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logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  MKGKNDYFKPLLWILGFLTLLLAQGTQALDKAPSIFYPLPAQAQGKIFAAQNLFLGEEGGIWIHDVHGKVVFFDGQNILP   80
NTDB id 1151 GTF74 RS04205 WP 001911421.1        ......MFRTLLY.GCLLNILIPSLVLALDKSMSIFYPLPIQEQGKVIVAQNLYLGSDGGIWVHDVHGKVMYFDGQNVLP   73
consensus                                        ****** !**!!** * ! *!**    !!!! *!!!!!!! ! !!!*  !!!!*!! *!!!!*!!!!!!!**!!!!!*!!

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  RRGSVLSQESENITYLNNAFWTFIDNELYRTYPAQDRELVFSLTPGIIIKKIGSSGNFIWLADETHFYTYHAQIHKLVTY  160
NTDB id 1151 GTF74 RS04205 WP 001911421.1        RRGSVLPQLSSHIVYANSAFWAFEQHELFRTYPGGERELMLSLTPGTQIIQMGASNGMIWMVDGENFYSYEIRSGRVESL  153
consensus                                        !!!!!!*! ! *! ! ! !!! !  *!!*!!!!* *!!!* !!!!!  !  *! !   !!* !  *!!*!*  **** *

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  SFKEMYQLNQASRLIVNDAKFVLSKWVLATNAGVYLSDGESFSHVLSSGKNFIEKLYFSEKRRELVIGTLNGGLIIDVED  240
NTDB id 1151 GTF74 RS04205 WP 001911421.1        SLHELYQLNSASKVVINDAQFLVSKWALATNVGVYLSDEQGFAHVKNSGKHFIQKLYFSHKRRELLVGSKRGALVIDIEN  233
consensus                                        ! *!*!!!!  !!****!!! !**!!! !!!! !!!!!!   ! !!  !!!*!! !!!!!*!!!!!**!*  !*!*!!*!

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  PKRQQKLVGDSHVLSVAETDQEYWIGTEDGLFVHSFLTGKTVKLESNDQDNNGLPGNKIYSLVNDLQGGIWIATDKGIRY  320
NTDB id 1151 GTF74 RS04205 WP 001911421.1        KRPPLDRIGSSHVLSIAETEKEYWIGTEDGLFVYSFITGKIVQLESNNQDGYALLGKKIYAMVNDFQGGMWIGTDKGIFY  313
consensus                                        ****   *! !!!!!*!!!* !!!!!!!!!!!!*!!*!!! ! !!!! !!  *!*! !!! *!!! !!!*!!*!!!!! !

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  FSLFGQKFKRHSIAQLNN....NPITKIVTRSDNKGYFFLTRQGLYQVDAEDWQEPKLIFPGEVHDVAQIDDHSLWIATH  396
NTDB id 1151 GTF74 RS04205 WP 001911421.1        YSLFGQQFTRYPAQALSNDGSKTPIGKIAALNSDGDYLAITAQGLYNFNFSDELRKHLIYPGKVNDFVI.AQEHLWIATE  392
consensus                                        *!!!!! ! !**   ! !**** !! !!         !  *! !!!!*    !   **!!*!! !*!   *  **!!!!!*

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  TGIVIYHLQTKKMIETSVLPLKLRSNDTKHLEFDHEGLLWGATGNHLWSYQLADNSLTDFGSEWFVDAFLPAKIIKLKST  476
NTDB id 1151 GTF74 RS04205 WP 001911421.1        KGLVRYNLSRR.SIDTPNLPLPLLQTAIQHLSLDSDGNLWGTSDYQIWSYSLSEKNYRDYGSEWMVKAFSPSRITLLAAV  471
consensus                                         !*! !*!   ** !*!* !!!*!      !!  !**! !!! *  **!!! ! *    !*!!!! ! !! ! *!  !

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  RRGVFIGTDHGVYLFDKGKIVFLRATSHYGQSIDIFESSKGDVWFASAYGVFVLAHDRSDIRSIDMVEENISPKCLTETG  556
NTDB id 1151 GTF74 RS04205 WP 001911421.1        KDGIVIGTEHGAYSLLEKQIRFDFSSHRYGEILQVAEDSSGHIWLVGSYGVFQWRKDQPEAVTVELIEENIQPLCIAESK  551
consensus                                        * !* !!!*!! !       ! !   ***!!  * * ! ! !**!    !!!!   *! **  *****!!!! ! !* !*
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logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  NGIWLTSSQGISLYNPMGEMVKHFGDPHGLMNNEFKSGVCESSIINNQQQLLLGSRFGLVTAWSSELTVATPPNTNIIFS   636
NTDB id 1151 GTF74 RS04205 WP 001911421.1        QGMWLISTKGISYYRN.QELTKHFGAPYGLISNEFLSASCAVGEEQDNSSLIIGSQFGVVKTNTIEELAVSNLPNIQVTFS   630
consensus                                        *!*!! !* !!! ! ** !* !!!! !*!!* !!! !* !     * *  !**!! !!*!   * !! !  *!! ** !!

