```
logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  MKHSLQLRQSQQLMLTPQLQQAIKLLQLSTLEINQEAARLLDENPFLEREDDTTNQTYSG.........NSSTDTPAPSSSAESA   76
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTESPPPA   85
consensus                                   !!*!!!!! !!*! !!!!!!! !*!!!!!!*!**!!    ! !!! !!!! *    *   **********!!* !! !* !***!

logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  PAEAES...................RDSDSSEWPEPSFSSSSSSSSSPDDEDDGYSEVAAEKPSMREHLLWELNMNPMDERDKKIVG   144
NTDB id 1425 RS RS02020 WP 011000369.1      ANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQ....SDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVI   166
consensus                                   *  !******************  ** !*!* * !   * *****!**! **  *    !* !!*!*  ! * ** *!!! *!

logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  LLIDALDENAYLSQPLEEIAELLPPELDITLDDLETALVQLQHLDAPGIGARNLSECLSLQLRAMPEDLPGRELALAIVGQHLDL   229
NTDB id 1425 RS RS02020 WP 011000369.1      FLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRL..DSPAKPLALTIVNQHLEL   249
consensus                                    !!* !!* *!!* *!*!!   !!*!!** !!*!  !!  !!* !**!!!!!   !!!*!!!  ***! !***!!! !! !!!*!

logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  LAARDFNKLKKALRCDDNALRTAQDLIVHLQPKPGSAFEHRAADYVVPDVLVERHGGIWRARLNPEAMPRLRINQVYANILQQR.   313
NTDB id 1425 RS RS02020 WP 011000369.1      LAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSR   334
consensus                                   !!!!!* *!!!!! *!!   !* !**!! *! ! !!*!! *  !!*!!!!!*! **** ! ! !!!* !!!!!!! *!!*!!    *

logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  NEKNAQEMAGQLQEARWFIKNLQQRFETILRVAQAIVERQRQFFEHGDIAMRPLVLREIAEQLELHESTISRVTTQKFMLTPRGI   398
NTDB id 1425 RS RS02020 WP 011000369.1      GESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGT   419
consensus                                    !   !   *   !!!!!! !!!*!!!!*!!!!! !!!!!!!* !! !!*!!!!!!!!!!!!* ! !!!!!!!!!!!*!*! !! !

logo
NTDB id 83161 L6418 RS01650 WP 237247744.1  YEFKYFFGSGLATEAGGACSSTAIRALIKQLVSEEDAKHPLTDSRMSEILAQQGILVARRTVAKYREGMNILPVNLRKSL   478
NTDB id 1425 RS RS02020 WP 011000369.1      FELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                   *! !!!!!!** !! !!!*!!!!!!!!!!!!!   !!*!*!!*!!!* !*!* !! *!!!!!!!!!!!** !**!!!!!!!
```

X non conserved

X similar

X ≥50% conserved