

NTDB id 1186	GTF74	RS01320	WP	000788426.1	..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AAVLIVELASPSAVVDVQKVQEGLSI	76
NTDB id 1175	A1552VC	RS12105	WP	000788426.1	..MKNGLKT..YVAQTWLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AAVLIVELASPSAVVDVQKVQEGLSI	76
NTDB id 1408	DSB67	RS13980	WP	010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLAP...	FVAAEEVQSNSLKSIDFRTNKKDKDAVIVVELVSPAAIVDIKRVQEGLSI	77
NTDB id 1381	A4U84	RS02010	WP	021113424.1	.....	.....	0
NTDB id 70827	K6J55	RS02980	WP	011272046.1	.....	.....	0
NTDB id 1373	NTHI	RS02645	WP	011272046.1	.....	.....	0
NTDB id 1347	HI	0435	AAC22094.1	.....	.....	.....	0
consensus					.....	.....	0

NTDB id 1186	GTF74	RS01320	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGGEFQHD	YTLKGKYLEVVISK	LKADEKPKPKSVLEK	155
NTDB id 1175	A1552VC	RS12105	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGGEFQHD	YTLKGKYLEVVISK	LKADEKPKPKSVLEK	155
NTDB id 1408	DSB67	RS13980	WP	010643500.1	DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDSTTRLVAYIDEDYSHD	YRLTGKRYLEVKGK	LKAN EKAPDKSILDKE	156
NTDB id 1381	A4U84	RS02010	WP	021113424.1	MRYLFLFFATF.....		PVLA	16
NTDB id 70827	K6J55	RS02980	WP	011272046.1	MKKYFLKCGYFLVCFCLP	LIVFAN.....	PKTD	28
NTDB id 1373	NTHI	RS02645	WP	011272046.1	MKKYFLKCGYFLVCFCLP	LIVFAN.....	PKTD	28
NTDB id 1347	HI	0435	AAC22094.1	MKKYFLKCGYFLVCFCLP	LIVFAN.....	PKTD	28	
consensus						*****	*****	

[illegible]

NTDB id	1186	GTF74	RS01320	WP	000788426.1	EKQALEKARLAEEELGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLD	315
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	EKQALEKARLAEEELGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLD	315
NTDB id	1408	DSB67	RS13980	WP	010643500.1	EKQQLEKKQLKEKIELSELSEIKVINFAKASDIAEMINGEGRISMILSDRSGSMITIDERDNSLIRELPDNIEVEIREIIESLD	316
NTDB id	1381	A4U84	RS02010	WP	021113424.1	..KQHHTAQLVNALPKLTITTKIKLVHYSKASEVIESLT.KGGGNLLLESGLYLFHFDDRSNSIIIVKDASAASVKNFQTQLIESLD	170
NTDB id	70827	K6J55	RS02980	WP	011272046.1	..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSSAGSITFDDRSNLLVIQDEPRFVQNIXXKLIAEMD	182
NTDB id	1373	NTHI	RS02645	WP	011272046.1	..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDDRSNLLVIQDEPRFVQNIXXKLIAEMD	182
NTDB id	1347	HI	0435 AAC22094.1			..KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAISITFDDRSNLLVIQDEPRSVDNQIXXKLIAEMD	182
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 70827 K6J55 RS02980 WP 011272046.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1347 HI 0435 AAC22094.1
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 70827 K6J55 RS02980 WP 011272046.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1347 HI 0435 AAC22094.1
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 70827 K6J55 RS02980 WP 011272046.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 1347 HI 0435 AAC22094.1
consensus

```



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