```
logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  MKPGLSLRVSQHLSLTPQLQQSIQLLQLSTLELAQEVEQMLGDNPFLELANDDGDHEAASSAPEPAAPGADAADSFQESRADQPS   85
NTDB id 1425 RS RS02020 WP 011000369.1     MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGS.......VNALQSSSA.T..   75
consensus                                  !!* ! !!*!!!! !!!!!!!!! !!!!!!*!! !!!!! ! *!! !!  !*  !* !   !* ********    ! ! !* **

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  AAVEWEAPSDTSSGDAVETSGTAE.SLSWEGDGQTNSGNDDRDWGSDAPSSRTRGQGDDDETDATELARSAESLTDHLHRQALSL   169
NTDB id 1425 RS RS02020 WP 011000369.1     .PLPTESPPPAANGA..DHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQ..SDEDDRAPMQLREAEPTQREFLMEQLAPL   155
consensus                                  **** ! !**   ! ****  !!!*!     !  *  ! *  !!  ! *  ** ** !*!*  *  !    **  **!* !  *!

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  RLGEVDRAALRFLIENLNDDGYLEDPLDELAQGLAGDDLEECEELVHRFTVALRLLQSLEPVGVGARDLAECLTLQLRDQLADAE   254
NTDB id 1425 RS RS02020 WP 011000369.1     KLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAEL....EVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSPA.   235
consensus                                  *! * !** * !!!! ! !*!!!  *!!!*   !*** ****!  **    !!!*!!! *! !*!!!  !!!!!!!!     *!*

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  REGDGSAEDEDRQAVLRTALDICAQPMDLLARRDLRKLASLCGAREERLREAMVLIARLEPRPGRRFADVQRQIVVPDVIVRPVR   339
NTDB id 1425 RS RS02020 WP 011000369.1     ...............KPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTA   305
consensus                                  *************** * !! !* ! **!!! !!  *!   *   *  !* !* !!  ! ! !!* !*      !!!!!*!!*

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  MGAGRMEFSVQLNPDVMPKLRVHDIYASALRSHRGSEGHAALQQRLQEARWFIKNIQQRFDTILRVSQAIVERQKNFFVHGELAM   424
NTDB id 1425 RS RS02020 WP 011000369.1     A.....GWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAM   385
consensus                                   ***** *  !!!!!!!!*!!**!*!!  !!!*!!  !*! !!!*!!!!!! !!!!!!!!!!!!!!!!!!!!!!! !! !!!*!!

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  RPLVLRDIADALGLHESTISRVTTAKYMATPQGTYELKYFFGSGLGTEAGGNASSTAVRALIKQFVAAEDPRKPLSDNQLADMLK   509
NTDB id 1425 RS RS02020 WP 011000369.1     RPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLG   470
consensus                                  !!!!!!*!!! !!!!!!!!!!!!!! !!!!!! !!*!!!!!!!!** !! !! !!!!!*!!!!!! !*!!!!* !!!!  *!**!

logo
NTDB id 92698 HQS1 RS31470 WP 016454603.1  EQGIECARRTVAKYRELLKIPPTTLRKAL   538
NTDB id 1425 RS RS02020 WP 011000369.1     EQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                  !!!  *!!!!!!!!!! !!!!*  !!! !
```

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