

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...	FVAAEEVQSNLSKSIDFRTNKDKDAVIVVELVSPAAIVDIKR	77
NTDB id 1381	A4U84	RS02010	WP	021113424.1			0
NTDB id 356151	E5136	RS03210	WP	061406404.1			0
NTDB id 1347	HI	0435	AAC22094.1				0
NTDB id 1373	NTHI	RS02645	WP	011272046.1			0
consensus							0

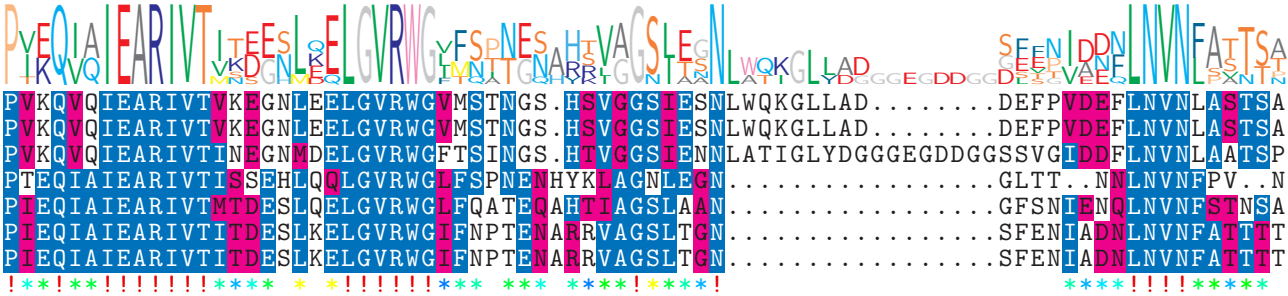
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NTDB id 1175	A1552VC RS12105 WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGGEFQHD	YTLKGYKYLEVVISK	LKADEKPKPK	SVLEK	EG	156
NTDB id 1408	DSB67 RS13980 WP 010643500.1	DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDSTTRLVAYIDEDYSHD	YRLTGRYLEVKVGK	LKANEKAPDK	SILDK	EG	157
NTDB id 1381	A4U84 RS02010 WP 021113424.1	MRYLFL.....F.....	FA	TFPVLN			17
NTDB id 356151	E5136 RS03210 WP 061406404.1	MWRAFRKIS.FVYFLCGVAY.....VG	SSQAQ	DA			28
NTDB id 1347	HI 0435 AAC22094.1	MKKYFLKCGYFLVCFCLPLI.....VF	ANPKTD				29
NTDB id 1373	NTHI RS02645 WP 011272046.1	MKKYFLKCGYFLVCFCLPLI.....VF	ANPKTD				29
consensus							

NTDB id	1186	GTF74	RS01320	WP	000788426.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSSVVGNLTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	IAPKEELDRE	236										
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSSVVGNLTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	IAPKEELDRE	236										
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSEVEGNTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	VAPKDELDRE	237										
NTDB id	1381	A4U84	RS02010	WP	021113424.1	QQLSISIRNPAPTAEILISYLAEETGKNITIS	DEIKDTKNFRVEKSHFDEILNSLIKT	HQLNLLKKENG	IYYIHQAQEH....	93										
NTDB id	356151	E5136	RS03210	WP	061406404.1	EHFYLRLLKGAPIIVEMLQYLAALQHQLDL	LDDHLEGTLSLQMCKTTTFEKCLQSIARMKQL	ELHQEKSYYLTSPSG....		103										
NTDB id	1347	HI	0435	AA	C22094.1	ERFFIRLSGAPLAQTLEQLAFQGDVNVLVI	GDILENKISLKLNNIDMPRLLIKIIAKSKH	LTLNKKDDGYIYNLGSQSG...		105										
NTDB id	1373	NTHI	RS02645	WP	011272046.1	ECFFIRLSGAPLAQTLEQLAFQGDVNVLVM	GERLEGNISLKLNNIDMPRLLIKIIAKSKH	LTLNKKDDGYIYNLGSQSG...		105										
consensus						*** * *	* ! *	*****	* ! *	*****	*	! *	*****	*	!	*****	*	!	*****	*

NTDB	id	1186	GTF74	RS01320	WP	000788426.1	KQALEKARLAEEIGDLKSEIKIKINFAKASDI	AAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDN	I	AV	IRE	IESLD	I	316	
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	KQALEKARLAEEIGDLKSEIKIKINFAKASDI	AAMIGGEGNVNMLSERGSIS	IDERTNSLLIRELPDN	I	AV	IRE	IESLD	I	316	
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	KQLEKQKLEKEIGELSEIKIKINFAKASDI	AEMINGEINSMLSDRGSM	IDERTNSLLIRELPEN	I	EV	IRE	IESLD	I	317	
NTDB	id	1381	A4U84	RS02010	WP	021113424.1	.KQHTTACLVNALPKLITTKIKLHYSKASEV	IESLT.KGGGNLLSESGYLHFFDRSNS	IIVKDSAAS	VKNFTQL	IESLDK				171	
NTDB	id	356151	E5136	RS03210	WP	061406404.1	...VAANDTHHPTS	LMTSSIKLHFAKAAEVV	KSLT.SGGGSLLSVG	GSLSFDERTNLLIQDE	PQS	IQR	IKALVA	EMDK	178	
NTDB	id	1347	HI	0435	AAC22094.1		.KQQVAGNLT	TNEPHLV	SHTV	KLHFAKASELM	KSLT.TGSGSLLSPAGSIT	FDDRSNLLVIQDE	PRSVQNI	KKLIA	EMDK	183
NTDB	id	1373	NTHI	RS02645	WP	011272046.1	.KQQVAGNLT	TNEPHLV	SHTV	KLHFAKASELM	KSLT.TGSGSLLSPAGSIT	FDDRSNLLVIQDE	PRFVQNI	KKLIA	EMDK	183
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 1381 A4U84 RS02010 WP 021113424.1
NTDB id 356151 E5136 RS03210 WP 061406404.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



387
387
396
230
241
246
246

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 356151 E5136 RS03210 WP 061406404.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



466
466
475
309
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325

logo

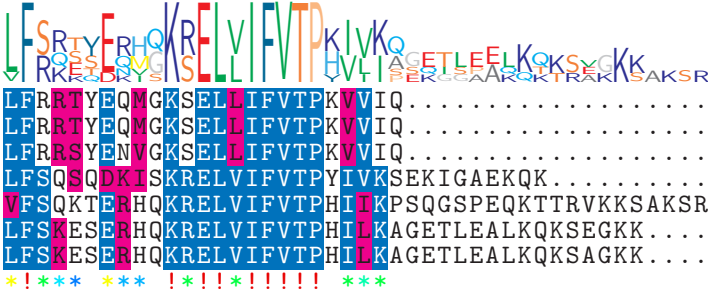
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NTDB id 356151 E5136 RS03210 WP 061406404.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



546
546
555
386
400
405
405

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 356151 E5136 RS03210 WP 061406404.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



571
571
580
420
444
445
445

☒ non conserved
☒ similar
☒ ≥ 50% conserved