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logo
NTDB id 599 KW2 RS05940 WP 021037268.1          ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQ.VKSIPNFIEQYKNQDVKKLR    64
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMKRI.GPRTVLKLQKRWPDLNLMFQLSS........VDLEEAGLPSWLAQTIKNFDPDFIKTDL.NWL    70
NTDB id 153452 AKO65 RS15665 WP 008344822.1     MYNVSERMIFHRLKGLISPSLLTKWWKVDPELYINEETHH....FKQDRSLQK.IDFTRLQQAEENEFPIFQHIVQ.AYL    74
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQ....T...VTRDQ.IKAAALKNEIEQFYPKLPRVLA.AYR    71
consensus                                       * **   * * *** ***********!*** * **  **     *   *****    * * ******** * **** **

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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 153452 AKO65 RS15665 WP 008344822.1     ..KQNIHMIPITSPLYPSSLKHIYDPPPVLFLKGNVTYLNEEKSLGVVGTRVPTSYGEACVKKIVGELVEEDWMIVSGLA   152
NTDB id 114 BSU 16110 NP 389493.1               ..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLA   149
consensus                                         **** *******!!   !**!**!! *****!****!** * ***!!*!*** *!    * ****!* * ** !!!!!!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          KGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVE   222
NTDB id 1250 GC085 RS13065 WP 027219989.1       LGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
NTDB id 153452 AKO65 RS15665 WP 008344822.1     KGIDGLAHKECIRKKGKTIGVVAGGFQHVYPKEHVQMAQYMGEHHLLLSEHPPYIKPEKWHFPMRNRLISALTRGTIVVQ   232
NTDB id 114 BSU 16110 NP 389493.1               SGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQ   229
consensus                                       *!!!** !*********!!*!** !* **!!**** ****** ****!!!*** **!***!!!*!!!*!**!*****!*

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NTDB id 599 KW2 RS05940 WP 021037268.1          AKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.....................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENL   309
NTDB id 153452 AKO65 RS15665 WP 008344822.1     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 153452 AKO65 RS15665 WP 008344822.1     ....................................................   300
NTDB id 114 BSU 16110 NP 389493.1               ....................................................   297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved