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logo

NTDB id 414 AAK55818.1 838..2187( )     MLDLLKQT.IFTR.DFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLSEVIR   83
NTDB id 20297 DN94 03375 AHX74756.1     MNNSAANIR.SFELALLFLLVFVAV..YFVYLAVRDFKMSKNIRLLNWKVRDLIAGNYSDSILIQGDADLVELGESLNDLSDVFR   82
NTDB id 375 SMU RS06880 WP 002262929.1  MTNVFESSPLFLRILLAVLIILLFF..YFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLSEVFR   83
consensus                               ! **  ** ** ** *********  ****! ***** * *****! !!**!!*! !** * *** ****** ***!!!!*!*!

logo

NTDB id 414 AAK55818.1 838..2187( )     LTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSPELLLDSQDI  168
NTDB id 20297 DN94 03375 AHX74756.1     MAHDNLEQEKNRLASILTYMTDGVLATDRSGKIVMINETAQQQFNLAYDEALSMNIVDMLGSGSPYSFQDLVSKTPEVVLNRRDE  167
NTDB id 375 SMU RS06880 WP 002262929.1  LTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKTPEIVLTRRDE  167
consensus                               ****!!*!!**!! !!!*!!!!!!!!!*!*!*!**!!**!**!*** ****!  *!***!   * !***!!****!!**! **!*

logo

NTDB id 414 AAK55818.1 838..2187( )     NGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALCETVAPDFIKVSLD  253
NTDB id 20297 DN94 03375 AHX74756.1     NGEFVTLRIRFALNRRESGFISGLVAVSHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALNEEVAPSFIKVSLD  252
NTDB id 375 SMU RS06880 WP 002262929.1  YDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGALTESVAPSFIKVSLD  252
consensus                               **!**!!*!!!!!*!!!!!!!!!!!*!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )     ETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE..KEKKYELVRDYPINSIWMEIDTDKMTQVVDNIL  336
NTDB id 20297 DN94 03375 AHX74756.1     ETNRMMRMISDLLSLSRIDNEVTHLDVEMTNFTAFMTSILNRFDQIRNQKTVTGKVYEIVRDYPLKSIWVEIDTDKMTQVIDNIL  337
NTDB id 375 SMU RS06880 WP 002262929.1  ETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQ.STNKVYEIIRDYPDKSVWIEIDTDKMTQVIDNIL  336
consensus                               !!!!!!!!**!!!*!!*!!! **!!!!!**!!!!!***!!*!!!***! !   * !*!!**!!!!**!*!*!!!!!!!!!!*!!!!

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NTDB id 414 AAK55818.1 838..2187( )     NNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGTGLGLSIAKEIIKQHKGFIWAKSEY  421
NTDB id 20297 DN94 03375 AHX74756.1     NNAVKYSPDGGKITVNLRTTKTQMILSISDQGLGIPKKDLPLIFDRFYRVDKARSRQQGGTGLGLSIAKEIVKQHKGFIWAKSEY  422
NTDB id 375 SMU RS06880 WP 002262929.1  NNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGTGLGLAIAKEIVKQHKGFIWANSEE  421
consensus                               !!!*!!!!!!!!!*!* **!!**!*!!!!!!*!!!!!!*!!!*!!!!!!!!!!*!!!!*!!!!!!!!!*!!!!!*!!!!!!!!!*!!*

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NTDB id 414 AAK55818.1 838..2187( )     GKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 20297 DN94 03375 AHX74756.1     GKGSTFTIVLPYDKDAVTYEEWEDVED..   449
NTDB id 375 SMU RS06880 WP 002262929.1  GEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                               !*!!!!!!!!!!!**!**  **!!*****
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X non conserved
X similar
X $\geq$ 50% conserved