```
logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDAQQTQDTETLDSVDALEQKEMPEELPLD   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPTESPPP   84
consensus                                   !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *  !    ! ***  *      **! ! !**

logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  A...................SWDEIYTAGTPS.......GTRADYQDDELPVYQGETTQSLQDYLMWQVELTPFSDTDRAIATSIV   145
NTDB id 1425 RS RS02020 WP 011000369.1      AANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFLI   169
consensus                                   !****************** *!  !    * *******  *    !!  !*   !  **  **!! !* * * !* !***   **

logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  DAVDDTGYLTVTLDEILESIG.DDEIELEEIEAVLKRVQRFDPIGVAAKDLRDCLLIQLSQFAKETPWIDEARLIISEHLDLLAN   229
NTDB id 1425 RS RS02020 WP 011000369.1      ESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKPLALTIVNQHLELLAA   252
consensus                                   * *!! !!!! *!!!!!  **** !*!!*!* ! !* *! !!! !**!*   *!! *!!     **!  * !  !*  !!*!!!

logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  HDFRTLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGRWVVELNADSIPRLQINQQYASMCTSARNDA   314
NTDB id 1425 RS RS02020 WP 011000369.1      RDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRGES   337
consensus                                   *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !*  !!*! *!!! !!  !! ** ! ! *

logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  DNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAVEMHESTISRVTTQKYLHSPRGIFEL   399
NTDB id 1425 RS RS02020 WP 011000369.1      GAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFEL   422
consensus                                       *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  * *!!!!!!!!!!*!!***! ! !!!

logo
NTDB id 94445 NGK32 RS19835 WP 022649530.1  KYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVARRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1      KYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL.   499
consensus                                   !!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!!!!!!!!!! ! !!* ! !! !*
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X non conserved

X similar

X ≥ 50% conserved