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logo

NTDB id 425 SGO RS10525 WP 012131081.1        MKN.SSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITYSESNS   84
NTDB id 539 SM12261 RS09395 WP 000681587.1    MKH.LKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 256 KZH43 RS10270 WP 000681597.1      MKH.LKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 215 SPD RS10945 WP 000681597.1        MKH.LKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 181 SPR RS10425 WP 000681597.1        MKH.LKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 145 SP RS11450 WP 000681597.1         MKH.LKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ   83
NTDB id 23995 STR RS09505 WP 011227629.1      ...MEKFNWKKIVAPIAMLIIGLLGGLLGAFILL.TAAGVSFTNTTDTGVKTAKTVYTNITDTTKAVKKVQNAVVSVINYQEGSS   81
NTDB id 381 SMU RS09890 WP 002262650.1        MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNGK..TTVSNVIYDTKSNTTKAVKNVKNTVVSVINYQKTDN   83
consensus                                     *** ******!**************!**************   * ************!*****!!*!!**!***!!!!!*!*****

logo

NTDB id 425 SGO RS10525 WP 012131081.1        DA........IFDN.........NNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTDTYS  152
NTDB id 539 SM12261 RS09395 WP 000681587.1    NS........VFGN.........DDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFS  151
NTDB id 256 KZH43 RS10270 WP 000681597.1      NS........VFGN.........DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFS  151
NTDB id 215 SPD RS10945 WP 000681597.1        NS........VFGN.........DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFS  151
NTDB id 181 SPR RS10425 WP 000681597.1        NS........VFGN.........DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFS  151
NTDB id 145 SP RS11450 WP 000681597.1         NS........VFGN.........DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFS  151
NTDB id 23995 STR RS09505 WP 011227629.1      SDSLNDLYGRIFGGGDSSDSSQENSKDSDGLQVAGEGSGVIYKKDGKEAYIVTNNHVVDGAKKLEIMLSDGSKITGELVGKDTYS  166
NTDB id 381 SMU RS09890 WP 002262650.1        SY.....YN.......YDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYS  156
consensus                                     **        ****        ******** ***!!!!!!!*!****!!*!!!*!!***!*!**!****!*!**!**!!*!!*!

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NTDB id 425 SGO RS10525 WP 012131081.1        DISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAINPGNSGG  237
NTDB id 539 SM12261 RS09395 WP 000681587.1    DIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGG  236
NTDB id 256 KZH43 RS10270 WP 000681597.1      DIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGG  236
NTDB id 215 SPD RS10945 WP 000681597.1        DIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGG  236
NTDB id 181 SPR RS10425 WP 000681597.1        DIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGG  236
NTDB id 145 SP RS11450 WP 000681597.1         DIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGG  236
NTDB id 23995 STR RS09505 WP 011227629.1      DLAVVKVSSDKITTVAEFADSNSLTVGEKSIAIGSPLGTEYANSVTEGIVSSLSRTITMQNDNGETVSTIAIQTDAAINPGNSGG  251
NTDB id 381 SMU RS09890 WP 002262650.1        DLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAINPGNSGG  241
consensus                                     !**!**********!!!!**!****!!!**!!!!!!!!!**!!!*!!*!!!!!!*!*******!****!*!!!!!*!!!!!!!!!

logo

NTDB id 425 SGO RS10525 WP 012131081.1        PLVNIQGQVIGITSSKIANTN..NGSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSSSDRLKLPDNVKN  320
NTDB id 539 SM12261 RS09395 WP 000681587.1    PLINIQGQVIGITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSDIRRLNIPSNVTS  317
NTDB id 256 KZH43 RS10270 WP 000681597.1      PLINIQGQVIGITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTS  317
NTDB id 215 SPD RS10945 WP 000681597.1        PLINIQGQVIGITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTS  317
NTDB id 181 SPR RS10425 WP 000681597.1        PLINIQGQVIGITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTS  317
NTDB id 145 SP RS11450 WP 000681597.1         PLINIQGQVIGITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTS  317
NTDB id 23995 STR RS09505 WP 011227629.1      ALVNIEGQVIGINSSKISST.SAVAGSAVEGMGFAIPSNDVVEIINQLEKDGKVTRPALGISIADLNSLSSSATSKLDLPDEVKS  335
NTDB id 381 SMU RS09890 WP 002262650.1        ALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSGRDTLKIPSDVTS  326
consensus                                     *!*!!*!!!!!!*!!!!**     *****!!!*!!!!!*!!***!!*!!!**!*!*!!!!!!*****!*****!****!**!**!**
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logo
NTDB id 425 SGO RS10525 WP 012131081.1      GVVVRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLTKSTDDLSSE   397
NTDB id 539 SM12261 RS09395 WP 000681587.1  GVVVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLDKSSGDLES.   393
NTDB id 256 KZH43 RS10270 WP 000681597.1    GVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 215 SPD RS10945 WP 000681597.1      GVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 181 SPR RS10425 WP 000681597.1      GVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 145 SP RS11450 WP 000681597.1       GVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 23995 STR RS09505 WP 011227629.1    GVVVGSVQKGMPADGKLQEYDVITEIDGKKIGSKTDIQTNLYSHSIGDTIKVTFYRGKDKKTVDLKLTKSTEDISD.   411
NTDB id 381 SMU RS09890 WP 002262650.1      GIVVLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.   402
consensus                                   !**!*!*!**!!!*!*!**!!!!!**!*****!**!*!**!!*!*****!!*!*!!*****!****!  !***!***
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X non conserved

X similar

X $\geq$ 50% conserved