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logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  MNYSLRKVSIILLILSFVYCLYVGYLFFHDRFEGARLQYNSSHQLEVVEVEKNSSAEYAEVKKGDIILEINGRKISKEKL   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDK..   78
consensus                                    !   **! *! ***!! *!* !  !*  *    ! *** !  *!  * !*   ! * *  ** !!!!! !!   !*!   **

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  SPENILSWAYSL.....TVERNGETVSINTQET..IIGYDMLFVFFIPTICYLLCLFCIFLILKSNKSEKRYSSFFLIMF  153
NTDB id 91 BSU 31690 NP 391047.2             ....HLKWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILL  154
consensus                                    *****! !*!  ***** * ! !  ***   * ***  *   !*! *!  *! !** !!! !!! !!  * *  * !!*

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  LLIISMAYLSAGGVARGDILSRYFNLLTFISVPISYLHFIHQYFKETGKKFFNNKVFLLYLLPLFNIILECFFRH.RLTI  232
NTDB id 91 BSU 31690 NP 391047.2             LLDISIAYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR.ISFLYIIPIFNLGIEFFQDYLQVDI  233
consensus                                    !! !!*!!*!!!!* !!*!* !! !! !!!! !! !!*!!* !  ! !! ! ! **  !!**!*!!* *!*!  ** * !

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  DMVGSINLLSFLVSMTIVIIVIIYGLIKHRFSEQAYFLKMMMFTNLIAISPFVIFYALPYLFLDDYIFPAVFVAPFLILI  312
NTDB id 91 BSU 31690 NP 391047.2             DFLATLNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLI  313
consensus                                    ! ****!!*!!          !  *! !*** !* * !!*** !! *   !!*!!* !! *!   !!!!!*  !* !*!!

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  PLSLVYQFMANKIYNVEFLLGRLKYYGLLAIIPTIILAYVATFAHFRVDGYSAIRLASCIYLVILGVFYFKEILDFRFRL  392
NTDB id 91 BSU 31690 NP 391047.2             PFGLVYQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRL  393
consensus                                    !  !!!!!*!!!** *!!*!!!**!*!!!*!!!***       *       **!   * **!* *!!!!!!**!!*!!!

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  KRFSEKFNYQDSIFKFTQIIRTSMSLKQVLFELKQTILDVLLVNQTYVMEVKSDGTISLLEDDIEDQPWLPFEKEVSIAV  472
NTDB id 91 BSU 31690 NP 391047.2             KRFSEKFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVT  473
consensus                                    !!!!!!!!!!!!!!!!*!!**!   !! !!  !!!*!!!!!!!!   !  !! *!* *  !* *   **! **  !

logo
NTDB id 247509 COP00 RS10495 WP 057957515.1  TEIGKIVEVDRGFLIKIGERGGTSYVMLCLSILNTPRLTRDEISWLETLAFYTSVSLENVLKIGELMEHLENVKKEGPNP  552
NTDB id 91 BSU 31690 NP 391047.2             SEIGKIIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNP  553
consensus                                    *!!!!!*!!  !!!*!*!!!!!*!!!*!!!! *!!!!!!!!!!!!! !! !!!!!!*!!!!*! !!!!!!  *! !!*!!
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logo

NTDB id 247509 COP00 RS10495 WP 057957515.1  AWLNKLMFAIEEKQRSDLARDLHDSVLQDMISLKHQSEMFLADFEKD.KVCTAEIEQRLVNMNEQMSNVIQMTRETCQEL   631
NTDB id 91 BSU 31690 NP 391047.2             IWLKKLMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHEL   633
consensus                                     !! !!!!!!!!!!!! !!!!!!!!!!!!*!!!!*!*!*!!*!! !!* *!  !*  *!!*!!!!!! !! !!!!!!*!!

logo

NTDB id 247509 COP00 RS10495 WP 057957515.1  RPQLLYDLGLVKALSKLAAQHQESSSMRIRLNTERFSKVLDLDTQLNLYRIVQELLSNAVKHSKAHEVLVMLVCIKEKVV   711
NTDB id 91 BSU 31690 NP 391047.2             RPQLLYDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIV   713
consensus                                    !!!!!!!!!!!!!!!!!! !!*!!  * *!!!!! !!*  !!!!*!!!!!!!*!! !!!!!!!! !**!!*!!**!  !*!

logo

NTDB id 247509 COP00 RS10495 WP 057957515.1  LHYEDDGIGFDQDKLYQNSSSMGLSGIRERVRALNGKLDIKTAEGKGFKVIIEMEL   767
NTDB id 91 BSU 31690 NP 391047.2             LHYEDDGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!!!!*!!!!*!   *! !!!!!!!*!!!!!! !*! ! ! !!!!!!  !!*!!
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X non conserved

X similar

X $\geq$ 50% conserved