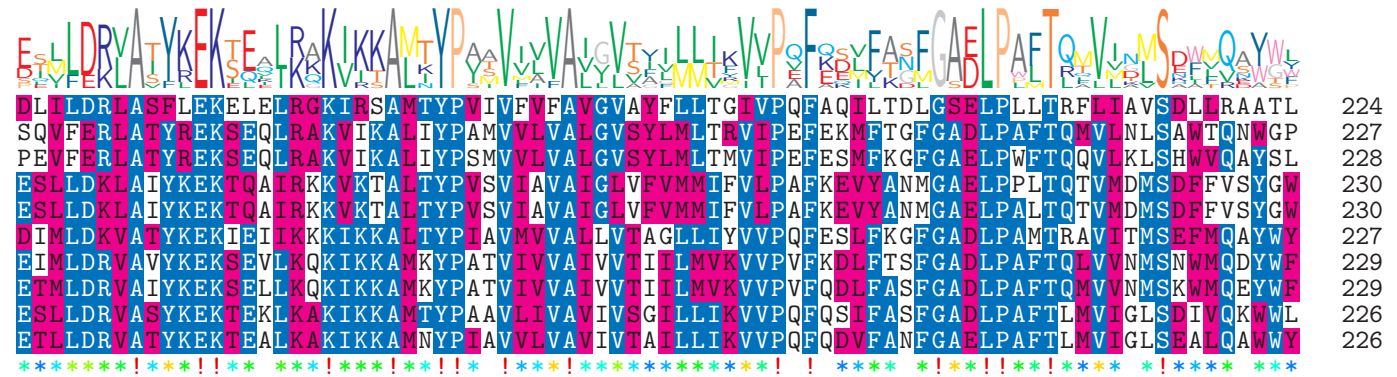
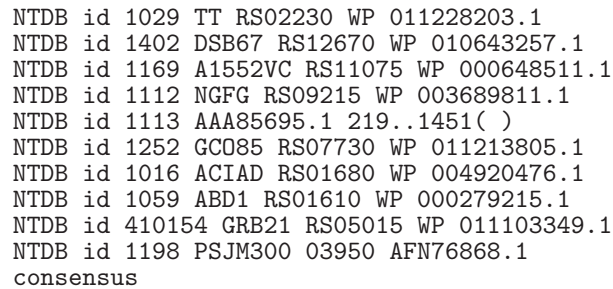
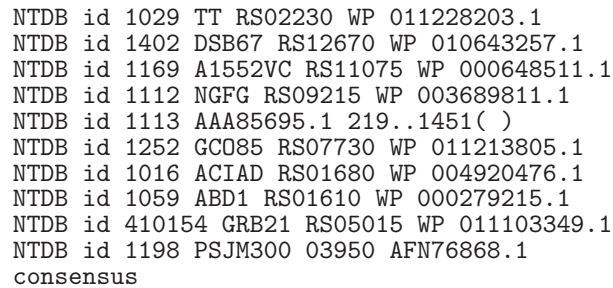


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NTDB id 1029 TT RS02230 WP 011228203.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 410154 GRB21 RS05015 WP 011103349.1
NTDB id 1198 PSJM300 03950 AFN76868.1
consensus

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NTDB	id	1029	TT	RS02230	WP	011228203.1	P	L	L	L	L	A	V	A	L	F	F	A	Y	R	W	.	Y	Y	G	T	P	Q	G	R	R	V	I	D	R	L	K	L	R	L	P	V	F	G	N	L	N	R	K	T	A	V	A	R	F	S	R	T	L	A	L	L	S	S	G	V	N	I	V	E	A	L	D	I	T	K	G	T	A	G	N	S	V	V	E		303	
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	F	I	G	L	S	F	V	S	L	I	S	G	K	I	M	S	Q	R	S	D	S	F	R	L	L	A	A	R	S	S	L	R	V	P	I	L	G	P	V	L	S	K	A	A	I	A	K	F	S	R	T	L	A	T	S	F	S	A	G	I	P	I	L	T	A	L	K	T	T	S	K	T	S	G	N	M	H	Y	Q		307	
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NTDB	id	1112	NGFG	RS09215	WP	003689811.1	M	V	E	I	A	L	C	F	A	I	Y	R	F	L	K	L	K	A	R	S	I	K	I	Q	R	R	M	D	A	I	L	L	R	M	P	I	F	G	D	I	V	R	K	G	T	I	A	R	W	G	R	T	T	A	T	L	F	A	A	G	V	P	L	V	D	S	T	A	G	A	G	N	L	I	Y	E		310				
NTDB	id	1113	AAA85695.1	219..1451()			M	V	E	I	A	L	C	F	A	I	Y	R	F	L	K	L	K	A	R	S	I	K	I	Q	R	R	M	D	A	I	L	L	R	M	P	I	F	G	D	I	V	R	K	G	T	I	A	R	W	G	R	T	T	A	T	L	F	A	A	G	V	P	L	V	D	S	T	A	G	A	G	N	L	I	Y	E		310				
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NTDB	id	1059	ABD1	RS01610	WP	000279215.1	I	M	I	I	A	T	A	G	A	V	I	A	A	F	L	E	A	K	K	R	S	K	K	F	R	D	G	L	D	K	L	A	L	K	L	P	I	F	G	D	L	V	Y	K	A	I	A	R	Y	S	R	T	L	A	T	T	F	A	A	G	V	P	L	I	D	A	L	E	S	T	A	G	A	T	G	N	V	I	Y	E		309
NTDB	id	410154	GRB21	RS05015	WP	011103349.1	I	I	V	I	A	F	F	A	T	I	F	M	L	K	R	A	Y	K	S	Q	N	F	R	D	A	L	D	R	F	L	L	K	L	P	I	T	G	P	L	I	F																																									

