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logo
NTDB id 596 KW2 RS08720 WP 021037686.1          MRFLLIKFPLIFLTYLVVLLYFCIFTYNLPL...........LILFICSILLALFRKYYLMIPILIVFAV.FFLLINSL    67
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................................    0
NTDB id 614 LCA RS05330 WP 011374769.1          .....MKNNWI.......YPVICLISLNSLMLGGQSWLTWSLLLLAFVKLISLRQTQITIMTIGLCLVYGGRFWISYHSV    68
consensus                                            **   *           ** * *  *             ** **  * *       * * * ****  ***    **

logo
NTDB id 596 KW2 RS08720 WP 021037686.1          SIRDNENQPKTLSKIELISDTIQVNGDLLS..FQGRMNGQNYQVYDTLKSLKEKKFYQNLSQNCQLSFTGNLQIPETQRN   145
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................................    0
NTDB id 614 LCA RS05330 WP 011374769.1          T....QPQQPVAQYFKVQPDAIQVAGDSVQLTAIGQQDGQTIKAYYRCQTFAEKRRWQQVRHPVLFYGEKDFKRIQGATN   144
consensus                                       *      *        *  * *** ** *     *   **    *    *  *** ****                        *

logo
NTDB id 596 KW2 RS08720 WP 021037686.1          FNGFDDQKYLASQN.IYRQITIQQITNVEIKK...NFDLHTLRRKAIVWTQNHFPKPMSDYMTGLLFGFLSKDFNQMSDI   221
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................................    0
NTDB id 614 LCA RS05330 WP 011374769.1          QNEFDYARFLAQQKRCFYQLTLAKKTTFALRRPSSGLDWLHYWRQTCALYLRKLPTALRFHAQTLLLGLREAQVDHYQVV   224
consensus                                        * **  **** *   * ****   *   ***     *     *          *  *      ** *           *

logo
NTDB id 596 KW2 RS08720 WP 021037686.1          YSSLGIIHLFALSGMQVNFFIDWFRKILLRMGLTREIVNLVQIPFSIFYAFMTGLSVSVLRALF........QKNIRLT   292
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................................    0
NTDB id 614 LCA RS05330 WP 011374769.1          LGHLGIIHLLSLSGLHVFYLVQVIRWCATYCRIPRERLNCMLFGLLPVYALLVGGTTSISRAIALILSRLLCKQLGIRQS   304
consensus                                          ******  **** * * *   *       * ** ** *       ** * * * ** ***          *  ** *

logo
NTDB id 596 KW2 RS08720 WP 021037686.1          SLDNIGVTTLVLMLISPKFLLTTGGQLTLFYAFVISMLNHPFSNLNGLKKVLTESAVLSLCVLPL...LIFDFHIFQPLS   369
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................................    0
NTDB id 614 LCA RS05330 WP 011374769.1          RLDSWSLVLLVNLFWQPYLLHSMGGILSYLMAFALIYIGEGST........FKVAYWLSLLSLPVCLRFNYRWHVLT...   373
consensus                                        **   *  ** *   *  * * ** **   ** *  *    *             ***  ***     * ***

logo
NTDB id 596 KW2 RS08720 WP 021037686.1          ILLTIIFGFLFDFMLLPLLLCCFLISFLGFSLNLNFIFQILEWLVHKVD....LPLHYP...FVLGKPSSLELIILFVLI   442
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   ..........................................................................MTVS    4
NTDB id 614 LCA RS05330 WP 011374769.1          ....IMMNALVTPIYLPIVLGLAIVASVML.PVSNLVVNGCEWLLQLIYKGLGLVVQIPHAMITFGKIPLLPLLLIVTVS   448
consensus                                          **   *   * *****   **  *      * * *  ****  *     * *  *      **   * ********
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logo

NTDB id 596 KW2 RS08720 WP 021037686.1          GLFVD......SFSHKKRRFFLVGFIFLFFFITKNPMRASITAVDIGQGDSIFLQDKFNKENILIDTGGRLALPQKNWQK   516
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   LLLIDGQAISNQWRKRLKRTLASLYLASFLAIHFNP.TGQVVMFDIGQGDSLLIQTPFNRHQLLIDTGGRLALPQAAWQR    83
NTDB id 614 LCA RS05330 WP 011374769.1          LLLIDGQAISNQWRKRLKRTLVSLYLASFLAIHFNP.TGRVVMFDIGQGDSLLIQTPFNRHQLLIDTGGRLALPQAAWQR   527
consensus                                       *!**!*************!**********!**!**!! ** ****!!!!!!!***!**!!****!!!!!!!!!!!!**!!*

logo

NTDB id 596 KW2 RS08720 WP 021037686.1          AQTQSNADKTLIPYLESMGVAHIDQLILTHTDADHVGDFLSLADKIKIREIWVSPGELTNSSFVEKLKKAKIPI..HVSK   594
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   RAQVSRAEKVTVNYLYSQGVDHIDAVALSHQDADHIGDLNQILKQIRVDRIICAAGLPQNRQFQRQIRPFLATVQIEPYL   163
NTDB id 614 LCA RS05330 WP 011374769.1          RAQVSRAEKVTVNYLYSQGVDHIDAVALSHQDADHIGDLNQILKQIRVDRIICAAGLPQNRQFQRQIRPFLATVQIEPYL   607
consensus                                       ****!*!*!****!!*!*!!*!!!***!*!*!!!!*!!*******!****!****!***!**!*****************

logo

NTDB id 596 KW2 RS08720 WP 021037686.1          VGDKIPIFDSFLQVLSNGYTKKGDNNDSIVTYGNFYHTKFLFTGDLEQEGEKKLLQNYPKLQVDVLKVGHHGSKTSSSPE   674
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   AGTAFKVGPQKFNVLAPTKPGKGENSDSLVLQAQIGGASWLFTGDLEQEGERAIIERYPQLTVDYLKVGHHGSETASDPT   243
NTDB id 614 LCA RS05330 WP 011374769.1          AGAAFKVGSQKFNVLAPTKPGKGENSDSLVLQAQIGGASWLFTGDLEQEGERAIIERYPQLTVDYLKVGHHGSKTASDPT   687
consensus                                       *! ***** ****!!******!!*!*!!*!*********!!!!!!!!!!!******!!*!*!!*!!!!!!!!*!*!*!*

logo

NTDB id 596 KW2 RS08720 WP 021037686.1          FIKEIHPKLALISVGKANRYGHPNQETLETLAKYQVKTLRTDQKGAIKLIEVNQQWQ.....IKTVR.   736
NTDB id 1013600 ABVR75 RS06005 WP 353891321.1   VIKKLHLKGALISAGRENRYGHPHQETLTTLQAAKVPYWLTAQQGMLTWSYGPGQSEKLQTTIKDSEK   311
NTDB id 614 LCA RS05330 WP 011374769.1          VIKKLHLKGALISTGRENRYGHPHQETLTTLQAAKVPYWLTAQQGMLTWAYGPGQSEKLQTTIKDSEK   755
consensus                                       *!!**!*!*!!!! !**!!!!!!*!!!!*!!****!****!*!*!*************!*******!!****
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X non conserved

X similar

X $\geq$ 50% conserved