```
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 385107 EVS87 RS07915 WP 135008910.1    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 385107 EVS87 RS07915 WP 135008910.1    ..KQNIHMVPITSPLYPSSLKHIYDPPPVLFLKGNVTYLNEEKSLGVVGTRVPSSYGEACVKKLVGELVEEDWMIVSGLA  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 385107 EVS87 RS07915 WP 135008910.1    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 385107 EVS87 RS07915 WP 135008910.1    CKEKSGSLITAYQALEQGKEVFAVAGSIFDSNSIGPARLIQQGAKLVYSTKDILEEFSLSGVQYTELP............  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 385107 EVS87 RS07915 WP 135008910.1    ....................................................  300
NTDB id 114 BSU 16110 NP 389493.1               ....................................................  297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved