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logo
NTDB id 1119479 EL095 RS08605 WP 103363870.1  ..MNLKELDLELLKLRYAGYSTKQIYALLFRYPDYFELNLPERMTKLRQFSQNTASKTMLLHYQTYCQIEPNDIYQSL..  76
NTDB id 25 SA RS06185 WP 000593194.1          ......MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVLLLRKYYAFIKLDHNDIIKEL..  72
NTDB id 40 MW RS06080 WP 000593192.1          ......MIKLFLLKLYWAHFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVHLLRKYYAFIKLDHNDIIKEL..  72
NTDB id 1250 GC085 RS13065 WP 027219989.1     ..MNNLQPLLALNRMKRIGP..RTVLKLQKRWPDLNLMFQLS.......SVDLEEAGLPSWLAQTIKNFDPDFIKTDLNW  69
NTDB id 525 SMSK321 RS06295 WP 000705298.1    MKITNY....EIYKLKKSGLTNQQILKVLEYGENVDQELLLG......DIADISGCRNPAVFMERYFQIDDAHLEKEF..  68
NTDB id 497 SM12261 RS05565 WP 000705318.1    MKITNY....EIYKLKKSGLTNQQVLAVLEYGENVDQELLLG......DIAEISGCRNPAVFMERYFQIDDAHLEKEF..  68
NTDB id 267 KZH43 RS05590 WP 000705306.1      MKITNY....EIYKLKKSGLTNQQILKVLEYGENVDQELLLG......DIADISGCRNPAVFMERYFQIDDAHLSKEF..  68
NTDB id 226 SPD RS05990 WP 000705306.1        MKITNY....EIYKLKKSGLTNQQILKVLEYGENVDQELLLG......DIADISGCRNPAVFMERYFQIDDAHLSKEF..  68
NTDB id 192 SPR RS05715 WP 000705306.1        MKITNY....EIYKLKKSGLTNQQILKVLEYGENVDQELLLG......DIADISGCRNPAVFMERYFQIDDAHLSKEF..  68
NTDB id 157 SP RS06205 WP 000705306.1         MKITNY....EIYKLKKSGLTNQQILKVLEYGENVDQELLLG......DIADISGCRNPAVFMERYFQIDDAHLSKEF..  68
consensus                                     ******    ******************************      ************************* ***

logo
NTDB id 1119479 EL095 RS08605 WP 103363870.1  ..VSRNIYLISIFNPDYPHLLKHIYAPPLLLFCKGNRTCLKTPHYLSVVGSREATKYTQNALEYLFKNEALHELVIVSGL  154
NTDB id 25 SA RS06185 WP 000593194.1          ..QKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGL  150
NTDB id 40 MW RS06080 WP 000593192.1          ..QKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGL  150
NTDB id 1250 GC085 RS13065 WP 027219989.1     LSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPS.LAIVGSRNASVTGNENARAFSRELSRHGVSIVSGL  148
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ....KKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRSCSKQGAKSVEKIIQGL.ENELVIVSGL  142
NTDB id 497 SM12261 RS05565 WP 000705318.1    ....QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRACSKQGAKSVEKVIQGL.ENELVIVSGL  142
NTDB id 267 KZH43 RS05590 WP 000705306.1      ....QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRACSKQGAKSVEKVIQGL.ENELVIVSGL  142
NTDB id 226 SPD RS05990 WP 000705306.1        ....QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRACSKQGAKSVEKVIQGL.ENELVIVSGL  142
NTDB id 192 SPR RS05715 WP 000705306.1        ....QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRACSKQGAKSVEKVIQGL.ENELVIVSGL  142
NTDB id 157 SP RS06205 WP 000705306.1         ....QKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRACSKQGAKSVEKVIQGL.ENELVIVSGL  142
consensus                                         ************!!**!**!***!**!**!!********* ***!!*!****************** *****!!!!!

logo
NTDB id 1119479 EL095 RS08605 WP 103363870.1  AKGGDAFAHEAALHYNMATIGVLAFGHYHHYPKETRALRKRIEQTGLTLSEYIPTDRPARYKFPERNRIISGLSQGVLIT  234
NTDB id 25 SA RS06185 WP 000593194.1          AQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLIT  230
NTDB id 40 MW RS06080 WP 000593192.1          AQGADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLIT  230
NTDB id 1250 GC085 RS13065 WP 027219989.1     ALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVI  228
NTDB id 525 SMSK321 RS06295 WP 000705298.1    AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 497 SM12261 RS05565 WP 000705318.1    AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 267 KZH43 RS05590 WP 000705306.1      AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 226 SPD RS05990 WP 000705306.1        AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 192 SPR RS05715 WP 000705306.1        AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
NTDB id 157 SP RS06205 WP 000705306.1         AKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVA  222
consensus                                     !*!*!**!!***!*****!!*!***!****!!*****!***!****!**!!***********!!*!!!!!*!!*******
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logo
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NTDB id 1119479 EL095 RS08605 WP 103363870.1   ESRERSGAQITVDLALEQDRNVYVLPGSLFQKLTIGNLKRAQEGAKIVLSAQDIMEDYETLN...................   296
NTDB id 25 SA RS06185 WP 000593194.1           EAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 40 MW RS06080 WP 000593192.1           EAKEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 1250 GC085 RS13065 WP 027219989.1      EAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKEN   308
NTDB id 525 SMSK321 RS06295 WP 000705298.1     EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1     EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1       EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 226 SPD RS05990 WP 000705306.1         EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 192 SPR RS05715 WP 000705306.1         EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
NTDB id 157 SP RS06205 WP 000705306.1          EAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
consensus                                      !****!!**!!***!*!**!*!***!!!*******!*****!*!!!*!****!*******
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logo
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NTDB id 1119479 EL095 RS08605 WP 103363870.1   ..................................................   296
NTDB id 25 SA RS06185 WP 000593194.1           ..................................................   290
NTDB id 40 MW RS06080 WP 000593192.1           ..................................................   290
NTDB id 1250 GC085 RS13065 WP 027219989.1      LVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 525 SMSK321 RS06295 WP 000705298.1     ..................................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1     ..................................................   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
consensus
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X non conserved
X similar
X ≥ 50% conserved