

NTDB id	587	KW2 RS10850 WP 042211510.1	. . . M Q T D I L R L L 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 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 X 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 B I M S S L G F S D D	84
NTDB id	386	SMTU RS09030 WP 255262721.1	. M T F L Q Q D I S L K E X 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 B 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	97600	R8775 RS09730 WP 078134945.1	 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 A	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 * * * * * i e q v d f l g r s a l l e k n y v q q m r q g l s q g k s f s e m m e s l c c s s a	

[illegible][illegible]

NTDB id 587	KW2 RS10850 WP 042211510.1	KAGQNF ^{EQA} VSHFSIFLPELSLMIEYGAIKDKLGLELSVYADECWEQFFSKIDRLMQLIQPLIFIFVALMIVLLYAAMLPIYSN	336
NTDB id 395	FSA28 RS09400 WP 257638827.1	LSGQE ^{FHQK} VLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETWEHFFAKLKKATQFVQPLIFVFVAIVIMIAAAMLPIYQN	338
NTDB id 386	SMU RS09030 WP 255262721.1	LSGQE ^{FHQK} VLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETWEHFFAKLKKATQFVQPLIFVFVAIVIMIAAAMLPIYQN	338
NTDB id 430	SGO RS09415 WP 012130941.1	QNGQE ^{FSDKI} ASYPFFKKELSLIIEYGEVKSKLGSELEIYALKTWEEFFGRVNRTMNLIQPLVFVFVALMIVLLYAAMLPLIYN	339
NTDB id 97600	R8775 RS09730 WP 078134945.1	KNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 271	KZH43 RS09260 WP 074196785.1	KNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 230	SPD RS09890 WP 074196785.1	KNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 196	SPR RS09425 WP 074196785.1	KNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 161	SP RS10375 WP 074196785.1	KNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 529	SMSK321 RS09235 WP 080550783.1	QNGREFSQTITATYPFFKKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
NTDB id 501	SM12261 RS00950 WP 004238896.1	QNGQE ^{FSDKI} TIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAFFTRVNRTMNLVQPLVFIIVALIIIVLLYAAMLMPMYQN	333
consensus		* * * * *	

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 97600 R8775 RS09730 WP 078134945.1	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