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logo

NTDB id 81430 PPGU16 RS01805 WP 180721445.1  MKASLQLRLSQHLALTPQLQQSIRLLQLSTLELQQEVSMAIAQNPLLETEDDWIASPLRVAADGTVISQTSQNTSPEEMS   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!  !*  !!!!! ! *!* ** !**!!!*!    !   *! *

logo

NTDB id 81430 PPGU16 RS01805 WP 180721445.1  SAPPSSSSSSSSSESQEGGEPQGVDEYNGMGSDGNSDANQWNLDDYGRSGNASDDDDLPPLQIHESTTTLRDHLTAQLRV  160
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAANGADHA.DTAEAS....YENGSDFDSDYGTERSDWSLDDFARKPQ.SDEDDRAPMQLREAEPTQREFLMEQLAP  154
consensus                                    !*!!      * *** !* **** *      !!  **   ! !!!**! ***!!*!! *!*!**!  *! !**!  !! *

logo

NTDB id 81430 PPGU16 RS01805 WP 180721445.1  TGASARDRALITFLIESLDDDGYLTATFDEILADLPEELEVDTDELNAALALLHSFDPAGVGARSASECLRLQLCRLEPS  240
NTDB id 1425 RS RS02020 WP 011000369.1       LKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD.S  233
consensus                                       !*!!**!* !!!!!!!!*!!!!** !!!!!!!! !!!!* !!!*!!! *!*!!!!!!*!!!!! !!! !!!*!!**!

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NTDB id 81430 PPGU16 RS01805 WP 180721445.1  PTRTLALDIVAHHLELLAARDFTRLRKYLKASDDDLREAHALIRSLEPFPGAAYGKAEADYVVPDIMVRKTAQGWQAELN  320
NTDB id 1425 RS RS02020 WP 011000369.1       PAKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLN  313
consensus                                    !  **!!! !! *!!!!!!!!!!*!!!*! !    ! *!* !! !!!!! !!!!*!*!*!!!!*!!!!**!!!!! !! ! !!

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NTDB id 81430 PPGU16 RS01805 WP 180721445.1  PEVVPKLRINHLYANILRNNRGDPGSGSLRQQLQEARWLIKNIQQRFETILRVAQAIVERQKNFFAHGEIAMRPLVLREI  400
NTDB id 1425 RS RS02020 WP 011000369.1       PDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREI  393
consensus                                    !*!*!*!!!!**!!*!!!  !!**! * ! ! !!!!!!!!!!!!!!!!*!!!!! !!!!!!!! !! !!!!!!!!!!!!!

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NTDB id 81430 PPGU16 RS01805 WP 180721445.1  ADTLGLHESTVSRVTTGKYMLTPFGTLEFKYFFGSHVSTDTGGAASSTAIRALIKQLIGAEDTKSPLSDSRIAELLAEQG  480
NTDB id 1425 RS RS02020 WP 011000369.1       ADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQG  473
consensus                                    !!!!!!!!!!!*!!!!!  !!!  !!  !!  ! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!*!  !!!!!!!!!!!*!!!

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NTDB id 81430 PPGU16 RS01805 WP 180721445.1  FVVARRTVAKYREALKIPAVNLRKSL   506
NTDB id 1425 RS RS02020 WP 011000369.1       FVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!
```

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