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logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  MKKSKWLTTLGVAALSVSILAACGNSSSKSSESKIYSYVYSSDPSTLDYISTSKATTNEITTNAVDGLLENDQYGNLIPSLAKDW   85
NTDB id 475 HSISS4 RS07005 WP 021143809.1   MKKSKWLALAGVALLSVGALAACSSKSST..SGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVAEDW   83
NTDB id 324 STU RS16140 WP 011226306.1      MKKSKWLALAGVALLGVGVLAACSSKSNT..SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDW   83
NTDB id 292 STER RS06940 WP 011681419.1    MKKSKWLALAGVALLGVGVLAACSSKSNT..SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDW   83
consensus                                   !!!!!!!***!!!*! !**!!!!***! *  ****!*!!!*!!!**!!!!******!****!!*!!!!*!*!*!!!!*!!*!*!!

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  KVSKDGLTYTYTLRDGIKWYTSDGEEYADVTAEDFVAGVKHAADVNSDALYIIQDSIKGLNDYLNGKTKDFSTVGVKALDKKTVQ  170
NTDB id 475 HSISS4 RS07005 WP 021143809.1   SVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVKAIDDYTLQ  168
NTDB id 324 STU RS16140 WP 011226306.1      SVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDEYTLQ  168
NTDB id 292 STER RS06940 WP 011681419.1    SVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTLQ  168
consensus                                   *!!*!!!!!!!**!*!*!!!!!*!!!!! !!!*!!!*!*!!!!!******!**!!!!*!!*!!!*!**!!!!*!!!!!*!**!*!

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  YTLNQPESFWNSKLTYSVLAPVNADFLKSKGKDFGKATDPSSILYNGPFLITALTSKSSIELVKNENYWNAKNVHLDGVQLIYYD  255
NTDB id 475 HSISS4 RS07005 WP 021143809.1   YTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYYD  253
NTDB id 324 STU RS16140 WP 011226306.1      YTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYD  253
NTDB id 292 STER RS06940 WP 011681419.1    YTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYD  253
consensus                                   !!!**!!**!!!!*!!**!*!!!*!!!!*!!!!!!!*!!!*!!!!!!!!!***!!*!!!!!!*!!!*!!**!!!!*!*** *!!!

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  GQDQESLFRNFDDGAYSAARLFPTTPSYKTVKKKYGDSITYGQQNATLYYAAFNLNRTSYNHTKKTSDSQKSDTQKAILNKDFRQ  340
NTDB id 475 HSISS4 RS07005 WP 021143809.1   GSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFRQ  338
NTDB id 324 STU RS16140 WP 011226306.1      GSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFRQ  338
NTDB id 292 STER RS06940 WP 011681419.1    GSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQ  338
consensus                                   !*!!**!*!*!*!!!! *!!**!!***!**!*!!!*!*!*!****!*******!**!*!!****!**!**!**!*!!*!!!!!!!

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  AMTFAFDRIAYQAQSAGEDAANKSLRSTLVPPTFVQIGNKNFGDVVEEHLVTYGSQWENVNLDDAQDGLYNPEKAKASFEKAKAA  425
NTDB id 475 HSISS4 RS07005 WP 021143809.1   SINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKET  423
NTDB id 324 STU RS16140 WP 011226306.1      AINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDA  423
NTDB id 292 STER RS06940 WP 011681419.1    AINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDA  423
consensus                                   ***!!*!!*!!!!*!**!*!*!****!***!!**!!**!*!*!!!*!*!****!!**!**!! *!*!!!!!!*!!!!**!*!!!**

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1  LQAEGVQFPIHLDYPMDQTATVLLQQARSMKQSIEKTLGTDNVVIDIIELQRDVYENISYLAETPAQNDWDISTASGWGPDYVDP  510
NTDB id 475 HSISS4 RS07005 WP 021143809.1   LQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDP  508
NTDB id 324 STU RS16140 WP 011226306.1      LQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDP  508
NTDB id 292 STER RS06940 WP 011681419.1    LQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDP  508
consensus                                   !!!*!!!!!!!!!!*!**!******!**!*!!*!!**!!**!!!!!***!**!***!****!***!**!!!!!****!*!!!*!!
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logo
NTDB id 49075 SESEC RS08840 WP 014623464.1   SSYLDIFNPALANSQTKSIGLEPGKDLAIASAAGLDEFTKLVTEAGKITDDLNARYTLYAKAQAALTDSAIYIPT.ISLGGTPRV   594
NTDB id 475 HSISS4 RS07005 WP 021143809.1    STYLDIFKTTSSENTKTFMGYDDPN.NAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVI   592
NTDB id 324 STU RS16140 WP 011226306.1       STYLDIFKTTSSENTKAFMGYDDPN.NAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAI   592
NTDB id 292 STER RS06940 WP 011681419.1      STYLDIFKTTSSENTKAFMGYDDPN.NAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVI   592
consensus                                    !*!!!!!***********!***** *!*!***!!*****!***!***!*!!! !!**!!*!!!*!*!!***!!*****!**!**

logo
NTDB id 49075 SESEC RS08840 WP 014623464.1   TKVVPFSGAFAWAGTKG..DTYYKYVKLQDKPVTAKQYDKALAEWKKEKKKSNEKYNNSLEKHIEK   658
NTDB id 475 HSISS4 RS07005 WP 021143809.1    SRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK.   656
NTDB id 324 STU RS16140 WP 011226306.1       SRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
NTDB id 292 STER RS06940 WP 011681419.1      SRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK.   657
consensus                                    ****!!*!!****!*!*****!*!!!!*!*!*!!*!*!******!*!!!!*!!!!****!!!!**
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X non conserved

X similar

X $\geq$ 50% conserved