!!!**!

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NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  LNDAQPAFLNAEKAKAAFAKAKETLQAEGVTFPIHLDMPVDQTAKLDVQQASSFKQTVEETLGADNVVIDVIQLSPDEKD  479
NTDB id 475 HSISS4 RS07005 WP 021143809.1      FTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQ  479
NTDB id 324 STU RS16140 WP 011226306.1         FADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLE  479
NTDB id 292 STER RS06940 WP 011681419.1        LADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLE  479
consensus                                      *!*!****!!!!!!**!!!!!* !!!*!!*!!!!!!*!!*!**!**!*!**!*!!!*!**!!**!!!!!**!!!*!***
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logo
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NTDB id 475 HSISS4 RS07005 WP 021143809.1      NATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDL   559
NTDB id 324 STU RS16140 WP 011226306.1         NVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDL   559
NTDB id 292 STER RS06940 WP 011681419.1        NATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDL   559
consensus                                      **!**!**!***!*!!*****!**!!*!!*!!!!*****!**************!******!!**!**!! *!*!!****

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NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  QARYEKFAEVQAWLTDSALFLPVQSG.GANPIFRKTVPFTGAFSFVGHKGD.ADNYKYVELQKEPVTAKQYQELYDKWLK   636
NTDB id 475 HSISS4 RS07005 WP 021143809.1      NARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLK   638
NTDB id 324 STU RS16140 WP 011226306.1         NVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLK   639
NTDB id 292 STER RS06940 WP 011681419.1        NVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLK   639
consensus                                      * !!***!**!!!!*!!*!**!***!*!!*!******!!!!!***!!*!****!**!!!**!***!!*!*!*****!!!!

logo
NTDB id 1170095 ACLV65 RS01525 WP 411864347.1  EKAESNKKAQEDLANHIQ   654
NTDB id 475 HSISS4 RS07005 WP 021143809.1      EKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1         EKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1        EKKESNEKAQKDLEKHVK   657
consensus                                      !!**!!*!!!*!!**!**
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X non conserved
X similar
X ≥ 50% conserved