```
logo
NTDB id 86036 LC603172 RS14860 WP 061430281.1  MQLRLELVKKIWTMGQLVFLLGTVF.......LLGGCH..SLNVIQNRPQPLPQDQYIQVYFNYNQAQGSNYTDPYRQIN   71
NTDB id 1416 SGL RS14595 WP 010873643.1        ....MGKLNRGWKPNPVVIFVALALLVAIAVIGIGKVDPLGLGQSLARPDPLPQQEEIQVYFNLNNAKGADFIDPDRDFK   76
consensus                                      *****  * * ! * **!  **   ******* *! **** !     !! !!!!   !!!!!! !*! !  * !! !

logo
NTDB id 86036 LC603172 RS14860 WP 061430281.1  RPGDNLEQVIIDNINSAKSSINLAVQELRLPAIAQALATRQQQGIKVRVILENIYNKPINSLAKNQEQSSDREQERYQNL  151
NTDB id 1416 SGL RS14595 WP 010873643.1        RQGDNFEQIILEQIDQAQSTIDLAVQELRLPRIAQALVEKQKTGVRVRLVLENTYNQTIKEAVE.....TEKDPFRYRGP  151
consensus                                      !*!!! !!*!***!  ! !*! !!!!!!!!! !!!!!  *!  !**!!**!!! !! *!     ********** !!  *

logo
NTDB id 86036 LC603172 RS14860 WP 061430281.1  FDLVDINRDGKLSAEEIAQRDAITILKKAGIPIIDDRADRSKGSSLMHHKFMVIDNYTTLISSANYTLSDIHGDFSNTQT  231
NTDB id 1416 SGL RS14595 WP 010873643.1        LAYLDQNQDGRISPAESAERDAIEILRTQKIPLIDDTEDGSKGSGLMHHKFMVLDNKTVIVTSANFTPSDQHGDYDDNFT  231
consensus                                         *! ! !!**!* ! ! !!!! !!*   !!*!!!  ! !!!! !!!!!!!!*!! ! ***!!!*!*!! !!!*    !

logo
NTDB id 86036 LC603172 RS14860 WP 061430281.1  VGNANHLLVINNPPLARVFQREFNLMWGRE....DRPKFGLDKPQRKPQKIPIGNSSLTVKFSPDSTAYPWPITSNGLIG  307
NTDB id 1416 SGL RS14595 WP 010873643.1        RGNANNLLVVQSPAVAHLFTEEFNLLWGDGPGAEKDSLFGINKPSRPAKVLKVGETTVTVKFSPDRRAIPFPNTSNGLIA  311
consensus                                       !!!!*!!!** !**!**!  !!!!*!!  ****  * !!* !! !**  ***! ***!!!!!!!  ! !*! !!!!!!*

logo
ETLNKAEKSVNLALFVFTEQPLANILAQRHQKGIEIKALIDPSFAFRYYSEGLDLLGVALSNKCRYEPDNQPWQNPINTL  387
NTDB id 1416 SGL RS14595 WP 010873643.1        QYLNQAQQKIQLALFVFSEQALSNVINQRFQAGTEVKALIDRGFAFRYYSEGLDLLGVTLLEDCLEQPGNSPWALPTEFV  391
consensus                                        !! !   **!!!!!!*!!*! !** !!*! ! !*!!!!!* !!!!!!!!!!!!!!! !   !   ! ! !!  !   *

logo
GVPHLARGDKLHHKFGLIDDKIVITGSHNWSRAANHQNDEALVIIDNPTVAAHFDREFQYLYRTAKLGLPETIKNRIEQD  467
NTDB id 1416 SGL RS14595 WP 010873643.1        GTPALPRGDKLHHKFALVDDDTVITGSHNWSPAANHNNDETVLVLQNAQIAAHYQRELDRLYAVTEYGLPPTVQARIDRQ  471
consensus                                      !  !*!*!!!!!!!!!*!*!!  !!!!!!!!!*!!!!*!!! **** !* *!!!* !!   !!      !!!*!*  !!*

logo
RKNCPQSV.......TIKSDRLINLNTATKEELDSLPSISGKLAEKIIAARQQKPFTSLEDLDRVSGIGQGKISKLQGKV  540
NTDB id 1416 SGL RS14595 WP 010873643.1        EQECANPRPSPKPLAKATPNRLVNLNRGSQEELESLPGIGPSTAEKIISTREQKAFTSLEDLGRVKGIGPSKIEGLRGKV  551
consensus                                         !*** *******   * !!*!!! ** !!!*!!! ! *  !!!!!  ! !!*!!!!!!! !! !!!* !!  ! !!!
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logo

NTDB id 86036 LC603172 RS14860 WP 061430281.1  SW   542
NTDB id 1416 SGL RS14595 WP 010873643.1        TW   553
consensus                                      *!
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X non conserved
X similar
X $\geq$ 50% conserved