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logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  MKEILKHLVEHVTLPEDAYLDQDDEILEIFVEELEEIFEQLQASLDQWLNDESKDKELVNVRRYFHTLKGSGRMVGAKRS   80
NTDB id 1046 HON27 RS03130 WP 168726941.1    MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENI.ATLTEIRRHFHTLKGSGRMIGAKSS   79
consensus                                    !!!!!!*! !**!!!!! ! *!! ! !!!!*!!*!!!!  !!* *  !** !  *  !  *!!*!!!!!!!!!*!!! !

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  GELAWTVEDTLNRVIAKNLELSTEIQQYVSAVFNVYKFKLYAEFLNKQPHHLDLAPLVYLGQQLQQKQSLEPALADLLSL  160
NTDB id 1046 HON27 RS03130 WP 168726941.1    AELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQQSLEPALEELLQL  159
consensus                                    *!!!!!!!!!!!!!!  ! !** !! !!  !!  !  !!  ! *! *!*!!  !!* !!!!!!! !!!!!!! *!! !

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  AHTLNHENVLTGLEIADSEPLVEHIETVAAMANHENAEEHAVADPIQIDESAAETTPTSDESLISETLTIFVEESEEHLA  240
NTDB id 1046 HON27 RS03130 WP 168726941.1    SHTLMAETV.TGLELDYI...................EQDSLAEPI......IQATHTEIEINLDETLTLFMEEAEEHLA  213
consensus                                     !!! *! !*!!!!*   ******************! * *!*!!******   ! !  !  * !!!!*!*!! !!!!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  TIKDFLHLEQHTPEQYNRLIRALHTLRGSSSMAHIQDVFEASGKVEHLFKVLVQEDTESSKNENALLTYYAEFVSDYLHV  320
NTDB id 1046 HON27 RS03130 WP 168726941.1    TIHQFLDQELHQYDSYNALIRALHTLRGSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLLQEYREFVRDSLEL  293
consensus                                    !!* !!* ! ! ** !! !!!!!!!!!!!! !!**  *!!!! !!!!!!!*!*!!*  !*  !  !!  ! !!! ! !**

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  LKQTGDQDTQLAQIYQKFNDAWERYDFQHQYQQD.HQSQAGLVTQLVDLEIDLLLDAEFEFDKRAQVEYPEYFQQLIHQA  399
NTDB id 1046 HON27 RS03130 WP 168726941.1    LSRYSSS.EQLEARLLQFNQSWDAYVEQHGDRTDPLMPSHGLVSQLLQLDVSELLDAELDFEKGIRNEFPDYLERLSEQA  372
consensus                                    !      * !!      !!  !* !  !!    !** * *!!!*!!* !**  !!!!! *!*!    !*!*!   ! *!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  QILVDHTDNRASQGIHDFSLALKDGYTQIIAKPDLLNTDYAFEIFSKAHQEFIHLFDTLASGQRVSLSGATQAILDELHD  479
NTDB id 1046 HON27 RS03130 WP 168726941.1    DLLLQHTHSQAMLGLHEYTSQLKESYEVLLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSILEELKL  452
consensus                                     *!* !!*  !  !*!***  !!* !  ** !! !!**!! !!!* !!!!  !*!!! !! !!!! *   *! !!*!!*

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  YVHQEIDVDQ..IQIAEPSIEPAVQHE..AVAVSDINAVETGNHY..VLTQINLDKQNIDSAQSQREFDADVLDIFIEEA  553
NTDB id 1046 HON27 RS03130 WP 168726941.1    YTQYTPDISNDLPQQDSISFEPIYNIEPEPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEA  532
consensus                                    ! *  *!* ****!   *! !!  **!***  !  *       *****   ** !*! ! ! ! *! !!!!*!!!!*!!!
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logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  DELLVGMDHDLNTWSSHPDDTTALNNLMRYLHTLKGGANMVQATHIGLIAHELETIYERVIKGQLKAGPQVIQSIRLIQD   633
NTDB id 1046 HON27 RS03130 WP 168726941.1    EELLEGIDTDLNIWVGEQENFAALNNLMRYLHTLKGGANMVQATYLGLIAHELESIYERLIQKQLVVTSDLIDFIRLVQD   612
consensus                                    *!!!  !*!*!!!  !  ***   !!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!*!!!!*!  !!   * *!  !!!*!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  DVADRIQLIREKSIDYPATHILEVLQHIDQQQFLHDTNVEIAEK..........AQDEIVLVDES..VTPEFDVISADQQ   701
NTDB id 1046 HON27 RS03130 WP 168726941.1    DLADRLQIMREQQLDYAAPYTINALKRAGQNSNFQPLPVVEAFDAESEVFSEQKVISEIIIDEIPVELEPALAELETHHD   692
consensus                                    !*!!!*!**!!  *!!*!** *  ! *  !*   ** *!  !  **********   !!** * **** !    *  **

