```
logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  MQNIVPMTRPALELRPGQHLTLTPQLQQSIRLLQLSSLELEAELSQALAENPLLERDEDPAREEQADPEREASVE..........   75
NTDB id 1425 RS RS02020 WP 011000369.1      .......MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARI.GADGSVNALQSSSATPL   77
consensus                                   ******* ** ! !!* !!! !!!!!!!!!!!!!!**!!  !* !!! !!!!!!!* **       *  **!! **********

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  ...........ADEAPD....................TELRLDEMPGSGGVLPDDDSDLPQAARPDTLREHLLGQLALTRAAPRDA  130
NTDB id 1425 RS RS02020 WP 011000369.1      PTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDK  162
consensus                                   ***********!!*!* ********************  !!* *  *   *!!  ***    **! !!*!* !!!* *  !!!

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  ALCGLLIDELDENGYLDSPLEEILTWLPAEVQADLDELRAALALLQSFDPAGIGARDMAECLQLQLRQPDPARLPEAADAEVLAC  215
NTDB id 1425 RS RS02020 WP 011000369.1      GLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAKP.........L  238
consensus                                   *!*  !!* !!* !!!  *!*!!!  !!!!*  *!!!! !!! *!!!!!!!!!!!!  !!!! !!!  *!**  !**********

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  ARRICAQHLPLLATGNVARVREAVQCDEAVVRAAHALIPRLEPRPGRAWTVPAADYAIPDVIVRRTRQGWQAVLNSAVVPRLHVN  300
NTDB id 1425 RS RS02020 WP 011000369.1      ALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRIN  323
consensus                                   !  !* !!!*!!!     !** !* *!** **!!! !!* ! ! !!*!*  * !!* *!!!*!!*!  !! ! !!* !*!!!**!

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  AVYAQVLGGQR.QGGNAGLQAQLQQARWMIRNVEQRFDTILRVAQAIVAHQQAFFTQGPAAMRPLILKDIAGELDLHESTISRAT  384
NTDB id 1425 RS RS02020 WP 011000369.1      DMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVT  408
consensus                                    *!!!*!   !*  ! ! !!  !! !!!*!*!* !!!!!!!!! !!!! *!  !!!*!* !!!!!*!**!!  ! !!!!!!!! !

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  TQKYMLTPFGTLELKRFFGAGVSTDGGDATSATAVQAVIRQMVADEDRAKPLSDSQIMQRLADQGIVIARRTVAKYREALRIAPA  469
NTDB id 1425 RS RS02020 WP 011000369.1      TNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAV  493
consensus                                   !*!!! !! !! !!! !!! *!!!* ! ! ! !!* !*!*!*!* !!*  !!!!! !   !**!! !*!!!!!!!!!!!!*!**

logo

NTDB id 88114 LDO21 RS02345 WP 023853393.1  TLRKAHAAGR   479
NTDB id 1425 RS RS02020 WP 011000369.1      NLRKSL....   499
consensus                                    !!! *****
```

X non conserved
X similar
X $\geq$ 50% conserved