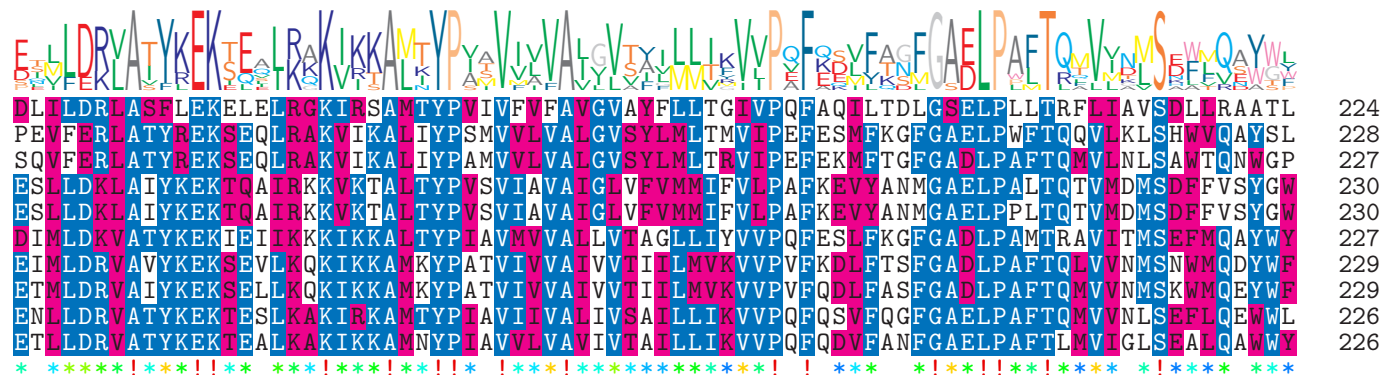
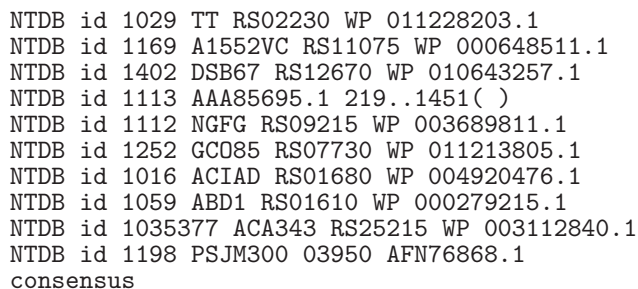
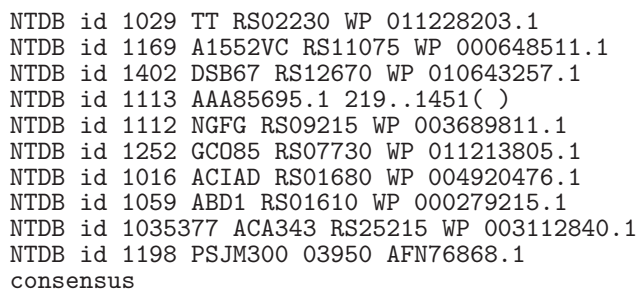


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NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 1035377 ACA343 RS25215 WP 003112840.1
NTDB id 1198 PSJM300 03950 AFN76868.1
consensus
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NTDB id 1029	TT RS02230 WP 011228203.1	PLLLLAVALLFFAYRWY.YGTPQGRRV	IDRLKLRPLVFGNINRKTAVARFSRTLALLSSSGVNIVEALDITKGTAGNSVVE	303
NTDB id 1169	A1552VC RS11075 WP 000648511.1	WAFIAIAAAIFGLKALRKNSFQIRLKT	SRLGLKFPPIGNVLAKASIAKFSRTLATSFAAGIPILASLKTAKTSGNVHFE	308
NTDB id 1402	DSB67 RS12670 WP 010643257.1	FIGLSFVSLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSTKTS	SGNMHYQ	307
NTDB id 1113	AAA85695.1 219..1451()	MVLIALGFAIYRFLKLRKRSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYE		310
NTDB id 1112	NGFG RS09215 WP 003689811.1	MVLIALGFAIYRFLKLRKRSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYE		310
NTDB id 1252	GC085 RS07730 WP 011213805.1	IIIFGALGGVVYSFFYAKNHSLEFAQTTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNI	IYA	307
NTDB id 1016	ACIAD RS01680 WP 004920476.1	ILILVIGAATAGFLEARKRSKFRFRDQLDRLVLRPLVIGDILVYKAI	IARYSRTLATTFAAGVPLIDALASTAGATNNTVYE	309
NTDB id 1059	ABD1 RS01610 WP 000279215.1	IMIIAIGAVIAAFLEAKRSKFRDGLDKLALKLPIFGDLVYKAI	IARYSRTLATTFAAGVPLIDALESTAGATNNVIYE	309
NTDB id 1035377	ACA343 RS25215 WP 003112840.1	AVIVGVGAIGFTFKELHKRSKKFRDRTLDRITLKLPIFGGIVYKSA	VARYARTLSTTFAAGVPLVDALDSVSGATGNIVFK	306
NTDB id 1198	PSJM300 03950 AFN76868.1	VVLAGFVGAAAYAFKQAHTRSEKFRNWFDRMLMKVPVVGDI	LYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVR	306
consensus		*****	*****!*****!*	

