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logo

NTDB id 1043 HON27 RS16615 WP 168727007.1     MLTQLSSHQYHTL...KVWYLVQHSLVSFKKIIDYFGNCEKATQPDGL..AKWSSLGLHANHLKRVNEFQTPQGQAQFEQ   75
NTDB id 1073 ABD1 RS00865 WP 015451369.1      MLTQLSSHHYHTL...KVWYLVQHSLVSFKKIIDYFGNCEKATQPDGL..AKWSSLGLHANHLKRVNEFQTTQGQAQFEQ   75
NTDB id 1250 GC085 RS13065 WP 027219989.1     ......MNNLQPLLALNRMKRIGP.....RTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNW   69
NTDB id 599 KW2 RS05940 WP 021037268.1        .....MITNFD....LFRWKKAGMTNLGVNKLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKLRADYKK   69
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ....MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLEKEFKK   70
NTDB id 267 KZH43 RS05590 WP 000705306.1      ....MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 226 SPD RS05990 WP 000705306.1        ....MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 192 SPR RS05715 WP 000705306.1        ....MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 157 SP RS06205 WP 000705306.1         ....MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSKEFQK   70
NTDB id 497 SM12261 RS05565 WP 000705318.1    ....MKITNYE....IYKLKKSGLTNQQVLAVLEYGENVDQELLLGDI..AEISGCRNPAVFMERYFQIDDAHLEKEFQK   70
NTDB id 341810 ETT57 RS04780 WP 136095869.1  ......MNHFE....LYKLKKAGLTNKSILNILDYQEHQEKSLSLRDM..AVVSGCKHPSHFIEAYKQLDIQKLKMEFKQ   68
NTDB id 407 SMU RS04605 WP 002262865.1        ......MDNFQ....LFKLKKAGLTNLNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRKEFNR   68
consensus                                         * *****    ****** **** ******** ** *  *** **  ******* ******** ***    * *****

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NTDB id 1043 HON27 RS16615 WP 168727007.1     LVQQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISS   155
NTDB id 1073 ABD1 RS00865 WP 015451369.1      LVQQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISS   155
NTDB id 1250 GC085 RS13065 WP 027219989.1     LSS...SENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVS   146
NTDB id 599 KW2 RS05940 WP 021037268.1        FS.........SFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQ.SFTIVS   139
NTDB id 525 SMSK321 RS06295 WP 000705298.1    IP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLEN.ELVIVS   140
NTDB id 267 KZH43 RS05590 WP 000705306.1      FP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVS   140
NTDB id 226 SPD RS05990 WP 000705306.1        FP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVS   140
NTDB id 192 SPR RS05715 WP 000705306.1        FP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVS   140
NTDB id 157 SP RS06205 WP 000705306.1         FP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVS   140
NTDB id 497 SM12261 RS05565 WP 000705318.1    FP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIVS   140
NTDB id 341810 ETT57 RS04780 WP 136095869.1  FP.........SISILDKHYPMALKEIYNSPVLLFFQGNLDLLEKPKLAIVGSRRSSDTGVKSVRKILKELGN.RFVIVS   138
NTDB id 407 SMU RS04605 WP 002262865.1        FP.........SLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSK.QFVIIS   138
consensus                                     **         ******* !! *! **** !******!****!* !**!*!!!!  *  ! *** **** * *  **!*!

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NTDB id 1043 HON27 RS16615 WP 168727007.1     GLAYGIDEAAHQGAS.THQRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGV   234
NTDB id 1073 ABD1 RS00865 WP 015451369.1      GLAYGIDEAAHQGAS.AHQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGV   234
NTDB id 1250 GC085 RS13065 WP 027219989.1     GLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQ.ITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCI   225
NTDB id 599 KW2 RS05940 WP 021037268.1        GLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEY.LAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGV   218
NTDB id 525 SMSK321 RS06295 WP 000705298.1    GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.ISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 267 KZH43 RS05590 WP 000705306.1      GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 226 SPD RS05990 WP 000705306.1        GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 192 SPR RS05715 WP 000705306.1        GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 157 SP RS06205 WP 000705306.1         GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 497 SM12261 RS05565 WP 000705318.1    GLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDY.IGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGV   219
NTDB id 341810 ETT57 RS04780 WP 136095869.1  GLARGIDTSAHLACLKNGGQTIAIIGTGLDRFYPKENRELQTF.LGKNHLVLTEYGPGEEALSYHFPERNRIIAGLSRGI   217
NTDB id 407 SMU RS04605 WP 002262865.1        GLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDY.IAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGV   217
consensus                                     !!!*!!!***!**** ****!!!**!!!*!**!!* ******* *** *****!**********!!! !!!!**!! ***
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NTDB id 1043 HON27 RS16615 WP 168727007.1     LVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEETNT   314
NTDB id 1073 ABD1 RS00865 WP 015451369.1      LVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEEANT   314
NTDB id 1250 GCO85 RS13065 WP 027219989.1     LVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKP.......   298
NTDB id 599 KW2 RS05940 WP 021037268.1        VVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1    IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1      IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 226 SPD RS05990 WP 000705306.1        IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 192 SPR RS05715 WP 000705306.1        IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 157 SP RS06205 WP 000705306.1         IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1    IVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..................   282
NTDB id 341810 ETT57 RS04780 WP 136095869.1  LVVEAKNRSGSLITCQIGIEEGRDIFAVPGNILDGKSEGCLQLIKEGATCVTSGMDILSEY.....................   278
NTDB id 407 SMU RS04605 WP 002262865.1        MVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF..................   280
consensus                                     *!*!!***!!!!!*****!*******!!*!******!!**!***!!**********  **  *

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NTDB id 1043 HON27 RS16615 WP 168727007.1     NTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1      NTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1250 GCO85 RS13065 WP 027219989.1     .IFSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   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 341810 ETT57 RS04780 WP 136095869.1   ........................................................................   278
NTDB id 407 SMU RS04605 WP 002262865.1        ........................................................................   280
consensus
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X non conserved

X similar

X ≥ 50% conserved