

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	..MKNGLKT..YVAQTLWTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPS	AVVDVQKVQ	VEGLSI	76	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	..MKNGLKT..YVAQTLWTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPS	AVVDVQKVQ	VEGLSI	76	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLAP...	FVAAEEVQSN	SLKSIDFR	TNKKDKDA	VIVVELVSPA	AIVDIKRVQ	77
NTDB id 1347	HI 0435	AAC22094.1		.....	.....	.....	.....	.....	.....	0
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	.....	.....	.....	.....	.....	0
NTDB id 311937	D1110	RS01030	WP 237586077.1	.....	.....	.....	.....	.....	.....	0
NTDB id 1381	A4U84	RS02010	WP 021113424.1	.....	.....	.....	.....	.....	.....	0
consensus										

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGKYLEV	VISK	..LKADEKPKPKSVLEKE	155	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGKYLEV	VISK	..LKADEKPKPKSVLEKE	155	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	DLLNTSVKDDQLYLLDVKDFSTVSVESVEVFRDTSTTRLVAYIDEDYSHDY	RLTGRYLEV	KVGK	..LKANEKAPDKSILDK	156	
NTDB id 1347	HI 0435	AAC22094.1		.....	.....	.....	.....	.....	28
NTDB id 1373	NTHI	RS02645	WP 011272046.1	.....	.....	.....	.....	.....	28
NTDB id 311937	D1110	RS01030	WP 237586077.1	.....	.....	.....	.....	.....	17
NTDB id 1381	A4U84	RS02010	WP 021113424.1	.....	.....	.....	.....	.....	16
consensus				.....	.....	.....	.....	.....	

logo

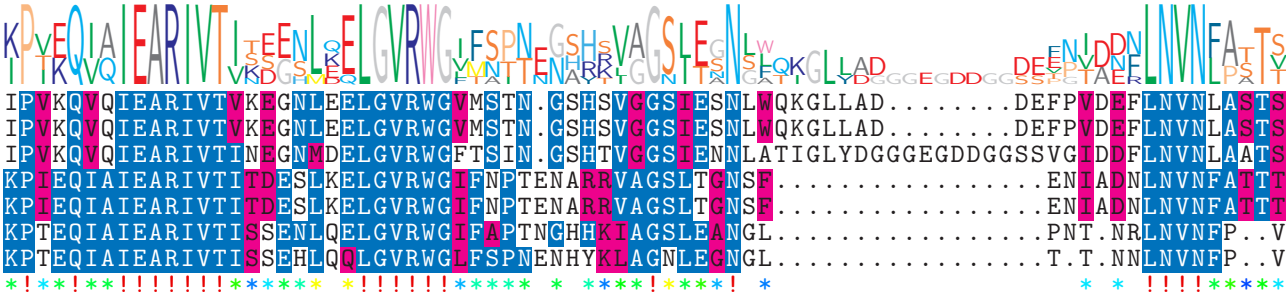
NTDB id 1186	GTF74	RS01320	WP 000788426.1	GKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLT	LRLDGVPWQQVLDI	ILQVKGLDKR	V	VDGNVIL	IAPKEELD	DLR	235	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	GKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLT	LRLDGVPWQQVLDI	ILQVKGLDKR	V	VDGNVIL	IAPKEELD	DLR	235	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	GKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLT	LRLDGVPWQQVLDI	ILQVKGLDKR	V	VDGNVIL	IAPKEELD	DLR	236	
NTDB id 1347	HI 0435	AAC22094.1		NERFFIRLSQAPLAQTLEQLAFQQD	VNLVIGDILENKISL	KLNNIDMPRL	LQIIAKSKHL	TLNKDDGIYYL	NGSQSGKGQ		108	
NTDB id 1373	NTHI	RS02645	WP 011272046.1	NECFFIRLSQAPLAQTLEQLAFQQD	VNLVIGERLEGNISL	KLNNIDMPRL	LQIIAKSKHL	TLNKDDGVVY	NGSQSGKGQ		108	
NTDB id 311937	D1110	RS01030	WP 237586077.1	.NTFSLISLKNAPTAEILSYLAEY	GKNIVLSDNIETNT	TLRIENSDFGS	VLKSITRANK	LTSAYEKQIYF	ICHKKDEKAA		96	
NTDB id 1381	A4U84	RS02010	WP 021113424.1	NQQISLSIRNAPTAEIISYLAEET	GKNITISDEIKDT	KNFRVEKSHF	DEILNSLIK	THQLNLKKENG	IYYIHQAQ	EHKQH	96	
consensus				***	***	*****	***	***	*****	*****	***	***

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	EKQALEKARLAEELGDLKSEI	IKINFAKASDIAAM	IGGEGNVNMLSERGSIS	IDERTNSLLIRELP	DNIAVIREI	IIESLD	315			
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	EKQALEKARLAEELGDLKSEI	IKINFAKASDIAAM	IGGEGNVNMLSERGSIS	IDERTNSLLIRELP	DNIAVIREI	IIESLD	315			
NTDB id 1408	DSB67	RS13980	WP 010643500.1	EKQALEKQKLEKEIGELSS	EIKVNFAKASDIAEM	INGEGNISMLSDRGSMT	IDERTNSLLIRELP	ENIEVIREI	IIESLD	316			
NTDB id 1347	HI 0435	AAC22094.1		VAGNLT.....	TNEPHLVSHTVKLHF	AKASELMKSLT	.TGSGSLLSPAGS	ITFDDRSNLLVIQDE	PRSVQNIKKLIAEMD	182			
NTDB id 1373	NTHI	RS02645	WP 011272046.1	VAGNLT.....	TNEPHLVSHTVKLHF	AKASELMKSLT	.TGSGSLLSSAGS	ITFDDRSNLLVIQDE	PRFVQNIKKLIAEMD	182			
NTDB id 311937	D1110	RS01030	WP 237586077.1	TAIGN...SDLLKPKLIT	KTIKLDYAKAA	EVIESLT	.KSGSHFLSENGYL	HFDDRSNSLI	IKDSPESMKNI	VQLIRNLD	172		
NTDB id 1381	A4U84	RS02010	WP 021113424.1	TTAQLV.....	NALPKLIT	KTIKLHYSKASEV	IESLT	.KGQGNLLSESGYL	HFDDRSNSIIVK	DSAA	SVKNFTQL	IESLD	170
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 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 311937 D1110 RS01030 WP 237586077.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



386
386
395
245
245
232
229

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 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 311937 D1110 RS01030 WP 237586077.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



465
465
474
324
324
311
308

logo

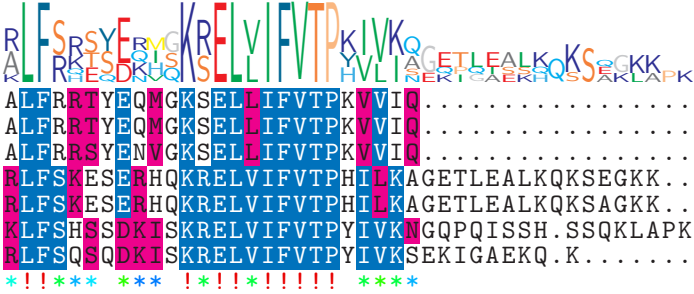
NTDB id 1186 GTF74 RS01320 WP 000788426.1
NTDB id 1175 A1552VC RS12105 WP 000788426.1
NTDB id 1408 DSB67 RS13980 WP 010643500.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 311937 D1110 RS01030 WP 237586077.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



545
545
554
404
404
390
385

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 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 311937 D1110 RS01030 WP 237586077.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



571
571
580
445
445
432
420

☒ non conserved
☒ similar
☒ ≥ 50% conserved