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logo

NTDB id 425 SGO RS10525 WP 012131081.1        .MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITYSESNS   84
NTDB id 539 SM12261 RS09395 WP 000681587.1    .MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 256 KZH43 RS10270 WP 000681597.1      .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 215 SPD RS10945 WP 000681597.1        .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 181 SPR RS10425 WP 000681597.1        .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 145 SP RS11450 WP 000681597.1         .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 20318 DN94 09365 AHX75815.1           MKKKLVSSLLK...CSLIIIVSFAGGAFASFV...MNHNDNIPNGG..VTKTSKVNYNNITPTTKAVKKVQNSVVSVINYKQQES   77
NTDB id 381 SMU RS09890 WP 002262650.1        MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNG..KTTVSNVIYDTKSNTTKAVKNVKNTVVSVINYQKTDN   83
consensus                                      ********!***********!**!***************  *  ***********!*****!!*!!**!***!!!!!*!*****

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NTDB id 425 SGO RS10525 WP 012131081.1        DAIF........DN..NNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTDTYSDISVVRI   159
NTDB id 539 SM12261 RS09395 WP 000681587.1    NSVF........GN..DDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 256 KZH43 RS10270 WP 000681597.1      NSVF........GN..DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 215 SPD RS10945 WP 000681597.1        NSVF........GN..DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 181 SPR RS10425 WP 000681597.1        NSVF........GN..DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 145 SP RS11450 WP 000681597.1         NSVF........GN..DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 20318 DN94 09365 AHX75815.1           RSDLSDFYSHFFG.NQGGNTDKGLQVYGEGSGVIYKKDGKNAYVVTNNHVIDGAKQIEIQLADGSKAVGKLVGSDTYSDLAVVKI   161
NTDB id 381 SMU RS09890 WP 002262650.1        S.....YYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYSDLAVIKI   163
consensus                                      ****        **  ******** ***!!!!!!!*!****!!*!!!*!!***!****!****!*!**!**!!*!!*!!**!**!

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NTDB id 425 SGO RS10525 WP 012131081.1        PADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAINPGNSGGPLVNIQG   244
NTDB id 539 SM12261 RS09395 WP 000681587.1    SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 256 KZH43 RS10270 WP 000681597.1      SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 215 SPD RS10945 WP 000681597.1        SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 181 SPR RS10425 WP 000681597.1        SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 145 SP RS11450 WP 000681597.1         SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 20318 DN94 09365 AHX75815.1           PSDKVSNIAEFADSSKLNIGETAIAIGSPLGTEYANSVTQGIVSSLKRTVTMTNEEGQTVSTNAIQTDAAINPGNSGGALINIEG   246
NTDB id 381 SMU RS09890 WP 002262650.1        SSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAINPGNSGGALINIKG   248
consensus                                      ****!***!!!**!*!***!!*!!!!!!!!!**!!!*!!*!!!!!!*!*!****!*!****!*!!!!!*!!!!!!!!!*!*!!*!

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NTDB id 425 SGO RS10525 WP 012131081.1        QVIGITSSKIANTNN......GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSSSDRLKLPDNVKNGVV   323
NTDB id 539 SM12261 RS09395 WP 000681587.1    QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSDIRRLNIPSNVTSGVV   320
NTDB id 256 KZH43 RS10270 WP 000681597.1      QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 215 SPD RS10945 WP 000681597.1        QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 181 SPR RS10425 WP 000681597.1        QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 145 SP RS11450 WP 000681597.1         QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 20318 DN94 09365 AHX75815.1           QVIGINSSKISSTSNQTSGQSSGNSVEGMGFAIPSNDVVKIINQLESNGQVERPALGISMAGL.......................   309
NTDB id 381 SMU RS09890 WP 002262650.1        QVIGINSSKIASSNNS....NSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSGRDTLKIPSDVTSGIV   329
consensus                                      !!!!!*!!!!**  !       ****!!!*!!!!!*!!***!!*!!!*!!*!*!!!!!!*!**!*********************
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logo
NTDB id 425 SGO RS10525 WP 012131081.1      VRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLTKSTDDLSSE....   397
NTDB id 539 SM12261 RS09395 WP 000681587.1  VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLDKSSGDLES.....   393
NTDB id 256 KZH43 RS10270 WP 000681597.1    VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 215 SPD RS10945 WP 000681597.1      VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 181 SPR RS10425 WP 000681597.1      VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 145 SP RS11450 WP 000681597.1       VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 20318 DN94 09365 AHX75815.1         ................................SDLQSLLYGHQVGDSITVTFYRGENKQTITIKLTKTSKDLAKQRANN   356
NTDB id 381 SMU RS09890 WP 002262650.1      VLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.....   402
consensus                                   ****************************!*!!*!!*!*****!**!*!!*****!**!*! !***!!**
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X non conserved

X similar

X $\geq$ 50% conserved