

NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGRL	VEATIEAEDLRTAARLLRDRGLFVAETKEPGKGLQAEVRIPALERGPGLK	65
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKNYRWKGINSGKK	VSGQMLAISEIEVRDKLKDQHIQIKKLLKGSVSLLAR.....LTHRVKSK	68
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSSGKK	TSGNVLAMTEIEEVRERLDAQHIKIKKLLKGSISFITK.....ISHRVKKG	67
NTDB id 1112	NGGF RS09215 WP 003689811.1	.MAKNGGFSLF	AKKEKRFIFEGRHSASDKLVNGEVS	69
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLF	AKKEKRFIFEGRHSASDKLVNGEVS	70
NTDB id 1252	GC085 RS07730 WP 011213805.1	.MDKN.....SPPPLTFHYQGINKAGQK	MEGDIQARSLATAKADLRKQGI	67
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQK.....AIKNSVFTWEGLDRQGAK	IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS.....AGKKIKPM	66
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMPVFAYEGVDRKGIK	LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEG....LLKKKVKPL	69
NTDB id 110096	ACA35 RS17075 WP 000279216.1	MAVKK.....AQMPPTFAYEGVDRKGIVK	IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVTTL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKK.....AQMPPTFAYEGVDRKGIVK	IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVTTL	69
consensus		****	*****	*****

[illegible][illegible]

NTDB id	1029	TT RS02230 WP 011228203.1	P L L L L A V A L F F A Y R W . Y Y G T P Q G R R V I D R L K L R L P V F G N I N R K T A V A R F S R T L A L L L S S G V N I V E A L D I T K G T A G N S V V E	303
NTDB id	1169	A1552VC RS11075 WP 000648511.1	W A F I A I A A A T F G L K A L R K N S F Q I R L K T S R L G L K F P I T I G N V L A K A S I A K F S R T L A T S F A A G I P I L A S L K T T A K T S G N V H F E	308
NTDB id	1402	DSB67 RS12670 WP 010643257.1	F I G L S F V S L L I S G K I M S Q R S D S F R L L A A R S S L R V P I L G P V L S K A A I A K F S R T L A T S F S A G I P I L T A L K T T S K T S G N M H Y Q	307
NTDB id	1112	NGFG RS09215 WP 003689811.1	M V L I A L G F A I Y G F L K L K A R S I K I Q R R M D A I L R M P I F G D I V R K G T I A R W G R T T A T L F A A G V P L V D V L D S T A G A A G N L I Y E	310
NTDB id	1113	AAA85695.1 219..1451()	M V L I A L G F A I Y R F L K L K A R S I K I Q R R M D A I L R M P I F G D I V R K G T I A R W G R T T A T L F A A G V P L V D V L D S T A G A A G N L I Y E	310
NTDB id	1252	GCO85 RS07730 WP 011213805.1	I I F G A L G G V V Y S F F Y A K N H S L E F A Q T I D R V M L K L P V I G P I L E K A A I A R F A R T L S I T F A A G L P L V E A L K S V A G A T G N I I Y A	307
NTDB id	1198	PSJM300 03950 AFN76868.1	V V L A C F V G A A Y A F K Q A H T R S E K F R N W F D R L M L K V P V V G D I L Y K S S V A R F A R T L S T T F A A G V P L V D A L D S V A G A T G N V V F R	306
NTDB id	1016	ACTAD RS01680 WP 004920476.1	I L I I V I G A A T A G F L E A R K R S K R F R D Q L D R L V L R L P I V G D L V Y K A I I A R Y S R T L A T T F A A G V P L I D A L A S T A G A T N N T V Y E	309
NTDB id	110096	ACA435 RS17075 WP 000279216.1	I M I I A I G A V I A A F L E A K R S K K F R D G L D K L A L K L P I F G D L V Y K A I I A R Y S R T L A T T F A A G V P L I D A L E S T A G A T N N V Y E	309
NTDB id	1059	ABD1 RS01610 WP 000279215.1	I M I I A I G A V I A A F L E A K R S K K F R D G L D K L A L K L P I F G D L V Y K A I I A R Y S R T L A T T F A A G V P L I D A L E S T A G A T N N V Y E	309
consensus			* * * * *	

