

logo

NTDB id 1186	GTF74	RS01320	WP 000788426.1	..MKNGLKT..YVAQTLWTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPSAVVDVQKVQEGLSI	76		
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	..MKNGLKT..YVAQTLWTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPSAVVDVQKVQEGLSI	76		
NTDB id 1408	DSB67	RS13980	WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLAP...	FVAAEEVQSN	SLKSIDFR	TNKKDKDAVIVVELVSPA	IVDIKRVQEGLSI	77
NTDB id 1347	HI 0435	AAC22094.1							0
NTDB id 1373	NTHI	RS02645	WP 011272046.1						0
NTDB id 312069	D1105	RS01045	WP 005614439.1						0
NTDB id 1381	A4U84	RS02010	WP 021113424.1						0
consensus									

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NTDB id 1186	GTF74	RS01320	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGKYLEVVISK	..LKADEKPKPKSVLEKE	155	
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	TLKGKYLEVVISK	..LKADEKPKPKSVLEKE	155	
NTDB id 1408	DSB67	RS13980	WP 010643500.1	DLLNTSVKDDQLYLLDVKDFSTVSVESVEVFRDTSTTRLVAYIDEDYSHDY	RLTGRYLEVKVGK	..LKANEKAPDKSILDK	156	
NTDB id 1347	HI 0435	AAC22094.1			MKKYFLKCGYFLVCFCLP	LIVFANP	KTD	28
NTDB id 1373	NTHI	RS02645	WP 011272046.1		MKKYFLKCGYFLVCFCLP	LIVFANP	KTD	28
NTDB id 312069	D1105	RS01045	WP 005614439.1		MRKM	IWLLLFILTP	VMA	17
NTDB id 1381	A4U84	RS02010	WP 021113424.1		MRV	LFLFFATFP	VLA	16
consensus					** * *	!	*	

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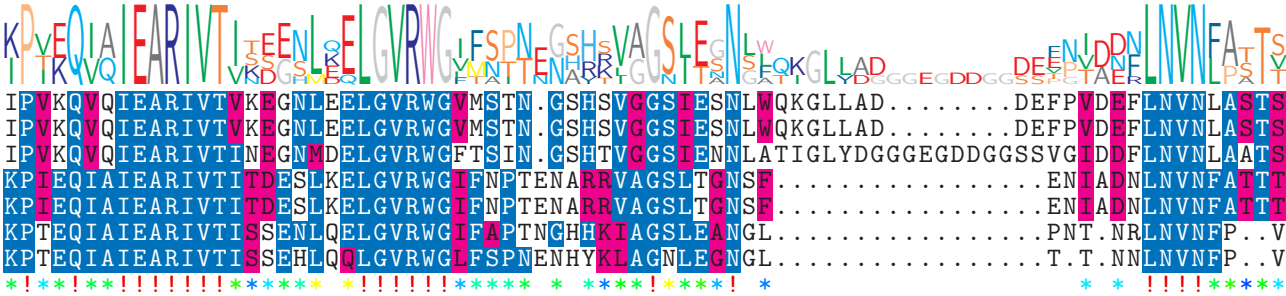
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NTDB id 1175	A1552VC	RS12105	WP 000788426.1	GKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLT	LRLDGVPWQQVLDIILQVKGLDKRVDGNVIL	IAPKEELD	DLR	235									
NTDB id 1408	DSB67	RS13980	WP 010643500.1	GKLISINFQDIPVRNVLQLIADYNGFNLVSDSVVGNLT	LRLDGVPWQQVLDIILQVKGLDKRVDGNVIL	VAPKDEL	DLR	236									
NTDB id 1347	HI 0435	AAC22094.1		NERFFIRLSQAPLAQTLEQLAFQQDVLN	IGDILENKISLKLNNIDMPRL	LQIIAKSKH	LTNLKDDGIYYL	NGSQSGKGQ	108								
NTDB id 1373	NTHI	RS02645	WP 011272046.1	NECFFIRLSQAPLAQTLEQLAFQQDVLN	VMGERLEGNISLKLNNIDMPRL	LKIIAKSKH	LTNLKDDGVYYL	NGSQSGKGQ	108								
NTDB id 312069	D1105	RS01045	WP 005614439.1	.NTFSLISLKNAPTAEILSYLAEYEGKNIVLSDN	IETNTTLRIENSDFDSVLKSITRANK	LTSAYEKQIYF	IGHKKDEKAA		96								
NTDB id 1381	A4U84	RS02010	WP 021113424.1	NQQISLSIRNAPTAEIISYLAEETGKNITISDE	IKDTKNFRVEKSHFDEILNSLIK	THQLNLKKE	NGIYYIHQAQ	EHKQH	96								
consensus				***	***	*****	***	***	*****	***	***	*****	***	***	*****	***	***

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NTDB id 1186	GTF74	RS01320	WP 000788426.1	EKQALEKARLAEELGDLKSEI	IKINFAKASDIAAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDNI	IAVIREIIIESLD	315			
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	EKQALEKARLAEELGDLKSEI	IKINFAKASDIAAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDNI	IAVIREIIIESLD	315			
NTDB id 1408	DSB67	RS13980	WP 010643500.1	EKQALEKQKLEKEIGELSS	EIKVNFAKASDIAEMINGEGNISMLSDRGSMT	IDERTNSLLIRELPEN	IEVIREIIIESLD	316			
NTDB id 1347	HI 0435	AAC22094.1		VAGNLT.....TNEPHLV	SHTVKLHF	AKASELMKSLT	..TGSGSLLSPAGSITFDDRSN	LLVIQDEPRSVQNIKKLIAEMD	182		
NTDB id 1373	NTHI	RS02645	WP 011272046.1	VAGNLT.....TNEPHLV	SHTVKLHF	AKASELMKSLT	..TGSGSLLSPAGSITFDDRSN	LLVIQDEPRSVQNIKKLIAEMD	182		
NTDB id 312069	D1105	RS01045	WP 005614439.1	TAIGN...SDLLKPKLIT	TKIKLDYAKAAE	EVIESLT	..KSGSHFLSENGYLHFD	DRSNSLIKDSPE	SMKNIVQLIRNLD	172	
NTDB id 1381	A4U84	RS02010	WP 021113424.1	TTAQLV.....NALPKLIT	TKIKLHYSKASE	VIESLT	..KGQGNL	SESGYLHFD	DRSNSIIVKDS	AAASVKNFTQLIESLD	170
consensus				*****	*****	*****	*****	*****	*****	*****	*****

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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 312069 D1105 RS01045 WP 005614439.1
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 312069 D1105 RS01045 WP 005614439.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



465
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311
308

logo

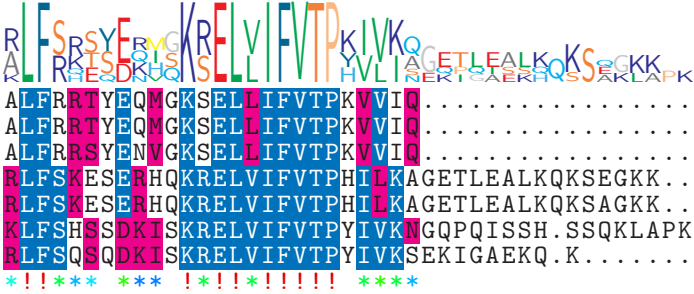
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NTDB id 1175 A1552VC RS12105 WP 000788426.1
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NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
NTDB id 312069 D1105 RS01045 WP 005614439.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



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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 312069 D1105 RS01045 WP 005614439.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



571
571
580
445
445
432
420

☒ non conserved
☒ similar
☒ ≥ 50% conserved