

NTDB id 416	SGO RS10505 WP 012131078.1	.MIFTIILSLFPVITIQVFSYDFFYKNINRKKKIKIKLIIILF..WGLIMVTSLFLSFLFLPDYWKIFRDIFHYHLLFIQPLIFYK	82
NTDB id 419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTIIQVVSYETFHKKIMQSKKIDIKFIIGLF..FSIVFGISIISSILEIPSGFDWISSIFHYIFLFIQPLIFYK	82
NTDB id 20003	Locus 0 AAM18090.1	MDLLKLILIVILHILILTNSYELIC.....KATK..KERVLFIISWFILQSIVHILFYITSIHGLGME.....KISFTCIIFA	70
NTDB id 486	SM12261 RS09375 WP 020902616.1	MDFLAVLVILHIFIISHSYRLIC.....KNKINIKELCFGCGYTFLLVESVFELSIFYLYLDGLGIE.....KFLFPLVLYS	72
NTDB id 138	SP RS11430 WP 000364845.1	MDLFGFGTIVIVHFLIISHSHYRLIC.....KGQRINKRELTVFGAYTLLEIVLDFSFYLTYLDKLGIE.....RFLFPLGLYS	72
NTDB id 249	KZH43 RS10250 WP 000362880.1	MDFLFGGTIVIVHFLIISHSHYHFIC.....KGQINRKELTVFGAYTLLEIVDFPLYLYLDGLGIE.....RFLFPLGLYS	72
NTDB id 208	SPD RS10925 WP 000362880.1	MDFLFGGTIVIVHFLIISHSHYHFIC.....KGQINRKELTVFGAYTLLEIVDFPLYLYLDGLGIE.....RFLFPLGLYS	72
NTDB id 174	SPR RS10405 WP 000362880.1	MDFLFGGTIVIVHFLIISHSHYHFIC.....KGQINRKELTVFGAYTLLEIVDFPLYLYLDGLGIE.....RFLFPLGLYS	72
NTDB id 514	SMSK321 RS10615 WP 001048129.1	MNLFGVGLVIVYFLIISHSYRLIC.....KGQINRKELTVFSAYILLTEIVLDFPSYLLHLDDLGIV.....KFLFPLVLYS	72
consensus		*****!*****!*****! ****!*!!!!!!*	

[illegible]

NTDB id 416 SGO RS10505 WP 012131078.1	DLYNVNKS S YIVIHILLNISHWFS E NAHLNSFASMIATIGTFIMFLSTLFLYLK S A R EQYEKAKEIQKKKEEQRQLQLYTDEIVGLYN	252
NTDB id 419 DQL23 RS10745 WP 060553298.1	DLYNVNKS S YIVIHILLNISHWFS E NAHLNSFASMIATIGTFIMFLSTLFLYLK S A R BQEHEKAKEIQKKKEEQRQLQLYTDEIVGLYN	251
NTDB id 20003 Locus 0 AAM18090.1	FFKKV I F A FFALHILLFISDMVNIIEHFYSFSSILATIVFI C LLLI F FAMN A K V QI E KEIALKQKKFEQ E H L QTYTDEIVGLYN	239
NTDB id 486 SM12261 RS09375 WP 020902616.1	FLKKVFFALLLLHV S FI S DMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHK E KMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
NTDB id 138 SP RS11430 WP 000364845.1	FLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
NTDB id 249 KZH43 RS10250 WP 000362880.1	FLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
NTDB id 208 SPD RS10925 WP 000362880.1	FLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
NTDB id 174 SPR RS10405 WP 000362880.1	FLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHKVQMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
NTDB id 514 SMSK321 RS10615 WP 001048129.1	FL T KVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFAMNSHK D QMEKEIALKQKKFEQKHLQNYTDEIVGLYN	241
consensus	* * * * *	

NTDB id	416	SGO RS10505 WP 012131078.1	EIRGFRHDYAGMLTSLQTGINSGDMKEVERIFHNVLSQLANISLRSDDYTFEFELNNVQDTALRSVLIIQTIFKARECGVEIVFEMKD	337
NTDB id	419	DQL23 RS10745 WP 060553298.1	EIRGFRHDYAGMLTSLQTGINSGDMKEVERIFHNVLSQLANISLRSDDYTFEFELNNVQDTALRSVLIIQTIFKARECGVEIVFEMKD	336
NTDB id	20003	Locus 0 AAM18090.1	EIRGFRHDYAGMLVSMQMAIDSKDLQEIDRIYNEVLVKANQQKLRSDDKYTYFDLNNIEDTALRSLIIAQSIYVARNKDVEFTLEVVD	324
NTDB id	486	SM12261 RS09375 WP 020902616.1	EIRGFRHDYAGMLVSMQMAIDSGDLQEIDRVYNEVLVKANHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
NTDB id	138	SP RS11430 WP 000364845.1	EIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
NTDB id	249	KZH43 RS10250 WP 000362880.1	EIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
NTDB id	208	SPD RS10925 WP 000362880.1	EIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
NTDB id	174	SPR RS10405 WP 000362880.1	EIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
NTDB id	514	SMSK321 RS10615 WP 001048129.1	EIRGFRHDYAGMLVSMQMAIDSGNLQEIDRVYNEVLVKANHHKLRSDDKYTYFDLNNIEDSALRSLVAQSIVYARNNGVEFTLEVVD	326
consensus			* * * * * * * * * * * * * * * * * * * * * * * * *	

