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logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  MPDSTLAPQPVYRIRVAVPVYLYDCFDYMLSAVQYQQAEVGARVLVSFGRQNLVGIIVEKLALDTPIDPRFKLKAISELL   80
NTDB id 1072 ABD1 RS01805 WP 000156662.1       MTITPKPDSVVYRVRVAVPVHLYDTFDYTLTQAQYERAHVGSRVAISFGRQNLIGIITEKVDPSESFTGTFQLKAISDLL   80
consensus                                      !* ** ** *!!!*!!!!!!*!!!*!!! !*   !!   !*!! !! *!!!!!!!*!!! !!* *   *   * ! !!!!!*!!

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  DEQAILDPKVLTLLTWSAQYYQFPIGEVMQSALPSLLRQAKPYNLLARTWKLLDAH.AEAKITRSEKQQEAYKILKLHPS  159
NTDB id 1072 ABD1 RS01805 WP 000156662.1       DEQPILDEQVLSLLTWSAQYYQFPIGEVMQTALPALLRQGKPMDVLFHLWKITPCDNVEALLKRSGKQQDAYQILKLHPA  160
consensus                                      !!!*!!!* !!*!!!!!!!!!!!!!!!!!!*!!! !!!!*!!   *! * !!* **** !! * !! !!!*!! !!!!!!

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  GTSENILNMAGIETATLKALANKEICACVLEAQDFSPMPVTLAQMPLTPNPDQKKAIDSVLKVRQQYKAFLLDGLTGSGK  239
NTDB id 1072 ABD1 RS01805 WP 000156662.1       GTTENILNLSGVETATLKALQKKGLVDCTLEPHDFSPSPVQLAQMPLTLNEDQKKATQYVVNAQHQYQAFLLDGLTGSGK  240
consensus                                      !!*!!!!!* !*!!!!!!!!  ! ** ! !!**!!!! !! !!!!!!!*!*!!!!!   !*   *!! !!!!!!!!!!!!

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  TEVYLHIMHEVLKQGKQVLVLVPEIGLTPQTISRFQSRFHCNIALLHSGLNDSKRLQAWQAAQTGKASIILGTRSAIYTP  319
NTDB id 1072 ABD1 RS01805 WP 000156662.1       TEVYLHIMHEVLKQGKQVLVLVPEIGLTPQTISRFKSRFNCDIALLHSGLNDSKRLQAWQQAQTGKASIILGTRSAIYTP  320
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*! !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  LSNLGLIILDEEHDLSFKQQEGFRYHARDVALYRAHLENCPVILGSATPSIDSYALVDQGKMQCLELNQRAGTALMPKIH  399
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LPRLGLIILDEEHDLSYKQQEGFRYHARDVALYRGHLQGCPVLLGSATPSIDSYHLVETGKLTALQLNQRAGHALLPKMH  400
consensus                                      !* !!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!! !!!*!!!!!!!!!!!!*!!* !!* *! !!!!!!*!!*!!*!

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  LIDLKIAKKQYGISQQLIDEIKKRLAKKEQVLVFLNRRGYAPVLICESCAWQAKCPNCDANFTLHHQPYTHLHCHHCGTI  479
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LIDLKIVKKQHGISQPLIEQIKNTLARKEQVLIFLNRRGYAPVLVCESCGWQANCPHCDAHFTLHTQPYSYLHCHHCGTV  480
consensus                                      !!!!!! !!!*!!!!*!!* !!   !!*!!!!!*!!!!!!!!!!!*!!!!*!!! !!*!!!*!!!!*!!!**!!!!!!!!*

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  HRKPEQCPACKHTELKPIGMGTAKVEDSLNELFPNVDVIRVDRDSTSRVGSWQKIYDRIQRSEPLILLGTQMLAKGHHFP  559
NTDB id 1072 ABD1 RS01805 WP 000156662.1       HRLPDHCPECQQKSLKTLGAGTAKVEEHLQELFPDHDVIRVDRDSTSRVGSWQKIYDRIQQNKPSILLGTQMLAKGHHFP  560
consensus                                      !! !**!! ! *  !!**! !!!!!!**!*!!!! *!!!!!!!!!!!!!!!!!!!!!!!!!!   ! !!!!!!!!!!!!!!!
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logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  YVTLVAILDIDSGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGDVYLQSVRPDHPLLTTLVKGDYRKFAQQSLKERKAAQ   639
NTDB id 1072 ABD1 RS01805 WP 000156662.1       HVTLVAILDIDAGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGHVYLQTLRPDHPLLTTLIEKDYRAVAKQTLAERKVAL   640
consensus                                      *!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!**!!!!!!!!!!*  !!!  ! !*! !!! !

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  LPPYRYSALIRCESKSQELNQHFLQQHAQWLREHSEQLIEIWGPIPAPMERKAGRFHAHMVLLSKDRARLHFYIRNWWQN   719
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LPPYRYAVLIRAESKDRDYTLHFLNEAAEQLRQIAGDIVDIWGPIPAPMERKAGRYRAHMVILSADRARLHFYLRQWWAQ   720
consensus                                      !!!!!!  !!!*!!!  *   !!!* *!  !! *   ***!!!!!!!!!!!!!!!!**!!!!*!! !!!!!!!!*!*!! *

logo

NTDB id 1107020 ACLKM3 RS11975 WP 019836050.1  MLHEK.PSSMKLSLDIDPQEFS   740
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LVHAPRQHQLRLSIDVDPQEFS   742
consensus                                      **! **** **!!*!*!!!!!!
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X non conserved
X similar
X ≥ 50% conserved