logo

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NTDB id 599 KW2 RS05940 WP 021037268.1        .....MITNFDLFR.WKKAGMTNLGVNKLLKFFRKYD.........RKISLRQMGQ..........VAQVKSIPNFIEQY   55
NTDB id 407 SMU RS04605 WP 002262865.1        ......MDNFQLFK.LKKAGLTNLNILNIIDYEERTQ.........KSLSLRDMAV..........VSKNKKPLIFMEHY   54
NTDB id 525 SMSK321 RS06295 WP 000705298.1    ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAD..........ISGCRNPAVFMERY   56
NTDB id 1170448 ACLV7W RS06370 WP 411865649.1 ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAE..........ISGCRNPAVFMERY   56
NTDB id 497 SM12261 RS05565 WP 000705318.1    ....MKITNYEIYK.LKKSGLTNQQVLAVLEYGENVD.........QELLLGDIAE..........ISGCRNPAVFMERY   56
NTDB id 267 KZH43 RS05590 WP 000705306.1      ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAD..........ISGCRNPAVFMERY   56
NTDB id 226 SPD RS05990 WP 000705306.1        ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAD..........ISGCRNPAVFMERY   56
NTDB id 192 SPR RS05715 WP 000705306.1        ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAD..........ISGCRNPAVFMERY   56
NTDB id 157 SP RS06205 WP 000705306.1         ....MKITNYEIYK.LKKSGLTNQQILKVLEYGENVD.........QELLLGDIAD..........ISGCRNPAVFMERY   56
NTDB id 1073 ABD1 RS00865 WP 015451369.1     MLTQLSSHHYHTLKVWYLVQHSLVSFKKIIDYFGNCEKAT...QPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQ.L   76
NTDB id 1361 HI 0985 AAC22646.1             ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIR.....RWF...K..PEAKFIEPA   66
consensus                                        ********** **********************         **********          *********!****
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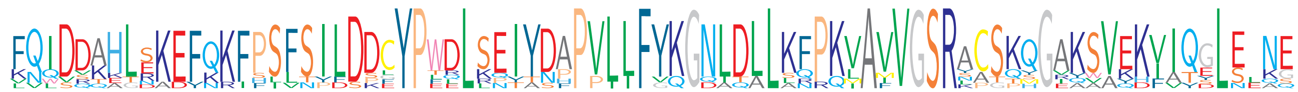

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NTDB id 407 SMU RS04605 WP 002262865.1        KNLDSKALRKEFNRFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLS.KQ   133
NTDB id 525 SMSK321 RS06295 WP 000705298.1    FQIDDAHLEKEFKKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLE.NE   135
NTDB id 1170448 ACLV7W RS06370 WP 411865649.1 FQIDDTHLEKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQSLE.NE   135
NTDB id 497 SM12261 RS05565 WP 000705318.1    FQIDDAHLEKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NE   135
NTDB id 267 KZH43 RS05590 WP 000705306.1      FQIDDAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NE   135
NTDB id 226 SPD RS05990 WP 000705306.1        FQIDDAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NE   135
NTDB id 192 SPR RS05715 WP 000705306.1        FQIDDAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NE   135
NTDB id 157 SP RS06205 WP 000705306.1         FQIDDAHLSKEFQKFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLE.NE   135
NTDB id 1073 ABD1 RS00865 WP 015451369.1     VQQVRQHTD......FILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKG   150
NTDB id 1361 HI 0985 AAC22646.1             LVWSQKEGN......HLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAG   140
consensus                                     ******** ***************!!**!******!***!**!****!*****!*!!!!*****!**********!*  **
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NTDB id 407 SMU RS04605 WP 002262865.1        FVIISGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYI.AKNHLLLSEYEAQSQPLKYHFPERNRIIAG   212
NTDB id 525 SMSK321 RS06295 WP 000705298.1    LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.SNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 1170448 ACLV7W RS06370 WP 411865649.1 LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 497 SM12261 RS05565 WP 000705318.1    LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 267 KZH43 RS05590 WP 000705306.1      LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 226 SPD RS05990 WP 000705306.1        LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 192 SPR RS05715 WP 000705306.1        LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 157 SP RS06205 WP 000705306.1         LVIVSGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAG   214
NTDB id 1073 ABD1 RS00865 WP 015451369.1     FFISSGLAYGIDEAAHQGASA.HQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSG   229
NTDB id 1361 HI 0985 AAC22646.1             FTITSGLALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISG   220
consensus                                     **!*!!!!*!!!***!*********!!!!*!*!!***!!********* *********!******!****!!*!!!!**!
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NTDB id 599 KW2 RS05940 WP 021037268.1          LSRGVVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQGGAKLVYQAQDILEEYLYN..........  282
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NTDB id 525 SMSK321 RS06295 WP 000705298.1      LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 1170448 ACLV7W RS06370 WP 411865649.1   LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 497 SM12261 RS05565 WP 000705318.1      LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 267 KZH43 RS05590 WP 000705306.1        LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 226 SPD RS05990 WP 000705306.1          LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 192 SPR RS05715 WP 000705306.1          LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 157 SP RS06205 WP 000705306.1           LCRGVIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF..........  282
NTDB id 1073 ABD1 RS00865 WP 015451369.1        LSLGVLVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQN..  307
NTDB id 1361 HI 0985 AAC22646.1                 LSVGTLVVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFD  300
consensus                                       !**!**!*!!***!!!!!!***!*!*****!**!!*!******!!**!!**!!**************
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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 1170448 ACLV7W RS06370 WP 411865649.1   ..........................................................................  282
NTDB id 497 SM12261 RS05565 WP 000705318.1      ..........................................................................  282
NTDB id 267 KZH43 RS05590 WP 000705306.1        ..........................................................................  282
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NTDB id 192 SPR RS05715 WP 000705306.1          ..........................................................................  282
NTDB id 157 SP RS06205 WP 000705306.1           ..........................................................................  282
NTDB id 1073 ABD1 RS00865 WP 015451369.1        QTEEANTN.TPEI.....REHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS  376
NTDB id 1361 HI 0985 AAC22646.1                 QIAVPNYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV..  373
consensus                                       
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X non conserved
X similar
X ≥ 50% conserved