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logo
NTDB id 1361 HI 0985 AAC22646.1                  ..MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDD.............VAFRQMGWGAIQIRRWFKPEAKFIEP   65
NTDB id 1250 GC085 RS13065 WP 027219989.1        ..MNNLQ.PLLALNRMKR...IG........PRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKT   65
NTDB id 316715 D6869 RS06405 WP 011835152.1      .MITNFD.....LFRWKK...AGMI....NLGVNKLLKFFHKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKLRI   65
NTDB id 599 KW2 RS05940 WP 021037268.1           .MITNFD.....LFRWKK...AGMT....NLGVNKLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKLRA   65
NTDB id 407 SMU RS04605 WP 002262865.1           ..MDNFQ.....LFKLKK...AGLT....NLNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRK   64
NTDB id 525 SMSK321 RS06295 WP 000705298.1       MKITNYE.....IYKLKK...SGLT....NQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLEK   66
NTDB id 267 KZH43 RS05590 WP 000705306.1         MKITNYE.....IYKLKK...SGLT....NQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK   66
NTDB id 226 SPD RS05990 WP 000705306.1           MKITNYE.....IYKLKK...SGLT....NQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK   66
NTDB id 192 SPR RS05715 WP 000705306.1           MKITNYE.....IYKLKK...SGLT....NQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK   66
NTDB id 157 SP RS06205 WP 000705306.1            MKITNYE.....IYKLKK...SGLT....NQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK   66
NTDB id 497 SM12261 RS05565 WP 000705318.1       MKITNYE.....IYKLKK...SGLT....NQQVLAVLEYGENVDQELLLGDI..AEISGCRNPAVFMERYFQIDDAHLEK   66
consensus                                        *******     ******   *!**    **********************   ************************ *

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NTDB id 1361 HI 0985 AAC22646.1                  ALVWS.QKEGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTIT   144
NTDB id 1250 GC085 RS13065 WP 027219989.1        DLNWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIV   145
NTDB id 316715 D6869 RS06405 WP 011835152.1      DYKKF......SSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKAVQKIVTELN.QSFTIV   138
NTDB id 599 KW2 RS05940 WP 021037268.1           DYKKF......SSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIV   138
NTDB id 407 SMU RS04605 WP 002262865.1           EFNRF......PSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLS.KQFVII   137
NTDB id 525 SMSK321 RS06295 WP 000705298.1       EFKKI......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLE.NELVIV   139
NTDB id 267 KZH43 RS05590 WP 000705306.1         EFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIV   139
NTDB id 226 SPD RS05990 WP 000705306.1           EFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIV   139
NTDB id 192 SPR RS05715 WP 000705306.1           EFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIV   139
NTDB id 157 SP RS06205 WP 000705306.1            EFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIV   139
NTDB id 497 SM12261 RS05565 WP 000705318.1       EFQKF......PSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIV   139
consensus                                        *****       *********!!**!******!******!****!*****!*!!!!  ****!************  ****!*

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NTDB id 1361 HI 0985 AAC22646.1                  SGLALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVG   224
NTDB id 1250 GC085 RS13065 WP 027219989.1        SGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQI.TENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLC   224
NTDB id 316715 D6869 RS06405 WP 011835152.1      SGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYL.AKNQLVLSEYSLGEKPLKYHFPERNRIIAGLSRG   217
NTDB id 599 KW2 RS05940 WP 021037268.1           SGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYL.AKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRG   217
NTDB id 407 SMU RS04605 WP 002262865.1           SGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYI.AKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQG   216
NTDB id 525 SMSK321 RS06295 WP 000705298.1       SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.SNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
NTDB id 267 KZH43 RS05590 WP 000705306.1         SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
NTDB id 226 SPD RS05990 WP 000705306.1           SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
NTDB id 192 SPR RS05715 WP 000705306.1           SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
NTDB id 157 SP RS06205 WP 000705306.1            SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
NTDB id 497 SM12261 RS05565 WP 000705318.1       SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG   218
consensus                                        !!!!*!!!***!*********!!!!*!*!****!!**********  *******!!******!***!!*!!!!!*!!***
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logo
NTDB id 1361 HI 0985 AAC22646.1              TLVVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAV   304
NTDB id 1250 GC085 RS13065 WP 027219989.1    ILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN.......K   297
NTDB id 316715 D6869 RS06405 WP 011835152.1 VVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN................   282
NTDB id 599 KW2 RS05940 WP 021037268.1      VVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN................   282
NTDB id 407 SMU RS04605 WP 002262865.1       VMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1   VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1     VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
NTDB id 226 SPD RS05990 WP 000705306.1       VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
NTDB id 192 SPR RS05715 WP 000705306.1       VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
NTDB id 157 SP RS06205 WP 000705306.1        VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1   VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.................   282
consensus                                    **!*!!***!!!!!!***!*!**!*****!!*!******!!**!***!!*******!*!*****

logo
NTDB id 1361 HI 0985 AAC22646.1              PNYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1    PI........FSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 316715 D6869 RS06405 WP 011835152.1 ..............................................................................   282
NTDB id 599 KW2 RS05940 WP 021037268.1      ..............................................................................   282
NTDB id 407 SMU RS04605 WP 002262865.1       ..............................................................................   280
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
consensus
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X non conserved

X similar

X ≥ 50% conserved