

NTDB id	419	DQL23 RS10745 WP 060553298.1	.MILKIIIAFFPTIIVVSYEIFHKKIMQSKKIIDIKFIFGLFFSIVFGISIISSILIEIPSPGDVISSIFHYIFLFIQPLIFYKYF	84
NTDB id	416	SGO RS10505 WP 012131078.1	.MIFTIILSLFPVIIIVFSYDFFYNKINRKKKINIKLIIILFWGLIMVISFLYSIFLLLPDYWKIFRDIHYIFLLIQPLIFYKYF	84
NTDB id	486	SM12261 RS09375 WP 020902616.1	MDFLAVLVVILHIFIISKSYLI.....CKNKNINKELCFGGYTFL....VESVFELSIFYIYLDDL..GIBKFLFPLVLYSYF	74
NTDB id	514	SMSK321 RS10615 WP 001048129.1	MNLFGVGVLIVVIFLIISHSYRLI.....CKGQINRKELYVFSAYILL...TEIVLDFPSYLLHLDDL..GIVKFLFPLVLYSYF	74
NTDB id	72183	EL334 RS11685 WP 033705078.1	MNLFGGTVIVHFLLIISHSYHLI.....CKGQINRKELVFGAYTLL...TEIVDFDPPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	249	KZH43 RS10250 WP 000362880.1	MDLFGGTVIVHFLLIISHSYHFI.....CKGQINRKELVFGAYTLL...TEIVDFDPPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	208	SPD RS10925 WP 000362880.1	MDLFGGTVIVHFLLIISHSYHFI.....CKGQINRKELVFGAYTLL...TEIVDFDPPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	174	SPR RS10405 WP 000362880.1	MDLFGGTVIVHFLLIISHSYHFI.....CKGQINRKELVFGAYTLL...TEIVDFDPPLYILYLDGL..GIERFLFPLGLYSYF	74
NTDB id	138	SP RS11430 WP 000364845.1	MDLLGFGTVIVHFLLIISHSYRLI.....CKGRINRKELYVFGAYTLL...TEIVLEFSFYLLYLDKI..GIERFLFPLGLYSYF	74
consensus			*****!****!!**!* * *****!***!****!***** *****! ****!***** *****!*****! !*!* !!	

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NTDB id 419 DQL23 RS10745 WP 060553298.1
NTDB id 416 SGO RS10505 WP 012131078.1
NTDB id 486 SM12261 RS09375 WP 020902616.1
NTDB id 514 SMSK321 RS10615 WP 001048129.1
NTDB id 72183 EL334 RS11685 WP 033705078.1
NTDB id 249 KZH43 RS10250 WP 000362880.1
NTDB id 208 SPD RS10925 WP 000362880.1
NTDB id 174 SPR RS10405 WP 000362880.1
NTDB id 138 SP RS11430 WP 000364845.1
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consensus

T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L
E R M K S L I V A L A E P S I T I N S L V L D K I F I V I Q N S R Q S R Y I N L E E T Y E V I E L L E L L E L L

E T L P M K L L D L V R I V A S V L L N N A V E G A A E S P S K T M N V S L V K L D K E I V F V I Q N S R Q S R Y I N L E E I Y E V G F S T K G E N R G L G L N N V K E I I
E T L P M K L L D L V R I V A S V L L N N A V E G A A E S P S K T M N V S L V K L D K E I V F V I Q N S R Q S R Y I N L E E I Y E V G F S T K G E N R G L G L N N V K E I I

T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L
T R L P I D L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L

T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L
T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L

T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L
T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L

T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L
T K L P I E L L D L V R I M S V L L N N A V E G S A D S Y K K Q M E V A V I K M E T E T V I V I Q N S C K M T M T P S G D L F A L G F S T K G R N R G V G L N N V K E L L

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NTDB id 419 DQL23 RS10745 WP 060553298.1
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consensus

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- X non conserved
- X similar
- X > 50% conserved