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logo
NTDB id 144354 myaer RS15530 WP 046663806.1  MRAKMAIDKWRLKKILPMVQLGFLLGTVF.LLGGCH..SLNVIQNRPQPLPQDQYIQVYFNHNQARNSNYTDPYRQINRP    77
NTDB id 1416 SGL RS14595 WP 010873643.1      ..MGKLNRGWKPNPVVIFVALALLVAIAVIGIGKVDPLGLGQSLARPDPLPQQEEIQVYFNLNNAKGADFIDPDRDFKRQ    78
consensus                                    **       !** **** ! !* !**   * *! **** !     !! !!!!   !!!!!!*!*!*   * !! !   !*

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  GDNLEQVIIDHINSAKISIDLAVQELRLPAIAQALATRQQQGIKVRVILENIYNKPINSLAKNQEQLSDREQERYQNLFD   157
NTDB id 1416 SGL RS14595 WP 010873643.1      GDNFEQIILEQIDQAQSTIDLAVQELRLPRIAQALVEKQKTGVRVRLVLENTYNQTIKEAVE.....TEKDPFRYRGPLA   153
consensus                                    !!! !!*!***!   !  *!!!!!!!!!!! !!!!!  *!  !**!!**!!! !! *!     ********** !!  *

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  LVDINRDGKLTPEEIAQRDAITILKKAGIPLIDDSTDRSKGSGLMHHKFMVIDNYTTLISSANYTLSDIHGDFSNPQTVG   237
NTDB id 1416 SGL RS14595 WP 010873643.1      YLDQNQDGRISPAESAERDAIEILRTQKIPLIDDTEDGSKGSGLMHHKFMVLDNKTVIVTSANFTPSDQHGDYDDNFTRG   233
consensus                                     *! ! !!***! ! ! !!!! !!*   !!!!!!* ! !!!!!!!!!!!!!*!! ! ***!!!*!*!! !!!*  * ! !

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  NANHLLVINNPPLARVFQREFNLMWGRE....DQHKFGLDKPQRKPQTILIGNSILTVKFSPDSTTYPWAITSNGLIGET   313
NTDB id 1416 SGL RS14595 WP 010873643.1      NANNLLVVQSPAVAHLFTEEFNLLWGDGPGAEKDSLFGINKPSRPAKVLKVGETTVTVKFSPDRRAIPFPNTSNGLIAQY   313
consensus                                    !!!*!!!** !**!**!  !!!!*!!  ****  * !!* !! !**  * *! * *!!!!!!!    !** !!!!!!*

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  LNKAKKSVDLALFVFTEQPLANILAQRHQKGIEIKALIDPSFAFRYYSEGLDLLGVALSNKCRYEPDNQPWQNPINTLGV   393
NTDB id 1416 SGL RS14595 WP 010873643.1      LNQAQQKIQLALFVFSEQALSNVINQRFQAGTEVKALIDRGFAFRYYSEGLDLLGVTLLEDCLEQPGNSPWALPTEFVGT   393
consensus                                    !! !   * !!!!!!*!!*! !** !!*! ! !*!!!!!* !!!!!!!!!!!!!!! !   !   ! ! !!   !   *!

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  PALAPGDKLHHKFGLIDDKIVITGSHNWSRAANHKNDEALVIIDNPTVAAHFDREFQYLYRTAKLGLPETIKNRIEQDRK   473
NTDB id 1416 SGL RS14595 WP 010873643.1      PALPRGDKLHHKFALVDDDTVITGSHNWSPAANHNNDETVLVLQNAQIAAHYQRELDRLYAVTEYGLPPTVQARIDRQEQ   473
consensus                                    !!!**!!!!!!!!*!*!!  !!!!!!!!!*!!!! !!! **** !* *!!!* !!   !!     !!!*!*  !!*

logo
NTDB id 144354 myaer RS15530 WP 046663806.1  NCPQSV.......TIKSERLINLNTATKEELDSLPGISGKLAEKIIAARQQKPFTSLEDLDRVSGIGQGKINKLQGKVSW   546
NTDB id 1416 SGL RS14595 WP 010873643.1      ECANPRPSPKPLAKATPNRLVNLNRGSQEELESLPGIGPSTAEKIISTREQKAFTSLEDLGRVKGIGPSKIEGLRGKVTW   553
consensus                                     !*** ******   * !!*!!! ** !!!*!!!!! *  !!!!!  ! !!*!!!!!!! !! !!!* !!  ! !!!*!
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X non conserved
X similar
X $\geq$ 50% conserved