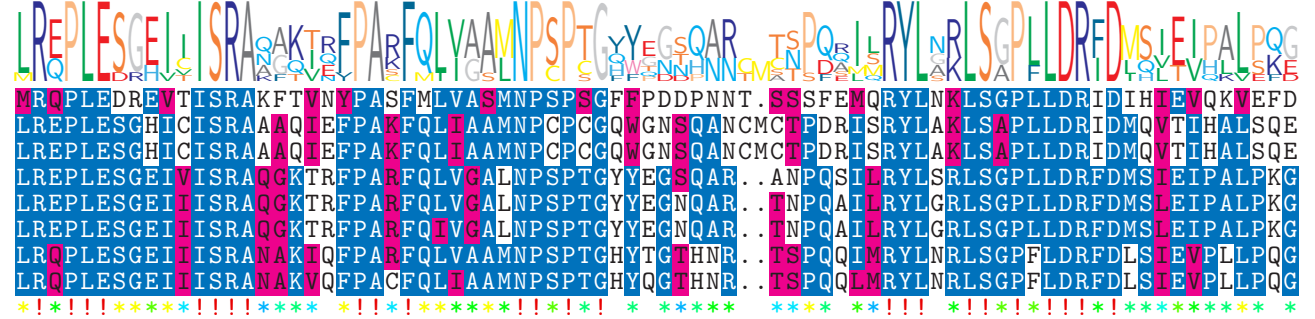


NTDB id	1323	RAOC RS07335 WP 004916218.1	.MLVKKVYGSALIHGVSAQTITTEVNVDQGV.GYHLVLGLPDNALIKESSHRISAAIKNVGYKLPGKKITINMAPADLRKEGSA	78
NTDB id	1271	LPP RS03220 WP 011213198.1	MSLAFTTKRSTIGTIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGTSG	80
NTDB id	1248	GCO85 RS03150 WP 011213198.1	MSLAFTTKRSTIGTIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAIINSQFEFPCRKITVNLGPANLPKTGTSG	80
NTDB id	1153	A1552VC RS00115 WP 000521788.1	MGLAIHSRASLGVQAPPVITEVHTSNGMPGFLLVGLPETTVKESKDRVRSAIINSRFEPFAKRITVNLAPADLPKEGGGR	80
NTDB id	1038701	ACBZ91 RS12825 WP 330471361.1	MGLAIHSRASLVGVQAPSVSVEVHLSNCGMPGFLLVGLPETTVKESKDRVRSAIINSNFQFPFAKRITVNLAPADLPKEGGGR	80
NTDB id	1397	DSB67 RS15690 WP 005535577.1	MGLAIHSRASLVGVQAPSVSVEVHLSNCGMPGFLLVGLPETTVKESKDRVRSAIVNSNFQFPFAKRITVNLAPADLPKEGGGR	80
NTDB id	1349	HI 1117 AAC22771.1	MSLAIVYSRASMGVQAPLVTIEVHLSNCKPGLTFVGLPEKTVKEAQDVRVSALMNAQFKYPAKRITVNLAPADLPKEGGGR	80
NTDB id	1387	A4U84 RS06900 WP 020457569.1	MSLAIVYSRASLGVEAPLVTIEVHLSGSPGLTLVLGLPEKSVKAEQDVRVSALMNANDYPAARRITVNLAPADLPKEGGGR	80
consensus			* ! ** * ~**~*! * ! * ~***!! ****~*!*~*~*!! ***~*~*!!*~*~*~*!!*~*~*~*!!*~*~*~*!!*	

NTDB id 1323	RAOC RS07335 WP 004916218.1	YDLSTAIGILAASGQIIAPEIERVYLIMGELSLDGGLQPIKGVLPATIRAREEGFGKGIILPKQNTREAAIVNDLEVYGVEN	158
NTDB id 1271	LPP RS03220 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLTGHQKVF	159
NTDB id 1248	GCO85 RS03150 WP 011213198.1	FDLPIALGILAASEQIPLTNLANHEFIGELALSGELRGVSAIIPAVLAAHK.DNQHLIIANANAAEASLTGHQKVF	159
NTDB id 1153	A1552VC RS00115 WP 000521788.1	FDLPIALGILAASQDIARNKLSEYEFIGELALSGELRGVLPAAALAAHQ.VERCLVVPHSNGDQAALVGVRHKS	159
NTDB id 1038701	ACBZ91 RS12825 WP 330471361.1	FDLPIALGILAASEQIATDKLKNYEFVIGELALSGGLRPVKGVLPAAALAAHK.FQRHLVVPHVNGDQAALVGKEQHK	159
NTDB id 1397	DSB67 RS15690 WP 005535577.1	FDLPIALGILAASEQIATDKLKNYEFVIGELALSGGLRGVLPAAALAAHK.KQRHLVVPHVNGDQAALVGKEQHK	159
NTDB id 1349	HI 1117 AAC22771.1	FDLPIALGILAASQDIASHLKQFEFVAELATGQLRGVHGVIPAVLAAQK.SKRELIITAKQNANEASLVSDQNTY	159
NTDB id 1387	A4U84 RS06900 WP 020457569.1	FDLPIALGILAASQDIASDKLKRIELLGELSLTGHLRGVHGAIPAVLAAASK.AKRELIIVPQQNANEVSLVSN	159
consensus		*!!*!!*!!!!!!*!* * **** *! *! *! **** * *! * *! * * * * *! *! * * * * *! *! *! *! *	

[illegible][illegible]

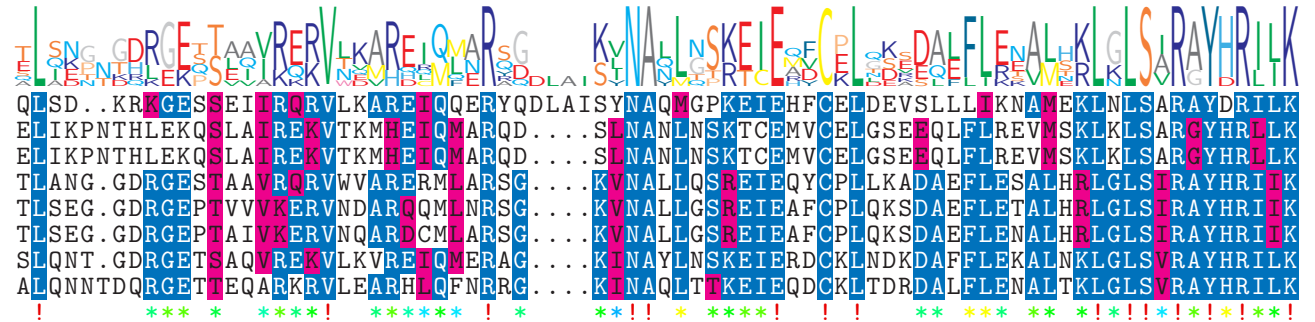
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NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
```



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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1038701 ACBZ91 RS12825 WP 330471361.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

```



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NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1038701 ACBZ91 RS12825 WP 330471361.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

```



- X non conserved
- X similar
- X $\geq 50\%$ conserved