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logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  .....MPDA...ILRLALPSPLRRLFDYRAPAGVSRAQLQPGMRLRVPFGRREMIGILVEVTDTSDVPL..EKLKPALAL   70
NTDB id 1072 ABD1 RS01805 WP 000156662.1       MTITPKPDSVVYRVRVAVPVHLYDTFDYTLTQA.QYERAHVGSRVAISFGRQNLIGIITEKVDPSESFTGTFQLKAISDL   79
consensus                                      ***** !! *** *!*!*!  !   !!!  * **     **! !* **!!!  *!!!* !  !*!* * **  !!*   !

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  LDAEPPLPPALFKLCLWTSQYYQHSLGDTLSWALPVLLRQGELAEARQERFWSVAPGASLDDPRIARAPRQREALSTLAQ  150
NTDB id 1072 ABD1 RS01805 WP 000156662.1       LDEQPILDEQVLSLLTWSAQYYQFPIGEVMQTALPALLRQGKPMDVL.FHLWKITPCDNVEA.LLKRSGKQQDAYQILKL  157
consensus                                      !!  !*!** *  !* !* !!!!***!* *  !!! !!!!! * *  * * ! * !*  ** * * ! **! *!   !

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  HPHGVAHQLLSKLMLSKDSLDLLLAKGLVQVEIRRHAPGVRHEHWLAQPELPLNTEQRAAYEAIRAGFDSYHAFLLAGVT  230
NTDB id 1072 ABD1 RS01805 WP 000156662.1       HPAGTTENILNLSGVETATLKALQKKGLVDCTLEPHDFSPS.PVQLAQMPLTLNEDQKKATQYVVNAQHQYQAFLLDGLT  236
consensus                                      !!*!  ***!    *   *!  !  !!!! * * *! * * *** !!!**!*!! *!* !   *  * * !*!!!! !*!

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  GSGKTEVYLQLIRETLEAGKQALVLIPEINLGPQTLARFEQRFNARIALLHSAVNDRERLDAWLAARDGEADIIIGTRSA  310
NTDB id 1072 ABD1 RS01805 WP 000156662.1       GSGKTEVYLHIMHEVLKQGKQVLVLVPEIGLTPQTISRFKSRFNCDIALLHSGLNDSKRLQAWQQAQTGKASIILGTRSA  316
consensus                                      !!!!!!!!!****! !  !!! !!!*!!! ! !!!* !!  !!!* !!!!!!**!!  !! !!  !  ! ! !!*!!!!!

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  LFTPMKNPGLIIIDEEHDGSYKQQEGLRYHARDLALVRARQENIPIVLGSATPSLESLHNAYTGRYGLLRLNERAGGARQ  390
NTDB id 1072 ABD1 RS01805 WP 000156662.1       IYTPLPRLGLIILDEEHDLSYKQQEGFRYHARDVALYRGHLQGCPVLLGSATPSIDSYHLVETGKLTALQLNQRAGHALL  396
consensus                                      **!!** *!!!!*!!!!! !!!!!!! !!!!!!*!! !**   *!**!!!!!!!**! !   !!*   ! !! !!!*!

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  PRFLRLDVKSRPLDSGISGPMQQAIGQTLAAGQQVLVFLNRRGFAPTLLCHDCGWMSECSRCDARMTVH.QRYGELRCHH  469
NTDB id 1072 ABD1 RS01805 WP 000156662.1       PKMHLIDLKIVKKQHGISQPLIEQIKNTLARKEQVLIFLNRRGYAPVLVCESCGWQANCPHCDAHFTLHTQPYSYLHCHH  476
consensus                                      !* * *!*!  *  *!!! !*   ! *!!!   !!!*!!!!!!*!! !*!* !!!   !**!!!* !*!*!*!  !*!!!

logo
NTDB id 1020870 ABV589 RS17165 WP 367082674.1  CGNVERTPRQCPKCNKVDLRPVGAGTERAEERLAILFPDYPVLRVDRDSTSRKDAMNQLFATIQKGQPCILVGTQMLAKG  549
NTDB id 1072 ABD1 RS01805 WP 000156662.1       CGTVHRLPDHCPECQQKSLKTLGAGTAKVEEHLQELFPDHDVIRVDRDSTSRVGSWQKIYDRIQQNKPSILLGTQMLAKG  556
consensus                                      !! !*! ! *!! !*   !***!!!! * !!*!  !!!!**!*!!!!!!!!!    * **  !!   !*!!*!!!!!!!
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logo

NTDB id 1020870 ABV589 RS17165 WP 367082674.1  HHFPRVTLVSILDADGGLFSGDFRASERMAQLIVQVAGRAGRAEEPGKVIIQTHLADHPLLVQLTEQGYFAFAEQALSER   629
NTDB id 1072 ABD1 RS01805 WP 000156662.1       HHFPHVTLVAILDIDAGLLSVDIRAPERTAQLIVQVAGRAGRGEHKGHVYLQTLRPDHPLLTTLIEKDYRAVAKQTLAER   636
consensus                                      !!!!*!!!! !!! !*!! ! ! !!*!! !!!!!!!!!!!!!*!**!*! *!!* *!!!!!  ! !  ! ! ! ! ! !!

logo

NTDB id 1020870 ABV589 RS17165 WP 367082674.1  RAAGLPPFSHLALLRAEAHKPGQAEGFLDEACSAAERLLAEQNLGGIELLGPVPAPMERRAGRYRAQLLVQAAARAPLHR   709
NTDB id 1072 ABD1 RS01805 WP 000156662.1       KVALLPPYRYAVLIRAESKDRDYTLHFLNEAAEQLRQI....AGDIVDIWGPIPAPMERKAGRYRAHMVILSADRARLHF   712
consensus                                      * ! !!!* *  !*!!! * *    *!! !!*     *****    *** !!*!!!!!!*!!!!!!****  ! !!*!!

logo

NTDB id 1020870 ABV589 RS17165 WP 367082674.1  LLASWLLVLEQMPSGRAVRWSLDVDPVDLY   739
NTDB id 1072 ABD1 RS01805 WP 000156662.1       YLRQWWAQLVHAPRQHQLRLSIDVDPQEFS   742
consensus                                       !  !   ! * !  * *! !*!!!! *
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X non conserved

X similar

X $\geq$ 50% conserved