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logo

NTDB id 599 KW2 RS05940 WP 021037268.1          ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVA.QVKSIPNFIEQYKNQDVKKLR    64
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMKRI.GPRTVLKLQKRWPDLNLMFQLSSV........DLEEAGLPSWLAQTIKNFDPDFIKTDL.NWL    70
NTDB id 984289 MKY11 RS07760 WP 342501986.1    MYNVSERMIFHRLKGLISPSLLTKWWKVDPELYINEETHHFKQ.....DRLLQKIDFTRLQQAEENEFPIFQHIVQ.AYL    74
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQTV........TRDQIKAAALKNEIEQFYPKLPRVLA.AYR    71
consensus                                       * **   * * *** ***********!*** * **  ** *          ***    * * ******** * **** **

logo

NTDB id 599 KW2 RS05940 WP 021037268.1          ADYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLA   142
NTDB id 1250 GC085 RS13065 WP 027219989.1       SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLA   149
NTDB id 984289 MKY11 RS07760 WP 342501986.1    ..KQNIHMVPITSPLYPSSLKHIYDPPPVLFLKGNVTYLNEEKSLGVVGTRVPSSYGEACVKKLVGELVEEDWMIVSGLA   152
NTDB id 114 BSU 16110 NP 389493.1               ..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLA   149
consensus                                         **** *******!!   !**!**!! *****!****!** * ***!!*!*** *!    * ****!* * ** !!!!!!

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NTDB id 599 KW2 RS05940 WP 021037268.1          KGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVE   222
NTDB id 1250 GC085 RS13065 WP 027219989.1       LGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
NTDB id 984289 MKY11 RS07760 WP 342501986.1    KGIDGLAHKECIRKKGKTIGVVAGGFQHVYPKEHVQMAQYMGEHHLLLSEHPPYIKPEKWHFPMRNRLISALTRGTIVVQ   232
NTDB id 114 BSU 16110 NP 389493.1               SGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQ   229
consensus                                       *!!!** !*********!!*!** !* **!!**** ****** ****!!!*** **!***!!!*!!!*!**!*****!*

logo

NTDB id 599 KW2 RS05940 WP 021037268.1          AKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.....................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENL   309
NTDB id 984289 MKY11 RS07760 WP 342501986.1    CKEKSGSLITAYQALEQGKEVFAVAGSIFDSNSIGPARLIQQGAKLVHSTKDILEEFSLSGVQYTELP............   300
NTDB id 114 BSU 16110 NP 389493.1               GKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF............   297
consensus                                       ****!!!!!!***!!!******!**!*****    !  *!*!!!!!***** !***!* *   *****

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                                                VKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 599 KW2 RS05940 WP 021037268.1          ....................................................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       VKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 984289 MKY11 RS07760 WP 342501986.1    ....................................................   300
NTDB id 114 BSU 16110 NP 389493.1               ....................................................   297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved