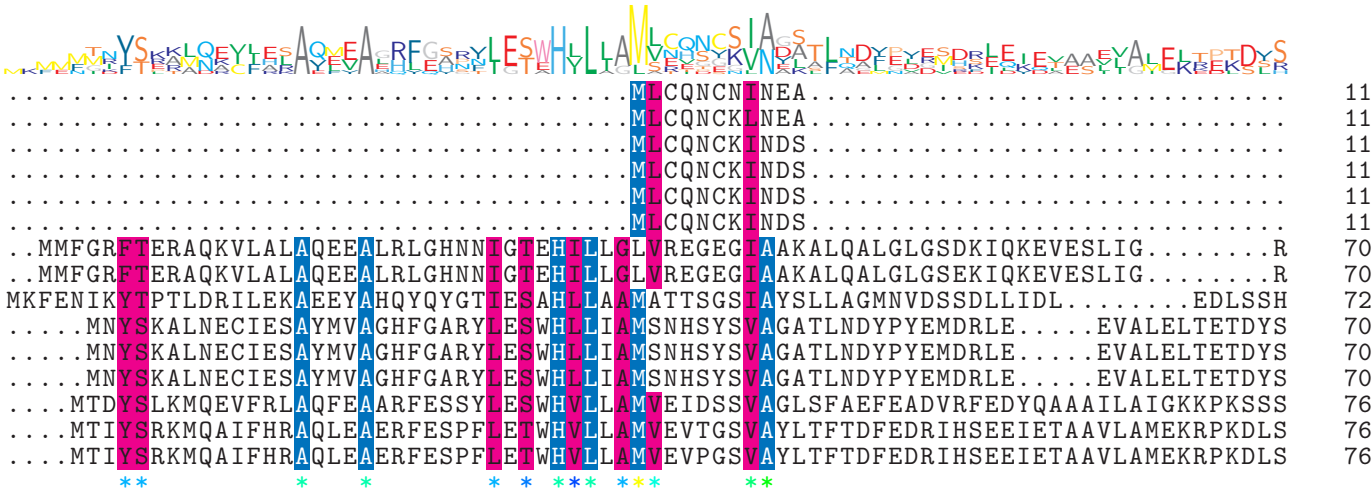


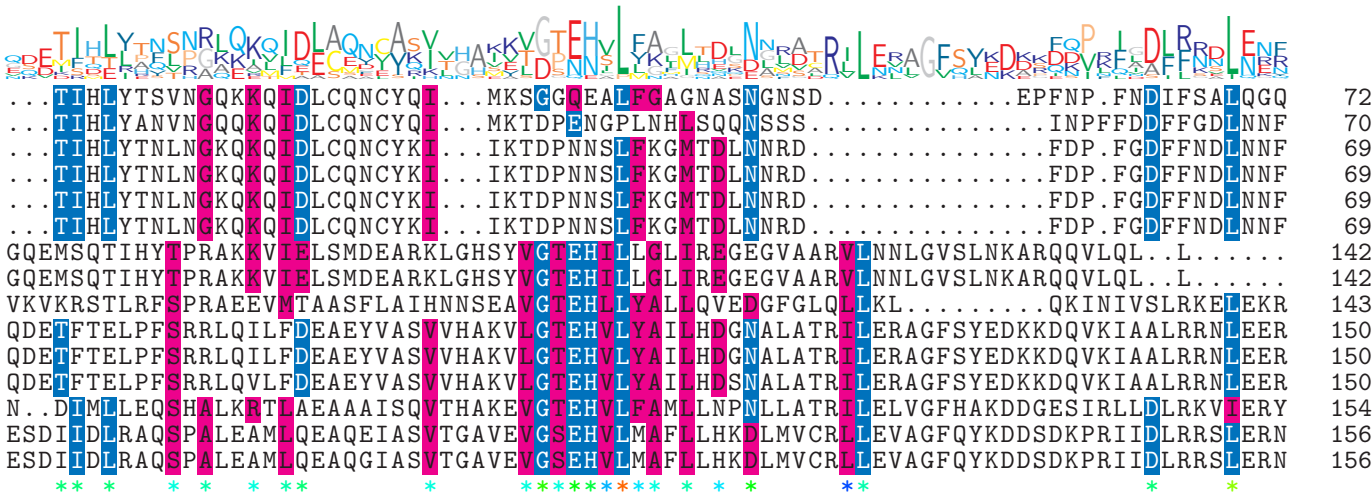
logo

NTDB id 601 KW2 RS02615 WP 021036805.1
NTDB id 378 SMU RS02690 WP 002263569.1
NTDB id 241 SP RS04015 WP 000882523.1
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NTDB id 245 SPD RS03860 WP 000882517.1
NTDB id 243 SPR RS03635 WP 000882517.1
NTDB id 112982 BAMY6639 RS11220 WP 007410388.1
NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
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



logo

NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 329 STU RS10020 WP 011225298.1
consensus



logo

NTDB	id	601	KW2	RS02615	WP	021036805.1	.DFNGAASN.....QTPPTQTGCG.....RGRPGPNPRAKQPKGLLEFGGINITESARRGEIDPVIGRDEEIKRV	136
NTDB	id	378	SMU	RS02690	WP	002263569.1	RAFNNQDLP.....NTPPTQAGCGNGNGGN.N.RRPGGPQQQASQKPNGLLEFGGINLTDIARKGEIDPVIGRDEEITRV	143
NTDB	id	241	SP	RS04015	WP	000882523.1	RPSSN..TP.....PIPPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLEEFGINVTEIARRGIDDPVIGRDDEIIRV	142
NTDB	id	281	KZH43	RS03550	WP	000882517.1	RPSSN..TP.....PIPPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLEEFGINVTEIARRGIDDPVIGRDDEIIRV	142
NTDB	id	245	SPD	RS03860	WP	000882517.1	RPSSN..TP.....PIPPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLEEFGINVTEIARRGIDDPVIGRDDEIIRV	142
NTDB	id	243	SPR	RS03635	WP	000882517.1	RPSSN..TP.....PIPPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLEEFGINVTEIARRGIDDPVIGRDDEIIRV	142
NTDB	id	112982	BAMY6639	RS11220	WP	007410388.1	.GSNET.....GSSASGTNSNANTPTLDSLARDLTATAIAKEDSLDPVIGRSKEIQRV	192
NTDB	id	85	BSU	O0860	NP	387967.1	.GSNET.....GSSAAGTNSNANTPTLDSLARDLTATAIAKEDSLDPVIGRSKEIQRV	192
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NTDB	id	290	KZH43	RS10025	WP	001109677.1	AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRM	218
NTDB	id	289	SPD	RS10700	WP	001109677.1	AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRM	218
NTDB	id	287	SP	RS11210	WP	001109712.1	AGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRM	218
NTDB	id	377	SMU	RS09275	WP	002262344.1	ACFSKEDIKA.IFEMRKPKVKVN.....SSSFSDLMKPP.SVTIGELADFTRDLTETARQGRLBPVIGREQEISRM	222
NTDB	id	297	STER	RS00545	WP	011680614.1	AGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTIGELADYTKDLTALAESGNLDPVIGRDEEISRM	225
NTDB	id	329	STU	RS10020	WP	011225298.1	AGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTIGELADYTKDLTALAESGNLDPVIGRDEEISRM	225
consensus							* * * * *	

logo

NTDB id	601	KW2 RS02615 WP	021036805.1
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NTDB id	281	KZH43 RS03550 WP	000882517.1
NTDB id	245	SPD RS03860 WP	000882517.1
NTDB id	243	SPR RS03635 WP	000882517.1
NTDB id	112982	BAMY6639 RS11220 WP	007410388.1
NTDB id	85	BSU 00860 NP	387967.1
NTDB id	610	V4T04 RS10165 WP	012897346.1
NTDB id	290	KZH43 RS10025 WP	001109677.1
NTDB id	289	SPD RS10700 WP	001109677.1
NTDB id	287	SP RS11210 WP	001109712.1
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	DVIMFIDEIHEIVGAGSAGDGNMDAGNILKPALARGE	295
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NTDB id	112982	BAMY6639	RS11220	WP	007410388.1	NIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGE	351
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NTDB id	287	SP	RS11210	WP	001109712.1	QVILFIDELHTIMSGSGIDSTLDAANILKPALARGT	378
NTDB id	377	SMU	RS09275	WP	002262344.1	HIVLFIDELHTIMSGSGIDSTLDAANILKPALARGT	382
NTDB id	297	STER	RS00545	WP	011680614.1	KIILFIDELHTIIGSGSGIDSTLDAANILKPALARGT	385
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consensus						***!!!!*!***!*** * *!!!!!!*!!!!*!!!!!! * *!!!!*!!!!*!!!! * *!!!!*!!!!*!!!!	

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NTDB id	112982	BAMY6639	RS11220	WP	007410388.1	KGLRDRYEAAHHRVSIITDEAIEAAVKLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKIDEVRKEKDAAV	431
NTDB id	85	BSU	00860	NP	387967.1	QGLRDRYEAAHHRVSIITDAIEAAVKLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKIDEVRKEKDAAV	431
NTDB id	610	V4T04	RS10165	WP	012897346.1	QGLREKFEDYHQVKFTDQAIKSAVMLSVRYMTSRKLPDKAIDLLDEAAAVKLSVKNQQTQRDLIEKELAAEQEELSEAV	445
NTDB id	290	KZH43	RS10025	WP	001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKAADSDL....S....PADKAL	450
NTDB id	289	SPD	RS10700	WP	001109677.1	QGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKAADSDL....S....PADKAL	450
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NTDB id	297	STER	RS00545	WP	011680614.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRITKK..EDKREI....T....PLDEAL	455
NTDB id	329	STU	RS10020	WP	011225298.1	NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRITKK..EAKREI....T....PLDEAL	455
consensus						!* *!*!***! * *! *!!!!* * * *!!!! * *!!!!*!!!!*!!!!*!!!!* * * * * * * * * * * * * * * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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PGYVGVEEGQLTEKVRNKPYSVLLFDEYEKAHPDVFNILLQVLDDGRLTDSGRKVDFSNTIIIMTSNLGATALRDDDKT	677
PGYVGVEEGQLTEKVRNKPYSVLLFDEYEKAHPDVFNILLQVLDDGRLTDSGRKVDFSNTIIIMTSNLGATALRDDDKT	680
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logo

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NTDB id 289 SPD RS10700 WP 001109677.1
NTDB id 287 SP RS11210 WP 001109712.1
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
consensus

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VGFGAAREG	RTKS	VI	GI	LD	GF	FS	PE	FN	RF	DG	IE	FS	AL	SK	EN	LL	K	IV	DL	MD	VE	NE	QT	IG	RN	DI	HS	VT	QA	AK	KEK	679
VGFGASREG	RTNS	VI	GEL	GN	FF	SPE	FN	RF	DG	IE	BF	QALS	SK	DN	LL	LQ	IV	SL	MD	DD	VN	QR	LV	NA	IHL	DV	TD	KV	KEK	686		
VGFGAAREG	RTNS	VI	GEL	GN	FF	SPE	FN	RF	DG	IE	FS	AL	SK	DN	LL	LQ	IV	EL	MD	AD	VN	KRL	SS	NN	I	RL	DV	TD	KV	KEK	685	
VGFGAAREG	RTNS	VI	GEL	GN	FF	SPE	FN	RF	DG	IE	FS	AL	SK	DN	LL	LQ	IV	EL	MD	AD	VN	KRL	SS	NN	I	RL	DV	TD	KV	KEK	685	
VGFGAAREG	RTNS	VI	GEL	GN	FF	SPE	FN	RF	DG	IE	FS	AL	SK	DN	LL	LQ	IV	EL	MD	AD	VN	KRL	SS	NN	I	RL	DV	TD	KV	KEK	685	
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VGFGAKNITADYSAMKS	RI	LE	EL	KR	HY	RP	EF	FN	RI	DE	IV	FS	SL	ES	QE	TE	IV	KMS	SK	LI	KRL	AE	QD	TH	VK	LT	TP	SA	VKL	759		
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consensus

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