

NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKATQTLPLKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHTQIKKLKKGVSVLAR.LTHR	67
NTDB id 1402	DSB67 RS12670 WP 010643257.1	MKTIAPQKNYRWKGINSNGKK.TSGNVLAMTEIEVRERLDAQHIKIKKLKKGISIFITK.ISHR	66
NTDB id 1112	NGFG RS09215 WP 003689811.1	MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVK....TSSK	69
NTDB id 1113	AAA85695.1 219..1451()	MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVK....TSSK	69
NTDB id 1198	PSJM300 03950 AFN76868.1	MAQKAIKNSVFTWEGLDKQGAQ.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKKIKP	65
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKKTQVMPVFAYEGVDRKGVIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNI	68
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKKAQMMPTFAYEGVDRKGVIK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNI	68
NTDB id 1102134	Q9260 RS07680 WP 011408067.1	MSVARSAIKKQPVDRNTSMQLTFIWEGADKRGVK.MKGEQTARNANMLRAELRRQGIVPSMVKKQPKPLFGG.AGKKITP	78
NTDB id 1252	GC085 RS07730 WP 011213805.1	MDKNSPPLLTFHYQGINKAGQK.MEGDIQARSLAIKADLRKQGITVTKVVKRKPLFDR.KNKKITQ	66
consensus		* * * * *	

NTDB id 1169 A1552VC RS11075 WP 000648511.1 K D I T I L T R Q L A T M L T T G V P I V Q A L K L V G D N H R K A E M K S I L A Q I T K S V E A G T P L S K A M R T A S A H F D T L Y V D L V E T G E M S G N 147

NTDB id 1402 DSB67 RS12670 WP 010643257.1 K D I T I F T R Q I A T M L M T G V P I V Q A L K L V S E N H K K A E M K S I L M S V T R A V E A G T P M S K A M R T A S T H F D P L Y T D L I A T G E Q S G N 146

NTDB id 1112 NGFG RS09215 WP 003689811.1 E D I T V F T R Q L S T M I K A G L P L M Q A F E I V A R G H G N P S M T E M L M E I R G Q V E Q G S S L S R A F S N H P K Y F D R F Y C N L V A A G E T G G V 149

NTDB id 1113 AAA85695.1 219..1451() E D I T V F T R Q L S T M I N A G L P L M Q A F E I V A R G H G N P S M T E M L M E I R G Q V E Q G S S L S R A F S N H P K Y F D R F Y C N L V A A G E T G G V 149

NTDB id 1198 PJSM300 03950 AFN76868.1 M D I A L F T R Q M A T M M K A G V P L L Q S F D I I C E G F D N P N M R K L V D D L K Q E V A A G N S F A S L R K K P Q Y F D D L Y C N L V D S G E Q S G S 145

NTDB id 1016 ACIAD RS01680 WP 004920476.1 L D I A I F T R Q L A T M M K A G V P L V Q A F E I V A E G L E N P A M R D V V L G L K N E V E G G N T F A G A L R K Y P Q Y F D N L F C S L I E S G E Q S G S 148

NTDB id 1059 ABD1 RS01610 WP 000279215.1 L D I T I F T R Q L A T M M K A G V P L V Q C F E I V A E G L E N P A M R E V V L G I K G E V E G G S T F A S A L R K Y P Q H F D N L F C S L V E S G E Q S G A 148

NTDB id 1102134 Q9260 RS07680 WP 011408067.1 K E I A F F S R Q M A T M M K S G V P I V S S L E I I C E G H K N P R M K M V G Q I R T D I E G G S S L Y E S I S K H P V Q F D E L Y R N L V R A G E G A G V 158

NTDB id 1252 GC085 RS07730 WP 011213805.1 A D I T V F S R Q L A T M I E S G I P L V Q A F D I V A K G Q S N K R L K D L I E T I K H D I E T G L T L A E S L I K H P L Y F N E L F C N L V D A G E K S G S 146

consensus *****

NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	L	P	E	V	F	E	R	L	A	T	Y	R	E	K	S	E	Q	L	R	A	K	V	I	K	A	L	I	Y	P	S	M	V	L	V	A	L	G	V	S	Y	L	M	L	T	M	V	I	P	E	F	E	S	M	F	K	G	F	G	A	E	L	P	W	F	T	Q	Q	V	L	K	L	S	H	V	W	Q	A	Y	S	227
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	L	S	Q	V	F	E	R	L	A	T	Y	R	E	K	S	E	Q	L	R	A	K	V	I	K	A	L	I	Y	P	A	M	V	L	V	A	L	G	V	S	Y	L	M	L	T	R	V	I	P	E	F	E	K	M	F	T	G	F	G	A	D	L	P	A	F	T	Q	M	V	L	N	L	S	A	M	T	Q	N	W	G	226
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	L	E	S	L	D	K	L	A	T	Y	K	E	K	T	Q	A	I	R	K	K	V	K	T	A	L	T	Y	P	V	S	V	I	A	V	A	I	G	L	V	F	M	M	I	F	V	L	P	A	F	K	E	V	A	N	M	G	A	E	L	P	L	T	Q	T	V	M	D	S	D	F	F	V	S	Y	G	229				
NTDB	id	1113	AAA85695.1	219..1451()			L	E	S	L	D	K	L	A	T	Y	K	E	K	T	Q	A	I	R	K	K	V	K	T	A	L	T	Y	P	V	S	V	I	A	V	A	I	G	L	V	F	M	M	I	F	V	L	P	A	F	K	E	V	A	N	M	G	A	E	L	P	L	T	Q	T	V	M	D	S	D	F	F	V	S	Y	G	229				
NTDB	id	1198	PJM300	03950	AFN	76868.1	L	E	T	I	L	D	R	V	A	I	Y	K	E	K	T	E	A	L	K	I	K	K	A	M	N	Y	P	I	A	V	I	V	A	I	V	T	I	I	L	L	I	K	V	P	Q	F	Q	D	V	F	A	N	F	G	A	E	L	P	A	L	T	Q	T	V	M	D	S	D	F	F	V	S	Y	G	225					
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	L	E	I	M	L	D	R	V	A	I	Y	K	E	K	T	S	E	V	L	K	Q	K	I	K	K	A	M	K	Y	P	A	T	V	I	V	A	I	V	T	I	I	L	M	V	K	V	P	V	F	K	D	L	F	T	S	F	G	A	D	L	P	A	F	T	Q	L	V	N	M	S	N	W	M	Q	D	Y	W	228		
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	L	E	T	I	M	L	D	R	V	A	I	Y	K	E	K	T	S	E	L	L	K	Q	K	I	K	K	A	M	K	Y	P	A	T	V	I	V	A	I	V	T	I	I	L	M	V	K	V	P	V	F	Q	D	L	F	A	S	F	G	A	D	L	P	A	F	T	Q	M	V	N	M	S	K	W	M	Q	E	Y	W	228	
NTDB	id	1102134	Q9260	RS07680	WP	011408067.1	L	E	T	V	L	E	T	V	A	T	Y	K	E	N	I	E	A	L	K	G	K	I	K	K	A	L	F	Y	P	A	M	V	V	A	V	A	I	V	S	A	I	L	L	I	F	V	V	P	Q	F	E	E	V	F	K	S	F	G	A	E	L	P	A	F	T	Q	L	L	V	N	A	S	R	F	M	V	S	Y	W	238
NTDB	id	1252	GC085	RS07730	WP	011213805.1	L	D	I	M	L	D	K	V	A	T	Y	K	E	K	T	E	I	L	K	K	I	K	K	A	L	T	Y	P	I	A	V	M	V	A	L	L	V	A	L	L	I	I	Y	V	V	P	Q	F	E	S	L	F	K																											

NTDB id	1169	A1552VC RS11075 WP 000648511.1	LWAF	TATAAATFGLKALRKN	SFQIRLKTSRLGLKFPIIGNVLA	KASIAKFSRTRLATSFAAGIPILASLKT	TTAKTSGNVHF	307
NTDB id	1402	DSB67 RS12670 WP 010643257.1	PFT	IGLSFVSLLISGKIMSRSDS	FRLLAARSSLRVPIGLPVLSKAA	IAKFSRTRLATSFSAGIPILTALK	TTSTKTSGNMHY	306
NTDB id	1112	NGFG RS09215 WP 003689811.1	WMVL	IALGFATFYGFLKLARS	SIKIQRMDAILLRMPIFGDIVRKGT	IARWGRTTATLFAAGVPLVDVLD	STAGAAGNLIY	309
NTDB id	1113	AAA85695.1 219..1451()	WMVL	IALGFATFYRFILKLARS	SIKIQRMDAILLRMPIFGDIVRKGT	IARWGRTTATLFAAGVPLVDVLD	STAGAAGNLIY	309
NTDB id	1198	PSJM300 03950 AFN76868.1	YVVL	AGFVGAAAYAFKQAHTRS	EKFRRWFDRLLMLKVPPVGDILYKSS	VARFARTLTSTTFAAGVPLVDALD	SVAGATGNVVF	305
NTDB id	1016	ACIAD RS01680 WP 004920476.1	FILIL	VIGAATAGFLEARKRSKRFRDQL	DLRLVLRLPVIGDLVYKAI	IARYSRTLATTFAAGVPLIDALA	STAGATNNTVY	308
NTDB id	1059	ABD1 RS01610 WP 000279215.1	FIMI	IALGAVIAAFLEAKRSKKFRDGL	DKLALKLPVIGDLVYKAI	IARYSRTLATTFAAGVPLIDALE	STAGATNNVIY	308
NTDB id	1102134	Q9260 RS07680 WP 011408067.1	WLML	IVTVGSVVGFIFAYKRSRPMQHGL	DLRLILKVPIVGIQIMHNSA	IARFARTTAVTFFKAGVPLVEALG	IVAGATGNKLY	318
NTDB id	1252	GC085 RS07730 WP 011213805.1	YII	FGALGGVYSFFYAKNHSLEFAQT	IDRVMLKLPVIGPILEKAA	IARFARTLSITFAAGLPVLEALK	SVAGATGNLIY	306
consensus				*****	*****	*****	*****	

