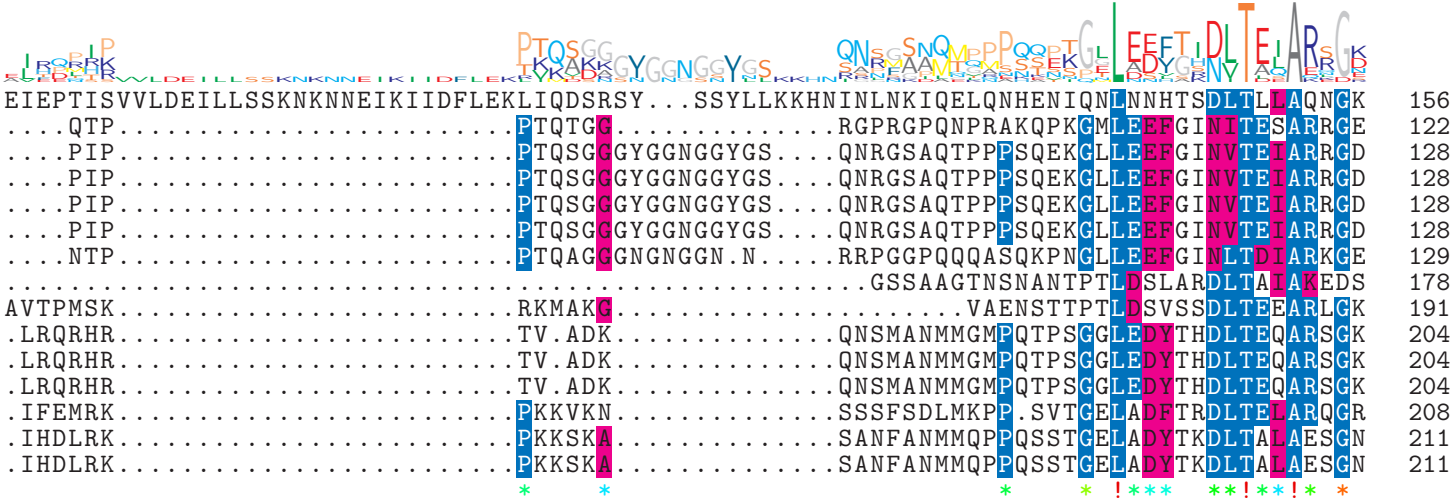


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NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 241 SP RS04015 WP 000882523.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 281 KZH43 RS03550 WP 000882517.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus



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NTDB id 601 KW2 RS02615 WP 021036805.1
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consensus



