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logo
NTDB id 1063856 ACG3JI RS00225 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 1063856 ACG3JI RS00225 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                                      !!**!*!!*!!!!!!!!!!!**!!!!**!!!!!*!!!*!!!!!*!!!!!******!!!!!!!*!!!!!**!**!!!!*!!

logo
NTDB id 1063856 ACG3JI RS00225 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                                      !!!*!**!*!!!!!*!!**!!!!*!! *! !!!*!!!!**!!!!!!**!**!!!!!!!!!***!!*!!!!!! !!!*!!!

logo
NTDB id 1063856 ACG3JI RS00225 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                                      !**!!*!!** *!!!!*!!**!*!*!**!!! *!!**!!***!****!!!**!!*!************!**!**!****!

logo
NTDB id 1063856 ACG3JI RS00225 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                                      **!**!**!*!!*!!!!!!!!***!***!**!**!**!***!****!!!**!**!!******!!**!******!!!*!**!

logo
NTDB id 1063856 ACG3JI RS00225 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 1063856 ACG3JI RS00225 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                                      *! !**!*****!!!!!****!**!!*!!!*!!!!!*********!*!***** !**!***!!*****!***!***!*

logo
NTDB id 1063856 ACG3JI RS00225 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 1063856 ACG3JI RS00225 WP 013794304.1  KKSKEKSNKKYEESLEKHIEK   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