```
logo

NTDB id 245540 CLD04 RS09385 WP 017694865.1   MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQTVTR........DQIK....AAALKNEIEQLYP.KLQRVL   67
NTDB id 114 BSU 16110 NP 389493.1             MDQAAVCLTICRINQLLSPSLLLKWWKADPSMSLTSPVLQTVTR........DQIK....AAALKNEIEQFYP.KLPRVL   67
NTDB id 599 KW2 RS05940 WP 021037268.1        ...............MITNFDLFRWKKAGMT.NLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDVKKLR   64
consensus                                     *********************!**!*!!*****!****!****!         *!**    *****!*!!!*** ** ***

logo

NTDB id 245540 CLD04 RS09385 WP 017694865.1   AAYREQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKDWVIVSG   147
NTDB id 114 BSU 16110 NP 389493.1             AAYREQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSG   147
NTDB id 599 KW2 RS05940 WP 021037268.1        ADY..KKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTE.LNQSFTIVSG   140
consensus                                     !*!*********!****!!**!**!!*!!***!**!***!!****!***!!*!*****!***!*****!****  **!!!!

logo

NTDB id 245540 CLD04 RS09385 WP 017694865.1   LASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIV   227
NTDB id 114 BSU 16110 NP 389493.1             LASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIV   227
NTDB id 599 KW2 RS05940 WP 021037268.1        LAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVV   220
consensus                                     !!*!!!**!!***!!*!**!!*!!**!****!!*!!*******!!****!!!*****!!*!*!!!*!!!!!*!!!*!!*!

logo

NTDB id 245540 CLD04 RS09385 WP 017694865.1   VQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
NTDB id 114 BSU 16110 NP 389493.1             VQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
NTDB id 599 KW2 RS05940 WP 021037268.1        VEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN........   282
consensus                                     !**!**!!!!!!***!!!*!!**!!*!!***!****!***!!!!!!!****!*!!*!!************
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X non conserved

X similar

X ≥ 50% conserved