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logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  MRYFIKHLSIALLIFSFFYIAHIIYFTQNGILVGTYVVETSKHEFEVVKITKSSYGRYLNLKEGDKILQINGHMPSSQNI   80
NTDB id 91 BSU 31690 NP 391047.2             MKNLIKKFTIAVIVLSILYISYTTYISMNGIIIGTKIHKNDKSQFMIEEISESSYGQFVGLRQGDIILKINKEKPSDKHL   80
consensus                                    !*  !!* *!!*** !  !! *  ! * !!!**!! **   !* ! *  !* !!!! ** !* !! !! !! * !!   **

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  KNGYLAKANNLKVERRNHEIQLHGSEDLSLNSSVSFFIYIVPCILFALSLLCIFYIYKVNRIKNIVSAYILICFLIFISI  160
NTDB id 91 BSU 31690 NP 391047.2             KWGYLSHINSLDILRSGKKIHLKDFDLVTLNRPYSFFLFVLPLFFYFLSIICIFYILKVNKKRRSFAAYILILLLLDISI  160
consensus                                    ! !!! * ! ! * !  * !*!*  * **!! * !!!****!*  * !!**!!!!! !!!* * *  !!!!!* !* !!!

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  AYLSAGGVTRGYEINRYVNLFTFLNVPVLYLHFLYQYFKELKIKFSAKSIVYILYCLPVLNIVTELFRY..RYDLYFVRD  238
NTDB id 91 BSU 31690 NP 391047.2             AYISAGGPFRGHIINRYINLFTFISSPILYLQFIQRYLGEIGKTFLNR..ISFLYIIPIFNLGIEFFQDYLQVDIDFLAT  238
consensus                                    !!*!!!!* !!* !!!!*!!!!!*  !*!!!*!*  !  !*  !  **** !!**!* !*  ! !  **  !* !*

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  MNLLSFFIEILIVYMYIVYYAIIYRKRDHAYLLKVLLISNTIAFLPFTVLYLLSEVILGQYIYSAIVTAPFLLIIPLALV  318
NTDB id 91 BSU 31690 NP 391047.2             LNLVSFATLTLFSFSAIYLHLNKYKYAEHSFILKLLILTNTLSFAPFLIFFVLPIIFTGNYIFPALASASLLVLIPFGLV  318
consensus                                    *!!*!!    !  *  !  *   !*  *! **!!*!***!!* ! !! * **!* *  !*!!**!* *!* !**!! *!!

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  YQFVVNKIYDIDFLLGRIRYYSFLSIVPTIGVVWLSILYESKGNHFNTIQITLYVFLIFLAVFYTKEVLDYKFRLKRFSE  398
NTDB id 91 BSU 31690 NP 391047.2             YQFVANKMFDIEFILGRMRYYALLAMIPTLLIVGALVLFDVMDIQMNPVRQTVFFFVVMFAVFYFKEVMDFKFRLKRFSE  398
consensus                                    !!!! !!**!!*!*!!!*!!!   ! **!!* *!   *!**    * !**  !** !**  !!!! !!!*!*!!!!!!!!!

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  KYNYQDSIYKYTQLLKSVSALNQVFMNLKKTILDVLPVSKAYIFEISSDGDILYFDKQNIEPNWQPYKKEFDKVTSEIGK  478
NTDB id 91 BSU 31690 NP 391047.2             KFNYQDSIFKYTQLMRGVTSLQQVFKELKNTILDVLLVSKAYTFEVTPDHKVIFLDKHEVGPDWNFYQEEFENVTSEIGK  478
consensus                                    !*!!!!!!*!!!!!** !* !*!!!  !! !!!!!!*!!!!! !!***!* *** !!* * ! !**!  !!* !!!!!!!

logo
NTDB id 211545 BUN12 RS11240 WP 013353395.1  IIEVNQGFLMKIGERGANSYILLCLSSINTPRLTRDEISWLKTLSFYTSVSMENILQIEELMNHLQDLKQQGSNPVWLKK  558
NTDB id 91 BSU 31690 NP 391047.2             IIEVNQGFLMKVGERGGSSYVLLCLSNINTPRLTRDEISWLKTLSFYTSVSMENVLHIEELMEHLKDLKQEGTNPIWLKK  558
consensus                                    !!!!!!!!!!!*!!!!* !!*!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!! !! !!!! !*!!*!!!!
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logo

NTDB id 211545 BUN12 RS11240 WP 013353395.1  LMFTIEEKQRSDLARDLHDSVLQDLISLKRQCELFLADFKK.EEPCHIEVQDKLHQMNEQMSDVILMTRETCHELRPQLL   637
NTDB id 91 BSU 31690 NP 391047.2             LMFAIEEKQRSGLARDLHDSVLQDLISLKRQCELFLGDFKKDDNPCREEVQDKLVQMNEQMSDVISMTRETCHELRPQLL   638
consensus                                    !!! !!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!** !!* !!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!

logo

NTDB id 211545 BUN12 RS11240 WP 013353395.1  YDLGLVKAVSKLAAQQQERAPFHIRLNTGRFTAALDLDTQLNLYRIIQEFLSNAMKHSQANEVLIMLISIQNKVILHYED   717
NTDB id 91 BSU 31690 NP 391047.2             YDLGLVKALSKLVAQQQERVPFHIRLNTGRFTASLDLDSQLNLYRIIQEFLSNAVKHSQATDVLIMLISIQNKIVLHYED   718
consensus                                    !!!!!!!!*!!! !!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!!*!!!!!! *!!!!!!!!!!!!**!!!!!

logo

NTDB id 211545 BUN12 RS11240 WP 013353395.1  DGVGCNQEEGSGQAMSMGLSGIKERVRALDGRMKIDTSEGNGFKADIEMEL   768
NTDB id 91 BSU 31690 NP 391047.2             DGVGFDQEKNTEHSMSMGLSGIKERVRALDGRLRIETSEGKGFKADIEIEL   769
consensus                                    !!!!* !!   * * !!!!!!!!!!!!!!!!!!!**!*!!!! !!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved