```
logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  MNEAYMPTENSNAILYRIRVAIPVYVYDTFDYTVSAEQYAQAQIGARVAISFGRQNLVGIITEKVDPNEVFIGQFKLKAI   80
NTDB id 1072 ABD1 RS01805 WP 000156662.1       ....MTITPKPDSVVYRVRVAVPVHLYDTFDYTLTQAQYERAHVGSRVAISFGRQNLIGIITEKVDPSESFTGTFQLKAI   76
consensus                                      ****  *!* *  **!!*!!!*!!**!!!!!!!**  !!  !**! !!!!!!!!!!!*!!!!!!!!! ! ! ! ! !!!!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  TELLDQESILDQQVLTLLTWSAQYYQFPIGEVMQSALPTLLRQGRALDILFHLWKITPHNDPNALLKRSQKQYDAHQVLK  160
NTDB id 1072 ABD1 RS01805 WP 000156662.1       SDLLDEQPILDEQVLSLLTWSAQYYQFPIGEVMQTALPALLRQGKPMDVLFHLWKITPCDNVEALLKRSGKQQDAYQILK  156
consensus                                      **!!!  *!!! !!!*!!!!!!!!!!!!!!!!!*!!! !!!!!***!*!!!!!!! !   * !!!!!! !! !!*!*!!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  LHPHGATENILNLSGVETSTLKALEKKGLVECCLEPHDFTPTPVQLAQVPLTPNEDQKKAIQQILKAQHHYQAFLLDGLT  240
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LHPAGTTENILNLSGVETATLKALQKKGLVDCTLEPHDFSPSPVQLAQMPLTLNEDQKKATQYVVNAQHQYQAFLLDGLT  236
consensus                                      !!!*! !!!!!!!!!!!! !!!!! !!!!!*!*!!!!!!*!*!!!!!!*!!!*!!!!!!! ! ** !!!*!!!!!!!!!!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  GSGKTEVYLQVMHEVLKQGKQVLVLVPEIGLTPQTVARFKSRFHCDVALLHSGLNDSKRLQAWQHAQTGKASIIIGTRSA  320
NTDB id 1072 ABD1 RS01805 WP 000156662.1       GSGKTEVYLHIMHEVLKQGKQVLVLVPEIGLTPQTISRFKSRFNCDIALLHSGLNDSKRLQAWQQAQTGKASIILGTRSA  316
consensus                                      !!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!*!!*!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  IYTPIPHLGLIILDEEHDLSFKQQEGFRYHTRDVALYRGHLQNCPVILGSATPSIDSYHLVESGKLHLLELNQRAGIAVL  400
NTDB id 1072 ABD1 RS01805 WP 000156662.1       IYTPLPRLGLIILDEEHDLSYKQQEGFRYHARDVALYRGHLQGCPVLLGSATPSIDSYHLVETGKLTALQLNQRAGHALL  396
consensus                                      !!!!*!*!!!!!!!!!!!!!!*!!!!!!!!! !!!!!!!!!!! !!!*!!!!!!!!!!!!!!!!!*!!!* ! !!!!!!*!*!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  PKMYVVDLKIAKKKHGLSQTLIEQIKHTLERKEQVLIFLNRRGYAPILMCESCGWQANCPHCDAHFTLHSQPYHYLHCHH  480
NTDB id 1072 ABD1 RS01805 WP 000156662.1       PKMHLIDLKIVKKQHGISQPLIEQIKNTLARKEQVLIFLNRRGYAPVLVCESCGWQANCPHCDAHFTLHTQPYSYLHCHH  476
consensus                                      !!!***!!!!  !!  !!*!!*!!!!!!*!!  !!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!

logo
NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  CGTINRLPDHCPTCQKQSLKTIGAGTAKLEEHVQELFPHHEVIRVDRDSTSRVGSWQKIYDRIQQNKPSILLGTQMLAKG  560
NTDB id 1072 ABD1 RS01805 WP 000156662.1       CGTVHRLPDHCPECQQKSLKTLGAGTAKVEEHLQELFPDHDVIRVDRDSTSRVGSWQKIYDRIQQNKPSILLGTQMLAKG  556
consensus                                      !!!**!!!!!!! !!   !!!!*!!!!!!*!!!*!!!!!*!*!!!!!!!!!!!!!!!!!!!
```

```
logo

NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  HHFPHVTLVAILDIDAGLLSVDPRAPERTAQLIVQVAGRAGRGEHKGSVYLQSLRPDHPMLTTLIEHDYRTVAKQMLADR   640
NTDB id 1072 ABD1 RS01805 WP 000156662.1       HHFPHVTLVAILDIDAGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGHVYLQTLRPDHPLLTTLIEKDYRAVAKQTLAER   636
consensus                                      !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!!!*!!!!!!*!!!  !!!!  !!*!

logo

NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  KIALLPPYRYAVLVRVESKDRDYSQQFLADIAQQLRTMAGDLVDIWGPIPAPMERKAGRYRAHMVILSTDRAKLHFYLRQ   720
NTDB id 1072 ABD1 RS01805 WP 000156662.1       KVALLPPYRYAVLIRAESKDRDYTLHFLNEAAEQLRQIAGDIVDIWGPIPAPMERKAGRYRAHMVILSADRARLHFYLRQ   716
consensus                                      !*!!!!!!!!!!!*! !!!!!!!* *!! * ! !!! *!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!

logo

NTDB id 1006835 ABLB98 RS01820 WP 348882710.1  WWQQVVHLPRQHLLRLSIDVDPQEFS   746
NTDB id 1072 ABD1 RS01805 WP 000156662.1       WWAQLVHAPRQHQLRLSIDVDPQEFS   742
consensus                                      !! !*!! !!!! !!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved