

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSEN	80
NTDB id 1047 HON27 RS03110 WP 000389061.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSEN	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVNDFKQKRAHTLDFRPLILLGQQQLQQQSSLEPALEEELLQLS	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	ELAWTVEDTLNRVINQSLQLTPTIQSYVQLVFKFYFLKLVNDFKQKRAHTLDFRPLILLGQQQLQQQSSLEPALEEELLQLS	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 1047 HON27 RS03110 WP 000389061.1	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSELELLSRYSSSEQLEARLLQFNQSWDAYVEQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSELELLSRYSSSEQLEARLLQFNQSWDAYVEQ	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTPPLMPSHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	400
NTDB id 1047 HON27 RS03110 WP 000389061.1	HGDRTPPLMPSHGLVSQLQLDVSSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQHTHSQAMLGLHEYTSQLKESYEV	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSIILEELKLYTQYTPDISNDLPQQDSTSFEPYINIEP	480
NTDB id 1047 HON27 RS03110 WP 000389061.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSIILEELKLYTQYTPDISNDLPQQDSTSFEPYINIEP	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus	.....	0

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGLDIDLNIWVGEQENFAALNNLM	560
NTDB id 1047 HON27 RS03110 WP 000389061.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGLDIDLNIWVGEQENFAALNNLM	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLGGLIAHELESIIYERLIQKQLVWTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
NTDB id 1047 HON27 RS03110 WP 000389061.1	RYLHTLKGGANMVQATYLGGLIAHELESIIYERLIQKQLVWTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	GQNSNFQPLPVVEAFDAESEVFSEQKVISEIIDEIPVELEPALAELETHHDQVFDTAATELATPVEMITTVTSQENEVA	720
NTDB id 1047 HON27 RS03110 WP 000389061.1	GQNSNFQPLPVVEAFDAESEVFSEQKVISEIIDEIPVELEPALAELETHHDQVFDTAATELATPVEMITTVTSQENEVA	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSLKGGARMVGLAEVQAIAYQLENAFEQFAL	800
NTDB id 1047 HON27 RS03110 WP 000389061.1	ANEQDIEAVVEQTFLEEATELLEMAESLLKQWFEQRTNRSILLQLQRAVHSLKGGARMVGLAEVQAIAYQLENAFEQFAL	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	880
NTDB id 1047 HON27 RS03110 WP 000389061.1	HHFNSNIYDHLLESAIAWLKDAIFNHNYQHFDGLQQSLENIQFFETTIIQIPTKLTRADLFSSEPVMTFIQGDGTEPPPM	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	960
NTDB id 1047 HON27 RS03110 WP 000389061.1	GAWEQTERLDQNNEMIRVSADLIEKMIDLSGENSINRSRIEMDLSQFSHTLVEMELAIQRLADQLRRMEGELETQIIAKH	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	G I E H S R Y T D F D P L E M D Q Y S S L N Q L S K S L A E S A S D L V D F K N T L S D K I R D T E S L L L Q Q S R I Q A E I Q E G L M R T R L V P F S R L L P	1040
NTDB id 1047 HON27 RS03110 WP 000389061.1	G I E H S R Y T D F D P L E M D Q Y S S L N Q L S K S L A E S A S D L V D F K N T L S D K I R D T E S L L L Q Q S R I Q A E I Q E G L M R T R L V P F S R L L P	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	R L Q R I V R Q T S T A L N R P A E L F V N N T E G E L D R N I L E R L V T P L E H M L R N A I D H G L E D R A Q R Q Q A N K P E T G R I E L N I Q R Q G T D V	1120
NTDB id 1047 HON27 RS03110 WP 000389061.1	R L Q R I V R Q T S T A L N R P A E L F V N N T E G E L D R N I L E R L V T P L E H M L R N A I D H G L E D R A Q R Q Q A N K P E T G R I E L N I Q R Q G T D V	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	V V V F S D D G Q G I D V E K V R Q K A L L A G L I K P E Q D L E Q Q D I L Q L I F H P G L S T A E Q V T Q I S G R G V G L D V V Q S D I K S L G G H V S V E S	1200
NTDB id 1047 HON27 RS03110 WP 000389061.1	V V V F S D D G Q G I D V E K V R Q K A L L A G L I K P E Q D L E Q Q D I L Q L I F H P G L S T A E Q V T Q I S G R G V G L D V V Q S D I K S L G G H V S V E S	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	V Y G Q G T T F T I R V P T T V A V S D A L M V K V A D Q Q F A I P L A Q I D R I I R V S P A S L E Q Y F E S P Q E L F E Y E N K R Y P L R Y L S E F V G N Q P	1280
NTDB id 1047 HON27 RS03110 WP 000389061.1	V Y G Q G T T F T I R V P T T V A V S D A L M V K V A D Q Q F A I P L A Q I D R I I R V S P A S L E Q Y F E S P Q E L F E Y E N K R Y P L R Y L S E F V G N Q P	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	I P R L N G V M Y S L P V L M I K A N N G Q T V A L L V D Q L I G S R A Q I V V K P I G Q Q F S S I G A I A G A T I L G D G Q V C L I L D G Q N I A R Q I Q S T	1360
NTDB id 1047 HON27 RS03110 WP 000389061.1	I P R L N G V M Y S L P V L M I K A N N G Q T V A L L V D Q L I G S R A Q I V V K P I G Q Q F S S I G A I A G A T I L G D G Q V C L I L D G Q N I A R Q I Q S T	0
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 1046 HON27 RS03130 WP 168726941.1	Q R H K Q L S E A V Y R Q R E S D E R R L M I V D S V T V R K V T S R L L E R Q G Y D V V T A K D G V D A I E Q L E N I K P D I M L D I E M P R M D G F E	1440
NTDB id 1047 HON27 RS03110 WP 000389061.1	 M E L A F Q N L K V M V I D D S K T I R R T A E T L L Q R E G C E V I T A V D G F E A L S K I A E A N P D I V F V D I M P R L D G Y Q	68
NTDB id 1132870 NMK38 RS15055 WP 026795306.1	 M N T V M V V E D S V T Q R E M I C G L L K E N C L Q V S I A T D G V E A L E E V Q K N P P D I M V L D I V M P R M N G Y E	62
NTDB id 1417 SGL RS04200 WP 014407071.1	 M N A V L L V E D S S S Q R E M I S C I L K D H C W Q V T I A C D G V E A L E K L Q N F S P D I V L D I V M P R M N G Y E	62
consensus	* ** * * * * ! ! * * * ! * * * * * ! * * * ! * * ! ! ! * * ! * * * * * ! ! * * * * * ! ! * * * ! * * ! * *	

logo



- non conserved
- similar
- ≥ 50% conserved