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NTDB id 610	V4T04 RS10165 WP 012897346.1	MK	F	E	N	I	K	Y	T	P	T	L	D	R	I	L	E	K	A	E	Y	A	H	Q	V	Q	Y	G	T	I	S	A	H	L	L	A	A	M	A	T	T	S	G	S	I	A	Y	S	L	L	A	G	M	N	V	D	S	S	D	L	L	I	D	L	E	D	L	S		SH	72						
NTDB id 377	SMU RS09275 WP 002262344.1		M	T	D	Y	S	L	K	M	Q	E	V	F	R	L	A	Q	F	E	A	A	R	F	E	S	S	Y	L	E	S	H	V	L	L	A	M	V	E	I	D	S	S	V	A	L	S	F	A	E	F	E	A	D	V	R	F	E	D	Y	Q	A	A	A	I	L	A	I	G	K	P	K	S	S	76		
NTDB id 297	STER RS00545 WP 011680614.1		M	T	I	Y	S	R	K	M	Q	A	I	F	H	R	A	Q	L	E	A	R	F	E	S	P	F	L	E	T	W	H	V	L	L	A	M	V	E	T	G	S	V	A	Y	L	T	F	T	D	F	E	D	R	I	H	S	E	E	I	E	T	A	A	V	L	A	M	E	K	R	P	K	D	L	S	76
NTDB id 329	STU RS10020 WP 011225298.1		M	T	I	Y	S	R	K	M	Q	A	I	F	H	R	A	Q	L	E	A	R	F	E	S	P	F	L	E	T	W	H	V	L	L	A	M	V	E	P	G	S	V	A	Y	L	T	F	T	D	F	E	D	R	I	H	S	E	E	I	E	T	A	A	V	L	A	M	E	K	R	P	K	D	L	S	76
NTDB id 306364	DK237 RS09670 WP 009910884.1		M	K	I	S	T	G	L	Q	R	V	F	E	D	A	Q	L	V	A	Q	R	Y	A	C	D	Y	L	E	T	W	H	V	L	L	S	F	V	I	N	H	D	T	V	A	G	A	V	L	A	E	Y	P	I	S	I	S	..	D	Y	E	H	A	T	F	V	V	T	D	K	V	Y	..	RE	71		
NTDB id 287	SP RS11210 WP 001109712.1		M	N	Y	S	K	A	L	N	E	C	I	E	S	A	Y	M	V	A	G	H	F	G	A	R	Y	L	E	S	W	H	L	L	I	A	M	S	N	H	S	S	Y	S	V	A	G	A	T	L	N	D	Y	P	Y	E	M	D	..	R	L	E	E	V	A	E	L	T	E	T	D	Y	..	SQ	71		
NTDB id 290	KZH43 RS10025 WP 001109677.1		M	N	Y	S	K	A	L	N	E	C	I	E	S	A	Y	M	V	A	G	H	F	G	A	R	Y	L	E	S	W	H	L	L	I	A	M	S	N	H	S	S	Y	S	V	A	G	A	T	L	N	D	Y	P	Y	E	M	D	..	R	L	E	E	V	A	E	L	T	E	T	D	Y	..	SQ	71		
NTDB id 289	SPD RS10700 WP 001109677.1		M	N	Y	S	K	A	L	N	E	C																																																																	

NTDB id 85	BSU 00860 NP 387967.1	.QEMSQTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL..L.....	142
NTDB id 610	V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPPRAEEVMATAASFLAIHNNSAEAVGTEHLLYALLQVEDGFGLQLLLKLLLL.....QKINIVSLRKELEKR	143
NTDB id 377	SMU RS09275 WP 002262344.1	N..DIMLLEQSHALKRTLAEAAAIISQVTHAKVEVGTEHVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVIERY	154
NTDB id 297	STER RS00545 WP 011680614.1	ESDIIDLRAQSALPAEAMLQEAEQIASVTGAIVEVGESEHVLMAFLHKLDLMVCRLLEVAGFQYKDDSDDKPRIIDLRSSLERN	156
NTDB id 329	STU RS10020 WP 011225298.1	ESDIIDLRAQSALPAEAMLQEAEQIASVTGAIVEVGESEHVLMAFLHKLDLMVCRLLEVAGFQYKDDSDDKPRIIDLRSSLERN	156
NTDB id 306364	DK237 RS09670 WP 009910884.1	ELDSFRILPSKRLDETASF AKKIAEVVKAKELGTEHLMFAMLLDKRSTASQILDVKVGFCFEDSDDKFRFLDLRNLEAR	151
NTDB id 287	SP RS11210 WP 001109712.1	D.ETFTLPFSRRLLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIIAALRRNLEER	150
NTDB id 290	KZH43 RS10025 WP 001109677.1	D.ETFTLPFSRRLLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIIAALRRNLEER	150
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consensus		* * * * *	

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NTDB id	377	SMU RS09275 WP 002262344.1	ACFSKEDLKAT.FEMRKPKKVKNSSFSDLMKPP.SVTGELADFTRDLTALARQRLEPVIGREQEISRMVQILSRKTKN	232
NTDB id	297	STER RS00545 WP 011680614.1	AGLSKQDLKAI.HDLRKPKKSASANFANMMQPQQSGTGELADYTKDLTALAESGNLDPVIGRDEEISRMIVLSRKTKN	235
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NTDB id	287	SP RS11210 WP 001109712.1	ACWTREDLKAL.RQRHRTVADKQNSMANMGMMPQTP.SGGLEDYTHDLTEQARSCKLEPVIGRDK EISRM IQILSRKTKN	228
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consensus			*!***** * * * * *	

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NTDB id 85 BSU 00860 NP 387967.1
NTDB id 610 V4T04 RS10165 WP 012897346.1
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NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
consensus



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logo

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consensus



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logo

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consensus



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logo

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consensus

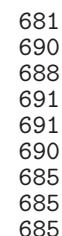


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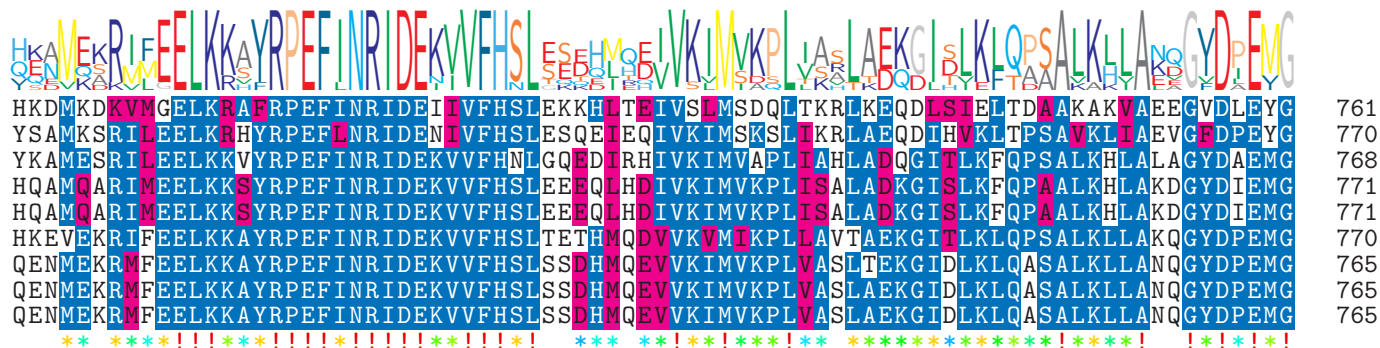
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consensus

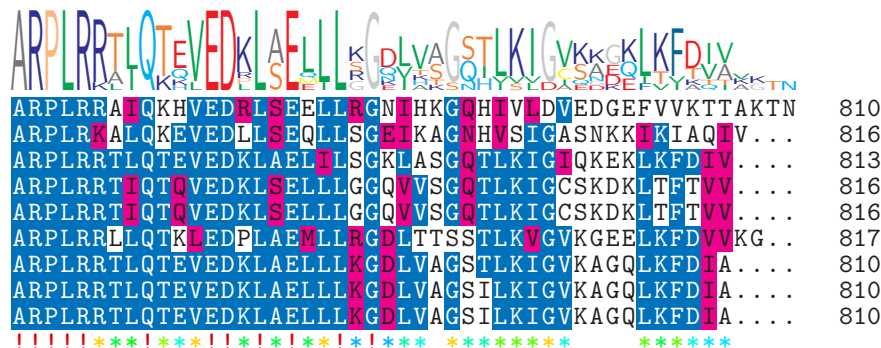
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NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
consensus
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NTDB id 85 BSU 00860 NP 387967.1
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NTDB id 287 SP RS11210 WP 001109712.1
NTDB id 290 KZH43 RS10025 WP 001109677.1
NTDB id 289 SPD RS10700 WP 001109677.1
consensus
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-  non conserved
-  similar
-  >50% conserved