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logo
NTDB id 1052163 ACE2AN RS01835 WP 375060620.1  MKSSKLFALAGVTLLAATTLAACSGSGSSTKGEKTFSYIYETDPDNLNYLTTAKAATANITSNVVDGLLENDRYGNFVPS   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 1052163 ACE2AN RS01835 WP 375060620.1  MAEDWSVSKDGLTYTYTIRKDGKWYTSEGEEYAAVKAQDFVTGLKYAADKKSDALYLVQESIKGLDAYVKGEIKDFSQVG  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 1052163 ACE2AN RS01835 WP 375060620.1  IKALDEQTVQYTLNKPESFWNSKTTMGVLAPVNEEFLNSKGDDFAKATDPSSLLYNGPYLLKSIVTKSSVEFAKNPNYWG  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 1052163 ACE2AN RS01835 WP 375060620.1  KDNVHVDKVKLSFWDGQDTSKPAENFKDGSLTAARLYPTSASFAELEKSMKDNIVYTQQDSITYLVGTNIDRQSYKYTSK  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 1052163 ACE2AN RS01835 WP 375060620.1  TSDEQKASTKKALLNKDFRQAINFAIDRTAYQSQINGKDGATLAYRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGV  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 1052163 ACE2AN RS01835 WP 375060620.1  NLADSQDGLYNPEKAKAEFAKAKSALQAEGVTFPIHLDMPVDQTATTKVQRVQSMKQSLEATLGADNVVIDIQQLQKDEV  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 1052163 ACE2AN RS01835 WP 375060620.1  NNITYFAENAAGEDWDLSDNVGWGPDFADPSTYLDIIKPSVGESTKTYLGFDSGEDNVAAKKVGLYDYEKLVTEAGDETT   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 1052163 ACE2AN RS01835 WP 375060620.1  DVAKRYDKYAAAQAWLTDSALIIPTTSRTG.RPILSKMVPFTIPFALSGNKGTSEPVLYKYLELQDKAVTVDEYQKAQEK   639
NTDB id 475 HSISS4 RS07005 WP 021143809.1      DLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS..SDYFKYVKPQEKVVTKKEYEQSREK   635
NTDB id 324 STU RS16140 WP 011226306.1         DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNS.SNDYIKYVKPQEKVVTKKEYEQSREK   636
NTDB id 292 STER RS06940 WP 011681419.1        DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNS.SNDYIKYVKPQEKVVTKKEYEQSREK   636
consensus                                      !***!!!*!!*!!!!!*!!*!*!!*!***!**!**!***!!!******!*!** *****!!***!*!*!!**!!****!!

logo
NTDB id 1052163 ACE2AN RS01835 WP 375060620.1  WMKEKEESNKKAQEDLAKHVK   660
NTDB id 475 HSISS4 RS07005 WP 021143809.1      WLKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1         WLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1        WLKEKKESNEKAQKDLEKHVK   657
consensus                                      !*!!!**!!*!!!*!!*!!!!
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X non conserved

X similar

X ≥ 50% conserved