

logo

NTDB id 425 SGO RS10525 WP 012131081.1	..MKNSSNFFKKTLQVFIVLLVGFIGGVACTWGFSYFSTPHSATNMNKTATTVTTSYKNSNSTTEAVDKVKDAVVSVIT	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 1141356 DQN32 RS09410 WP 002994926.1	MPSMKHILKLSLILLIGFLGCLIAIIFNMLYPHSPS.KINSGKATTSNMVFNNNTTNTTKAVKAVQNAVVSVIN	73
NTDB id 381 SMU RS09890 WP 002262650.1	MNNTKSPFLKWI.PFLVIFLTFILGVISLIFNWTG.NKS.FSNNGKTTVSNVIVDTKSNITKAVKNVKTIVVSVIN	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 1141356 DQN32 RS09410 WP 002994926.1	YQDNFSSLSNPTYTKLFGEGRSKFNKDAELSIFSEGSGVIYRKDGNSAYVVTNNHVIDGAKRIEILMADGSKVVGELVGA	153
NTDB id 381 SMU RS09890 WP 002262650.1	YQKTDNSY.....YNYDSGSQEKNKSEDLGLVYEGSGVIYKKGDSAYIVTNNHVKDAEKLIMMANCKKVVGKLVGS	152
consensus	!******* *******!*!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*	

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NTDB id 425 SGO RS10525 WP 012131081.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	228
NTDB id 539 SM12261 RS09395 WP 000681587.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 256 KZH43 RS10270 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 215 SPD RS10945 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 181 SPR RS10425 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 145 SP RS11450 WP 000681597.1	DTFSDIAVVKISSEKVTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSSLNRNVSLKSEDGQAISTKAIQTD	227
NTDB id 1141356 DQN32 RS09410 WP 002994926.1	DTYSDIAVVKISSDKIKTVAEFADSTKLNVGVAIAIGSPLCTGYANSVTQGIVSSLSRTVTLKNENGETVSTNAIQTD	233
NTDB id 381 SMU RS09890 WP 002262650.1	DTYSDIAVTKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNEGETISTNAIQTD	232
consensus	!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 425 SGO RS10525 WP 012131081.1	AINPGNSGGPLVNIQQQVIGITSSKIANTNNG....S TSVEGMGFAIPSNDVVNIEQLEKNGKVTRPALGIQMVNLSL	304
NTDB id 539 SM12261 RS09395 WP 000681587.1	AINPGNSGGPLINIQQQVIGITSSKIAT..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNI	301
NTDB id 256 KZH43 RS10270 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIAT..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 215 SPD RS10945 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIAT..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 181 SPR RS10425 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIAT..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 145 SP RS11450 WP 000681597.1	AINPGNSGGPLINIQQQVIGITSSKIAT..NG....GTSVEGLGFAIPANDAINIEQLEKNGKVTRPALGIQMVNLSNV	301
NTDB id 1141356 DQN32 RS09410 WP 002994926.1	AINPGNSGGPLINIEGQVIGINSSKISSPTGSGNGMSGAVECTGFAIPSTDVIKIKQLETNCEVTRPALGISMVNLSN	313
NTDB id 381 SMU RS09890 WP 002262650.1	AINPGNSGGPLINIKGQVIGINSSKIASNSN..SGVAVECMGFAIPSNDVVSIIINQLENGCEVTRPALGISMANLSEA	310
consensus	!*****!*!!!!******* *****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 381 SMU RS09890 WP 002262650.1
consensus



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NTDB id 539 SM12261 RS09395 WP 000681587.1
NTDB id 256 KZH43 RS10270 WP 000681597.1
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NTDB id 381 SMU RS09890 WP 002262650.1
consensus



397
393
393
393
393
393
407
402

non conserved
 similar
 ≥ 50% conserved