```
logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  MRTGLVALALGLLAPIFLPVLPPLWLIAAMPVLALMALPFRTYPLGFFLFGLAWACLSAQCALDERLPIALDGETRWVEG   80
NTDB id 1199 PSJM300 12650 AFN78592.1        MRAGMLALAAGLLLLRFLPQLPSFGWLLALAPVGLLLLPFRWRPLAFFLFGLVWACLNAQWALDDRLPVDLDGRTFWLEG   80
consensus                                    !! !**!!! !!! * !!! !!*   * !*****!* !!!!  !!*!!!!!! !!!! !!*!!!*!!!* !!! ! !*!!

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  RVVGLPQQGEGVVRFELADAHSRRTRLPATMRLAWFGGPPVSSGERWRLAVKLKRPSGLLNPHGFDYAAWLLSRGVGATG  160
NTDB id 1199 PSJM300 12650 AFN78592.1        QVTGLPDRRGDVVRFELEDIHSRHAGLPSRIRLAWYGGPEIRSGERWRLAARLKRPSGMVNPSAFDYEAWLLARRIGATG  160
consensus                                     ! !!!     !!!!!! ! !!!*  !!  *!!!!*!!!** !!!!!!!! *!!!!!!**!!**!!! !!!! ! *!!!!

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  TIKDGRLLQ..AARGAWRDEVRQALAQVDAHGRSGALAALVLGDGGGLSREDWQVLQDTGTVHLLVISGQHIGLLAGLVY  238
NTDB id 1199 PSJM300 12650 AFN78592.1        TIKAGERIAEAASSGAWRDRLRQRLLTVEAHGRAGAIAALVVGDGSGLSTADWRVLQDTGTVHLMVISGQHVGMLAGLLY  240
consensus                                    !!! !  * **!  !!!!! *!! !  !*!!!! !!*!!!!*!!! !!!  !! !!!!!!!!!!*!!!!!!*!*!!!!*!

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  LLVAGAARYGLWPVGLAWLPWACALAFCAALGYGLLAGFEVPVRRACAMIGLVLLWRWRFKQPDPWWAWLLAFVGVLVFD  318
NTDB id 1199 PSJM300 12650 AFN78592.1        AVVLLLARWGIWPQRLPWLPWACGLAFAGALGYGWLAGFEVPVRRACLMVAIVLLWRLRFRHLGVWLPLLIALVGVLMVD  320
consensus                                     *!   !!*!*!!  !*!!!!!!*!!!**!!!!! !!!!!!!!!!!! !***!!!!! !!*** *! * !*! !!!!* !

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  PLASLRPGFWLSFAAVAILMFTFGARLGPWRWWQTWTRAQWLVALGLCPLLLIVGLPVSLSGPLVNLLAVPWISLLVLPP  398
NTDB id 1199 PSJM300 12650 AFN78592.1        PLASLQPGFWLSFVAVALLIWIFRGRLGVPSWWRALLYAQWAMALGLLPAMLVLGLPVSLSGPLANLLAVPWISVLVVPL  400
consensus                                    !!!!! !!!!!!! !!!*!** ! *!!!** !!     !!! *!!!!*! *!**!!!!!!!!! !!!!!!!!!*!!*!*

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  ALLGTALLPVPLMGESLLWIAGGLLDLLFKGLTLVAGRMPAWVPTAVPPWALGIAAFGAFLLLLPKGVPLRVLGWPMVLL  478
NTDB id 1199 PSJM300 12650 AFN78592.1        ALLGSFLLWVPWLGEALLWLAGGLLAVLFELLALIAGWQPAWLASALPLWAWSLVALGTLVLLLPAGVPLRVLGTLLLAP  480
consensus                                    !!!!* !!*!! *!! !!!*!!!!! *!!  ! !*!!  !!!***!*!*!!  * ! !  *!!!! !!!!!!!! *** *

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  MVFPPQEHLPQGQAEIWQLDVGQGLAVLVRTRRHTLLYDAGPRFGEADVGERVVLPTLRKLGVRGLDLMLLSHADADHAG  558
NTDB id 1199 PSJM300 12650 AFN78592.1        LLFAPDSRPEQGRAEVWVFDVGQGLSVLVRTRDHALLYDAGPRYGDFDIGERVVFPSLRQLGLERLDLMMLSHADSDHAG  560
consensus                                    **!*!  ***!! !!*!  !!!!!! !!!!!! ! !!!!!!!!*!* !*!!!!! !*!! !!*  !!!!*!!!!! !!!!
```

```
logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  GARAVRNGLPTMEVISGDPDALPAELLAGPCDSGRRWEWDGVGFELWRWASAVESNQKSCVLLVEAGGERLLLTGDIDTP   638
NTDB id 1199 PSJM300 12650 AFN78592.1        GALAIQRAMPVGAVLSGEPERLPAALDARSCRTGQRWTWNQVNFSVWRWPQATNGNQASCVLMVEAAGERLLLTGDIDAQ   640
consensus                                    !! !*  **!   !*!!*!* !!! ! ! *! *! !! !  ! ! *!!!* !   !! !!!!*!!!*!!!!!!!!!!! *

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  AERALLDEALAVPIQWLAAPHHGSRSSSSMALLSRLKPHSVLISRGQGNAFGHPHPQVLARYRRSGLAIYDSAEQGAIRL   718
NTDB id 1199 PSJM300 12650 AFN78592.1        AERALVDGGMEVNARWLLAPHHGSNSSSSAVFLAAVAADGALISRSSHNAFGHPHPAVLKRLQNAGAELHDTAEHGALSL   720
consensus                                    !!!!!*! ** !*  !! !!!!!! !!!!   !  * **  !!!!  *!!!!!!!! !* !    !  **!*!!*!!* !

logo
NTDB id 396106 GFU70 RS20120 WP 064106986.1  QLGAFEVPRAEARHRRYWRDSPAVGPPGQY   748
NTDB id 1199 PSJM300 12650 AFN78592.1        QLGAFGGARRMRDEPRFWREK.........   741
consensus                                    !!!!!  *!    **!*!!* *********
```

X non conserved

X similar

X $\geq$ 50% conserved