

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...FVAAEEVQSNSLKSIDFRTNKKDKDAVIVVELVSPAAIVDIKR VQEGLSI	77
NTDB id 1381	A4U84 RS02010 WP 021113424.1		0
NTDB id 180907	A4212 RS02080 WP 015702713.1		0
NTDB id 1347	HI 0435 AAC22094.1		0
NTDB id 1373	NTHI RS02645 WP 011272046.1		0
consensus			0

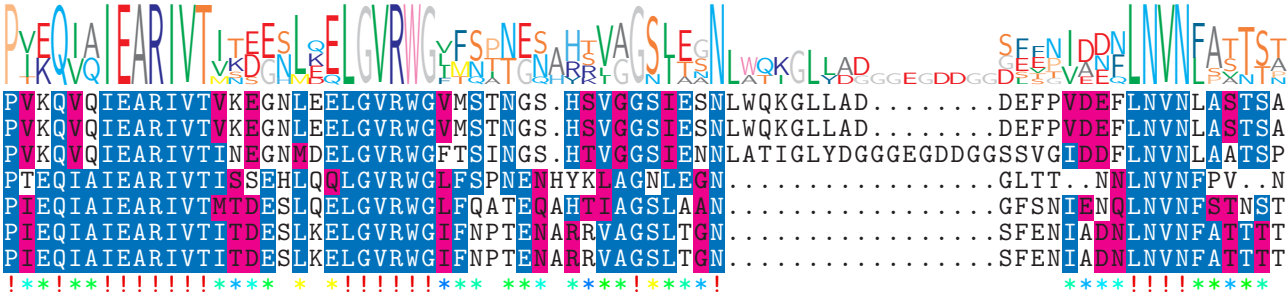
NTDB id 1186	GTF74	RS01320	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGGEFQHD	YTLKGYKYLEVVISK	LKADEKPKPK	SVLEK	EG	156
NTDB id 1175	A1552VC	RS12105	WP	000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGGEFQHD	YTLKGYKYLEVVISK	LKADEKPKPK	SVLEK	EG	156
NTDB id 1408	DSB67	RS13980	WP	010643500.1	DLNNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSSTRLLVAYIDEDYSHD	YRLTGRYLEVVKVGK	LKANEKAPDK	SILDK	EG	157
NTDB id 1381	A4U84	RS02010	WP	021113424.1	MRYLFLL.....F.....FATFPVLAN					17
NTDB id 180907	A4212	RS02080	WP	015702713.1	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						***	***	*	*	**

NTDB id	1186	GTF74	RS01320	WP	000788426.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSSVVGNLTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	IAPKE	E	L	D	L	R	E		236					
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSSVVGNLTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	IAPKE	E	L	D	L	R	E		236					
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KLISINFDQIPVRNVQLIADYNGFNLVVS	DSEVEGNTLRLDGVPPQQVLDIILQVKGLDKRV	DGNVIL	VAPKD	E	L	D	L	R	E		237					
NTDB id	1381	A4U84	RS02010	WP	021113424.1	QQLSISIRNPAPTAEILSYLAETGKNITISDEIK	TDKTNFRVEKSHFDEILNSLIKT	HQLNLLKKENG	IYYIHQAQ	E	H	.	.	.	.		93					
NTDB id	180907	A4212	RS02080	WP	015702713.1	EHFYLR	LKGAPIVEMLQYLALQHQDLIDHLEGTLSL	QMCKTTFEKCLQSIA	RMKQLELHQE	CKSYYLTSPSG	.	.	.	.		103						
NTDB id	1347	HI	O435	AA	C22094.1	ERFFIR	LSGAPLAQTLEQLAFQGDVN	LVIGDILENKISLKLNNIDMPRL	LKIIAKSKH	LTLNKDDG	IYYL	N	G	S	Q	S	G	.	105			
NTDB id	1373	NTHI	RS02645	WP	011272046.1	ECFFIR	LSGAPLAQTLEQLAFQGDVN	LVLMGERLEGNISLKLNNIDMPRL	LKIIAKSKH	LTLNKDDG	VYYL	N	G	S	Q	S	G	.	105			
consensus						***	*	*	*	!	*	*****	*	*****	*****	*****	*	*	!*	*****	*****	*

NTDB id	1186	GTF74	RS01320	WP	000788426.1	KQALEKARLAEEIGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREITIESLDI	316
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KQALEKARLAEEIGDLKSEIKINFAKASDIAAMIGGEGNVNMLSERGSISIDERTNSLLIRELPDNIAVIREITIESLDI	316
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KQQLEKKQLKEKELSGLSSEIKVINFAKASDAEMINGEENISMSLDRGSMTIDERTNSLLIRELPDENIEVEIREITIESLDI	317
NTDB id	1381	A4U84	RS02010	WP	021113424.1	.KQHTTAQLVNALPKLITTKIKLHYSKASEVITESLT.KGGGNLLSESGLYLFHDDRNSIIIVKD SAASKVKNFQTQLIESLDDK	171
NTDB id	180907	A4212	RS02080	WP	015702713.1	...VAANDTHHPTS LMTSSIKLHFAKAAEVVKS LT.SGGG SLLSVG GSLSFDERTNL LLIQDE PQS IQR TKALVAEMDK	178
NTDB id	1347	HI_0435	AA022094.1			.KGQVAGNLT TNNEPHLVSH TVKLHF AKASELM KSLT.TGSG SLLSPAGS ITFDDR SNLLVI QDEPR SVQN IKK LI AEMDK	183
NTDB id	1373	NTHI	RS02645	WP	011272046.1	.KGQVAGNLT TNNEPHLVSH TVKL HF AKASE LM KS LT.TGSG SLLSPA GSIT FDDR SNLLVI QDE PRF VQN IKK LI AEMDK	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 180907 A4212 RS02080 WP 015702713.1
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 180907 A4212 RS02080 WP 015702713.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



466
466
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309
320
325
325

logo

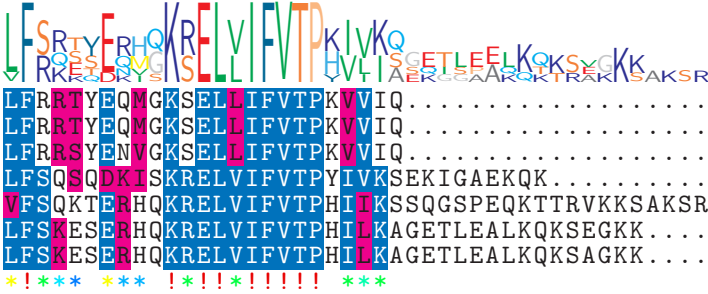
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NTDB id 1381 A4U84 RS02010 WP 021113424.1
NTDB id 180907 A4212 RS02080 WP 015702713.1
NTDB id 1347 HI 0435 AAC22094.1
NTDB id 1373 NTHI RS02645 WP 011272046.1
consensus



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 180907 A4212 RS02080 WP 015702713.1
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