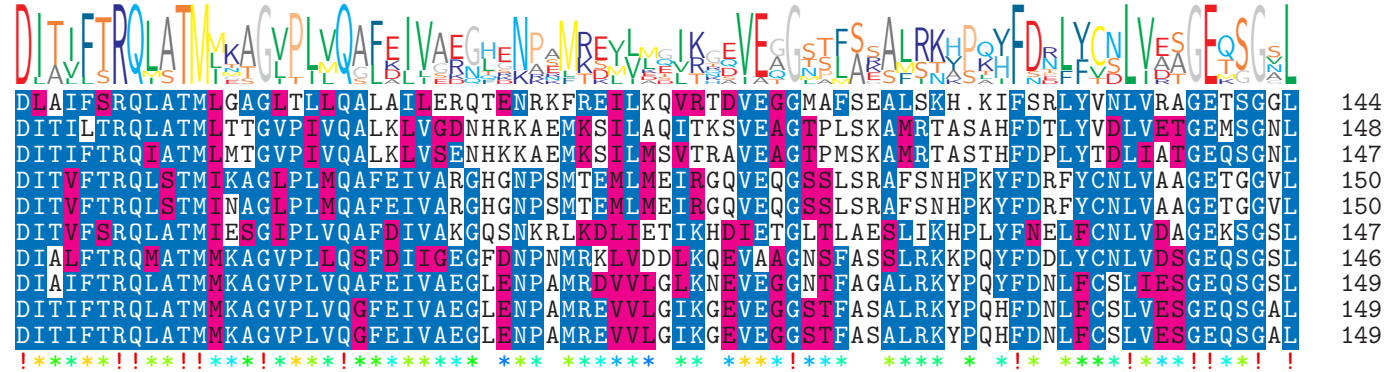


```

NTDB id 1029 TT RS02230 WP 011228203.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1112 NFGF RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 237952 Aba7804 RS19805 WP 000279216.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

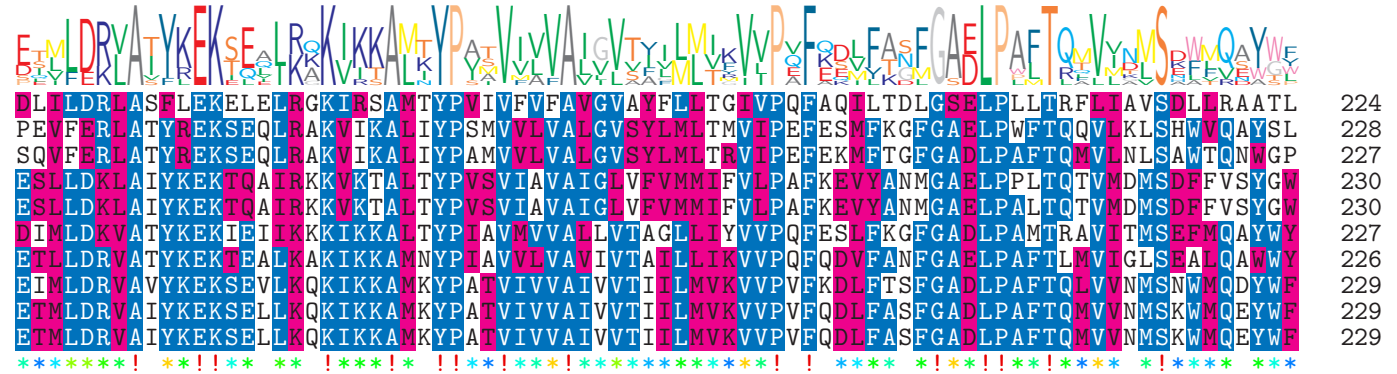
```



```

NTDB id 1029 TT RS02230 WP 011228203.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1112 NFGF RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 237952 Aba7804 RS19805 WP 000279216.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

```



logo

NTDB id 1029	TT RS02230 WP 011228203.1	PLLLLAVALFFAYRW.YYGTIPQGRRV	IDRLKLRPLVFGNINRKTAVARFSRTLALLSSSGVNIVEALDITKGTAGNSVVE	303
NTDB id 1169	A1552VC RS11075 WP 000648511.1	WAFIAIAAAIFGLKALRKN	SFQIRLKT SRLGLKFPITIGNVLAKASIAKFSRTLATSFAAGIPILASLKT	308
NTDB id 1402	DSB67 RS12670 WP 010643257.1	FIGLSFVSLISGKIMSQRSDS	FRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTT	307
NTDB id 1112	NGFG RS09215 WP 003689811.1	MVLIALGFATYGF	FLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLD	310
NTDB id 1113	AAA85695.1 219..1451()	MVLIALGFATYGF	FLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLD	310
NTDB id 1252	GC085 RS07730 WP 011213805.1	IIIFGALGGVVYSFF	YAKNHSLEFAQTTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNNIYA	307
NTDB id 1198	PSJM300 03950 AFN76868.1	VVLAGFVGAA	YAFKQAHTRSEKFRNWFDRMLMKVPVVGDIYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNNVFR	306
NTDB id 1016	ACIAD RS01680 WP 004920476.1	ILILVIGAATAGFLE	ARKRSKRFRDQDLRLVLRPLVIGDLVYKAI	309
NTDB id 237952	Aba7804 RS19805 WP 000279216.1	IMITATGAVIAA	FLAARSKKFRDGLDKLALKLPIFGDLVYKAI	309
NTDB id 1059	ABD1 RS01610 WP 000279215.1	IMITATGAVIAA	FLAARSKKFRDGLDKLALKLPIFGDLVYKAI	309
consensus		*****	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****	

logo

NTDB id 1029	TT RS02230 WP 011228203.1	EIVEAAKLKIQ	QGDPLNLTLAQHPFVFP	PMVSSMVAIGEETGALD	TMLS	SKVADF	YERE	VD	EA	VAS	LTAA	IE	PL	MI	IF	LG	V	383																																																
NTDB id 1169	A1552VC RS11075 WP 000648511.1	TAINEVYRDTA	AGMPMYIAMR.N	TEAFPEMVLQ	VMVIGEESGQLD	MLN	KVAT	IY	EFE	VD	NT	VD	NL	GK	ILE	PL	IIV	FLGT	387																																															
NTDB id 1402	DSB67 RS12670 WP 010643257.1	LAIEEVYRDTA	AGMPMYIAMR.	HCHVFPELVL	QVMVIGEESGR	LD	MLN	K	IA	AI	YEF	EVD	NT	VD	NL	SK	ILE	PL	IIV	FLGV	386																																													
NTDB id 1112	NGFG RS09215 WP 003689811.1	EATREIRTRV	IQGLSMTSGMR.	ATELFPNMML	QMSSIGEESG	SLD	MLN	K	AA	E	F	Y	E	D	V	N	A	V	G	R	L	S	A	M	M	E	P	I	I	V	I	L	G	L	389																															
NTDB id 1113	AAA85695.1 219..1451()	EATREIRTRV	IQGLSMTSGMR.	ATELFPNMML	QMSSIGEESG	SLD	MLN	K	AA	E	F	Y	E	D	V	N	A	V	G	R	L	S	A	M	M	E	P	I	I	V	I	L	G	L	389																															
NTDB id 1252	GC085 RS07730 WP 011213805.1	KATDKIRE	EVATGQQMFI	AME.N	THLFPNMVI	QMVAIGEES	GAL	E	K	M	L	S	K	V	A	D	F	Y	E	E	V	N	N	A	V	D	A	L	S	S	L	L	E	P	I	I	M	S	I	L	G	I	386																							
NTDB id 1198	PSJM300 03950 AFN76868.1	SATNKKIS	DVSSGMQLN	F	S	M	R.	T	T	G	T	F	P	S	M	A	V	Q	M	T	A	I	G	E	E	S	G	A	L	D	E	M	L	S	K	V	A	T	F	Y	E	D	V	N	M	V	D	G	L	T	A	L	M	E	P	M	I	M	A	V	L	G	V	385		
NTDB id 1016	ACIAD RS01680 WP 004920476.1	QAVLKIRE	DVSTGQQLN	F	A	M	R.	V	S	N	R	F	P	T	M	A	I	Q	M	V	A	I	G	E	E	S	G	A	L	D	E	M	L	D	K	V	A	N	Y	Y	E	S	E	V	D	H	A	V	D	G	L	T	S	M	M	E	P	L	I	M	A	I	L	G	I	388
NTDB id 237952	Aba7804 RS19805 WP 000279216.1	KAVMKIRE	DVATGQQLQ	F	A	M	R.	V	S	N	R	F	P	S	M	A	I	Q	M	V	A	I	G	E	E	S	G	A	L	D	S	M	L	D	K	V	A	T	Y	Y	E	N	E	V	D	N	A	V	D	G	L	T	S	M	M	E	P	L	I	M	A	I	L	G	V	388
NTDB id 1059	ABD1 RS01610 WP 000279215.1	KAVMKIRE	DVATGQQLQ	F	A	M	R.	I	S	N	R	F	P	S	M	A	I	Q	M	V	A	I	G	E	E	S	G	A	L	D	S	M	L	D	K	V	A	T	Y	Y	E	N	E	V	D	N	A	V	D	G	L	T	S	M	M	E	P	L	I	M	A	I	L	G	V	388
consensus		*****	*****!*****	*****	*	!!!!	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****																																																											

<0

logo

NTDB id 1029	TT RS02230 WP 011228203.1	IVGMIVACMFLPLFKI	IIGTISVQ	406
NTDB id 1169	A1552VC RS11075 WP 000648511.1	VVGGLVVAMYLPIFNLMSV	LG..	408
NTDB id 1402	DSB67 RS12670 WP 010643257.1	VVGGLVTAMYLPIFNLMSV	LG..	407
NTDB id 1112	NGFG RS09215 WP 003689811.1	VIGTLLVAMYLPLFNLGNVVA	..	410
NTDB id 1113	AAA85695.1 219..1451()	VIGTLLVAMYLPLFNLGNVVA	*.	410
NTDB id 1252	GC085 RS07730 WP 011213805.1	LVGGLVVAMYLPIFKLGS	AV...	406
NTDB id 1198	PSJM300 03950 AFN76868.1	LVGGLIIAMYLPIFQMGS	VV...	405
NTDB id 1016	ACIAD RS01680 WP 004920476.1	LVGGLVIAMYLPIFQMGS	VV...	408
NTDB id 237952	Aba7804 RS19805 WP 000279216.1	LVGGLVIAMYLPIFQMGS	VV...	408
NTDB id 1059	ABD1 RS01610 WP 000279215.1	LVGGLVIAMYLPIFQMGS	VV...	408
consensus		***!*****!*****!*****!*****!*****!*****!*****!*****!*****		

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved