

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 1116701 EW023 RS09655 WP 002994926.1	MPSMKHILKLSLILLIGFLGCLIAIIFNMLYPHSPS.KINSGKATTSNMVFNNNTTNNTTKAVKAVQNAVVSVIN	73
NTDB id 381 SMU RS09890 WP 002262650.1	MNNTKSPFLKWI.PFLVIFLTFILGVISLILFNWLTG.NKS.FSNNGKTTVSNVIVDTKSNNTKAVKNVKTIVVSVIN	77
consensus	*****!*!!!!*****!*!!!!*****!*****!*****!*****!*****!*****!*****!	

logo

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 1116701 EW023 RS09655 WP 002994926.1	YQDNFSSSLSNPYTKLFGEGRSKFNKDAELSIFSEGSGVIYRKDGNSAYVVTNNHVIDGAKRIEILMADGSKVVGELVGA	153
NTDB id 381 SMU RS09890 WP 002262650.1	YQKTDNSY.....YNYDSGSQEKNKSEDLGLVYGE GSGVIYKKGDSAYIVTNNHVKDAEKL EIMMANCKKVVGKLVGS	152
consensus	!******* *******!*!!!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*!!!!*	

logo

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 1116701 EW023 RS09655 WP 002994926.1	DTYSDIAVVKISSDKIKTVAEFADSTKLNVGVAIAIGSPLCTGYANSVTQGVSSSLRTVTILKNENGETVSTNAIQTDA	233
NTDB id 381 SMU RS09890 WP 002262650.1	DTYSDIAVTKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSSLRTVTSQNEGETISTNAIQTDA	232
consensus	!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

logo

NTDB id 425 SGO RS10525 WP 012131081.1	AINPGNSGGPLVNIQQQVIGITSSKIAN TNNG....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 1116701 EW023 RS09655 WP 002994926.1	AINPGNSGGPLINIEGQVIGINSSKISS TPTG SNGNSGVAVECTGFAIPSTDVIKIKLETNCEVTRPALGISMVNLSNDL	313
NTDB id 381 SMU RS09890 WP 002262650.1	AINPGNSGGPLINIKGQVIGINSSKIASNSN..SGVAVECTGFAIPSTDVSIINQLENGCEVTRPALGISMANLSEA	310
consensus	!*****!*!!!!******* *****!*****!*****!*****!*****!*****!*****!*****!	

logo

NTDB id 425 SGO RS10525 WP 012131081.1	SSSSSDRLKLPD	NNVKN	GVVVR	STQT	IGMPAD	CKLEKYDVITK	DDTEISSASDI	QSALYKHSIN	EEIKV	TYYRD	GKEQTT	384
NTDB id 539 SM12261 RS09395 WP 000681587.1	NTSDIRRLNIP	SNVTSGV	VRSVQSNMP	PANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381						
NTDB id 256 KZH43 RS10270 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	PANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381						
NTDB id 215 SPD RS10945 WP 000681597.1	NTSDIRRLNIP	SNVTSGV	VRSVQSNMP	PANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381						
NTDB id 181 SPR RS10425 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	PANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381						
NTDB id 145 SP RS11450 WP 000681597.1	STSDIRRLNIP	SNVTSGV	VRSVQSNMP	PANGHLEKYDVITKVDDKEIASSTDLQSALYNH	SIGDTIKITYYRNGKEETS	381						
NTDB id 1116701 EW023 RS09655 WP 002994926.1	STNALSQINIP	TSVTGGIV	VAE	VKEGMPAS	GKLAQYDVITE	DGKTVNST	SDLQSSLYGHD	INDTIKVT	RYRGTTKKK	KAD	393	
NTDB id 381 SMU RS09890 WP 002262650.1	STSGRDTL	LKIPSDVTSGIV	VLSTQSGMPAD	CKLKKYDVITE	DGKKVASI	SDLQSTLYKHK	GDKIKL	TFYREKDK	IVE	390		
consensus	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

logo

NTDB id 425 SGO RS10525 WP 012131081.1	IKLTKSTDDLSSE.	397
NTDB id 539 SM12261 RS09395 WP 000681587.1	IKLTKSSGDLES..	393
NTDB id 256 KZH43 RS10270 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 215 SPD RS10945 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 181 SPR RS10425 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 145 SP RS11450 WP 000681597.1	IKLTKSSGDLES..	393
NTDB id 1116701 EW023 RS09655 WP 002994926.1	IKLTKTTQDLTKTQ	407
NTDB id 381 SMU RS09890 WP 002262650.1	IKLTKTSQDLNH..	402
consensus	!*! !***! !**	

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved