```
logo
NTDB id 599 KW2 RS05940 WP 021037268.1          ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRA   65
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMKRI.GPRTVLKLQKRWPDLNLMFQLS....SVD..L.EEAGLPSWLAQTIKNFDPDFIKTDLNW.LS   71
NTDB id 1092848 ACK25W RS07570 WP 106061506.1  MYNVSERMIFHRLKGLISPSLLTKWWKVDPELYINEETQ....HFKQDRSLQTIDFTRLKQAEENEFPIFQHIVQAY...   73
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVL....QT...VTRDQIKAAALKNEIEQFYPKLPRVLAAY...   70
consensus                                       * **   * * *** ***********!*** * **  **     **  ******  ************ * ******

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          DYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAK   143
NTDB id 1250 GC085 RS13065 WP 027219989.1       SSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL   150
NTDB id 1092848 ACK25W RS07570 WP 106061506.1  LKQNIHMIPITSPLYPSTLKHIYDPPPVLFLKGNISYLNEEKSLGVVGTRVPSSYGEACVKKIVGELVKEDWTIVSGLAK   153
NTDB id 114 BSU 16110 NP 389493.1               REQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLAS   150
consensus                                         **** *******!!   !**!**!! *****!****!** * ***!!*!*** *!    * ****!* * ***!!!!!!*

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          GIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVEA   223
NTDB id 1250 GC085 RS13065 WP 027219989.1       GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEA   230
NTDB id 1092848 ACK25W RS07570 WP 106061506.1  GIDGLAHKECIRNKGKTIGIIAGGFQHLYPKEHVQMAQYMGEHHLLLSEHPPYVKPEKWHFPMRNRLISALTSGTIVIQC   233
NTDB id 114 BSU 16110 NP 389493.1               GIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQG   230
consensus                                       !!!** !*********!!**** !* **!!**** ****** ****!!!*** **!***!!!*!!!*!**!* ***!* *

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          KLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.....................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLV   310
NTDB id 1092848 ACK25W RS07570 WP 106061506.1  KEKSGSLITAYQALEQGKEVFAVAGSIFDPNSTGPARLIQQGAKLVHSTKDILEEFSFHSVQYTELS.............   300
NTDB id 114 BSU 16110 NP 389493.1               KEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF............   297
consensus                                       ***!!!!!!***!!!******!**!*****    !  *!*!!!!!***** !***!* *   *****

logo
NTDB id 599 KW2 RS05940 WP 021037268.1          KFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       KFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1092848 ACK25W RS07570 WP 106061506.1  ..................................................   300
NTDB id 114 BSU 16110 NP 389493.1               ..................................................   297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved