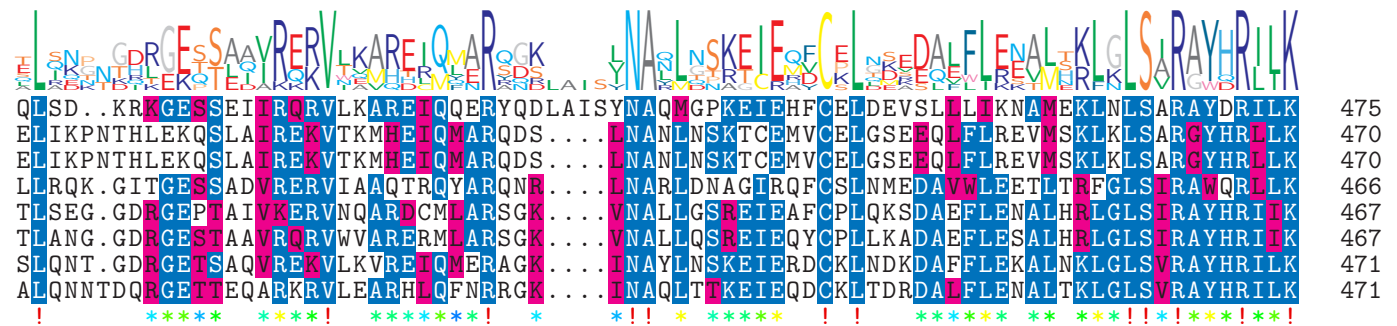


NTDB id	1323	RAOC RS07335 WP	004916218.1	.MLVVKYVGSAIHGVSQAQTITTEVNVDQGV.GYHLVLGLPDNALIKESSHRISAAKKNVGYKLPGKKKITINMAPADLRKEGSA	78
NTDB id	1271	LPP RS03220 WP	011213198.1	MSLAFTKTRSTIGTIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSGFEFPCKRITVNLGPANLPKTGSG	80
NTDB id	1248	GCO85 RS03150 WP	011213198.1	MSLAFTKTRSTIGTIVAQPVSVEVHLSNGLPSFTMVGLAETAVKESKDRVRSAINSGFEFPCKRITVNLGPANLPKTGSG	80
NTDB id	1003317	ABHM55 RS20920 WP	023331589.1	MSLSVVYTRAAALGVKAPLLSEVHLSNGLPGLTMVGLPETVKEARDVRVSAIINSGYTFPAKKITINLAPADLPKEGGR	80
NTDB id	1397	DSB67 RS15690 WP	005535577.1	MGLAIITHSRASVGVQAPSVSVEVHLSNGMPGFTTLVGLPETTVKESKDRVRSAINSVNFQFPAKRITVNLAPADLPKEGGR	80
NTDB id	1153	A1552VC RS00115 WP	000521788.1	MGLAIITHSRASIGVQAPPVLTVEVHLSNGMPGFTTLVGLPETTVKESKDRVRSAINSNRFQFPAKRITVNLAPADLPKEGGR	80
NTDB id	1349	HI 1117 AAC22771.1		MSLAIVYSRASMGVQAPPLVTIEVHLSNGKPFTLVGLPEKTVKEAQDVRVRSALMNARFKYPAKRITVNLAPADLPKEGGR	80
NTDB id	1387	A4U84 RS06900 WP	020457569.1	MSLAIIYSRASIGVEAPLVTIEVHLSGGSPGLTMLVGLPEKSVEKAQQDVRVRSALMNAFDYPARRITINLAPADLPKEGGR	80
consensus				* * ! * * * * * ! * ! * * * * * ! * * * * * ! * * * * * ! * ! * * * * * ! * ! * * * * * ! * ! * * * * * ! * ! * * * * * ! * ! * * * * *	

[illegible][illegible]

NTDB id 1323	RAOC RS07335 WP 004916218.1	PPLTLKEAEETTKTHSVAGKMGAETSLMTIRPFRSPHHTISDV	ALVGGGSYPQ	PGEISLAHNGVLF	LDMP	PEFKRTVLE	318
NTDB id 1271	LPP RS03220 WP 011213198.1	PELSETQALECAAINSIRGKLPDF.REWRILPPFRAPHHTAS	PVALVGGGNPPK	PGEISLAHNGVLF	LDLPEFNRQVLE	314	
NTDB id 1248	GC085 RS03150 WP 011213198.1	PELSETQALECAAINSIRGKLPDF.REWRILPPFRAPHHTAS	PVALVGGGNPPK	PGEISLAHNGVLF	LDLPEFNRQVLE	314	
NTDB id 1003317	ABHM55 RS20920 WP 023331589.1	PPLNNHEAEASATYSLISSTSLQ.KQWRRRPFRSPHHSAS	ITAMVGGGSI	PG	EISLAHNGVLF	LDLPEFERRV	313
NTDB id 1397	DSB67 RS15690 WP 005535577.1	PEMSDEEAMETASVASLTQSEINE.HNWKTRPFRAPHHSS	MAALVGGGSVP	RPGEISLAHNGVLF	LDMP	PEFDRK	314
NTDB id 1153	A1552VC RS00115 WP 000521788.1	PEMSDEEAMETASIASLTQQEINQ.HNWKILRPFRAPHHSS	MAALVGGGTIP	RPGEISLAHNGVLF	LDMP	PEFERK	314
NTDB id 1349	HI 1117 AAC22771.1	PEMTDLEAEETASVTSLVQNELNF.HNWKQRPFRAPHHSS	MPALVGGGTIP	KPGEISLATNGVLF	LDLPEFERK	318	
NTDB id 1387	A4U84 RS06900 WP 020457569.1	PEMEDAEAEETASVTSLVQNELNF.QNWKKRPFRSPHHSAS	MPALVGGGSI	KPGEISLAHNGVLF	LDLPEFERK	317	
consensus		!*****!*****!*	*****!*****!*****!*****!*****!*****!*****!	*****!*****!*****!*****!*****!*****!*****!	*****!*****!*****!*****!*****!*****!*****!		

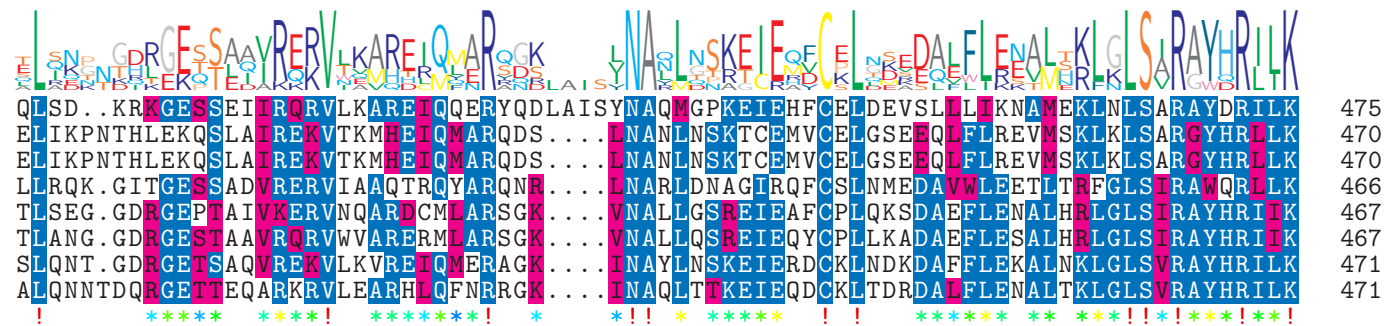
```
NTDB id 1323 RA0C RS07335 WP 004916218.1
NTDB id 1271 LPP RS03220 WP 011213198.1
NTDB id 1248 GC085 RS03150 WP 011213198.1
NTDB id 100317 ABHM55 RS20920 WP 023331589.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus
```



```

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 100317 ABHM55 RS20920 WP 023331589.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

```



```

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 100317 ABHM55 RS20920 WP 023331589.1
NTDB id 1397 DSB67 RS15690 WP 005535577.1
NTDB id 1153 A1552VC RS00115 WP 000521788.1
NTDB id 1349 HI 1117 AAC22771.1
NTDB id 1387 A4U84 RS06900 WP 020457569.1
consensus

```



- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved