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logo

NTDB id 1140192 DQO07 RS02360 WP 023853393.1  MQNIVPMTRPALELRPGQHLTLTPQLQQSIRLLQLSSLELEAELSQALAENPLLERDEDPAREEQADPEREASVE.....   75
NTDB id 1425 RS RS02020 WP 011000369.1        .......MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARI.GADGSVNALQSS   72
consensus                                     ******* ** ! !!* !!! !!!!!!!!!!!!!!**!!  !* !!! !!!!!!* **       *  **!! *****

logo

NTDB id 1140192 DQO07 RS02360 WP 023853393.1  ................ADEAPD...................TELRLDEMPGSGGVLPDDDSDLPQAARPDTLREHLLGQL   120
NTDB id 1425 RS RS02020 WP 011000369.1        SATPLPTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQL   152
consensus                                     ****************!!*!* ********************  !!* *  *   *!!  ***    **! !!*!* !!

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NTDB id 1140192 DQO07 RS02360 WP 023853393.1  ALTRAAPRDAALCGLLIDELDENGYLDSPLEEILTWLPAEVQADLDELRAALALLQSFDPAGIGARDMAECLQLQLRQPD   200
NTDB id 1425 RS RS02020 WP 011000369.1        APLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD   232
consensus                                     !* *  !!! *!*  !!* !!* !!!  *!*!!!  !!!!*  *!!!! !!! *!!!!!!!!!!!  !!!! !!!  *!

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NTDB id 1140192 DQO07 RS02360 WP 023853393.1  PARLPEAADAEVLACARRICAQHLPLLATGNVARVREAVQCDEAVVRAAHALIPRLEPRPGRAWTVPAADYAIPDVIVRR   280
NTDB id 1425 RS RS02020 WP 011000369.1        SPAKP........LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRK   303
consensus                                     **  !**********!  !* !!!*!!!     !** !* *!** **!!! !!* ! ! !!*!*  * !!* *!!!*!!*

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NTDB id 1140192 DQO07 RS02360 WP 023853393.1  TRQGWQAVLNSAVVPRLHVNAVYAQVLGGQR.QGGNAGLQAQLQQARWMIRNVEQRFDTILRVAQAIVAHQQAFFTQGPA   359
NTDB id 1425 RS RS02020 WP 011000369.1        TAAGWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEI   383
consensus                                     !  !! ! !!* !*!!!**! *!!!*!   !*  ! ! !!  !! !!!*!*!* !!!!!!!!! !!!! *!  !!!*!*

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NTDB id 1140192 DQO07 RS02360 WP 023853393.1  AMRPLILKDIAGELDLHESTISRATTQKYMLTPFGTLELKRFFGAGVSTDGGDATSATAVQAVIRQMVADEDRAKPLSDS   439
NTDB id 1425 RS RS02020 WP 011000369.1        AMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDS   463
consensus                                     !!!!!*!**!!  ! !!!!!!!! !!*!!! !! !! !!! !!! *!!!* ! ! ! !!* !*!*!*!* !!*  !!!!!

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NTDB id 1140192 DQO07 RS02360 WP 023853393.1  QIMQRLADQGIVIARRTVAKYREALRIAPATLRKAHAAGR   479
NTDB id 1425 RS RS02020 WP 011000369.1        RIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL....   499
consensus                                      !   !**!! !*!!!!!!!!!!!!*!**  !!! *****
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X non conserved
X similar
X $\geq$ 50% conserved