

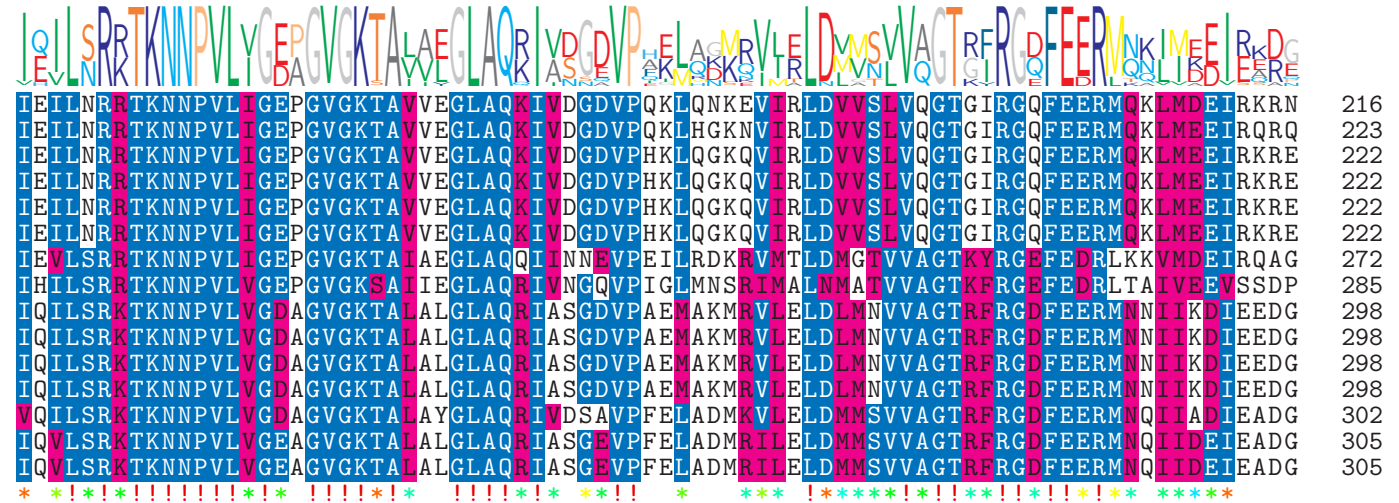
NTDB id	601	KW2	RS02615	WP	021036805.1	MLCQNCNINEA.....	11
NTDB id	378	SMU	RS02690	WP	002263569.1	MLCQNCKINEA.....	11
NTDB id	281	KZH43	RS03550	WP	000882517.1	MLCQNCKINDS.....	11
NTDB id	245	SPD	RS03860	WP	000882517.1	MLCQNCKINDS.....	11
NTDB id	243	SPR	RS03635	WP	000882517.1	MLCQNCKINDS.....	11
NTDB id	241	SP	RS04015	WP	000882523.1	MLCQNCKINDS.....	11
NTDB id	85	BSU	O0860	NP	387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHLLGLVREGEGIAAKALQALGLGSEKIQKEVESLI.....GR	70
NTDB id	610	V4T04	RS10165	WP	012897346.1	MKFENIKYPTLDRILEKAEEYAHHQYQYGTTESAHLLAAMATTSGSTAYSLLAGMNVDSDDLII.....DLEDLSSH	72
NTDB id	1128367	FJH52	RS10595	WP	127820923.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id	290	KZH43	RS10025	WP	001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id	289	SPD	RS10700	WP	001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
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NTDB id	297	STER	RS00545	WP	011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFILETHVILLAMVEVTGSVAYLTFDTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
NTDB id	329	STU	RS10020	WP	011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFILETHVILLAMVEVPGSVAYLTFDTDFEDRIHSEEIETA AVLAMEKRPKDLS	76
consensus						*** ** **** ***	

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NTDB	id	85	BSU	O0860	NP	387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYV	GTEHLLGLIREGEGVAARVLNNLGVSLNKARQ	QVLQL.....	141	
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NTDB	id	290	KZH43	RS10025	WP	001109677.1	QDETFTELPSRRRLQILFDAAEYVASVHAKVL	GTEHVLAYILHDGNALATRIERAGFSYEDKKD	QVKIAALRRNLEER	150	
NTDB	id	289	SPD	RS10700	WP	001109677.1	QDETFTELPSRRRLQILFDAAEYVASVHAKVL	GTEHVLAYILHDGNALATRIERAGFSYEDKKD	QVKIAALRRNLEER	150	
NTDB	id	287	SP	RS11210	WP	001109712.1	QDETFTELPSRRRLQVLFDAAEYVASVHAKVL	GTEHVLAYILHDSNALATRIERAGFSYEDKKD	QVKIAALRRNLEER	150	
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NTDB	id	297	STER	RS00545	WP	011680614.1	ESDIIDLRAQSPALEAMQEAQEIASVTGAVEVG	SEHVLMAFLHLKDLMVCRILEVAGFQYKDDSD	KPRIIDRRSLERN	156	
NTDB	id	329	STU	RS10020	WP	011225298.1	ESDIIDLRAQSPALEAMQEAQGIASVTGAVEVG	SEHVLMAFLHLKDLMVCRILEVAGFQYKDDSD	KPRIIDRRSLERN	156	
consensus							***	*****	***		

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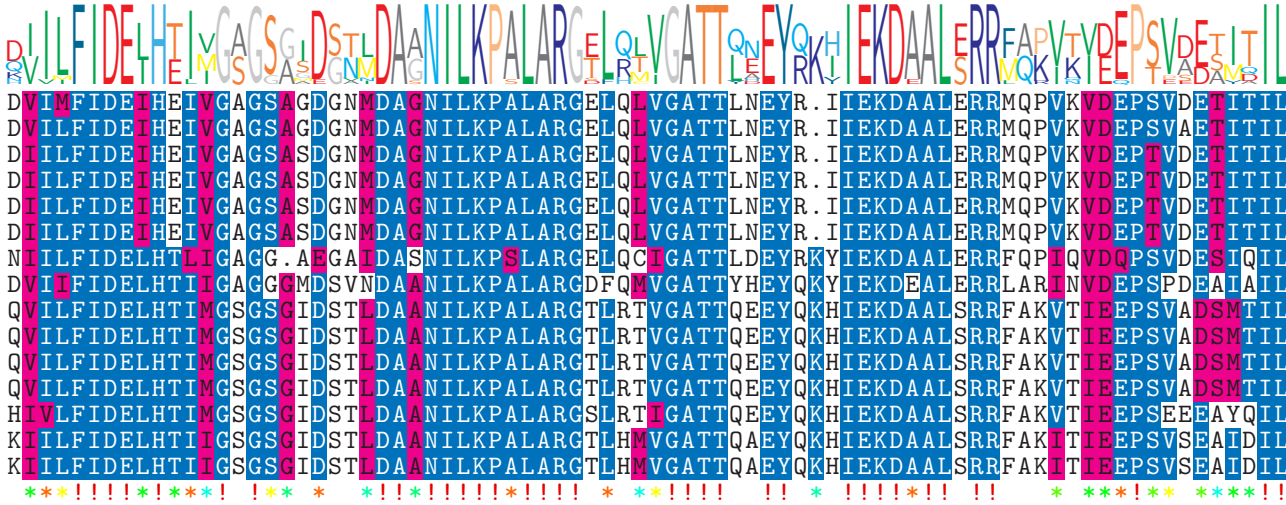
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NTDB id 281 KZH43 RS03550 WP 000882517.1
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NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
NTDB id 1128367 FJH52 RS10595 WP 127820923.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
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	297	STER	RS00545	WP	011680614.1
NTDB	id	329	STU	RS10020	WP	011225298.1
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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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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 297 STER RS00545 WP 011680614.1
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consensus

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NTDB id 601 KW2 RS02615 WP 021036805.1	VDLGYNPAMGARPLRRTIQENTEDSADFYIEHPEYKQ.LVADLIDDKIVISNQTQETAETTDDEEVP	748
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NTDB id 241 SP RS04015 WP 000882523.1	VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKD.LKAVMTSKGNIQIKSAKK.AEVKSSEKEK.	752
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consensus	* !*****!!!!!!*!! *!! *** * * * * * * * * *	

- non conserved
- similar
- ≥ 50% conserved