NTDB id 1029	TT RS02230 WP 011228203.1	EIV EAAK LK L I Q Q G D P L N L T L A Q H P F V F P P M V S S M V A I G E E T G A L D T M L S K V A D F Y E R E V D E A V A S L T A A I E P L M I I F L G V	383
NTDB id 1169	A1552VC RS11075 WP 000648511.1	T A I N E V Y R D T A A G M P M Y I A M R . N T E A F P E M V L Q M V M I G E E S G Q L D D M L N K V A T I Y E F E V D N T V D N L G K I L E P L I I V F L G T	387
NTDB id 1402	DSB67 RS12670 WP 010643257.1	L A T E E V Y R D T A A G M P M Y I A M R . H C H V F P E L V L Q M V M I G E E S G R L D D M L N K T A A I Y E F E V D N T V D N L S K I L E P L I I V F L G V	386
NTDB id 1112	NGFG RS09215 WP 003689811.1	E A T R E I R T R V I Q G L S M T S G M R . A T E L F P N M M L Q M S S I G E E S G L D D M L N K A A E F Y E D E V D N A V G R L S A M M E P T I I I V I L G L	389
NTDB id 1113	AAA85695.1 219..1451()	E A T R E I R T R V I Q G L S M T S G M R . A T E L F P N M M L Q M S S I G E E S G L D D M L N K A A E F Y E D E V D N A V G W L S A M M E P T I I I L I L G L	389
NTDB id 1252	GC085 RS07730 WP 011213805.1	K A T D K I R E E V A T G Q Q L F I A M E . N T H L F P N M V L Q M V A I G E E S G A L E K M L S K V A D F Y E E E V N N A V D A L S S L L E P I I M S I L G I	386
NTDB id 1198	PSJM300 03950 AFN76868.1	S A T N K I K S D V S S G M Q L N F S M R . T T G T F P S M A V Q M T A I G E E S G A L D E M L S K V A T F Y E D E V D N M V D G L T A L M E P M I M A V L G V	385
NTDB id 1016	ACIAD RS01680 WP 004920476.1	Q A V L K I R E D V S T G Q Q L N F A M R . V S N R F P T M A I Q M V A I G E E S G A L D E M L D K V A N Y Y E S E V D H A V D G L T S M M E P L I M A I L G I	388
NTDB id 110096	ACA35 RS17075 WP 000279216.1	K A V M K I R E D V A T G Q Q L Q F A M R . V S N R F P S M A I Q M V A I G E E S G A L D S M L D K V A T Y Y E N E V D N A V D G L T S M M E P L I M A I L G V	388
NTDB id 1059	ABD1 RS01610 WP 000279215.1	K A V M K I R E D V A T G Q Q L Q F A M R . I S N R F P S M A I Q M V A I G E E S G A L D S M L D K V A T Y Y E N E V D N A V D G L T S M M E P L I M A I L G V	388
consensus		* * * * *	

NTDB id 1029	TT RS02230 WP 011228203.1	IVGMIVAGMFLPLFKIIGT	LSVQ	406
NTDB id 1169	A1552VC RS11075 WP 000648511.1	VVGGLVVAMYLPIFNLMSV	LG..	408
NTDB id 1402	DSB67 RS12670 WP 010643257.1	VVGGLVTAMYLPIFNLMSV	LG..	407
NTDB id 1112	NGFG RS09215 WP 003689811.1	VIGTLLVAMYLPLFNLGNV	VVA..	410
NTDB id 1113	AAA85695.1 219..1451()	VIGTLLVAMYLPLFNLGNV	VVA*..	410
NTDB id 1252	GCO85 RS07730 WP 011213805.1	LVGGLVVAMYLPIFKLGS	AV...	406
NTDB id 1198	PSJM300 O3950 AFN76868.1	LVGGLTIAMYLPIFQMG	SVV...	405
NTDB id 1016	ACIAD RS01680 WP 004920476.1	LVGGLVVIAMYLPIFQMG	SVV...	408
NTDB id 110096	ACA35 RS17075 WP 000279216.1	LVGGLVIAMYLPIFQMG	SVV...	408
NTDB id 1059	ABD1 RS01610 WP 000279215.1	LVGGLVVIAMYLPIFQMG	SVV...	408
consensus		***!*****!***!***!*****		

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