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  QVNVDHIPVMFGRGRFQTLELEYGSSISFLFGALPESRALSLEYRIAGDKEWQRLESAQLTLDHLLPGHYRLLVRNYSPN   716
NTDB id 1151 GTF74 RS04205 WP 001911421.1        QVSVNHTTKLLGYRMSEPLKIAYGDSISFQFGALPSSRSQSLEYKLNDEQQWQRFDWALLNFDQLLPGKYRLKVRSANPT   710
consensus                                        !! ! ! * * !     *! * !! !!!! !!!!! !!  !!!!**  *  !!! * ! !  !*!!!!*!!! !!   !

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  PQNSMINSLSFVVDNPWYWSSWAIVLYLCLSIGLIAFASWWRSRWVTKVNRKLKAQVALKTDQLRHQSKIVLTNNQQLRK   796
NTDB id 1151 GTF74 RS04205 WP 001911421.1        QRYRTEALFDFEVLQPWYMTSIALVGYVLSVLGLLALALWWRTRMILAANRKLKAQVELKTSQLRHQSKIVLSNNHQLRK   790
consensus                                        *          ! ! *!!! *! !*! !**  *!!*! ! !!!*! *   !!!!!!!! !!! !!!!!!!!!!*!!*!!!!

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  QLQLRHIVVEQMLDSITPTLNQLIYRSQLHQLARLESLALKVKRELALLRNVRNDKTATQLLYDLSIILNSCVDGWREEF   876
NTDB id 1151 GTF74 RS04205 WP 001911421.1        QLQLHHTILGNVLDNIDASLRHLSSYAKVRAWSEFEAPFNKVKQELAQLHFMHRGDEDESKYHDLHLLIESALKSWQEEY   870
consensus                                        !!!**! ** **!! ! **! *!     **     ! *  !!! !!! !* **         *!!**** !**  ! !!*

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  AKANISLAVNNELKQAYIESAHFNLDIIFNTLLSDAVKRLYRNQELQIHCYEREKRLFIVMIDCCGDQVQSINSDKRISGF   956
NTDB id 1151 GTF74 RS04205 WP 001911421.1        SKALIKLTYSGE..PRFVEVRQFNLDVLFNAVLTDAIKRLYKHQELTIQLEVRNAQAVIVFSDFGAPIQNIDKTMVTLSG   948
consensus                                         !! ! !    !*** **!  *!!!**!! *!*!!*!!!!**!!! !**  !     !!  !*! **! !

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  ELEEMQLLVQRSGGEIHIFSSPERNLVELSWPSVELVSDAPEMI.VVEEHSEDKFIDVTEKEWLKKVEKLVHNHYSDPEF  1035
NTDB id 1151 GTF74 RS04205 WP 001911421.1        SSYPLEELVIRSGGVLHVLALKERNVIELAWPLATLPELETIHKPEEGEQAAKVGIDEVEKEWLSKVEKLIELHYSDPNF  1028
consensus                                           **  !! !!!! *!*   *!!!**!! !!   !*   * * *   !*     !!  !!!!! !!!!!** !!!!! !

logo
NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  STSSAAKSLFVSERSLQRRFKAITNKTFKEYLNEIRLEKACQYLLAGGKVAQVAFDCGFNDPSYFSQRFKHHFGLSPTQF  1115
NTDB id 1151 GTF74 RS04205 WP 001911421.1        TTSTAAQALYVSERSLQRRFKAATGKTFKESLNEVRLEKACQSLLSGAKIAQVAFDCGFNDPSYFSQRFKHHFGLSPSQF  1108
consensus                                        *!!*!!  !*!!!!!!!!!!!! ! !!!!! !!!*!!!!!!! !! !*!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!
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logo

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NTDB id 1113445 VANGNB10 RS15675 WP 013856355.1  VDDNE.  1120
NTDB id 1151 GTF74 RS04205 WP 001911421.1        IEDQEN  1114
consensus                                        **!*!*
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X non conserved

X similar

X $\geq$ 50% conserved