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logo
NTDB id 1250 GCO85 RS13065 WP 027219989.1   ..MNNLQPLLALNRMKRIGP.....RTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSENHHI   78
NTDB id 599 KW2 RS05940 WP 021037268.1     .MITNFD....LFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKLRADYKKFS......S   72
NTDB id 525 SMSK321 RS06295 WP 000705298.1 MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLEKEFKKIP......S   73
NTDB id 267 KZH43 RS05590 WP 000705306.1   MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP......S   73
NTDB id 226 SPD RS05990 WP 000705306.1     MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP......S   73
NTDB id 192 SPR RS05715 WP 000705306.1     MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP......S   73
NTDB id 157 SP RS06205 WP 000705306.1      MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQKFP......S   73
NTDB id 497 SM12261 RS05565 WP 000705318.1 MKITNYE....IYKLKKSGLTNQQVLAVLEYGENVDQELLLGDI..AEISGCRNPAVFMERYFQIDDAHLEKEFQKFP......S   73
NTDB id 59931 L897 RS04285 WP 002995009.1 ..MNHFE....LYKLKKAGLTNKNILNILDYQEHQEKSLSLRDM..AVVSGCKHPSHFIEAYKQLDIQKLKIEFKQFP......S   71
NTDB id 407 SMU RS04605 WP 002262865.1    ..MDNFQ....LFKLKKAGLTNLNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRKEFNRFP......S   71
consensus                                  *******    ****!**!************************  ********************!****  *******      *

logo
NTDB id 1250 GCO85 RS13065 WP 027219989.1   LTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAHAHLGCLEG   163
NTDB id 599 KW2 RS05940 WP 021037268.1     FSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQ.SFTIVSGLAKGIDTASHLSAIKT   156
NTDB id 525 SMSK321 RS06295 WP 000705298.1 FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 267 KZH43 RS05590 WP 000705306.1   FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 226 SPD RS05990 WP 000705306.1     FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 192 SPR RS05715 WP 000705306.1     FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 157 SP RS06205 WP 000705306.1      FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 497 SM12261 RS05565 WP 000705318.1 FSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVSGLAKGIDTAAHMAALQN   157
NTDB id 59931 L897 RS04285 WP 002995009.1 ISILDKHYPMALKEIYNPPVLLFFQGNLDLLEKPKLAIVGSRRSSDTGVKSVRKILKELGN.RFVIVSGLARGIDTSAHLACLKN   155
NTDB id 407 SMU RS04605 WP 002262865.1    LSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSK.QFVIISGLARGIDTAAHLASLKS   155
consensus                                  *******!!**!**!***!******!****!**!**!*!!!!*****!************* ***!*!!!!*!!!***!******

logo
NTDB id 1250 GCO85 RS13065 WP 027219989.1   GGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKSGSLITARMALEQNR   248
NTDB id 599 KW2 RS05940 WP 021037268.1     KTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITCERALEEGR   241
NTDB id 525 SMSK321 RS06295 WP 000705298.1 GGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 267 KZH43 RS05590 WP 000705306.1   GGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 226 SPD RS05990 WP 000705306.1     GGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 192 SPR RS05715 WP 000705306.1     GGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 157 SP RS06205 WP 000705306.1      GGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 497 SM12261 RS05565 WP 000705318.1 GGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITCERAMEEGR   242
NTDB id 59931 L897 RS04285 WP 002995009.1 GGQTIAIIGTGLDRFYPKENRELQTFLGKNHLVLTEYGPGEEALSYHFPERNRIIAGLSRGILVVEAKNRSGSLITCQICIEEGR   240
NTDB id 407 SMU RS04605 WP 002262865.1    GGATIAVIGTGLDVHYPKENRRLQDYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLITCERAMEEGR   240
consensus                                  ***!!!**!!!*!**!!***************!*!*!**********!!!*!!!!!*!!*****!*!!***!!!!!!*****!**!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1250 GCO85 RS13065 WP 027219989.1   DVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQ   333
NTDB id 599 KW2 RS05940 WP 021037268.1      DIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.......................................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1  DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1    DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 226 SPD RS05990 WP 000705306.1      DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 192 SPR RS05715 WP 000705306.1      DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 157 SP RS06205 WP 000705306.1       DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1  DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.......................................   282
NTDB id 59931 L897 RS04285 WP 002995009.1   DIFAVPGNILDGKSEGCLQLIKEGATCVTSGMDILSEY..........................................   278
NTDB id 407 SMU RS04605 WP 002262865.1      DVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF........................................   280
consensus                                   !****!!*!******!!**!***!!*******!*!*!***

logo

NTDB id 1250 GCO85 RS13065 WP 027219989.1   VTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 599 KW2 RS05940 WP 021037268.1      ............................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1  ............................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1    ............................   282
NTDB id 226 SPD RS05990 WP 000705306.1      ............................   282
NTDB id 192 SPR RS05715 WP 000705306.1      ............................   282
NTDB id 157 SP RS06205 WP 000705306.1       ............................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1  ............................   282
NTDB id 59931 L897 RS04285 WP 002995009.1   ............................   278
NTDB id 407 SMU RS04605 WP 002262865.1      ............................   280
consensus
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X non conserved
X similar
X ≥ 50% conserved