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NTDB id 1186	GTF74	RS01320	WP 000788426.1	..MKNGLKT..YVAQTLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPS	AVVDVQKVQEGLSI	76		
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	..MKNGLKT..YVAQTLTLWVGLALCASSMVFSAESATANQLENIDFRVNKEKA	AVLV	VELASPS	AVVDVQKVQEGLSI	76		
NTDB id 1408	DSB67	RS13980	WP 010643500.1	MKMRHGLTLTPRKLTGLFSLWFSLLAP...	FVAAEEVQSN	SLKSIDFR	TNKDKDAVIVVELVSPA	AI	VDIKRVQEGLSI	77
NTDB id 1347	HI 0435	AAC22094.1								0
NTDB id 1373	NTHI	RS02645	WP 011272046.1							0
NTDB id 401139	GJV39	RS08330	WP 005712502.1							0
NTDB id 1381	A4U84	RS02010	WP 021113424.1							0
consensus										0

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NTDB id 1186	GTF74	RS01320	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	YTL	LGK	KYLEV	VISK	LKADEKPKPKSVLEKE	EG	156		
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	ELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEFQHDY	YTL	LGK	KYLEV	VISK	LKADEKPKPKSVLEKE	EG	156		
NTDB id 1408	DSB67	RS13980	WP 010643500.1	DLNNTSVKDDQLYLLDVKDFSTVSVESVEVFRD	TSTTRLV	AYIDEDY	SHDYRL	TGR	YLEVKGK	LKAN	EKAPDKSIL	DKEG	157
NTDB id 1347	HI 0435	AAC22094.1											29
NTDB id 1373	NTHI	RS02645	WP 011272046.1										29
NTDB id 401139	GJV39	RS08330	WP 005712502.1										17
NTDB id 1381	A4U84	RS02010	WP 021113424.1										17
consensus													

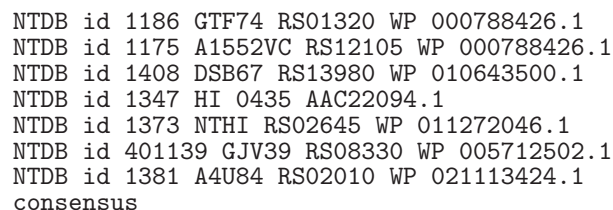
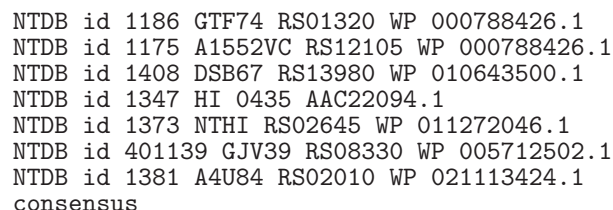
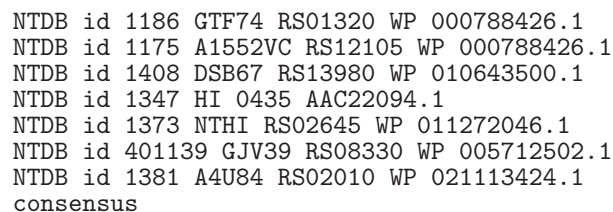
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NTDB id 1186	GTF74	RS01320	WP 000788426.1	KLISINFDQDIPVRNVQLLIADYNGFNLVSDSVVGNLT	LR	LDGVPWQQV	LDI	ILQVKGLDKRVD	GNVIL	IAPKE	EELDLRE	236
NTDB id 1175	A1552VC	RS12105	WP 000788426.1	KLISINFDQDIPVRNVQLLIADYNGFNLVSDSVVGNLT	LR	LDGVPWQQV	LDI	ILQVKGLDKRVD	GNVIL	IAPKE	EELDLRE	236
NTDB id 1408	DSB67	RS13980	WP 010643500.1	KLISINFDQDIPVRNVQLLIADYNGFNLVSDSVVGNLT	LR	LDGVPWQQV	LDI	ILQVKGLDKRVD	GNVIL	IAPKE	EELDLRE	237
NTDB id 1347	HI 0435	AAC22094.1		ERFFIRLSQAPLAQTLEQLAFQDDVNLVIGDILENK	ISLKLNNIDMPRL	LQIIAKSKH	LT	LNKDDG	TY	YLN	NGSQS	104
NTDB id 1373	NTHI	RS02645	WP 011272046.1	ECFFIRLSQAPLAQTLEQLAFQDDVNLVIGDILENK	ISLKLNNIDMPRL	LQIIAKSKH	LT	LNKDDG	TY	YLN	NGSQS	104
NTDB id 401139	GJV39	RS08330	WP 005712502.1	QQISLSIRNAPTAETIISYLAETGKNITISDEIK	DTKNFRVEKSHF	DEILNSLI	KTHQLNLK	KENG	TY	YIHQAQE	92	
NTDB id 1381	A4U84	RS02010	WP 021113424.1	QQISLSIRNAPTAETIISYLAETGKNITISDEIK	DTKNFRVEKSHF	DEILNSLI	KTHQLNLK	KENG	TY	YIHQAQE	92	
consensus				*** * **!***** *!* ** !***** * ***** * * *!* ***** ! ***** ***** **								

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NTDB id 1186	GTF74	RS01320	WP 000788426.1	KQALEKARLAEEELGDLKSEI	IKINFAKASDIAAM	IGGEGNVNMLSERGSIS	IDERTNSLLIRELP	DNIAVIRE	II	ESLDI	316																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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NTDB id 1347	HI 0435	AAC22094.1		GKQQVAGNLT	TNEPHLVSH	TVKLHFAKASELMKSLT	.TGSGSLLSPAGSIT	FDDRSNLLVIQ	DEPRSVQNI	KKLIAEMDK	183																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id 1373	NTHI	RS02645	WP 011272046.1	GKQQVAGNLT	TNEPHLVSH	TVKLHFAKASELMKSLT	.TGSGSLLSAGSIT	FDDRSNLLVIQ	DEPRFVQNI	KKLIAEMDK	183																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
NTDB id 401139	GJV39	RS08330	WP 005712502.1	HKQHTTAQLVNA	LPKLITKTIK	LHYSKASEVIESLT	.KGQGNLLSENGYLH	FDDRSNSIIVK	DSAASVK	NFTQLIETL	DK	171																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
NTDB id 1381	A4U84	RS02010	WP 021113424.1	HKQHTTAQLVNA	LPKLITKTIK	LHYSKASEVIESLT	.KGQGNLLSENGYLH	FDDRSNSIIVK	DSAASVK	NFTQLIETL	DK	171																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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NTDB id 401139 GJV39 RS08330 WP 005712502.1
NTDB id 1381 A4U84 RS02010 WP 021113424.1
consensus



-  non conserved
-  similar
-  >50% conserved