```
logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  MPNSPVHPTPIYRVRVAVPVYLYDGFDYMLSAAEYQQAAVGARVLVSFGRQNLVGIIIEKLPPEHPLDPKIKLKAISELL   80
NTDB id 1072 ABD1 RS01805 WP 000156662.1     MTITPKPDSVVYRVRVAVPVHLYDTFDYTLTQAQYERAHVGSRVAISFGRQNLIGIITEKVDPSESFTGTFQLKAISDLL   80
consensus                                    !* *!  ****!!!!!!!!!*!!! !!! !* ! !  !*!! !! *!!!!!!!*!!! !!**! **  *   !!!!!*!!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  DQQPILDQKVLTLLTWSAQYYQFPIGEVMHSALPSLLRQGRPYNLLARMWKLLD.DQAEAKLKRSEKQQEAYKVLKLHPS  159
NTDB id 1072 ABD1 RS01805 WP 000156662.1     DEQPILDEQVLSLLTWSAQYYQFPIGEVMQTALPALLRQGKPMDVLFHLWKITPCDNVEALLKRSGKQQDAYQILKLHPA  160
consensus                                    ! !!!!!  !!*!!!!!!!!!!!!!!!!!!**!!! !!!!!*!  *! **!!* **!* !! !!!! !!!*!! *!!!!!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  GTSENILNLAGIETATLKALEKKQICYCDLEQQDFSPVPMTLAQMPLTPNSDQKQAIETVLKAQHRYQAFLLDGLTGSGK  239
NTDB id 1072 ABD1 RS01805 WP 000156662.1     GTTENILNLSGVETATLKALQKKGLVDCTLEPHDFSPSPVQLAQMPLTLNEDQKKATQYVVNAQHQYQAFLLDGLTGSGK  240
consensus                                    !!*!!!!!! !*!!!!!!!! !! ** ! !!**!!!! !* !!!!!!!*! !!! !   !* !!! !!!!!!!!!!!!!!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  TEVYLQIMQEVLKQGKQVLVLVPEIGLTPQTISRFQSRFHCHIALLHSGLNDSKRLQAWQAAQTGKASIILGTRSAIYTP  319
NTDB id 1072 ABD1 RS01805 WP 000156662.1     TEVYLHIMHEVLKQGKQVLVLVPEIGLTPQTISRFKSRFNCDIALLHSGLNDSKRLQAWQQAQTGKASIILGTRSAIYTP  320
consensus                                    !!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!*!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  LPNLGLIILDEEHDLSFKQQEGFRYHARDVALYRAHLENCPVILGSATPSIDSYALTEQGKMTRLELNQRAGPALMPKIH  399
NTDB id 1072 ABD1 RS01805 WP 000156662.1     LPRLGLIILDEEHDLSYKQQEGFRYHARDVALYRGHLQGCPVLLGSATPSIDSYHLVETGKLTALQLNQRAGHALLPKMH  400
consensus                                    !! !!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!*!!  !!!*!!!!!!!!!!!*! ! !!*! ! !!!!!! !!*!!*!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  IIDLKVAQKQLGLSLLLIQEIKKRLQKKEQVLIFLNRRGYAPVLVCDSCGWQAQCPHCDANFTLHHSPYTHLHCHHCGTI  479
NTDB id 1072 ABD1 RS01805 WP 000156662.1     LIDLKIVKKQHGISQPLIEQIKNTLARKEQVLIFLNRRGYAPVLVCESCGWQANCPHCDAHFTLHTQPYSYLHCHHCGTV  480
consensus                                    *!!!!*  !!*!*! *!!  !!  ! *!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!!!!*!!!!* !!**!!!!!!!!*

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  HRKPEQCPQCQHSELKTLGMGTAKVEENLQQLFPDYEVVRVDRDSTSRVGSWQKIYDRIQTSQPLILLGTQMLAKGHHFP  559
NTDB id 1072 ABD1 RS01805 WP 000156662.1     HRLPDHCPECQQKSLKTLGAGTAKVEEHLQELFPDHDVIRVDRDSTSRVGSWQKIYDRIQQNKPSILLGTQMLAKGHHFP  560
consensus                                    !! !**!! !!*  !!!!! !!!!!!!*!! !!!!**!*!!!!!!!!!!!!!!!!!!!!!!   ! !!!!!!!!!!!!!!!
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logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  YVTLVAILDIDAGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGDVYLQTLRPDHPLLSTLVEQDYRTFARQTLKERQAAL   639
NTDB id 1072 ABD1 RS01805 WP 000156662.1     HVTLVAILDIDAGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGHVYLQTLRPDHPLLTTLIEKDYRAVAKQTLAERKVAL   640
consensus                                    *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!*!!*! !!!   !*!!! !!   !!

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  LPPFRYTALIRCESKSQEQNQQFLQQHAQWLRENSEQLIDIWGPIPAPMERKAGRYQAHLVLLSQDRARLHFYLRAWWQN   719
NTDB id 1072 ABD1 RS01805 WP 000156662.1     LPPYRYAVLIRAESKDRDYTLHFLNEAAEQLRQIAGDIVDIWGPIPAPMERKAGRYRAHMVILSADRARLHFYLRQWWAQ   720
consensus                                    !!!*!!  !!!*!!!  *   *!!* *!  !!     **!!!!!!!!!!!!!!!!!! !!*!*!! !!!!!!!!!! !! *

logo
NTDB id 392201 GA636 RS01260 WP 160232115.1  MLHHK.PSNMKLSLDIDPQEFS   740
NTDB id 1072 ABD1 RS01805 WP 000156662.1     LVHAPRQHQLRLSIDVDPQEFS   742
consensus                                    **!********!!*!*!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved