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logo

NTDB id 54343 BN112 RS17985 WP 010927240.1  MQNIVPMTRPALELRPGQHLTLTPQLQQSIRLLQLSSLELEAELSQALAENPLLERDEDPAREEQADPEREASVE..........   75
NTDB id 1425 RS RS02020 WP 011000369.1      .......MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARI.GADGSVNALQSSSATPL   77
consensus                                   ******* ** ! !!* !!! !!!!!!!!!!!!!!**!!  !* !!! !!!!!!!* **       *  **!! **********

logo

NTDB id 54343 BN112 RS17985 WP 010927240.1  ...........ADEAPD...................TELRLDEMPGSGGVLPDDDSDLPQAARPDTLREHLLGQLALTRAAPRDA  130
NTDB id 1425 RS RS02020 WP 011000369.1      PTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDK  162
consensus                                   ***********!!*!* ********************  !!* *  *   *!!  ***    **! !!*!* !!!* *  !!!

logo

NTDB id 54343 BN112 RS17985 WP 010927240.1  ALCGLLIDELDENGYLDSPLEEILTWLPAEAQADLDELRAALALLQSFDPAGIGARDMAECLQLQLRQPDPARLPEAADAEVLAC  215
NTDB id 1425 RS RS02020 WP 011000369.1      GLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAKP.........L  238
consensus                                   *!*  !!* !!* !!!  *!*!!!  !!!!   *!!!! !!! *!!!!!!!!!!!!  !!!! !!!  *!**  !**********

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NTDB id 54343 BN112 RS17985 WP 010927240.1  ARRICAQHLPLLATGNVARVREAVQCDEAVVRAAHALILRLEPRPGRAWTVPAADYAIPDVIVRRTRQGWQAVLNSAVVPRLHVN  300
NTDB id 1425 RS RS02020 WP 011000369.1      ALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRIN  323
consensus                                   !  !* !!!*!!!     !** !* *!** **!!! !!  ! ! !!*!*  * !!* *!!!*!!*!  !! ! !!* !*!!!**!

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NTDB id 54343 BN112 RS17985 WP 010927240.1  AVYAQVLGGQR.QGGNAGLQAQLQQARWMIRNVEQRFDTILRVAQAIVAHQQAFFTQGPAAMRPLILKDIAGELDLHESTISRAT  384
NTDB id 1425 RS RS02020 WP 011000369.1      DMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVT  408
consensus                                    *!!!*!    !*  !  !  !!   !! !!!*!*!* !!!!!!!!! !!!! *!  !!!*!* !!!!!*!**!!  ! !!!!!!!! !

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NTDB id 54343 BN112 RS17985 WP 010927240.1  TQKYMLTPFGTLELKRFFGAGVSTDGGDATSATAVQAVIRQMVADEDRAKPLSDSQIMQRLADQGIVIARRTVAKYREALRIAPA  469
NTDB id 1425 RS RS02020 WP 011000369.1      TNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAV  493
consensus                                   !*!!! !! !! !!! !!! *!!!* ! ! ! !!* !*!*!*!* !!*  !!!!! !   !**!! !*!!!!!!!!!!!!*!**

logo

NTDB id 54343 BN112 RS17985 WP 010927240.1  TLRKAHAAGR   479
NTDB id 1425 RS RS02020 WP 011000369.1      NLRKSL....   499
consensus                                    !!! *****
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X non conserved
X similar
X $\geq$ 50% conserved