```
logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  MYRYINVYKYLSLVFIILSFIYVIYLSYSFAFNIFVGADVKINEQGKLEVTNVLDYTDEYYSCVKKGDIILEVNGEKGSD   80
NTDB id 91 BSU 31690 NP 391047.2               ...MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSD   77
consensus                                      ***  !* !  **  !*!! *!* ! *!     ! *!  ** !*     *  * * *   * *** !!!!! *! !!*!!

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  IQLKSGRLVNVESLIVERDNKSFHLQNVSLIS...EENLFMYLIPVISYSICLFCIFFIYRINKVRKSTSAYILILFLLF   157
NTDB id 91 BSU 31690 NP 391047.2               KHLKWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLD   157
consensus                                       *!! ! ! ** !! * !  !  !!    !******   !****!*  ! *** !!!*! **!! !*!  !!!!!! !!

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  VSVAYVSACGARRGEEISTYLLVLTLVSCPVLYIHFIYKYFIELGTKLFEKKILIIMYMLPLINLLLEDVLSNRLKSSAF   237
NTDB id 91 BSU 31690 NP 391047.2               ISIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNRI..SFLYIIPIFNLGIEFFQDYLQVDIDF   235
consensus                                      *!*!!*!!*!* !!* !  !* * ! *!*!*!!**!! *!  !*!     * **  *!**!* !! *!             !

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  LSNLNLISFFVLVLTVSILIHKGIRKFKQKEQKSILKVLAYTNIFSFSPFIVFFAVPYVFFEKYVSPFS.LAAFTLVIPF   316
NTDB id 91 BSU 31690 NP 391047.2               LATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPF   315
consensus                                      !  !!!*!!  ! !     !* ** !*!  !*  !!!*!  !!  !! !!**!! *! *!   !* !  * !   **!!!

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  SLVYQFMTNRLYNIDFVVGRLKYYGFLAITPTIIVVTIFNYIQQPKDIFYLVKLTIAIYVLMFAVFYFKEIIDFRFKLKR   396
NTDB id 91 BSU 31690 NP 391047.2               GLVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKR   395
consensus                                       !!!!!* !*** !*!**!!**!!* !!* !!***!        *     *!* !*  *!*!!!!!!!!!**!!*!*!!!

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  FTEKFNYQDGIFKFTQLIKQASSVDQVLNHFKNTILEVLNIDNACVYDNSKGEITLLSKNNFKDLTYKNHEQYVKNFSGD   476
NTDB id 91 BSU 31690 NP 391047.2               FSEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSE   475
consensus                                      !*!!!!!!! !!!*!!!**  *!* !!  * !!!!!*!! *  !* ** ** *  *    *   * *  *     ! * *

logo
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  IGKIKEFKQGFIIKIGERGDRSFLVLCFSSYNTFKLTRDEIAWLQTLAFYTNVSLENVMKIEELMVHLEDLKQQESNPVW   556
NTDB id 91 BSU 31690 NP 391047.2               IGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIW   555
consensus                                      !!!! !  !!!**!*!!!!  !***!! !  !!**!!!!!! !! !! !!! !!*!!!**!!!!! !! !!!!  *!!*!
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logo

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NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  LKKLMYTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRP  636
NTDB id 91 BSU 31690 NP 391047.2               LKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRP  635
consensus                                      !!!!!* !!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

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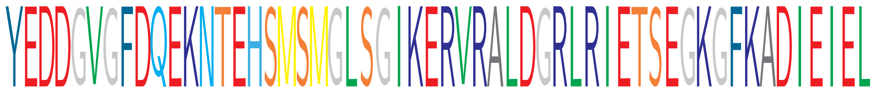
NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  QLLYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLH  716
NTDB id 91 BSU 31690 NP 391047.2               QLLYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLH  715
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo 

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NTDB id 1069684 ACF2JY RS04015 WP 041332996.1  YEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL  770
NTDB id 91 BSU 31690 NP 391047.2               YEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL  769
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved