```
logo
NTDB id 419421 GVU25 RS00715 WP 004970117.1   MLNSFSPQQINYILLWYLVQHSLSSFSKLVQHYGSVAAAVQPEHLLTWSDVRIHANHLQRAKEYLSPTGQLAFEQCLNQL   80
NTDB id 1043 HON27 RS16615 WP 168727007.1     MLTQLSSHQYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQLVQQV   80
NTDB id 1073 ABD1 RS00865 WP 015451369.1      MLTQLSSHHYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQLVQQV   80
NTDB id 1021 ACIAD RS00975 WP 004930462.1     MTTILSSHHYHTIKVWYVLQHSLSGFKKLIHYFGDCETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKMLAQL   80
consensus                                     !****!********!!**!!!! *!*!*****!****!*!!**!**!*****!!!!!*!**!*****!!**!!****!*

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NTDB id 419421 GVU25 RS00715 WP 004970117.1   QQQCDFILTLDDADYPNQLRPYSNKPPILFGQGNAQALLQAQIAIVGSRKASPHGRQVAYDFAYYLSEQGFFINSGLAQG   160
NTDB id 1043 HON27 RS16615 WP 168727007.1     RQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGLAYG   160
NTDB id 1073 ABD1 RS00865 WP 015451369.1      RQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGLAYG   160
NTDB id 1021 ACIAD RS00975 WP 004930462.1     QTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGLAHG   160
consensus                                      ***!!!*!*!!**!!*!!*!!***!!!*!! !**!*!*!*!!!*!!!!!*!!!!!!!!!!!*!*!!!*!!*!*!!!!*!

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NTDB id 419421 GVU25 RS00715 WP 004970117.1   IDEAAHQGASLVHQRTIAVMGTGLDSTYPSAHHSLRQKIVESGGAVITEFLPQTKPLQQHFPRRNRIVSGLSLGVIVAEAS   240
NTDB id 1043 HON27 RS16615 WP 168727007.1     IDEAAHQGASTHQRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVVEAT   240
NTDB id 1073 ABD1 RS00865 WP 015451369.1      IDEAAHQGASAHQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVVEAT   240
NTDB id 1021 ACIAD RS00975 WP 004930462.1     IDEAAHQGSLVHHRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLVVEAT   240
consensus                                     !!!!!!!!*  !*!*!!!*!!!!!**!! ****!* *!*** !!***!!!!*!*!!!*!!!!!!!!!!!!!!!!*!*!!*

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NTDB id 419421 GVU25 RS00715 WP 004970117.1   LNSGSLITAKLAAEQGKLIFAIPGHIYSEFHQGCHQLIREGAILVDHPEQVIEDLALPTQWQYQQNQIASSQNQTTAAST   320
NTDB id 1043 HON27 RS16615 WP 168727007.1     LKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT...........   309
NTDB id 1073 ABD1 RS00865 WP 015451369.1      LKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT...........   309
NTDB id 1021 ACIAD RS00975 WP 004930462.1     LKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEA.........   311
consensus                                     !*!!!!!!!**!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 419421 GVU25 RS00715 WP 004970117.1   KAKLSTPPTEAILQTTTTKTADTSTPHIPEHLLALYQQLDWVGQSIDHLAQQLNLDIATLTSALMELELMGFCLQQSGLY   400
NTDB id 1043 HON27 RS16615 WP 168727007.1     ..................EETNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLY   371
NTDB id 1073 ABD1 RS00865 WP 015451369.1      ..................EEANTNTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLY   371
NTDB id 1021 ACIAD RS00975 WP 004930462.1     ................NADDSGKTDDADLPDDLLPLYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRY   376
consensus                                     ****!*******!**!!!*!!!*!!**!*!  ****** *!!**!!!!!!*!*!*!!!!*!

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NTDB id 419421 GVU25 RS00715 WP 004970117.1   LRCRPLK   407
NTDB id 1043 HON27 RS16615 WP 168727007.1     LRCRS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1      LRCRS..   376
NTDB id 1021 ACIAD RS00975 WP 004930462.1     LRCRSPY   383
consensus                                     !!!!*
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X non conserved
X similar
X $\geq$ 50% conserved