

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 380119	FXN58	RS02850	WP	148323785.1	.....	.....	0
NTDB id 1347	HI	0435	AAC22094.1	.....	.....	.....	0
NTDB id 1373	NTHI	RS02645	WP	011272046.1	.....	.....	0
consensus					.....	.....	0

NTDB id 1186	GTF74	RS01320	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEGFQHD	YTLKGKYLEVVISK	LKADEKPKPKSVLEKEG	156
NTDB id 1175	A1552VC	RS12105	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEGFQHD	YTLKGKYLEVVISK	LKADEKPKPKSVLEKEG	156
NTDB id 1408	DSB67	RS13980	WP	010643500.1	DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDSTTTRLVAYIDEDYSHD	YRLTGKYLEVVKVGK	LKANEKAPDKSILDKEG	157
NTDB id 1381	A4U84	RS02010	WP	021113424.1	MRYLFLFFA.....	.....	TFPVLAN	17
NTDB id 380119	FXN58	RS02850	WP	148323785.1	MKSILSRQLKCGLLFGCFLS	.....	AVQAEQN	28
NTDB id 1347	HI 0435	AAC22094.1			MKKYFLKCGYFLVCFCLPLI.....	VFANPKTDN		29
NTDB id 1373	NTHI	RS02645	WP	011272046.1	MKKYFLKCGYFLVCFCLPLI.....	VFANPKTDN		29
consensus					.....	YTLKGKYLEVVISK	LKADEKPKPKSVLEKEG	

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	380119	FXN58 RS02850 WP 148323785.1
NTDB id	1347	HI 0435 AAC22094.1
NTDB id	1373	NTHI RS02645 WP 011272046.1
consensus		

NTDB	id	1186	GTF74	RS01320	WP	000788426.1	KQAL.....EKAR	LAEEELGDLKSEITKINFAKASDI	AAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDN	IAVIREIT	311
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	KQAL.....EKAR	LAEEELGDLKSEITKINFAKASDI	AAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDN	IAVIREIT	311
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	KQQL.....EKQK	LEKEELGDLSEITKINFAKASDI	AEMINGEGNISMDSRGSMT	IDERTNSLLIRELPDN	IEVIREIT	312
NTDB	id	1381	A4U84	RS02010	WP	021113424.1	TAQ.....	LVNALPKLITKTIKLHYSKASEV	IESLTK.GQGNLLSESGYLHFDDRSN	IIVKDSAASVKNFTQLI		166
NTDB	id	380119	FXN58	RS02850	WP	148323785.1	ACKMEEPFPLSVS	MAEPAQLTTATIKLHFAKASEVMKSLTG.	GSGSLLSPNGSITFDDRSNLL	LIQDEPRSVHNIXKLI		186
NTDB	id	1347	HI	0435	AAC22094.1		AGN.....	LTNNEPHLVSHTVKLHFAKASELMKSLTT.	GSGSLLSPAGSITFDDRSNLL	VIQDEPRVQNIKKLI		178
NTDB	id	1373	NTHI	RS02645	WP	011272046.1	AGN.....	LTNNEPHLVSHTVKLHFAKASELMKSLTT.	GSGSLLSPAGSITFDDRSNLL	VIQDEPRVQNIKKLI		178
consensus												
							***	* * * * *	* * * * *	*****	! * ! * * * * * ! * ! * * * * * !	

logo

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 380119 FXN58 RS02850 WP 148323785.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



382
382
391
227
249
241
241

logo

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 380119 FXN58 RS02850 WP 148323785.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



461
461
470
304
328
320
320

logo

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 380119 FXN58 RS02850 WP 148323785.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



541
541
550
381
408
400
400

logo

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 380119 FXN58 RS02850 WP 148323785.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



571
571
580
420
451
445
445

☒ non conserved
☒ similar
☒ ≥ 50% conserved