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logo
NTDB id 1139252 DQM97 RS10740 WP 002960389.1   MKKVKKISWKKILKPFLMLLIGFLGGLLATFVMLKMSGINT....SLGKNVVSHTQYNNSSDVTKAVDKVKDAVVTVNNY   76
NTDB id 381 SMU RS09890 WP 002262650.1         MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNGK..TTVSNVIYDTKSNTTKAVKNVKNTVVSVINY   78
NTDB id 425 SGO RS10525 WP 012131081.1         .MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITY   79
NTDB id 256 KZH43 RS10270 WP 000681597.1       .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 215 SPD RS10945 WP 000681597.1         .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 181 SPR RS10425 WP 000681597.1         .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 145 SP RS11450 WP 000681597.1          .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 539 SM12261 RS09395 WP 000681587.1     .MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTES.TSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
consensus                                       *********!***********!**!***************   ************!******!*!!**!!**!!*!**!

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NTDB id 1139252 DQM97 RS10740 WP 002960389.1   QELSDSQAKAA.DEAGLEKDKDGLTPVAQGSGVIYKKDGKSAYVVTNAHVVSGAKKLTLMLGGETDRSKAIKGELIGSDT   155
NTDB id 381 SMU RS09890 WP 002262650.1         QKTDNSYYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANG....KKVVGKLVGSDT   154
NTDB id 425 SGO RS10525 WP 012131081.1         SESNSDAIF.....DNNNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADG....NKVPGEIVGTDT   150
NTDB id 256 KZH43 RS10270 WP 000681597.1       SANRQNSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDG....TKVPGEIVGADT   149
NTDB id 215 SPD RS10945 WP 000681597.1         SANRQNSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDG....TKVPGEIVGADT   149
NTDB id 181 SPR RS10425 WP 000681597.1         SANRQNSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDG....TKVPGEIVGADT   149
NTDB id 145 SP RS11450 WP 000681597.1          SANRQNSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDG....TKVPGEIVGADT   149
NTDB id 539 SM12261 RS09395 WP 000681587.1     SANRQNSVF.....GNDDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDG....TKVPGEIVGADT   149
consensus                                      *********     *********** ****!!!!!!*!****!!*!!!*!!***!*!********    ****!***!*!!

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NTDB id 1139252 DQM97 RS10740 WP 002960389.1   YSDIAVIKISSDKVTKVAEFADSSSVKVGETAIAIGSPLDKKFANTVTQGIISALDRTVTLTAEDGTTIQTKAFQTDAAI   235
NTDB id 381 SMU RS09890 WP 002262650.1         YSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAI   234
NTDB id 425 SGO RS10525 WP 012131081.1         YSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAI   230
NTDB id 256 KZH43 RS10270 WP 000681597.1       FSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAI   229
NTDB id 215 SPD RS10945 WP 000681597.1         FSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAI   229
NTDB id 181 SPR RS10425 WP 000681597.1         FSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAI   229
NTDB id 145 SP RS11450 WP 000681597.1          FSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAI   229
NTDB id 539 SM12261 RS09395 WP 000681587.1     FSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAI   229
consensus                                      *!!**!**!****!**!!!!**!****!!!*!!!!!!!!***!!*!!*!!*!*!*!*!****!*!**!*!*!*!!!*!!

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NTDB id 1139252 DQM97 RS10740 WP 002960389.1   NPGNSGGALINIEGQVIGINSSKISLE.......GAEGLGFAIPSNDVVSTINQLEKNGKVSRPALGITMGDLSSASSSV   308
NTDB id 381 SMU RS09890 WP 002262650.1         NPGNSGGALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSG   314
NTDB id 425 SGO RS10525 WP 012131081.1         NPGNSGGPLVNIQGQVIGITSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSS   308
NTDB id 256 KZH43 RS10270 WP 000681597.1       NPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSD   305
NTDB id 215 SPD RS10945 WP 000681597.1         NPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSD   305
NTDB id 181 SPR RS10425 WP 000681597.1         NPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSD   305
NTDB id 145 SP RS11450 WP 000681597.1          NPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSD   305
NTDB id 539 SM12261 RS09395 WP 000681587.1     NPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSD   305
consensus                                      !!!!!!!*!*!!*!!!!!!*!!!!**   *   *****!!*!!!!!*!!****!*!!!*!!*!*!!!!!!*!**!!****!*
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logo
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NTDB id 1139252 DQM97 RS10740 WP 002960389.1   KDKVDVPSDVTKGVVVGSVQSDMPADGKLKEYDVITKIDDKDVSSVAELQEELYKHKLGDTVTLTFYRDGSKKTADIKLN   388
NTDB id 381 SMU RS09890 WP 002262650.1         RDTLKIPSDVTSGIVVLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLT   394
NTDB id 425 SGO RS10525 WP 012131081.1         SDRLKLPDNVKNGVVVRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLT   388
NTDB id 256 KZH43 RS10270 WP 000681597.1       IRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLN   385
NTDB id 215 SPD RS10945 WP 000681597.1         IRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLN   385
NTDB id 181 SPR RS10425 WP 000681597.1         IRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLN   385
NTDB id 145 SP RS11450 WP 000681597.1          IRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLN   385
NTDB id 539 SM12261 RS09395 WP 000681587.1     IRRLNIPSNVTSGVVVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLD   385
consensus                                      ******!**!**!**!*!*!**!!!*!*!**!!!!!**!******!****!**!!*!********!*!!*****!**!*!*
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logo
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NTDB id 1139252 DQM97 RS10740 WP 002960389.1   KSSDDLDSSSSSSK   402
NTDB id 381 SMU RS09890 WP 002262650.1         KTSQDLNH......   402
NTDB id 425 SGO RS10525 WP 012131081.1         KSTDDLSSE.....   397
NTDB id 256 KZH43 RS10270 WP 000681597.1       KSSGDLES......   393
NTDB id 215 SPD RS10945 WP 000681597.1         KSSGDLES......   393
NTDB id 181 SPR RS10425 WP 000681597.1         KSSGDLES......   393
NTDB id 145 SP RS11450 WP 000681597.1          KSSGDLES......   393
NTDB id 539 SM12261 RS09395 WP 000681587.1     KSSGDLES......   393
consensus                                      !***!!**
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X non conserved
X similar
X ≥ 50% conserved