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  Q....ATLEQAEPFV........EQIQVDDLDDAERVAQETFIEEARELIDDGLNILSQWFDQRSNRSLLLQLQRIAHSL   769
NTDB id 1046 HON27 RS03130 WP 168726941.1    QVFDTAVTELATPVEMITTVTSQENEVAANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSL   772
consensus                                    !****!  ! ! !  ********!*       ! ! !   !!*!!! !!** *  *! !!!*!!*!!!*!!!!!!  !!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  KGGAKMVKLEGVADIAYELENAFEQFGQHNFNSNVYDGLLESAFHWLDAAIFKQSYDNFDGLKLNLNRMQYVDVSAQLPE   849
NTDB id 1046 HON27 RS03130 WP 168726941.1    KGGARMVGLEAVQAIAYQLENAFEQFALHHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIQIPT   852
consensus                                    !!!!*!! !!*!  !!! !!!!!!!!* !*!!!!*!!*!!!!! *!!  !!! * ! *!!!!   !  *!* * * !*!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  KLSRTNLIFEQINNEFVQGDGTEPPSMLGEWDLSEKTETNNEMIRISADLVEKMIDLSGENAINRSRIEMDLGQLGNTLT   929
NTDB id 1046 HON27 RS03130 WP 168726941.1    KLTRADLFSSEPVMTFIQGDGTEPPPMMGAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLV   932
consensus                                    !!*!  !    *   !*!!!!!!!!*!*! !* *!* * !!!!!!*!!!!*!!!!!!!!!! !!!!!!!!!!  !   *!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  DMELAIQRLADQLRRMEGELESQIIAKHGDLSARYADFDPLEMDQYSSLNQLSKSLAESASDLVDFKTTLAEKIRDTEGL  1009
NTDB id 1046 HON27 RS03130 WP 168726941.1    EMELAIQRLADQLRRMEGELETQIIAKHGIEHSRYTDFDPLEMDQYSSLNQLSKSLAESASDLVDFKNTLSDKIRDTESL  1012
consensus                                    *!!!!!!!!!!!!!!!!!!!!!*!!!!!!!  *  !! !!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  EDTEQRQKAGKPLTGRIDLNISRQGTDVLVSFKDDGKGINPAIIRDKAIEKGLIKSDQHLEPEEILQFIFHPGFSTAQQV  1169
NTDB id 1046 HON27 RS03130 WP 168726941.1    EDRAQRQQANKPETGRIELNIQRQGTDVVVFSDDGQGIDVEKVRQKALLAGLIKPEQDLEQQDILQLIFHPGLSTAEQV  1172
consensus                                    !!  !!! ! !! !!!!*!!! !!!!!!*! ! !!! !! *  *! !!*  !!!!**!*!!* *!!! !!!!! !!! !!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  TQISGRGVGLDVVQSEIKSLGGQVSVSSELGHGSTFTIRVPTTVAVSDALMVKVGDQQFAVPLSQIDRIVRISPAALEEY  1249
NTDB id 1046 HON27 RS03130 WP 168726941.1    TQISGRGVGLDVVQSDIKSLGGHVSVESVYGQGTTFTIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQY  1252
consensus                                    !!!!!!!!!!!!!!!*!!!!!!*!!! !  !*!*!!!!!!!!!!!!!!!!!!!!*!!!!!*!! !!!!!*!*!!! !! !

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  FETQNDYFDIDYQSYKLRYLGEFTANQVTPRLHGFAHSLPVLLIKGSLGQSVAILVDQLIGSRSQIVVKPIGKQFAAINA  1329
NTDB id 1046 HON27 RS03130 WP 168726941.1    FESPQELFEYENKRYPLRYLSEFVGNQPIPRLNGVMYSLPVLMIKANNGQTVALLVDQLIGSRAQIVVKPIGQQFSSIGA  1332
consensus                                    !!**** !* *   !*!!!! !! *!!* !!!*!  *!!!!!*!!*  !!*!!*!!!!!!!!! !!!!!!!! !!  ! !

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  IAGATILGDGQVCLILDGQNIARQVQGSSRGGAEYLQQDKQRHRDQRRLIMIVDDSVTVRKVTSRLLERQGFDVITAKDG  1409
NTDB id 1046 HON27 RS03130 WP 168726941.1    IAGATILGDGQVCLILDGQNIARQIQSTQRHKQLSEAVYRQRESDERRLIMIVDDSVTVRKVTSRLLERQGYDVVTAKDG  1412
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!*! * !*        *!!* ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  VDAIEQLENVKPDLMLLDIEMPRMDGFEVTNLVRHHEIHRDLPIIMITSRTGEKHRERAFSLGVTNYMGKPFQEADLLAN  1489
NTDB id 1046 HON27 RS03130 WP 168726941.1    VDAIEQLENIKPDLMLLDIEMPRMDGFEVLNLVRHHDMHQYMPIIMITSRTGEKHRERAFSLGVSQYMGKPFQEEELLEN  1492
consensus                                    !!!!!!!!!*!!!!!!!!!!!!!!!!!!!! !!!!!!**!  *!!!!!!!!!!!!!!!!!!!!!!!!**!!!!!!!! *!! !

logo
NTDB id 207787 BSR55 RS03385 WP 100884509.1  IDALLTVK......  1497
NTDB id 1046 HON27 RS03130 WP 168726941.1    IDALLVAFESEVKS  1506
consensus                                    !!!!!   ******
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X non conserved

X similar

X $\geq$ 50% conserved