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logo
NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   MKNGKWLAAAGIAVLSVSALTACGNGSSKDSKSKTYSYVYTTDPDTLDYLVSGRSTTSEITQNGVDGLMEYDNEGNLVPS   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1       MKKSKWLALAGVALLSVGALAACSSKSS..TSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPS   78
NTDB id 324 STU RS16140 WP 011226306.1          MKKSKWLALAGVALLGVGVLAACSSKSN..TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPS   78
NTDB id 292 STER RS06940 WP 011681419.1        MKKSKWLALAGVALLGVGVLAACSSKSN..TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPS   78
consensus                                       !!**!!!!*!!*!*! !* !*!!***!   ****!!*!!!**!!**!!!**!****!****!!!!!!!!*!**!!!!!!

logo
NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   VAKSWTVSKDGLTYTYKIRKDSKWYTADGEEYAKVTAEDFVTGMKHAADSNSDALYLVQDSIKGLSDYIDGKTKDFSTVG   160
NTDB id 475 HSISS4 RS07005 WP 021143809.1       VAEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVG   158
NTDB id 324 STU RS16140 WP 011226306.1          VAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVG   158
NTDB id 292 STER RS06940 WP 011681419.1        VAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVG   158
consensus                                       !!**!*!!*!!!!!!!!!!!**!!!!**!!!!!*!!!*!!!!!*!!!!!******!!!!!!!*!!!!!**!**!!!!*!!

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NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   VKAVDKNTVQYTLKQPESFWNSKLTYGILSPVNADFLKSQGKDFGKASDASSILYNGPFLISALTSKSSIEFTKNENYWD   240
NTDB id 475 HSISS4 RS07005 WP 021143809.1       VKAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWD   238
NTDB id 324 STU RS16140 WP 011226306.1          VKAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWD   238
NTDB id 292 STER RS06940 WP 011681419.1        VKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWD   238
consensus                                       !!!!*!**!*!!!!!*!!**!!!!*!! *! !!!*!!!!**!!!!!!**!**!!!!!!!!!***!!*!!!!!! !!!*!!!

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NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   KEDVHLDAVQLTYYDGQDQESLFRNFDKGAYSAARLFPTTPSYKTAKKKYGENITYAPQKSNIYYATFNLNRTAYDHTKK   320
NTDB id 475 HSISS4 RS07005 WP 021143809.1       KKNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAK   318
NTDB id 324 STU RS16140 WP 011226306.1          KKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAK   318
NTDB id 292 STER RS06940 WP 011681419.1        KKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAK   318
consensus                                       !**!!*!!** *!!!!*!!**!*!*!**!!! *!!**!!***!****!!!**!!*!************!**!**!****!

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NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   TDDKQKEDTRKAVLNKDFRQALTFGFNRKSYTAQSAGEEAASKSLRNLLIPPAFVQIKGEDFGKTVEKDLATYGDQWKDV   400
NTDB id 475 HSISS4 RS07005 WP 021143809.1       KTDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGV   398
NTDB id 324 STU RS16140 WP 011226306.1          KTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGV   398
NTDB id 292 STER RS06940 WP 011681419.1        KTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGV   398
consensus                                       **!**!**!*!!*!!!!!!!!***!***!**!**!**!***!****!!!**!**!!******!!**!******!!!*!**!

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NTDB id 1063654 ACG3JG RS00645 WP 013794304.1   SLADAQDGLYNKDKAKAQMDKAKEALEAEGVQFPIHIDMPQDQTATVNMQQAQSMKQSMEDSLGKENVVIDIIELNADTY   480
NTDB id 475 HSISS4 RS07005 WP 021143809.1       NFTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDI   478
NTDB id 324 STU RS16140 WP 011226306.1          NFADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDL   478
NTDB id 292 STER RS06940 WP 011681419.1        NLADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDL   478
consensus                                       * *!*!!!!!!**!!!****!!!**!*!*!!!!!!!*!*!**!****!**!*!!*!!**!*!!!**!!!!!***!**!**
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logo
NTDB id 1063654 ACG3JG RS00645 WP 013794304.1  NNVTYMAETPTQQDWDISTASGWSSDYLDPSSYLDIFNPSLANAQTKFIGLEPIKDNTIASEAGLDEFSKLANEASKITD   560
NTDB id 475 HSISS4 RS07005 WP 021143809.1      QNATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPN.NAAAAQVGLKDYDALLDSAASETT   557
NTDB id 324 STU RS16140 WP 011226306.1         ENVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPN.NAAAAQVGLKDYDALLNSAASETS   557
NTDB id 292 STER RS06940 WP 011681419.1        ENATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPN.NAAAAQVGLKDYDALLNSAASETS   557
consensus                                      *! !**!*****!!!!!****!**!!*!!!*!!!!!*********!*!***** !**!***!!*****!***!***!*

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NTDB id 1063654 ACG3JG RS00645 WP 013794304.1  DKDARYEKYAKAQAALADSAVYIPTY.SLGGTPAVTKVVPFSAAFGWAGN.KSDNTYFKYVQLQDKPVTAKQFNKAMKDW   638
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKW   636
NTDB id 324 STU RS16140 WP 011226306.1         DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW   637
NTDB id 292 STER RS06940 WP 011681419.1        DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW   637
consensus                                      !** !!**!!*!!!*!*!!***!!*****!**! *****!!**!****!***!***! !!!**!*!*!!*!********!

logo
NTDB id 1063654 ACG3JG RS00645 WP 013794304.1  KKSKEKSNKKYPESLEKHIEK   659
NTDB id 475 HSISS4 RS07005 WP 021143809.1      LKEKKASNEKAQKDLEKHVK.   656
NTDB id 324 STU RS16140 WP 011226306.1         LKEKKESNEKAQKDLEKHVK.   657
NTDB id 292 STER RS06940 WP 011681419.1        LKEKKESNEKAQKDLEKHVK.   657
consensus                                      *!*!**!!*!****!!!!**
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X non conserved
X similar
X ≥ 50% conserved