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NTDB id 1029	TT RS02230 WP 011228203.1	EIVEAAKLKIQGDPLNLTLAQHPFVFPMPVSSMVAIGEETGALD	TMLS	SKVADF	YERE	VD	EAVAS	LTAA	IEPL	MI	IF	LG	V	383							
NTDB id 1169	A1552VC RS11075 WP 000648511.1	TAINEVYRD	TAAGMP	MYIAMR	.NTEAFPE	MVLQ	VMIGEES	QLDD	MNLK	VAT	IYEF	VDNT	VDNL	LGK	ILEPL	II	VFLGT	387			
NTDB id 1402	DSB67 RS12670 WP 010643257.1	LAIEEVYRD	TAAGMP	MYIAMR	.HCHVFPE	LVLM	QVMIGEES	GRDD	MNLK	IAAI	YEF	VDNT	VDNL	SK	ILEPL	II	VFLGV	386			
NTDB id 1113	AAA85695.1 219..1451()	EATREIRTR	VIQGL	SMTSGMR	.ATELFPN	MMLQ	MSSIGEES	SLDD	MNLK	AAEF	YED	VDNA	VGWLS	SAMMEP	II	IL	LG	389			
NTDB id 1112	NGFG RS09215 WP 003689811.1	EATREIRTR	VIQGL	SMTSGMR	.ATELFPN	MMLQ	MSSIGEES	SLDD	MNLK	AAEF	YED	VDNA	VGRL	SAMMEP	II	IV	ILGL	389			
NTDB id 1252	GC085 RS07730 WP 011213805.1	KATDKIRE	EVA	TGQ	MF	FIAME	.NTHLFPN	MVIQ	MVAIGEES	GAL	EKML	SKVADF	YEE	V	NN	AVDAL	SS	LEPI	IMSILGI	386	
NTDB id 1016	ACIAD RS01680 WP 004920476.1	QAVLKIRE	DVST	GQL	NFAMR	.VSNRFPT	MAIQ	MVAIGEES	GALDE	MLDK	VAN	Y	Y	SEVD	H	AVDGLT	S	MMEPL	IMAILGI	388	
NTDB id 1059	ABD1 RS01610 WP 000279215.1	KAVMKIRE	DVAT	GQL	QFAMR	.ISNRFPS	MAIQ	MVAIGEES	GALD	SMLDK	VAT	Y	Y	ENEVD	NAVDGLT	S	MMEPL	IMAILGV	388		
NTDB id 1035377	ACA343 RS25215 WP 003112840.1	NAVSKIKQ	DVST	GML	NFSMR	.TTSVFPN	MAIQ	MTAIGEES	SLDE	MLSK	VAS	Y	Y	EEVD	NAVDN	LT	TLMEP	MIMAV	VLGV	385	
NTDB id 1198	PSJM300 03950 AFN76868.1	SATN	KIKS	DVSS	GML	NFSMR	.TTGTFPS	MAVQ	MTAIGEES	GALDE	MLSK	VAT	F	Y	E	VDN	MVDGLT	ALMEP	MIMAV	VLGV	385
consensus		***	***	*	*****	***	*	***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

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NTDB id 1029	TT RS02230 WP 011228203.1	IVGMIVAGMFLPLFKIIGTISVQ	406
NTDB id 1169	A1552VC RS11075 WP 000648511.1	VVGGLVVAMYLPIFNLMSVLG..	408
NTDB id 1402	DSB67 RS12670 WP 010643257.1	VVGGLVTAMYLPIFNLMSVLG..	407
NTDB id 1113	AAA85695.1 219..1451()	VIGTLLVAMYLPLFNLGNVVA*	410
NTDB id 1112	NGFG RS09215 WP 003689811.1	VIGTLLVAMYLPLFNLGNVVA..	410
NTDB id 1252	GC085 RS07730 WP 011213805.1	LVGGLVVAMYLPIFKLGS	AV... 406
NTDB id 1016	ACIAD RS01680 WP 004920476.1	LVGGLVTAMYLPIFQMG	SVV... 408
NTDB id 1059	ABD1 RS01610 WP 000279215.1	LVGGLVTAMYLPIFQMG	SVV... 408
NTDB id 1035377	ACA343 RS25215 WP 003112840.1	LVGGLIVAMYLPIFQLGN	VVG... 406
NTDB id 1198	PSJM300 03950 AFN76868.1	LVGGLITAMYLPIFQMG	SVV... 405
consensus		***!*****!***!*****	

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