```
logo
NTDB id 228513 CAP31 RS13265 WP 087447975.1  MKQGLQLKLSQHLTLTPQLQQSIRLLQLSTLELNQELELMVQENPLLERVDAIDDSSMRSPEYEPSVAGSTETTVDAPVE   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !!! !!!*!!!!! !!!!!!!!!!!!!!!!*!!*!!*!  * !!!!!!!      !*! ! *   *  !  * *  * ! !

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  TAPRE........LAELDWNESANYGS................GDDNDDDDFEPQTSSQDVISLRDHLAWQLNLTPLLER  136
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPR  160
consensus                                    **!* ******** !!  *     * !*************** *  !*!!  !       ** !**!  !! * *! *!

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  DKRLVLLLIDALNESGYLTQSLEDIAEMLPDELEVDMDELQIALKHLQNLEPTGVGARNLAECLALQLQTLPKCTPHLAL  216
NTDB id 1425 RS RS02020 WP 011000369.1       DKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP..AKPL  238
consensus                                    !! !!* !!* ! * !!!! !!**!   !! !!!!**!!!! !!**!!  *! !*!!!  !!!! !!!! !*  *** *!

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  AQRIVEHDLAALGAHDYAGLKRKLHCDDEALRAARELITHLNPRPGEAFGASDTRYIIPDVIVKKVKGLWVASLNPDAMP  296
NTDB id 1425 RS RS02020 WP 011000369.1       ALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVRKTAAGWMAQLNPDVMP  318
consensus                                    !  !! **!  !*!*!!  !!* !**!!  !*!!*!!! *! ! !!*!!!  *  ***!!!*!*!  * !*! !!!! !!

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  KLRINQLYADILSRNRDV.NHQQLAGQLQEAKWLIKNIMQRFDTILRVTQSIVDRQRHFFEHGEVAMRPLVLREIAEVVE  375
NTDB id 1425 RS RS02020 WP 011000369.1       RLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLG  398
consensus                                    *!!!! *!! !!   !  * * *!  !!!!*!!!!!! !!!!!!!!!*! !!*!!**!! !!!*!!!!!!!!!!!* *

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  LHESTVSRVTTQKFMMTPRGIFELKYFFGSHVNTDAGGACSATAIRALIKQLISAENTRKPLSDGQIAEVLGQQGIVVAR  455
NTDB id 1425 RS RS02020 WP 011000369.1       LHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVAR  478
consensus                                    !!!!!*!!!!!!*!*!  !!  !  !!!!!!!!!!!  !* !!!*!  !!!!!!!!!!* !!  **  !!!!   !!!*!!  !!  !!!!

logo

NTDB id 228513 CAP31 RS13265 WP 087447975.1  RTIAKYRESMQIPPANQRKAL   476
NTDB id 1425 RS RS02020 WP 011000369.1       RTVAKYREALKIPAVNLRKSL   499
consensus                                    !!*!!!!! * !!* ! !! !
```

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