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logo
NTDB id 407 SMU RS04605 WP 002262865.1        ................MDNFQLFKLKKAGLTNLNILNIIDYEERTQKSLSLRDMAVV.........SKNKKPLIFMEHYKNLDSK   60
NTDB id 599 KW2 RS05940 WP 021037268.1        ................MITNFDLFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQMGQV.........AQVKSIPNFIEQYKNQDVK   61
NTDB id 420452 M654 RS11015 WP 026586953.1    MTVSSELLILLRLRGALSPSLLSKWWR..................TDPSLSLSDKKNHPLTRLSGKALDLSPIRKLVEQELP.NVK   67
NTDB id 114 BSU 16110 NP 389493.1             MDQAAVCLTICRINQLLSPSLLLKWWK..................ADPSMSLTSPVLQTVTR...DQIKAAALKNEIEQFYP.KLP   64
consensus                                     *      * * **  **** *!*** ******* *  ** *  ******!!**** * ***     **** *****!**** ***

logo
NTDB id 407 SMU RS04605 WP 002262865.1        ALRKEF..NRFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKIIQDLS.KQFVIISGLA   141
NTDB id 599 KW2 RS05940 WP 021037268.1        KLRADY..KKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLA   142
NTDB id 420452 M654 RS11015 WP 026586953.1    HLIKSYQAAGVDMLAISSPEYPPSLKTIHDPPPVLFLKGNQQLLRVHRRIGIVGTRRPTLYGKRAAIYYVKELSKKGWTIVSGLA   152
NTDB id 114 BSU 16110 NP 389493.1             RVLAAYREQGINTIPISSKQYPFWLKSIYDPPAVLFAKGDMTLLSKGRKIGIVGTRNPTAYGKQVVNHLTKEICRKGWVIVSGLA   149
consensus                                     *** **  *** ***!  **!!  !**!* !!***!* ! **!!** *****!!*!*****!*************** !*!!!!

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NTDB id 407 SMU RS04605 WP 002262865.1        RGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRS   226
NTDB id 599 KW2 RS05940 WP 021037268.1        KGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRS   227
NTDB id 420452 M654 RS11015 WP 026586953.1    KGIDGLSHHESIRSNGATIGVIAGGFSHIYPRENRFLADQMAADHLLVSEHPPETRPQKWHFPMRNRLISGLTEGVIIVQGKERS   237
NTDB id 114 BSU 16110 NP 389493.1             SGIDGMSHAASIKAKGRTIGVIAGGFQHIYPRENLQLADHMAKHHILLSEHPPETKPQKWHFPMRNRIISGLSEGVIVVQGKEKS   234
consensus                                     *!!! **!*********!!*!!* ! ***!!*!!*** ***!* ****!!******! !*!!! !!!*! !!**!!*** *!**!

logo
NTDB id 407 SMU RS04605 WP 002262865.1        GSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.........   280
NTDB id 599 KW2 RS05940 WP 021037268.1        GSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN........   282
NTDB id 420452 M654 RS11015 WP 026586953.1    GSLITAYQALEEGREVFAVPGSIFDANSLGPARLIQEGAKLAFDIDDILSELPPSNVQ.....   295
NTDB id 114 BSU 16110 NP 389493.1             GSLITAYQALEQGREVFAVPGSLFDPYAGGPIKLIQQGAKAIWSAEDIFEELPERNVQYTEPF   297
consensus                                     !!!!!*  !*!*!!**!**!! **!****!  *!!! !!!******!!**!*** ***
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X non conserved

X similar

X ≥ 50% conserved