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logo
NTDB id 1361 HI 0985 AAC22646.1          MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDV......AFRQMGWGA.IQIRRWFKPEAKFIEPALV...WS   70
NTDB id 626 LCA RS04960 WP 011374694.1   MLTKNQLLLKVHLAAGFGTISELR........LAAWLSTSHNWALSALEIAQIARLPERYWPTFQASFQSTTLQRQCID   71
NTDB id 599 KW2 RS05940 WP 021037268.1   .MITNFDLFRW.KKAGMTNLGVNK.........LLKFFRK.YDRKISLRQMGQVAQVK..SIPNFIEQYKNQDVK.KLRA   65
NTDB id 525 SMSK321 RS06295 WP 000705298.1 MKITNYEIYKL.KKSGLTNQQILK.........VLEYGEN.VDQELLLGDIADISGCR..NPAVFMERYFQIDDA.HLEK   66
NTDB id 267 KZH43 RS05590 WP 000705306.1 MKITNYEIYKL.KKSGLTNQQILK.........VLEYGEN.VDQELLLGDIADISGCR..NPAVFMERYFQIDDA.HLSK   66
NTDB id 226 SPD RS05990 WP 000705306.1   MKITNYEIYKL.KKSGLTNQQILK.........VLEYGEN.VDQELLLGDIADISGCR..NPAVFMERYFQIDDA.HLSK   66
NTDB id 192 SPR RS05715 WP 000705306.1   MKITNYEIYKL.KKSGLTNQQILK.........VLEYGEN.VDQELLLGDIADISGCR..NPAVFMERYFQIDDA.HLSK   66
NTDB id 157 SP RS06205 WP 000705306.1    MKITNYEIYKL.KKSGLTNQQILK.........VLEYGEN.VDQELLLGDIADISGCR..NPAVFMERYFQIDDA.HLSK   66
NTDB id 497 SM12261 RS05565 WP 000705318.1 MKITNYEIYKL.KKSGLTNQQVLA........VLEYGEN.VDQELLLGDIAEISGCR..NPAVFMERYFQIDDA.HLEK   66
NTDB id 222958 A6J68 RS06545 WP 001015250.1 ..MNHFELFKL.KKAGLTNLNINN.........IINYLKKNSLTSLSVRNMAVVSKCK..NPTFFIENYKQLDLK.KLRQ   65
NTDB id 407 SMU RS04605 WP 002262865.1   ..MDNFQLFKL.KKAGLTNLNILN.........IIDYEER.TQKSLSLRDMAVVSKNK..KPLIFMEHYKNLDSK.ALRK   64
consensus                                *********** ***********          ******* ****************  *************** ** *
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logo
NTDB id 1361 HI 0985 AAC22646.1          QKEGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG   150
NTDB id 626 LCA RS04960 WP 011374694.1   HEVRTTYLTILDKDYPQRLLETYLPPVLLFYRGDLRLLKQPCLAVVGARQATHYSKQSLEQLLQGLT.A.TTIISGLAQG   149
NTDB id 599 KW2 RS05940 WP 021037268.1   DYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELN.QSFTIVSGLAKG   144
NTDB id 525 SMSK321 RS06295 WP 000705298.1 EFKKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLE.NELVIVSGLAKG   145
NTDB id 267 KZH43 RS05590 WP 000705306.1 EFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKG   145
NTDB id 226 SPD RS05990 WP 000705306.1   EFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKG   145
NTDB id 192 SPR RS05715 WP 000705306.1   EFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKG   145
NTDB id 157 SP RS06205 WP 000705306.1    EFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKG   145
NTDB id 497 SM12261 RS05565 WP 000705318.1 EFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NELVIVSGLAKG   145
NTDB id 222958 A6J68 RS06545 WP 001015250.1 EFKKFPVLSILDSNYPLELKEIYNPPVLLFYQGNIELLSKPKLAVVGARQASQIGCQSVKKIIKETN.NQFVIVSGLARG   144
NTDB id 407 SMU RS04605 WP 002262865.1   EFNRFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLS.KQFVIISGLARG   143
consensus                                **************!!**!******!*!*!**!****!*****!*!!*! ****************** ****!*!!!!*!
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logo
NTDB id 1361 HI 0985 AAC22646.1          IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA   230
NTDB id 626 LCA RS04960 WP 011374694.1   ADAMAHEVALQRGLAPIGVIGTGINCSYPPQNEHLQ.QVVAEKGLLLSEYALGTPARRYQFPARNKIIAGLCHSLIVTEA   228
NTDB id 599 KW2 RS05940 WP 021037268.1   IDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQ.EYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEA   223
NTDB id 525 SMSK321 RS06295 WP 000705298.1 IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 267 KZH43 RS05590 WP 000705306.1 IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 226 SPD RS05990 WP 000705306.1   IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 192 SPR RS05715 WP 000705306.1   IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 157 SP RS06205 WP 000705306.1    IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 497 SM12261 RS05565 WP 000705318.1 IDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQ.DYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
NTDB id 222958 A6J68 RS06545 WP 001015250.1 IDTAAHVSALKNGGSSIAVIGSGLDVYYPTENKKLQ.EYMSYNHLVLSEYFTGEQPLKFHFPERNRIIAGLCQGIVVAEA   223
NTDB id 407 SMU RS04605 WP 002262865.1   IDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQ.DYIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEA   222
consensus                                *!****!**********!*!*!*!****!!******* **********!!***********!!*!!*!!*!!*****!*!!
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logo
NTDB id 1361 HI 0985 AAC22646.1          TEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTPP   310
NTDB id 626 LCA RS04960 WP 011374694.1   RHKSGSLITANLALQANRNVYAIPGRIDQSLSQGCNQLIAAGATPLLDKNILIEELRYFD....................   288
NTDB id 599 KW2 RS05940 WP 021037268.1   KLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN....................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1 KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1 KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 226 SPD RS05990 WP 000705306.1   KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 192 SPR RS05715 WP 000705306.1   KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 157 SP RS06205 WP 000705306.1    KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1 KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF....................   282
NTDB id 222958 A6J68 RS06545 WP 001015250.1 KMRSGSLITCERALEEGREVFAIPGNIIDGKSDGCHHLIQEGAKCIISGKDILSEYQ.....................   280
NTDB id 407 SMU RS04605 WP 002262865.1   KIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF.....................   280
consensus                                ***!!!!!!***!****!*****!!*!****!*!!**!!**!!**************
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logo
NTDB id 1361 HI 0985 AAC22646.1          PDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 626 LCA RS04960 WP 011374694.1   ............................................................   288
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 222958 A6J68 RS06545 WP 001015250.1 ............................................................   280
NTDB id 407 SMU RS04605 WP 002262865.1   ............................................................   280
consensus
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X non conserved

X similar

X $\geq$ 50% conserved