```
logo
NTDB id 321626 EA082 RS17665 WP 096345107.1  MPGAMTEVIDYQRPRILRIYNIYRVILGFFLTVLTSGALREGLLELNNPQLYETASWFYLFINVLIALLLHQGKRDVYLF   80
NTDB id 1472 PAKAF RS23995 WP 016253893.1    MRAERLRLSFEQGQRILRLYHLYRLTIGLVLVLLISSELEDQVLKLVHPELFHVGSWCYLVFNILVALFLPPSRQLLPIF   80
consensus                                    !**    * * ! *!!!!*!**!!* *!  ! *! !  ! * *! ! *! !** *!!*!!  !*!*!! ! * *  ***!

logo

NTDB id 321626 EA082 RS17665 WP 096345107.1  VLSVLDIFLLGSIFYAAGGAGSGFGNLLLIPVAAGNILIHGRVGLLLAALASLVTIYLTFYLSLSTPGAVQSYLQVGVLG  160
NTDB id 1472 PAKAF RS23995 WP 016253893.1    ILALTDVLMLCGLFYAGGGVPSGIGSLLVVAVAIANILLRGRIGLVIAAAASLGLLYLTFFLSLSSPDATNHYVQAGGLG  160
consensus                                    *! * !* *!* *!!!*!! *!! ! !!***!! *!!!**!!*!!**!! !!!  *!!!!*!!!!*! ! **!*! ! !!

logo

NTDB id 321626 EA082 RS17665 WP 096345107.1  GIYFAVALFVQRLSKRLRQSESLAQQQATSLASLEKLNQLIIQRMRTGIMVVGGKQRVLLANEAAAQMLGKPIIRGMDVD  240
NTDB id 1472 PAKAF RS23995 WP 016253893.1    TLCFAAALVIQALVRRQEQTETLAEERAETVANLEELNALILQRMRTGILVVDSRQAILLANQAALGLLRQDDVQGASLG  240
consensus                                     **!! !! *! ! *!  !*!*!!   ! **! !! !! !!*!!!!!!!*!!  *! *!!!! !!  *!  * * !  *

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NTDB id 321626 EA082 RS17665 WP 096345107.1  DLAIGLAQRLRQWQNNPAIRTLPFHNHSGGAEITANFKPLPSDEGETVLVFLDDNTQVAQQAQQLKLASLGRLTASIAHE  320
NTDB id 1472 PAKAF RS23995 WP 016253893.1    RHSPMLMHCMKQWRLNPSLRPPTLKVVPDGPTVQPSFISLNREDDQHVLIFLEDISQIAQQAQQMKLAGLGRLTAGIAHE  320
consensus                                     * * ! ****!!   !! *!*** * ** !* * * ! *!* **  *!!*!!*! *!*!!!!!!*!!! !!!!!! !!!!

logo

NTDB id 321626 EA082 RS17665 WP 096345107.1  IRNPLGAISHAAQLLSESEQIPVQDKRLSEIIQQHSKRMNKVIETVLELSRRRPSEPQLIDLSLWLEHFAETFALSHPAT  400
NTDB id 1472 PAKAF RS23995 WP 016253893.1    IRNPLGAISHAAQLLQESEELDAPDRRLTQIIQDQSKRMNLVIENVLQLSRRRQAEPQQLDLKEWLQRFVDEYPGRLRND  400
consensus                                    !!!!!!!!!!!!!!! !!! ** *!*!!* !!! *!!!!! !!! !! !!!!!* !!! *!!  !! *! * **  **

logo

NTDB id 321626 EA082 RS17665 WP 096345107.1  DRLELEAG.HNVMTRMDPNQLNQVLDNLCSNALRYSGAEGEHRSIWLKLYIHPESNLPILEVIDHGPGIPEEHLAHIFEP  479
NTDB id 1472 PAKAF RS23995 WP 016253893.1    SELHLQLGAGDIQTRMDPHQLNQVLSNLVQNGLRYSAQAHGRGQVWLSLARDPESDLPVLEIIDDGPGVPADKLNNLFEP  480
consensus                                     !*!  !** * !!!!!*!!!!!! !!* !*!!!!*  * *  *!! !  *!!! !!*!!*!!*!!!*! **! **!!!

logo

NTDB id 321626 EA082 RS17665 WP 096345107.1  FYTTETSGTGLGLYLSRELCESNQARLEYEPLVPRGSCMRITFAHPRRLV   529
NTDB id 1472 PAKAF RS23995 WP 016253893.1    FFTTESKGTGLGLYLSRELCESNQARIDYRNREEGGGCFRITFAHPRKLS   530
consensus                                    !*!!!* !!!!!!!*!!!!!!!!!!!**! *  * ! ! !!!!!!!!*!
```

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