

NTDB id	587	KW2 RS10850 WP 042211510.1	 M Q T D I L R L L R P K G K K L A L I K Q A K L I Q L M G N L L N N G F N L G E V I N F L A L S K L V E K H F V F K M H Q G L S S G K S L S E I L E S I S F S K N	81
NTDB id	395	FSA28 RS09400 WP 257638827.1	. M T F L Q Q D I S L K E K H K Q K K L K I K K Q R K V I Q L F N N L F T S G F N L T E I I D F L E R S H L L A E I Y T K K M R Q G L L N G L H L A E I M S S L G F S D D	84
NTDB id	386	SMU RS09030 WP 255262721.1	. M T F L Q Q D I S L K E K H K Q K K L K I K K Q R K V I Q L F N N L F T S G F N L T E I I D F L E R S H L L A E I Y T K K M R Q G L L N G L H L A E I M S S L G F S D D	84
NTDB id	430	SGO RS09415 WP 012130941.1	M I S F L Q Q D I S I L S K Q K Q K K L G T S K Q K Q V I E L F N N L F S S G F H L A E T V D F L G R S A L L E K N Y V Q Q M R Q G L A N G Q A F S E I M A S L G F S D A	85
NTDB id	1114604	A66 RS09245 WP 074017570.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S S L L D K Q C V T Q M R T G L S Q G K S F S E M M E S L C C S S T	79
NTDB id	271	KZH43 RS09260 WP 074196785.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R V G L S Q G K S F S E M M E S L C C S S A	79
NTDB id	230	SPD RS09890 WP 074196785.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R V G L S Q G K S F S E M M E S L C C S S A	79
NTDB id	196	SPR RS09425 WP 074196785.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R V G L S Q G K S F S E M M E S L C C S S A	79
NTDB id	161	SP RS10375 WP 074196785.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R V G L S Q G K S F S E M M E S L C C S S A	79
NTDB id	529	SMSK321 RS09235 WP 080550783.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R T D L S Q G K S F S E M M E S L G F S S A	79
NTDB id	501	SM12261 RS00950 WP 004238896.1	 M D I S Q V F R L R R K K L A T A K Q K N I I T L F N N L F S S G F H L V E T I S F L D R S A L L D K Q C V T Q M R A G L S Q G K S F S E M M E S L G F S S A	79
consensus			* * * * * * k r l * * * * * g t s q v i e l f n n l f s s g f h l v e t i s f l d r s a l l d k q c v t q m r a g l s q g k s f s e m m e s l g f s s a	

VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	166
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	167
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	168
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	169
VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	170
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VVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	180

VGLVSVLALLALT	FYKRSSKMSVFSILARLPF	GIFVQTYLTAYYAREWGNMISQGMELTQIFQMMEEQGSQLFKEVGQDLAQT	
CFFFLTSITFTFYFRKRLRLLYFCSRVLSKYRT	L	ES	
GALIVLLTSLSIIIFKHISALINFTILVKVPLVSSFIRLYLTAYFSREWGNLIAQGVELRQIIELMKKCKSRIFAENVGIKLDLGL	251		
CCFFILLVGIPTTFFSRKISRHLHIGFCSHLPFGKYLQLYLTAYYAREWGNLIQGVEMAQIVRLMQDQKSQLFREICYDMEKAL	253		
CCFFILLVGIPTTFFSRKISRHLHIGFCSHLPFGKYLQLYLTAYYAREWGNLIQGVEMAQIVRLMQDQKSQLFREICYDMEKAL	253		
VLMLGLTGAIYLVFKGQKRIPVYSFLARLPFVGSFVRITYLTAYYAREWGNMIGGLELSQIFQIMQEQRSVLFQEIQQDLGGQAL	254		
VGLVSVLALLALTIFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMEEQGSQLFKEIQGDLAQTL	248		
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VGFVSVGVLLALTIFYKRGSKMRVFSILARPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQEQRSQLFKEIQGDMAHAL	248		
* * * * *			

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	MGSGI	341
NTDB id 395 FSA28 RS09400 WP 257638827.1	MEVNL	343
NTDB id 386 SMU RS09030 WP 255262721.1	MEVNL	343
NTDB id 430 SGO RS09415 WP 012130941.1	MEVHL	344
NTDB id 1114604 A66 RS09245 WP 074017570.1	MEVNF	338
NTDB id 271 KZH43 RS09260 WP 074196785.1	MEVNF	338
NTDB id 230 SPD RS09890 WP 074196785.1	MEVNF	338
NTDB id 196 SPR RS09425 WP 074196785.1	MEVNF	338
NTDB id 161 SP RS10375 WP 074196785.1	MEVNF	338
NTDB id 529 SMSK321 RS09235 WP 080550783.1	MEVNF	338
NTDB id 501 SM12261 RS00950 WP 004238896.1	MEVNF	338
consensus	!****	

- X non conserved
- X similar
- X $\geq 50\%$ conserved