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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 1003878 ABGT20 RS08910 WP 014479775.1   MDQAAACLTICRINQLLSPSLLL....KWWKADPSMSLTSPVLQTV........TRDQIKAAALKNEIEQFYPKLPRVLA    68
NTDB id 114 BSU 16110 NP 389493.1               MDQAAVCLTICRINQLLSPSLLL....KWWKADPSMSLTSPVLQTV........TRDQIKAAALKNEIEQFYPKLPRVLA    68
consensus                                       ***** ****************    *!***** **!****!***        *************!**!******* *

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NTDB id 599 KW2 RS05940 WP 021037268.1          KKLLADSEKFHIFSWDDDLL AL RE AN FTTYYQ ETDA KN PS AF GS LA QS IENAQAFSR LNIHSFS IV    138
NTDB id 1250 GC085 RS13065 WP 027219989.1       .NWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHGVSIV    145
NTDB id 1003878 ABGT20 RS08910 WP 014479775.1   .AYR..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIV    145
NTDB id 114 BSU 16110 NP 389493.1               .AYR..EQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIV    145
consensus                                        ***  *************!!**!* !**!!******!****!********!!*!*****!*********!*******!!

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NTDB id 599 KW2 RS05940 WP 021037268.1          SGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGV    218
NTDB id 1250 GC085 RS13065 WP 027219989.1       SGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCI    225
NTDB id 1003878 ABGT20 RS08910 WP 014479775.1   SGLASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGV    225
NTDB id 114 BSU 16110 NP 389493.1               SGLASGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGV    225
consensus                                       !!!!*!!!***! ********!!*!** !* **!!**** ***********!!!******!***!!!*!!!!!*!!!***

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NTDB id 599 KW2 RS05940 WP 021037268.1          VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.................    282
NTDB id 1250 GC085 RS13065 WP 027219989.1       LVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASG    305
NTDB id 1003878 ABGT20 RS08910 WP 014479775.1   IVVQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF........    297
NTDB id 114 BSU 16110 NP 389493.1               IVVQGKEKSGSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF........    297
consensus                                       *!* ****!!!!!!***!!!**!***!*!!********! **!*!!!!! *****!* *!*************

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                                                KENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER
NTDB id 599 KW2 RS05940 WP 021037268.1          ..........................................................    282
NTDB id 1250 GC085 RS13065 WP 027219989.1       KENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER    361
NTDB id 1003878 ABGT20 RS08910 WP 014479775.1   ..........................................................    297
NTDB id 114 BSU 16110 NP 389493.1               ..........................................................    297
consensus
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X non conserved

X similar

X ≥ 50% conserved