

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	..MKNGLKT..YVAQ	TWLT	TLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AAVL	LIVELASPSAVVDVQKVQ	EGLSI	76
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	..MKNGLKT..YVAQ	TWLT	TLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AAVL	LIVELASPSAVVDVQKVQ	EGLSI	76
NTDB id 1408	DSB67	RS13980	WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLAP...	FVAAEEVQSN	SLKSIDFR	TNKKDKDA	VIVVELVSPA	AIVDIKRVQ	77
NTDB id 1381	A4U84	RS02010	WP 021113424.1	.....	.....	.....	.....	.....	.....	0
NTDB id 1347	HI 0435	AAC22094.1		.....	.....	.....	.....	.....	.....	0
NTDB id 219935	BV134	RS02205	WP 005686897.1	.....	.....	.....	.....	.....	.....	0
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	.....	.....	.....	.....	.....	0
consensus										

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGY	LEVVIS	KLKADEKPK	PKSVLEKE	EG	156
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGY	LEVVIS	KLKADEKPK	PKSVLEKE	EG	156
NTDB id 1408	DSB67	RS13980	WP 010643500.1	DLNNTSVKDDQLYLLDVKDFSTVSVESVEVFRDTSTTRLVAYIDEDYSHD	YRLTG	RYLEV	KVGK	KLKAN	EPDKSIL	157
NTDB id 1381	A4U84	RS02010	WP 021113424.1	.....	.....	.....	.....	.....	.....	17
NTDB id 1347	HI 0435	AAC22094.1		.....	.....	.....	.....	.....	.....	29
NTDB id 219935	BV134	RS02205	WP 005686897.1	.....	.....	.....	.....	.....	.....	29
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	.....	.....	.....	.....	.....	29
consensus										
										* * * * ! * * *

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT	TLRLD	GV	PWQQV	LDIILQV	KGLDKR	V	DGNVIL	IAPKE	EELDLRE	236
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT	TLRLD	GV	PWQQV	LDIILQV	KGLDKR	V	DGNVIL	IAPKE	EELDLRE	236
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLT	TLRLD	GV	PWQQV	LDIILQV	KGLDKR	V	DGNVIL	IAPKE	EELDLRE	237
NTDB id 1381	A4U84	RS02010	WP 021113424.1	QQISLSIRNAPTAEIISYLAEEETGKNITISDEIK	DTKNFR	VEKSHF	DEILNS	LKTHQ	LN	LKKENG	TIYYIH	QAQEH....	93	
NTDB id 1347	HI 0435	AAC22094.1		ERFFIRLSQAPLAQTLEQLAFQQDVNLVIGDILE	NKISL	KLNNID	MPRL	LQTI	AKSKHL	TLN	KDDG	IYYL	NGSQSG....	105
NTDB id 219935	BV134	RS02205	WP 005686897.1	ERFFIRLSQAPLAQTLEQLAFQHDVNLVMGER	LEGNISL	KLNNID	MPRL	LKII	AKSKHL	TLN	KDDG	IYYL	NGSQSG....	105
NTDB id 1373	NTHI	RS02645	WP 011272046.1	ECFFIRLSQAPLAQTLEQLAFQQDVNLVMGER	LEGNISL	KLNNID	MPRL	LKII	AKSKHL	TLN	KDDG	IYYL	NGSQSG....	105
consensus				*** * **!***** *!* * !***** ***** * * *!* ***** ! ***** ***** **										

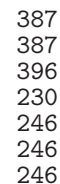
logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	KQALEKARLAEELGDLKSEI	IKINFAKAS	DIAAM	IGGEG	NVNML	SERGSIS	IDERTNS	LLIRELP	DNIAVIRE	IIIESLDI	316
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KQALEKARLAEELGDLKSEI	IKINFAKAS	DIAAM	IGGEG	NVNML	SERGSIS	IDERTNS	LLIRELP	DNIAVIRE	IIIESLDI	316
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KQALEKARLAEELGDLKSEI	IKINFAKAS	DIAAM	IGGEG	NVNML	SERGSIS	IDERTNS	LLIRELP	DNIAVIRE	IIIESLDI	317
NTDB id 1381	A4U84	RS02010	WP 021113424.1	.KQHTTAQLVNALPKLIT	KTIKLHYSK	ASEVIESLT	.KQQGN	LLSES	GYLH	FDDRS	NSIIV	KDSAAS	VKNFT	171
NTDB id 1347	HI 0435	AAC22094.1		.KQQVAGNLT	TNEPHLV	SHTVKL	HFAKASE	LMKSLT	.TGSG	LLSPAG	SITFDD	RSNLLV	IQDEPR	183
NTDB id 219935	BV134	RS02205	WP 005686897.1	.KQQVAGNLT	TNEPHLV	SHTVKL	HFAKASE	LMKSLT	.TGSG	LLSPAG	SITFDD	RSNLLV	IQDEPR	183
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.KQQVAGNLT	TNEPHLV	SHTVKL	HFAKASE	LMKSLT	.TGSG	LLSPAG	SITFDD	RSNLLV	IQDEPR	183
consensus										** **!* ** !** *****!!!!** ** !*****! * !*****!!!!***** * * ** * !****!				

```

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 219935 BV134 RS02205 WP 005686897.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus

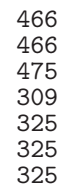
```



```

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 219935 BV134 RS02205 WP 005686897.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus

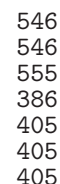
```



```

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 219935 BV134 RS02205 WP 005686897.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus

```



```

NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 219935 BV134 RS02205 WP 005686897.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus

```



-  non conserved
-  similar
-  >50% conserved