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logo
NTDB id 1073 ABD1 RS00865 WP 015451369.1     MLTQLSSHHYHTLKVWY...LVQH......SLVSFKKIIDYFGNCEKATQPDGL..AKWSSLGLHANHLKRVNEFQTTQG    69
NTDB id 1361 HI 0985 AAC22646.1              ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDD.....VAFRQ........MGWGAIQIRRWFKPEAKFI    63
NTDB id 1250 GC085 RS13065 WP 027219989.1    ....MNNLQ.PLLALNR...MKRIG.........PRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFI    63
NTDB id 599 KW2 RS05940 WP 021037268.1       ...MITNFD.....LFR...WKKAGM....TNLGVNKLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKL    63
NTDB id 525 SMSK321 RS06295 WP 000705298.1   ..MKITNYE.....IYK...LKKSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 267 KZH43 RS05590 WP 000705306.1     ..MKITNYE.....IYK...LKKSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 226 SPD RS05990 WP 000705306.1       ..MKITNYE.....IYK...LKKSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 192 SPR RS05715 WP 000705306.1       ..MKITNYE.....IYK...LKKSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 157 SP RS06205 WP 000705306.1        ..MKITNYE.....IYK...LKKSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHL    64
NTDB id 497 SM12261 RS05565 WP 000705318.1   ..MKITNYE.....IYK...LKKSGL....TNQQVLAVLEYGENVDQELLLGDI..AEISGCRNPAVFMERYFQIDDAHL    64
NTDB id 387899 FOB62 RS10780 WP 012766957.1  ....MNHFE.....LYK...LKKAGL....TNNNILNILDYQKYQEKSLSLRDM..AVVSGCKHPSHFIETYKQLDIQKL    62
NTDB id 407 SMU RS04605 WP 002262865.1       ....MDNFQ.....LFK...LKKAGL....TNLNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKAL    62
consensus                                       *****     ***   ***  **    ********** ** *  ***  **  ******* ************   *

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NTDB id 1073 ABD1 RS00865 WP 015451369.1     QAQFEQLVQQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEK   149
NTDB id 1361 HI 0985 AAC22646.1              EPALVWSQ....KEGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLA   139
NTDB id 1250 GC085 RS13065 WP 027219989.1    KTDLNWLS...SSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRH   140
NTDB id 599 KW2 RS05940 WP 021037268.1       RADYKKFS.........SFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQ.   133
NTDB id 525 SMSK321 RS06295 WP 000705298.1   EKEFKKIP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLEN.   134
NTDB id 267 KZH43 RS05590 WP 000705306.1     SKEFQKFP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.   134
NTDB id 226 SPD RS05990 WP 000705306.1       SKEFQKFP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.   134
NTDB id 192 SPR RS05715 WP 000705306.1       SKEFQKFP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.   134
NTDB id 157 SP RS06205 WP 000705306.1        SKEFQKFP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.   134
NTDB id 497 SM12261 RS05565 WP 000705318.1   EKEFQKFP.........SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.   134
NTDB id 387899 FOB62 RS10780 WP 012766957.1  KMEFKQFP.........SISILDKHYPMALKEIYNPPVLLFFQGNLDLLDKPKLAIVGSRRSSDTGVKSVRKILKELGN.   132
NTDB id 407 SMU RS04605 WP 002262865.1       RKEFNRFP.........SLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSK.   132
consensus                                     *******         ******* !!**! **** !******!****!* ***!*!!!! **  ! *** **** * *

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NTDB id 1073 ABD1 RS00865 WP 015451369.1     GFFISSGLAYGIDEAAHQGASA.HQRTIAVIGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVS   228
NTDB id 1361 HI 0985 AAC22646.1              GFTITSGLALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIIS   219
NTDB id 1250 GC085 RS13065 WP 027219989.1    GVSIVSGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQI.TENGLLLSEFPLKSPPIAGHFPLRNRIIS   219
NTDB id 599 KW2 RS05940 WP 021037268.1       SFTIVSGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYL.AKYQLVLSEYSLGEKPLKYHFPERNRIIA   212
NTDB id 525 SMSK321 RS06295 WP 000705298.1   ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.SNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 267 KZH43 RS05590 WP 000705306.1     ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 226 SPD RS05990 WP 000705306.1       ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 192 SPR RS05715 WP 000705306.1       ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 157 SP RS06205 WP 000705306.1        ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 497 SM12261 RS05565 WP 000705318.1   ELVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIA   213
NTDB id 387899 FOB62 RS10780 WP 012766957.1  RFVIVSGLARGIDTSAHLACLKNGGQTIAVIGTGLDRFYPKENQELQTFL.GRKHLILTEYGPGEEPLSYHFPERNRIIA   211
NTDB id 407 SMU RS04605 WP 002262865.1       QFVIISGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYI.AKNHLLLSEYEAQSQPLKYHFPERNRIIA   211
consensus                                     **!*!!!!*!!!***!********!!!!*!*!****!!* ******** ** *****!******!****!! !!!!**
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1073 ABD1 RS00865 WP 015451369.1     GLSLGVLVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQ   308
NTDB id 1361 HI 0985 AAC22646.1              GLSVGTLVVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDF   299
NTDB id 1250 GC085 RS13065 WP 027219989.1    GLSLCILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN...   296
NTDB id 599 KW2 RS05940 WP 021037268.1       GLSRGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN..........   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1   GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 267 KZH43 RS05590 WP 000705306.1     GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 226 SPD RS05990 WP 000705306.1       GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 192 SPR RS05715 WP 000705306.1       GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 157 SP RS06205 WP 000705306.1        GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 497 SM12261 RS05565 WP 000705318.1   GLCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...........   282
NTDB id 387899 FOB62 RS10780 WP 012766957.1  GLSRGILVVEAKNRSGSLITCQIGIEEGRDIFAVPGNILDGESEGCLQLIKEGATCVTSGMDILSEYQK...........   280
NTDB id 407 SMU RS04605 WP 002262865.1       GLSQGVMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF...........   280
consensus                                    !! ****!*!!***!!!!!!*****!********!!*!******!!**!***!!*********** ** *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1073 ABD1 RS00865 WP 015451369.1     TE..EAN.TNTP.....EIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1361 HI 0985 AAC22646.1              DQIAVPNYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1    ....KPI.........FSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   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 387899 FOB62 RS10780 WP 012766957.1  ..................................................................................   280
NTDB id 407 SMU RS04605 WP 002262865.1       ..................................................................................   280
consensus
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X non conserved

X similar

X ≥ 50% conserved