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NTDB id 601 KW2 RS02615 WP 021036805.1	KAED	FEKAA	HFRDQISKLR	RELQK		QEV	TDDEMP	VITEKD	TEQIV	EQKTQ	IPVGD	LKEKE	EQTQL	INLAD	DLKA	HVIGQDE	A	452		
NTDB id 241 SP RS04015 WP 000882523.1	REED	FEKAA	YFRDQIAKYK	EMQK		KKI	TDQDTP	ISEKT	IEHIE	EQKTN	NIPVG	DLKEKE	EQSQL	IHLAE	DLKSH	VIGQDD	A	458		
NTDB id 243 SPR RS03635 WP 000882517.1	REED	FEKAA	YFRDQIAKYK	EMQK		KKI	TDQDTP	IIEKT	IEHIE	EQKTN	NIPVG	DLKEKE	EQSQL	IHLAE	DLKSH	VIGQDD	A	458		
NTDB id 245 SPD RS03860 WP 000882517.1	REED	FEKAA	YFRDQIAKYK	EMQK		KKI	TDQDTP	IIEKT	IEHIE	EQKTN	NIPVG	DLKEKE	EQSQL	IHLAE	DLKSH	VIGQDD	A	458		
NTDB id 281 KZH43 RS03550 WP 000882517.1	REED	FEKAA	YFRDQIAKYK	EMQK		KKI	TDQDTP	IIEKT	IEHIE	EQKTN	NIPVG	DLKEKE	EQSQL	IHLAE	DLKSH	VIGQDD	A	458		
NTDB id 378 SMU RS02690 WP 002263569.1	RDE	DYEKA	AYFRDQIAKYK	EMQS		AKL	DKENTP	VITEKN	IEVIV	EQKTN	NIPVG	ELKEKE	EQSQL	IHLAD	DLKTR	VIGQDA	A	459		
NTDB id 85 BSU 00860 NP 387967.1	QSQ	EFEKA	ASLRDTEQRL	REQVED	TKKSW	KEKQ	QGQENSE	VTVDD	IAMVV	VSSWT	GVVPV	SKIA	QTETD	DKLLN	MENIL	HSRVIGQDE	A	516		
NTDB id 610 V4T04 RS10165 WP 012897346.1	IKL	DIIKA	SRTKEAVEK	IADKIYKFS		V	KEDKRQ	EVTDQ	AVVAST	L	GPVIT	QMTKSE	SDRL	INLEK	ELHKR	VIGQDE	A	525		
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NTDB id 289 SPD RS10700 WP 001109677.1	MDGK	WKQAA	QLIAKEE		E		VPV	YKDL	VTESD	ILTTLS	RSLSG	IPVQKL	TQTD	AKKYL	NLEA	ELHKR	VIGQDQA	520		
NTDB id 290 KZH43 RS10025 WP 001109677.1	MDGK	WKQAA	QLIAKEE		E		VPV	YKDL	VTESD	ILTTLS	RSLSG	IPVQKL	TQTD	AKKYL	NLEA	ELHKR	VIGQDQA	520		
NTDB id 377 SMU RS09275 WP 002262344.1	ITND	YQLAK	RLLKKEK		K		PLLK	KRAEV	K	EED	ILATL	SKLSG	IPVKKL	TQAD	SKKYL	NLER	ELHKR	VIGQDD	A	523
NTDB id 297 STER RS00545 WP 011680614.1	ISG	DIGAA	VVKQYKANQ		K		AKFP	KPALV	DADQ	IMQTL	SRLSG	IPVEK	MTQT	DSKRYL	NLESE	ELHKR	VIGQDE	A	526	
NTDB id 329 STU RS10020 WP 011225298.1	ISG	DIGAA	VVKQYKANQ		K		AKFP	KPALV	DADQ	IMQTL	SRLSG	IPVEK	MTQT	DSKRYL	NLESE	ELHKR	VIGQDE	A	526	
consensus	***	***					*	*****	*	*		*****	*		*****	!*	*****	!***		

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NTDB id 1474 Cj1108 YP 002344501.1	E I G E K I S D E I L F G K L K K G G I A K I K L G K N E K I E F I F	709
NTDB id 601 KW2 RS02615 WP 021036805.1	N I E D S I A D F Y I E H P E Y K Q . L V A D L I D D K I . V I S N Q T Q E T A E T T D E E V P A E	748
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NTDB id 281 KZH43 RS03550 WP 000882517.1	Y I E D T I T D Y Y L E N P S E K D . L K A V M T S K G N . I Q I K S A K K A . E V K S S E K E K .	752
NTDB id 378 SMU RS02690 WP 002263569.1	H I E D A I T D F Y L E H P E Q K E . L K A I M T S N G K . I V I K A S N K V . E T V T K A T S D .	753
NTDB id 85 BSU 00860 NP 387967.1	H V E D R L S E E L L R G N I H K G Q H I V L D V E D G E . F V V K T T A K T N	810
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NTDB id 287 SP RS11210 WP 001109712.1	E V E D K L A E L L L K G D L V A G S T L K I G V K A G Q . L K F D I A	810
NTDB id 289 SPD RS10700 WP 001109677.1	E V E D K L A E L L L K G D L V A G S T L K I G V K A G Q . L K F D I A	810
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NTDB id 377 SMU RS09275 WP 002262344.1	E V E D K L A E L I L S G K L A S G Q T L K I G I Q K E K . L K F D I V	813
NTDB id 297 STER RS00545 WP 011680614.1	Q V E D K L S E L L L G G Q V V S G Q T L K I G C S K D K . L T F T V V	816
NTDB id 329 STU RS10020 WP 011225298.1	Q V E D K L S E L L L G G Q V V S G Q T L K I G C S K D K . L T F T V V	816
consensus	* * * * * * * * * * * * * *	

- non conserved
- similar
- ≥ 50% conserved