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logo

NTDB id 92889 KAN5 RS16490 WP 016710073.1  MRQSLQLRMGQQLTMTPQLQQAIRLLQLSTLDLQQEIQEALDSNPLLELEEHEYSDDTAGKNEQKQDNDDLTVSASADDKP....   81
NTDB id 1425 RS RS02020 WP 011000369.1     MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWL.DTSARIGADGSVN.ALQ.SSSATPLPTESP   82
consensus                                  !*!!!!!!* !*! *!!!!!! !!!!!!!!**!!!!*  !!  !!!!! ! *  *! *!        !* ! *! !! * !****

logo

NTDB id 92889 KAN5 RS16490 WP 016710073.1  .............SEYEQESSEALTKETLSDEMAMDVTW..DEYMSAAPNSSAGPMPEDESIYQGASTETLHEYLMWQLQLTPF  150
NTDB id 1425 RS RS02020 WP 011000369.1     PPAANGADHADTAEASYENGSDF......DSDYGTERSDWSLDDFARK.PQSDE...DDRAPMQLREAEPTQREFLMEQLAPLKL  157
consensus                                  **************  !!* !  ****** !!       !**!**   *!*!  *****  **      *! *!*!! !! * *

logo

NTDB id 92889 KAN5 RS16490 WP 016710073.1  SPTDEAIAIAIVEAIDDSGILTLSCEDIVESLNQGNNEEEIELDEVQAVLKRIQLFDPVGIAARSLQECLCIQLNQFDPATPWIN  235
NTDB id 1425 RS RS02020 WP 011000369.1     SPRDKGLVIFLIESLDDEGYLTGSLDEILADL...PAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPAKP..  237
consensus                                  !! ! ** ! **! *!! ! !! !***!*  !**** ! !*!!!!*!! !* *! !!! !!*!!!  !!!**!!*  !** ****

logo

NTDB id 92889 KAN5 RS16490 WP 016710073.1  ETKMILTDHIDLLASRDYRTLMKKTKLKEDELKEVMTLIHSLNPKPADTIVREESEYVIPDVSVKKIKGRWVVELNPDSMPKIRV  320
NTDB id 1425 RS RS02020 WP 011000369.1     LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRI  322
consensus                                      !*  !**!!! !!!  ! !   * * !!!  * !!*!! ! !**   ! ! **!*!!! !*!  * !*  !!!! !!**!*

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NTDB id 92889 KAN5 RS16490 WP 016710073.1  NSQYAAMSRSVKSSTDSQFIRSHLQEAKWFIKSLESRNDTLLKVTNCIVKQQQGFFEHGPEAMRPMVLNDVAEMVEMHESTISRV  405
NTDB id 1425 RS RS02020 WP 011000369.1     NDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRV  407
consensus                                  !  !! * !! *  *    *  *!!!!*! !! *  ! !!*!*!***!!  !  !! !!* !!!!*!! **!* * *!!!!!!!!

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NTDB id 92889 KAN5 RS16490 WP 016710073.1  TTQKYMHTPRGIFELKYFFSSHVSTENGGECSSTAIRALIKKLLSAENSAKPLSDSKIADILAEQGIKVARRTIAKYRESLAIPP  490
NTDB id 1425 RS RS02020 WP 011000369.1     TTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPA  492
consensus                                  !!*!!!*!! ! !!!!!!! !!!!!! !! *!!!!!!!!!! !* !! *  !!!!!*!!**!*!!!  !!!!!*!!!!! ! !!*

logo

NTDB id 92889 KAN5 RS16490 WP 016710073.1  SNQRKSLI   498
NTDB id 1425 RS RS02020 WP 011000369.1     VNLRKSL.   499
consensus                                   ! !!!!*
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X non conserved
X similar
X $\geq$50% conserved