

logo

NTDB id 425 SGO RS10525 WP 012131081.1	..MKNSSNFFKKTLQVFIVLLVGFIGGVACTWGFSYFSTPHSATMNNKKTATTVTTSYKNSNSTTEAVDKVKDAVVSVIT	78
NTDB id 539 SM12261 RS09395 WP 000681587.1	..MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSSTEST..SNNNSTITQTAYKKNENSTTQAVNKVKDAVVSVIT	77
NTDB id 256 KZH43 RS10270 WP 000681597.1	..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNM..SNNNSTITQTAYKKNENSTTQAVNKVKDAVVSVIT	77
NTDB id 215 SPD RS10945 WP 000681597.1	..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNM..SNNNSTITQTAYKKNENSTTQAVNKVKDAVVSVIT	77
NTDB id 181 SPR RS10425 WP 000681597.1	..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNM..SNNNSTITQTAYKKNENSTTQAVNKVKDAVVSVIT	77
NTDB id 145 SP RS11450 WP 000681597.1	..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNM..SNNNSTITQTAYKKNENSTTQAVNKVKDAVVSVIT	77
NTDB id 150814 HKU488 RS09745 WP 002994926.1	MPSMKHILKLSLILLIGFLGCLIAIIFNMLYPHSPS.KINSGKATTSNMVFNNNTTNTTKAVKAVQNAVVSVIN	73
NTDB id 381 SMU RS09890 WP 002262650.1	MNNTKSPFLKWI.PFLVIFLTFILGVISLILFNWLTG.NKS.FSNNGKTTVSNVIVDTKSNTTKAVKNVKTIVVSVIN	77
consensus	*****!*!!!!*****!*!!!!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 425 SGO RS10525 WP 012131081.1	YSESNDAIF.....DN...NNSGNENDQVASEGSGVIYRKDKDYAYLVNTNTHVINGAKKVDIRLADGNKVPGEIVGT	148
NTDB id 539 SM12261 RS09395 WP 000681587.1	YSANRQNSVF.....GN...DDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVIN GASKVDIRLSDGTKVPGEIVGA	147
NTDB id 256 KZH43 RS10270 WP 000681597.1	YSANRQNSVF.....GN...DDTDTDSQRI SSEGSGVIYKKNDKEAYIVTNNHVIN GASKVDIRLSDGTKVPGEIVGA	147
NTDB id 215 SPD RS10945 WP 000681597.1	YSANRQNSVF.....GN...DDTDTDSQRI SSEGSGVIYKKNDKEAYIVTNNHVIN GASKVDIRLSDGTKVPGEIVGA	147
NTDB id 181 SPR RS10425 WP 000681597.1	YSANRQNSVF.....GN...DDTDTDSQRI SSEGSGVIYKKNDKEAYIVTNNHVIN GASKVDIRLSDGTKVPGEIVGA	147
NTDB id 145 SP RS11450 WP 000681597.1	YSANRQNSVF.....GN...DDTDTDSQRI SSEGSGVIYKKNDKEAYIVTNNHVIN GASKVDIRLSDGTKVPGEIVGA	147
NTDB id 150814 HKU488 RS09745 WP 002994926.1	YQDNFSSLSNPTYTKLFGEGRSKFNKDAELSIFSEGSGVIYRKDGNSAYVVTNNHVIDGAKRIEILMADGSKVVGELVGA	153
NTDB id 381 SMU RS09890 WP 002262650.1	YQKTDNSY.....YNYDSGSQEKNKSEDLGLVYGE GSGVIYKKGDSAYIVTNNHVIN KDAEKL EIMMANCKKVVCRLVGS	152
consensus	!******* *******!*!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*	

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NTDB id 425 SGO RS10525 WP 012131081.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	228
NTDB id 539 SM12261 RS09395 WP 000681587.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 256 KZH43 RS10270 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 215 SPD RS10945 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 181 SPR RS10425 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 145 SP RS11450 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 150814 HKU488 RS09745 WP 002994926.1	DTYSDIAVVKISSDKIKTVAEFADSTKLNVGVAIAIGSPLCTGYANSVTQGVSSSLSRTVTLKNENGETVSTNAIQTDA	233
NTDB id 381 SMU RS09890 WP 002262650.1	DTYSDIAVTKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNEGETISTNAIQTDA	232
consensus	!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 425 SGO RS10525 WP 012131081.1	AINPGNSGGPLVNIQQQVIGITSSKIAN TNNG....S TSVECGMGAIPSN DVVNIEEQLEKNGKVTRPALGIQMVNLSL	304
NTDB id 539 SM12261 RS09395 WP 000681587.1	AINPGNSGGPLINIQQQVIGITSSKIA T..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNI	301
NTDB id 256 KZH43 RS10270 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIA T..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 215 SPD RS10945 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIA T..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 181 SPR RS10425 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIA T..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 145 SP RS11450 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIA T..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 150814 HKU488 RS09745 WP 002994926.1	AINPGNSGGPLINIEGQVIGINSSKISS TPTG SNGNSGVAVECGMGAIPSTDVIKIKQLETNCEVTRPALGISMVNLSNDL	313
NTDB id 381 SMU RS09890 WP 002262650.1	AINPGNSGGPLINIKGQVIGINSSKIAS SN..NS..SGVAVECGMGAIPSN DVVSLINQLENGCEVTRPALGISMANLSEA	310
consensus	!*****!*!!!!******* *****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 381 SMU RS09890 WP 002262650.1
consensus



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NTDB id 425 SGO RS10525 WP 012131081.1
NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
NTDB id 215 SPD RS10945 WP 000681597.1
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NTDB id 150814 HKU488 RS09745 WP 002994926.1
NTDB id 381 SMU RS09890 WP 002262650.1
consensus



397
393
393
393
393
393
407
402

non conserved
 similar
 ≥ 50% conserved