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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 292655 DKE43 RS04010 WP 034662389.1 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 292655 DKE43 RS04010 WP 034662389.1 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 292655 DKE43 RS04010 WP 034662389.1 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 292655 DKE43 RS04010 WP 034662389.1 KEKSGSLITAYQALEQGKEVFAVAGSIFDPNSTGPARLIQQGAKLVHSTKDILEEFSFRSVQYTELS.............   300
NTDB id 114 BSU 16110 NP 389493.1           KEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF.............   297
consensus                                   ***!!!!!!***!!!******!**!*****    !  *!*!!!!!***** !***!* ** *****

logo

                                            KFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 599 KW2 RS05940 WP 021037268.1      ..................................................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1   KFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 292655 DKE43 RS04010 WP 034662389.1 ..................................................   300
NTDB id 114 BSU 16110 NP 389493.1           ..................................................   297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved