```
logo
NTDB id 599 KW2 RS05940 WP 021037268.1        ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLRA   65
NTDB id 319367 D9C11 RS20615 WP 069837509.1   MDQAAACLSICRINQLLSPSHLLKWWKADPSMSLTSPVLQTVTR.......DQIK....AAALKNEIEQLYP.KLQRVLA   68
NTDB id 114 BSU 16110 NP 389493.1             MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQTVTR.......DQIK....AAALKNEIEQFYP.KLPRVLA   68
consensus                                     ***** ***************** !**!*!!**********!*****        *!**     *****!*!!!*** ** ***!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1        DY..KKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTE.LNQSFTIVSGL   141
NTDB id 319367 D9C11 RS20615 WP 069837509.1   AYREQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKDWVIVSGL   148
NTDB id 114 BSU 16110 NP 389493.1             AYREQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGL   148
consensus                                     *!*********!****!!**!**!!*!!***!**!***!!****!***!!*!*****!***!*****!****  **!!!!!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1        AKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVV   221
NTDB id 319367 D9C11 RS20615 WP 069837509.1   ASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVV   228
NTDB id 114 BSU 16110 NP 389493.1             ASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVV   228
consensus                                     !*!!!**!!***!!*!**!!*!!**!****!!*!!*******!!****!!!*****!!*!*!!!!*!!!!!*!!!*!!*!!

logo
NTDB id 599 KW2 RS05940 WP 021037268.1        EAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN........   282
NTDB id 319367 D9C11 RS20615 WP 069837509.1   QGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
NTDB id 114 BSU 16110 NP 389493.1             QGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
consensus                                     **!**!!!!!!***!!!*!!**!!*!!***!****!***!!!!!!!****!*!!*!!************
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X non conserved

X similar

X $\geq$ 50% conserved