

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 204468	BMF22	RS01430	WP	016533996.1			0
NTDB id 1347	HI	0435	AAC22094.1				0
NTDB id 1373	NTHI	RS02645	WP	011272046.1			0
consensus							0

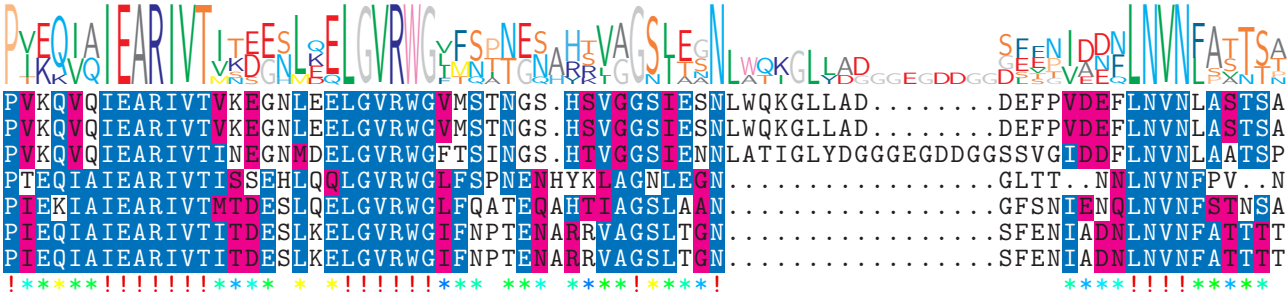
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NTDB id 1175	A1552VC	RS12105	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEGFQHD	YTLKGYKYLEVVISK	LKADEKPKPK	SVLEK	EG	156
NTDB id 1408	DSB67	RS13980	WP	010643500.1	DLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDSTTRLVAYIDEDYSHD	YRLTGRYLEVVKVGK	LKANEKAPDK	SILDK	EG	157
NTDB id 1381	A4U84	RS02010	WP	021113424.1	MRYLFLL.....F.....FATFPVLAN					17
NTDB id 204468	BMF22	RS01430	WP	016533996.1	MWRAFRKIS.FVYFLCGVAY....VGSSQAQDA					28
NTDB id 1347	HI 0435	AAC22094.1			MKKYFLKCGYFLVCFCLPLI....VFANPKTDN					29
NTDB id 1373	NTHI	RS02645	WP	011272046.1	MKKYFLKCGYFLVCFCLPLI....VFANPKTDN					29
consensus						***	***	*	*	**

[illegible]

NTDB id 1186 GTF74 RS01320 WP 000788426.1 KQALEKARLAEEIGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI 316
NTDB id 1175 A1552VC RS12105 WP 000788426.1 KQALEKARLAEEIGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDI 316
NTDB id 1408 DSB67 RS13980 WP 010643500.1 KQQLEKKQLKEKELSELSEIKVINFAKASDIAEMINGEINSMLSDRSGMTSIDERTNSLLIRELPELVIEVIREIIESLDI 317
NTDB id 1381 A4U84 RS02010 WP 021113424.1 .KHHTTACLVNALPKLTITTKLHLYSKASEVEITESLT.KGGGNLLSESGLYLFHDDRNSIIIVKD SAASKVKNFQTQLIESLDDK 171
NTDB id 204468 BMF22 RS01430 WP 016533996.1 ...VAANDTHHPSTSLMPTSSIKLHFKAKEAEVVKSALT.SGGSSL SVSGLSFDERTNLLLIQEDEPQS IQRITKALA VEA MDK 178
NTDB id 1347 HI_0435 AAC22094.1 .KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPAGSITFDRRSNLLVIQDEPRSVQN IKK LIA EMDK 183
NTDB id 1373 NTHI RS02645 WP 011272046.1 .KGQVAGNLTTNEPHLVSHTVKLHFAKASELMKSLT.TGSGSLLSPA GSITFDRRSNLLVIQDEPRFVQN IKK LIA EMDK 183
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 204468 BMF22 RS01430 WP 016533996.1
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 204468 BMF22 RS01430 WP 016533996.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



466
466
475
309
320
325
325

logo

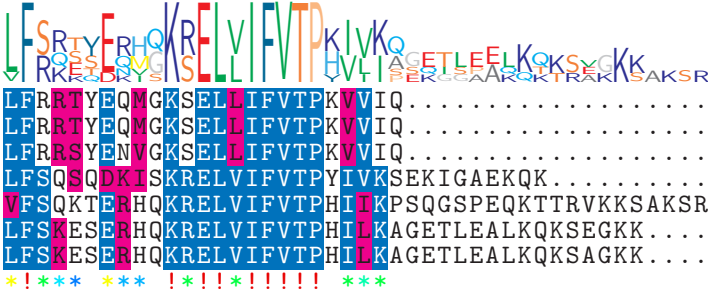
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NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 204468 BMF22 RS01430 WP 016533996.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



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 204468 BMF22 RS01430 WP 016533996.1
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