```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 599 KW2 RS05940 WP 021037268.1          ...............MITNFDL....FRWKKAG.MTNLGVNKLLKFFRKYDRKISLRQMGQVAQVKSIPNFIEQYKNQDV    60
NTDB id 1250 GC085 RS13065 WP 027219989.1       MNNLQPLLALNRMKR.IGPRTVLKLQKRWPDLNLMFQLSSVDLEEA........G....LPSWLAQTIKNFDPDFIKTDL    67
NTDB id 1026765 AB3470 RS08675 WP 014479775.1  MDQAAACLTICRINQLLSPSLLL....KWWKADPSMSLTSPVLQTV........TRDQIKAAALKNEIEQFYPKLPRVLA    68
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLL....KWWKADPSMSLTSPVLQTV........TRDQIKAAALKNEIEQFYPKLPRVLA    68
consensus                                       ***** ****************    *!***** **!****!***        *************!**!******* *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 599 KW2 RS05940 WP 021037268.1          KKLLRADYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIV   138
NTDB id 1250 GC085 RS13065 WP 027219989.1       .NWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIV   145
NTDB id 1026765 AB3470 RS08675 WP 014479775.1  .AYR..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIV   145
NTDB id 114 BSU 16110 NP 389493.1               .AYR..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIV   145
consensus                                        ***  *************!!**!* !**!!******!****!********!!*!*****!*********!*******!!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 599 KW2 RS05940 WP 021037268.1          SGLASGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGV   218
NTDB id 1250 GC085 RS13065 WP 027219989.1       SGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCI   225
NTDB id 1026765 AB3470 RS08675 WP 014479775.1  SGLASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGV   225
NTDB id 114 BSU 16110 NP 389493.1               SGLASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGV   225
consensus                                       !!!!*!!!***! ********!!*!** !* **!!**** ***********!!!******!***!!!*!!!!!*!!!***
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 599 KW2 RS05940 WP 021037268.1          VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       LVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASG   305
NTDB id 1026765 AB3470 RS08675 WP 014479775.1  IVVQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF........   297
NTDB id 114 BSU 16110 NP 389493.1               IVVQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF........   297
consensus                                       *!* ****!!!!!!***!!!**!***!*!!********! **!*!!!!! *****!* *!************
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                KENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 599 KW2 RS05940 WP 021037268.1          ..........................................................   282
NTDB id 1250 GC085 RS13065 WP 027219989.1       KENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1026765 AB3470 RS08675 WP 014479775.1  ..........................................................   297
NTDB id 114 BSU 16110 NP 389493.1               ..........................................................   297
consensus
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X non conserved

X similar

X $\geq$ 50% conserved