

NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQ.GRLVEATIEAEDLRTAARLRLDRGLFVAETKEPGKGQLAEVRIPALERGPG	63
NTDB id 1169	A1552VC RS11075 WP 000648511.1	..MKATQ....TLPLKNYRWKGINSN.GKKVSGQMLAISEIEVRDKLKDQHIIQIKKLKKGVSLLAR....LTHR.VK	66
NTDB id 1402	DSB67 RS12670 WP 010643257.1	...MKTII.....APQLKNYRWKGINSS.GKKTSGNVLAMTEIEVRERLDAQHIKIKKLKKGSI.SFITK....ISHRVK	65
NTDB id 1113	AAA85695.1 219..1451()	...MAKNGGFSLF.AKKEKR.FIFEGRHSASDKLVNCEVSAFTEEEARKKLAKRGIRPLQITRV.KTS.....SKRK.IT	68
NTDB id 1112	NGFG RS09215 WP 003689811.1	...MAKNGGFSLF.AKKEKR.FIFEGRHSASDKLVNCEVSAFTEEEARKKLAKRGIRPLQITRV.KTS.....SKRK.IT	68
NTDB id 35555	CTCNB1 RS03855 WP 012837103.1	MASAASK.....GIKEFLFEWEGKDRN.GKIVRGETRAGGENQIQAMLRRQGVTSPSKI.KRRRTR.....GGKKIK	64
NTDB id 1252	GCO85 RS07730 WP 011213805.1	...MDKN.....SPP.LLT.FHYQGINKA.GQKMEGDIQARS LAIAKADLRKQGI.VTNKVVKRKP.LFDR....KNKK.IT	65
NTDB id 1198	PSJM300 03950 AFN76868.1	..MAQK.....AIKNSVFTWEGLDRQ.GAKIKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS.....AGKKIK	64
NTDB id 1016	ACIAD RS01680 WP 004920476.1	..MAAKK.....TQVM.PVFAY.EGVDRK.GIKLKGELPARNMALAKVTLRKQGITRTIREKRKN.IFEGL...LKKK.VK	67
NTDB id 1059	ABD1 RS01610 WP 000279215.1	..MAVKK.....AQMMPT.FAY.EGVDRK.GVIKIGELPAKNMALAKVTLRKQGITVRNIREKRKN.ILEGL...FKKK.VT	67
consensus		* * * * * A Q M P T F Y E G V D R K G V I K I G E L P A K N M A L A K V T L R K Q G V T R N I R E K R K N I L E G L . . . F K K K V T * * * * *	

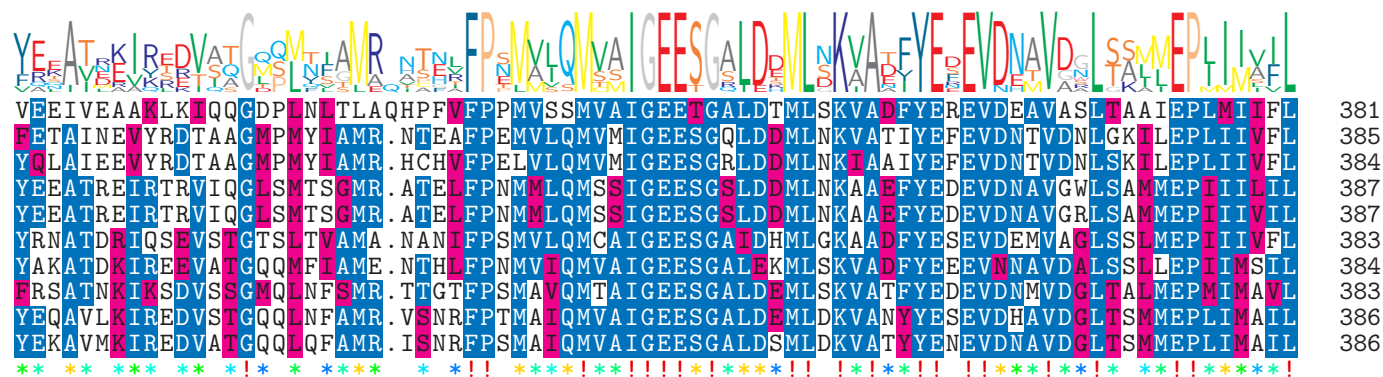
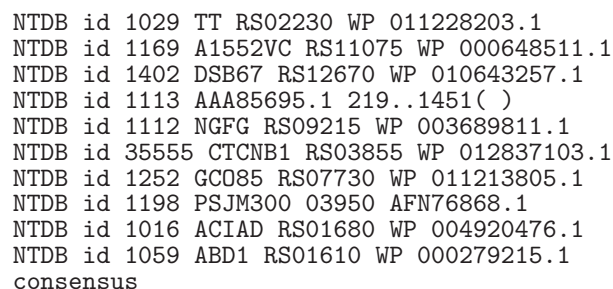
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NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	SK	D	I	T	I	L	T	R	Q	L	A	T	M	L	T	T	G	V	P	I	V	Q	A	L	K	L	V	G	D	N	H	R	K	A	E	M	K	S	I	L	A	Q	I	T	K	S	V	E	A	G	T	P	L	S	K	A	M	R	T	A	S	A	H	F	D	T	L	Y	V	D	L	V	E	T	G	E	M	S	G	146
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	GK	D	I	T	I	F	T	R	Q	L	A	T	M	L	M	T	G	V	P	I	V	Q	A	L	K	L	V	S	E	N	H	K	K	A	E	M	K	S	I	L	M	S	V	T	R	A	V	E	A	G	T	P	M	S	K	A	M	R	T	A	S	T	H	F	D	P	L	Y	T	D	L	I	A	T	G	E	Q	S	G	145
NTDB	id	1113	AAA85695.1	219..1451()			Q	E	D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	G	S	S	L	S	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	E	T	G	G	148	
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NTDB	id	35555	CTCNB1	RS03855	WP	012837103.1	P	K	D	I	A	F	T	R	Q	L	A	T	M	K	A	G	V	P	L	Q	S	F	D	I	G	E	G	F	D	N	P	N	M	R	K	L	V	D	D	L	K	Q	E	V	A	A	G	N	S	F	A	S	S	L	R	K	K	P	Q	Y	F	D	D	L	Y	C	N	L	V	D	S	G	E	Q	S	G	144			
NTDB	id	1252	GC085	RS07730	WP	011213805.1	Q	A	D	I	T	V	F	S	R	Q	L	A	T	M	I	E	S	G	T	P	L	V	Q	A	F	D	I	V	A	K	G	Q	S	N	K	R	L	K	D	L	I	E	T	I	K	H	D	I	E	T	G	L	T	L	A	E	S	L	I	K	H	P	L	Y	N	E	L	F	C	N	L	V	D	A	G	E	K	S	G	145
NTDB	id	1198	PSJM300	03950	AFN	76868.1	P	M	D	I	A	F	T	R	Q	L	A	T	M	K	A	G	V	P	L	Q	S	F	D	I	G	E	G	F	D	N	P	N	M	R	K	L	V	D	D	L	K	Q	E	V	A	A	G	N	S	F	A	S	S	L	R	K	K	P	Q	Y	F	D	D	L	Y	C	N	L	V	D	S	G	E	Q	S	G	144			
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	P	L	D	I	A	F	T	R	Q	L	A	T	M	K	A	G	V	P	L	Q	A	F	E	I	V	A	E	G	L	E	N	P	A	M	R	D	V	V	L	G	L	K	N	E	V	E	G	G	T																															

NTDB id 1029	TT RS02230 WP 011228203.1	G	D	L	L	D	R	L	A	S	H	L	E	K	E	L	E	L	R	G	K	I	R	S	A	M	T	Y	P	V	I	V	F	V	F	A	V	G	V	A	Y	F	L	L	T	G	I	V	P	Q	F	A	Q	I	L	T	D	L	G	S	E	L	P	L	L	T	R	F	L	I	A	V	S	D	L	R	A	222			
NTDB id 1169	A1552VC RS11075 WP 000648511.1	N	L	P	E	V	F	E	R	L	A	T	Y	E	K	S	E	Q	L	R	A	K	V	I	K	A	L	I	Y	P	S	M	V	V	L	V	A	L	G	V	S	Y	L	M	L	T	M	V	I	P	E	F	E	S	M	F	K	G	F	G	A	E	L	P	W	F	T	Q	Q	V	L	K	L	S	H	W	V	Q	A	Y	226
NTDB id 1402	DSB67 RS12670 WP 010643257.1	N	L	S	Q	V	F	E	R	L	A	T	Y	E	K	S	E	Q	L	R	A	K	V	I	K	A	L	I	Y	P	A	M	V	V	L	V	A	L	G	V	S	Y	L	M	L	T	R	V	I	P	E	F	E	K	M	F	T	G	F	G	A	D	L	P	A	F	T	Q	M	V	L	N	L	S	A	M	T	Q	N	W	225
NTDB id 1113	AAA85695.1 219..1451()	V	L	E	S	L	D	K	L	A	T	Y	E	K	E	T	Q	A	I	R	K	K	V	K	T	A	L	T	Y	P	S	V	I	A	V	A	I	G	L	V	F	V	M	I	F	V	L	P	A	F	K	E	V	Y	A	N	M	G	A	E	L	P	A	L	T	Q	T	V	M	D	S	D	F	F	V	S	Y	228			
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NTDB id 1252	GCO85 RS07730 WP 011213805.1	S	L	E	T	L	D	K	V	A	T	Y	E	K	E	T	E	I	K	K	I	K	K	A	L	T	Y	P	I	A	V	M	V	A	L	L	V	T	A	G	L	L	I	Y	V	V	P	Q	F	E	S	L	F	K	G	F	G	A	D	L	P	A	M	T	R	A	V	I	T	M	S	E	F	M	Q	A	Y	225			
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consensus

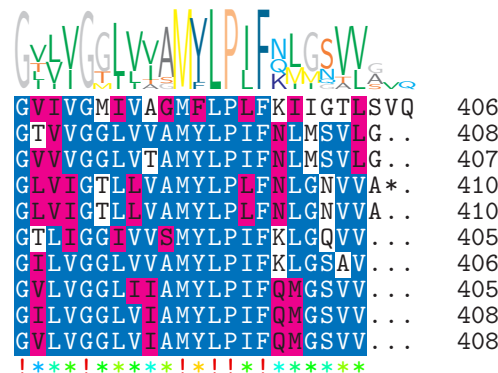
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NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

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