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logo

NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  MKK.RVFLAAGVAVLSAAVLAACSSGNANKEATKEATKQATKPVTYAYVFSLDPVTLDYTVSGNVSTKQITGNVIDGLLE   79
NTDB id 475 HSISS4 RS07005 WP 021143809.1      MKKSKWLALAGVALLSVGALAACSSKS............STSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLME   68
NTDB id 324 STU RS16140 WP 011226306.1         MKKSKWLALAGVALLGVGVLAACSSKS............NTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLME   68
NTDB id 292 STER RS06940 WP 011681419.1        MKKSKWLALAGVALLGVGVLAACSSKS............NTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLME   68
consensus                                      !!!******!!!!*! ***!!!!!!**            *!***!!*!!***!!**!!!**!****!!****!**!!!*!

logo

NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  NDQYGNLVPSVAEDWTVSKDGLTYTYKIRQGVKWYTNEGEEYGEVKAQDFVTGLKHAADKKSQALYLVQDSIKGLDDYVN  159
NTDB id 475 HSISS4 RS07005 WP 021143809.1      ADKYGNLVPSVAEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLS  148
NTDB id 324 STU RS16140 WP 011226306.1         ADKYGNLVPSVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLS  148
NTDB id 292 STER RS06940 WP 011681419.1        ADKYGNLVPSVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLS  148
consensus                                      *!*!!!!!!!!!!!!!*!!*!!!!!!!!!!*!*!!!!**!!!!**!*!*!!!!!!!!!!!!*!****!!!!!!!*!!*!!**

logo

NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  GKTTDFSTVGVKATDDYTVVYTLNHPESFWNSKTTMGVLAPVSGDFLASKGDDFGKATDVTSILYNGAYLLKGLTSKSSI  239
NTDB id 475 HSISS4 RS07005 WP 021143809.1      GANKDFSNVGVKAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSI  228
NTDB id 324 STU RS16140 WP 011226306.1         GTNKDFSNVGVKAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSI  228
NTDB id 292 STER RS06940 WP 011681419.1        GTNKDFSNVGVKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSI  228
consensus                                      !***!!!*!!!!!*!*!!**!!!**!!**!!!!!!* *!*!!**!!!**!!*!!!!*!!*!!!!!!!**!!!*!!*!!!!

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NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  EMTKNQNYWDKQNVFIDDIKLSFFDGQDADSLGRGFDEGHYPAAPLFKNSANYERLKEKYKDNIVYGQQRGGVFYMSTNI  319
NTDB id 475 HSISS4 RS07005 WP 021143809.1      ELTKNENYWDKKNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNI  308
NTDB id 324 STU RS16140 WP 011226306.1         ELVKNEHYWDKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINL  308
NTDB id 292 STER RS06940 WP 011681419.1        ELVKNEHYWDKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINI  308
consensus                                      !* !!**!!!!*!!**!*!! !**!!*!***!*!!!**!*!**!*****!*!!*****!!!!!!*!************!*

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NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  DRVSYNHTAKTSDVEKSSTKKALLNKDFRQALAFAADRKAAVSQVFGDEVAPRKLRTSFTPPTFVQVGDQSFGQVTKIEL  399
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DRQSYKFSAKKTDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKM  388
NTDB id 324 STU RS16140 WP 011226306.1         DRQSYKYTAKKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKM  388
NTDB id 292 STER RS06940 WP 011681419.1        DRQSYKYTAKKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKM  388
consensus                                      !!*!!***!!**!*!!*!!!!!!!!!!!!!!!***!!*!!*!**!!**!***!****!**!*!**!!**!!**!!*******

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NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  DKLDNVWKDVSLDDAQDSLHNVDKAKAKFESAKKTLQADGVQFPIHLDLPVSSTQTDFIHQAQSYKQSIEEALGSENVVV  479
NTDB id 475 HSISS4 RS07005 WP 021143809.1      SSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVI  468
NTDB id 324 STU RS16140 WP 011226306.1         SSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVI  468
NTDB id 292 STER RS06940 WP 011681419.1        SSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVI  468
consensus                                      ******!**!* *!*!!*!*!**!!!**!**!!* !!!!!!!!!!!!!!!!!!*********!*!!*!!*!!**!!!*!!!*
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logo
NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  DIQQVSDDELGNMTVLATSNNNVDWDINVNSGWSPDYADPSTYLDVFDPTSGPSLLGSLGVAPGTDNPAIKTVGLDKYKG   559
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYD.DPNNAAAAQVGLKDYDA   547
NTDB id 324 STU RS16140 WP 011226306.1         DINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYD.DPNNAAAAQVGLKDYDA   547
NTDB id 292 STER RS06940 WP 011681419.1        DINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYD.DPNNAAAAQVGLKDYDA   547
consensus                                      !**!*!*!***!*!**!******!!!!*****!*!!!*!!!!!!!*!**!!********!** ***!*!***!!!**!**

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NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  LIDDANSEKTDLQKRYSKYAKAQAWLTDSALVIPVHSDGAQ.MLVTKKVLGSGADGWIGDKTG.DNSYKYLKLQDKIVTS   637
NTDB id 475 HSISS4 RS07005 WP 021143809.1      LLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTK   626
NTDB id 324 STU RS16140 WP 011226306.1         LLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTK   627
NTDB id 292 STER RS06940 WP 011681419.1        LLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTK   627
consensus                                      !* *!*!!**!!**!!**!!*!!!!!*!!*!!!!*******************!!****!!!*******!!*!*!*!*!!*

logo
NTDB id 1170436 ACLV7W RS03575 WP 411865443.1  KEMDEFRKKFADEKGKSNADYQKNLDRHIQD   668
NTDB id 475 HSISS4 RS07005 WP 021143809.1      KEYEQSREKWLKEKKASNEKAQKDLEKHVK.   656
NTDB id 324 STU RS16140 WP 011226306.1         KEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
NTDB id 292 STER RS06940 WP 011681419.1        KEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
consensus                                      !!****!*!***!!**!!***!!*!**!**
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X non conserved
X similar
X ≥ 50% conserved