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logo
NTDB id 27523 SSA RS05260 WP 011836902.1    MKASKWLIATGVALSAGLLLTACSQ.SSSSTNNYTYVYSSDPDSLNYLATNRATTGDVISNLVDGLFENDKYGNLVPSIAKSWTV   84
NTDB id 475 HSISS4 RS07005 WP 021143809.1   MKKSKWLALAGVALLSVGALAACSSKSSTSGTTYGYVYNSDPESLDYITSNTGPTKTTAVTNGVDGLMEADKYGNLVPSVAEDWSV   85
NTDB id 324 STU RS16140 WP 011226306.1      MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWSV   85
NTDB id 292 STER RS06940 WP 011681419.1    MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWSV   85
consensus                                   !!*!!!!***!!!!*****!*!!!**! *!***!*!!!*!!!**!*!***!***!*****!*!!!!*!*!!!!!!!!!*!**!*!

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    SKDGLTYTYKLRDDAKWYTSDGEEYAEVKAQDFVTGLKYAADENSEAIYLVQDSVKGLDAYIKGEDKNFDNVGVKAIDDHTLQYT  169
NTDB id 475 HSISS4 RS07005 WP 021143809.1   SQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVKAIDDYTLQYT  170
NTDB id 324 STU RS16140 WP 011226306.1      SKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDEYTLQYT  170
NTDB id 292 STER RS06940 WP 011681419.1    SKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTLQYT  170
consensus                                   !*!!!!!!!!*!***!!!!!*!!!!!*!*!*!!!!!!!*!!!*****!!!!!!**!!**!**!**!*!*!!!!!!!!**!!!!!

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    LARPEPYWNSKTTSTILFPVNEEFLKAEGSNFGS.VKPSSILYNGPYLLKSLTSKSVMEFVKNQNYYDKDNVTLDSIKLTYYDGN  253
NTDB id 475 HSISS4 RS07005 WP 021143809.1   LKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYYDGS  255
NTDB id 324 STU RS16140 WP 011226306.1      LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS  255
NTDB id 292 STER RS06940 WP 011681419.1    LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS  255
consensus                                   !**!!!!!!!!!!***!*!!!!*!!!**!**!!****!*!!!!!!!*!!!!!!*!!**!**!!**!*!*!!**!*!! *!!!!*

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    DQEALIRNFSDGVYSTARLYPNSSGFASVKKKYADNIVYSPQDSTSYYYNFNYNRQSYNHTSKTTDAQKSATNEAIMNKDFRQAI  338
NTDB id 475 HSISS4 RS07005 WP 021143809.1   DQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFRQSI  340
NTDB id 324 STU RS16140 WP 011226306.1      DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI  340
NTDB id 292 STER RS06940 WP 011681419.1    DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI  340
consensus                                   !!*!!*!*!*!!*! *!!**!*!!***!!*!!!*!!!*!************!**!!!!****!*!! *!**!**!**!!!!!!*!

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    NFAFDRTSYGAQGNGEDGATKVLRNTLVPPSFVQIGDKDFGTVVGEKLVNYGNQWQGIDLSDAQDPYYNPEKAKAKFAEAKQALQ  423
NTDB id 475 HSISS4 RS07005 WP 021143809.1   NFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKETLQ  425
NTDB id 324 STU RS16140 WP 011226306.1      NFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDALQ  425
NTDB id 292 STER RS06940 WP 011681419.1    NFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDALQ  425
consensus                                   !!!*!! *!**!*!!*!!!****!!**!!**!!**!!!*!!**!*!!***!!**!*!** *!*!!**!!*!!!!**!!*!!**!!

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    AKGVEFPIHLDMPVDQSSTIGVQWASSTKQSIESALGAENVVIDLQKMSTDDLNNITYFANSAAQKDYDMSTG.GWTGDYQDPST  507
NTDB id 475 HSISS4 RS07005 WP 021143809.1   ADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDPST  510
NTDB id 324 STU RS16140 WP 011226306.1      ADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDPST  510
NTDB id 292 STER RS06940 WP 011681419.1    ADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPST  510
consensus                                   !*!!*!!!!!!*!!*!!!***!****!*!!*!!**!!**!!!!!****!*!!**!*!**!**!!**!*!*!* **!**!!!!!!!
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logo
NTDB id 27523 SSA RS05260 WP 011836902.1    YLDTLNIKNGGSLQNFGFEPGQDNDKIKELGLDTYTKMLEEANAETNDVQLRYEKYAEAEAWLLDSGLIIPT.VSQGATPSVTKS   591
NTDB id 475 HSISS4 RS07005 WP 021143809.1   YLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
NTDB id 324 STU RS16140 WP 011226306.1      YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRL   595
NTDB id 292 STER RS06940 WP 011681419.1    YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
consensus                                   !!!************!*******!******!!**!***!**!**!!*!***!!**!!*!*!!!*!!*!*!!**!**!!*!*****

logo
NTDB id 27523 SSA RS05260 WP 011836902.1    VPFTKAYSPVGVKGSAY.NFKLTQLQKDVVTTKEYEAAKKKWKEEATAANKKAQEELADHVEK   653
NTDB id 475 HSISS4 RS07005 WP 021143809.1   TPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK.   656
NTDB id 324 STU RS16140 WP 011226306.1      TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
NTDB id 292 STER RS06940 WP 011681419.1    TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
consensus                                   *!!!*!***!!*!*!**** !****!**!!!*!!!!****!!**!** *!*!!!**!**!!*
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X non conserved

X similar

X ≥ 50% conserved