```
logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  MKASLQLRLSQHLALTPQLQQSIRLLQLSTLELQQEVATAIAQNPLLENDDDWIASPLRVAADGSVIAQTPASSAPEPMA   80
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                      !! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!  !*  !!!!! * *!* ** !**!!!!! !  * !  ! !

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  GAPNGTAATNERTERDETAGVDEYDSYSADGGDASQWNLDDFGRSPAASDDDDLPPMQIHETSTSLRDHLMAQLRVTQAS  160
NTDB id 1425 RS RS02020 WP 011000369.1         SPPPAANGADHA.DTAEASYENGSDFDSDYGTERSDWSLDDFARKPQS.DEDDRAPMQLREAEPTQREFLMEQLAPLKLS  158
consensus                                       *!**  *  * **  !       !  !  ! * ! ! !!!!*! !  *!*!! *!!!**!  ** !**!! !! *   !

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  PRDRALVTFLIESLDDDGYLSASLEEVLADLPAELEVDVDELNAALALVHSFDPAGVGARSASECLKLQLLRLDPSPTRA  240
NTDB id 1425 RS RS02020 WP 011000369.1         PRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLD.SPAKP  237
consensus                                      !!!**!! !!!!!!!!*!!!**!!*!*!!!!!!!!!!**!!*!!! ***!!!!!!*!!!!! !!! !!! !!!*!! **

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  LALDIVSQHLELLAARDFTRLRKQLKATDDALRDAHALIRSLEPFPGAAYGKAEADYVVPDIIVKKAGQNWQAELNPEVV  320
NTDB id 1425 RS RS02020 WP 011000369.1         LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                      !!! !! !!!!!!!!!!*!!!*! !   !  !* !! !!!!! !!!!*!*!*!!!!*!!!!**!*! *  ! ! !!!*!*

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  PKLRINNLYANILRNSRGDPSAGSLKQQLQEARWLIKNIQQRFETILRVAQAIVERQKNFFAHGEIAMRPLVLREIADTL  400
NTDB id 1425 RS RS02020 WP 011000369.1         PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                      !*!!!! *!!*!!! !!!** !* ! ! !!!!!!!!!!!!!!!!*!!!!! !!!!!!!! !! !!!!!!!!!!!!!!!!!!

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  GLHESTVSRVTTGKYMLTPFGTLEFKYFFGSHVSTDTGGAASSTAIRALIKQLIGAEDPKSPLSDSRIAELLAEQGFVVA  480
NTDB id 1425 RS RS02020 WP 011000369.1         GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                      !!!!!!*!!!!! !!! !! !! ! !!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!!!!!!!*!!!!!!!

logo

NTDB id 27679 BMA10247 RS23080 WP 004195216.1  RRTVAKYREALKIPAVNLRKSL   502
NTDB id 1425 RS RS02020 WP 011000369.1         RRTVAKYREALKIPAVNLRKSL   499
consensus                                      !!!!!!!!!!!!!!!!!!!!!!
```

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