NTDB id 1029	TT RS02230 WP 011228203.1	EIVAAKILKIQQCDPLNLTLAQHPPVFPMPVSSMVAIGEETGALDTMLSKVADFYEREVDEAVASLTAAGI EPLMIIFLVG	383
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NTDB id 1169	A1552VC RS11075 WP 000648511.1	TAINEVYRDRTAACGPMYIAMR.NTEAFPEMVLMVMIGEESGLDDMLN KVATIYEFVDNTVDNLGK ILEPLIIVFLGT	387
NTDB id 1112	NGFG RS09215 WP 003689811.1	EATREIRTRVIQLSMTSGMR.ATELFPNMMLQMSSSIGEESSLDDMLNKAAEFYEDVDNAVGRLSAMMEPIIIVILGI	389
NTDB id 1113	AAA85695.1 219..1451()	EATREIRTRVIQLSMTSGMR.ATELFPNMMLQMSSSIGEESSLDDMLNKAAEFYEDVDNAVGRLSAMMEPIIILILGI	389
NTDB id 1252	GCO85 RS07730 WP 011213805.1	KATDKIREEVAITQQMFIAEM.NTHLPNMVIMQVAIGEESGALEKMLS K VADFYEVEVNNAVDALLSLLEPIIMSILGI	386
NTDB id 1016	ACIAD RS01680 WP 004920476.1	QAVLKIREDVSTGQQLNFAMR.VSNRFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMAILGI	388
NTDB id 1059	ABD1 RS01610 WP 000279215.1	KAVMKIREDVATGQQLGFAMR.ISNRFPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAV DGLTSMMEPLIMAILGV	388
NTDB id 410154	GRB21 RS05015 WP 011103349.1	NAYNRVKQDVSTGMQLNFSMR.STGVFPSLAIQMTSIGEESGALDAML DKVATYYEEVDNMVDNL TSLMEPMIMAILGV	385
NTDB id 1198	PSJM300 03950 AFN76868.1	SATNKLISDVSSGMQLNFSMR.TTGTFPMSAVQMTAIGEESGALDEMLS K VATFYEDVDNMVDGL TALMEPMIMAVLVG	385
consensus		* * * * *	

NTDB id	Accession	Protein Name	Sequence	Score
NTDB id 1029	TT RS02230	WP 011228203.1	IVGMIVAGMFLPLFKIIGTISVQ	406
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NTDB id 1169	A1552VC RS11075	WP 000648511.1	VVGGLVVMAYLPIFNLMSVLG..	408
NTDB id 1112	NGFG RS09215	WP 003689811.1	VIGTLLVAMYLPLFNLGNVVA..	410
NTDB id 1113	AAA85695.1	219..1451()	VIGTLLVAMYLPLFNLGNVVA*..	410
NTDB id 1252	CG085 RS07730	WP 011213805.1	LVGGLVVMAYLPIFKLGSAV...	406
NTDB id 1016	ACIAD RS01680	WP 004920476.1	LVGGLVIAMYLPIFQMGSVV...	408
NTDB id 1059	ABD1 RS01610	WP 000279215.1	LVGGLVIAMYLPIFQMGSVV...	408
NTDB id 410154	GRB21 RS05015	WP 011103349.1	LVGGLVIAMYLPIFKLGNV...	405
NTDB id 1198	PSJM300 03950	AFN76868.1	LVGGLIIAMYLPIFQMGSVV...	405
consensus			***!***!!*!***	

- X non conserved
- X similar
- X > 50% conserved