

NTDB id	85	BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGTAAKALQALGLGSEKIQKEVESLIGRG.....	71
NTDB id	610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTLRILEKAIEYAHQVQYGTTIESAHLIAAMATTSGSIAYSLLAGMNVDSDDLIDL.....E..DLSSH	72
NTDB id	287	SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHF GARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	290	KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHF GARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	289	SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHF GARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLAEERFESP FLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLA MEKRPKDLS	76
NTDB id	297	STER RS00545 WP 011680614.1	...MTIYSRKMQAIFHRAQLAEERFESP FLETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETAAVLA MEKRPKDLS	76
NTDB id	288048	DB248 RS09515 WP 010922732.1	MTIMYSTKMQDIFRQAQFAARFSDSHCLETWHVLLAMVAVDNSLANMILSEYDAQVAIEYEAAA ILAMGKTPEQL	76
NTDB id	377	SMU RS09275 WP 002262344.1	MTDYSLMKQEVFRLLAQFEAARFESSYLESWHVLLAMVEIDS SVAGLSFAEFEA DVFREDYQAAA I LAIGKKPKSSS	76
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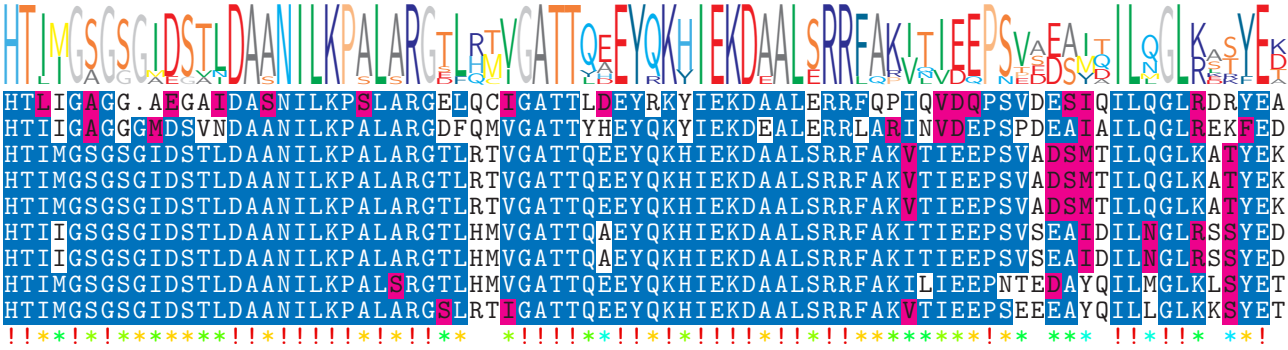
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NTDB id 610	V4T04 RS10165 WP 012897346.1	VKVKRSTLRFSPPRAEEVMTAASFIAIHNNSEAVGTEHLLYALLQVEDGFGLQLLKLI.....QKINIVSLRKELEX	142
NTDB id 287	SP RS11210 WP 001109712.1	QDETFTTELPPSRRLQVLFD EAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 290	KZH43 RS10025 WP 001109677.1	QDETFTTELPPSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 289	SPD RS10700 WP 001109677.1	QDETFTTELPPSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQ.VKIAALRRNLEE	149
NTDB id 329	STU RS10020 WP 011225298.1	ESDIIDLRAQS PPALEAMLQE AQGIASVTGAVEV GSEHVLMAFLLHKDLMVCRILLE VAGFYKYDDSDSK.PRIIDLRRSLER	155
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NTDB id 288048	DB248 RS09515 WP 010922732.1	..SRVDFRPQSKTLTNLLAFAQAIS QITRDQEV GSEHVLFAILLNPDIMASRLLEIAGYQIKDNG NGQPRLAD LRKAIER	154
NTDB id 377	SMU RS09275 WP 002262344.1	..NDIMLEQLSHALKRTLAEAAAISQVTHAKE VGTEHVLFAMLLNPNLLATRIELVGFHAKD DGES.IRLLD LRKVIER	153
consensus		* * * * *	

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NTDB id 610	V4T04 RS10165 WP 012897346.1	RTGLKVP	E	S	K	K	A	V	T	P	M	S	K	R	K	M	A	K	G	V		A	E	N	S	T	T	P	T	L	D	S	V	S	S	D	L	T	E	E	A	R	L	G	K	L	D	P	M	I	G	R	E	A	E	I	D	R	L	I	H	I	L	S	R	R	T	K	214										
NTDB id 287	SP RS11210 WP 001109712.1	RACW	T	R	E	D	L	K	..	A	L	R	Q	R	H	R	T	..	V	A	D	K	Q	N	S	M	A	N	M	M	G	M	P	Q	T	P	S	G	G	L	E	D	Y	T	H	D	L	T	E	Q	A	R	S	G	K	L	E	P	V	I	G	R	D	K	E	I	S	R	M	I	Q	I	L	S	R	K	T	K	227
NTDB id 290	KZH43 RS10025 WP 001109677.1	RACW	T	R	E	D	L	K	..	A	L	R	Q	R	H	R	T	..	V	A	D	K	Q	N	S	M	A	N	M	M	G	M	P	Q	T	P	S	G	G	L	E	D	Y	T	H	D	L	T	E	Q	A	R	S	G	K	L	E	P	V	I	G	R	D	K	E	I	S	R	M	I	Q	I	L	S	R	K	T	K	227
NTDB id 289	SPD RS10700 WP 001109677.1	RACW	T	R	E	D	L	K	..	A	L	R	Q	R	H	R	T	..	V	A	D	K	Q	N	S	M	A	N	M	M	G	M	P	Q	T	P	S	G	G	L	E	D	Y	T	H	D	L	T	E	Q	A	R	S	G	K	L	E	P	V	I	G	R	D	K	E	I	S	R	M	I	Q	I	L	S	R	K	T	K	227
NTDB id 329	STU RS10020 WP 011225298.1	NAGL	S	K	Q	D	L	K	..	A	I	H	D	L	R	K	P	K	K	S	K	A	S	A	N	F	A	N	M	M	Q	P	P	Q	S	S	T	G	E	L	A	D	Y	T	K	D	L	T	A	L	A	E	S	G	N	L	D	P	I	I	G	R	D	E	I	S	R	M	I	Q	V	L	S	R	K	T	K	234	
NTDB id 297	STER RS00545 WP 011680614.1	NAGL	S	K	Q	D	L	K	..	A	I	H	D	L	R	K	P	K	K	S	K	A	S	A	N	F	A	N	M	M	Q	P	P	Q	S	S	T	G	E	L	A	D	Y	T	K	D	L	T	A	L	A	E	S	G	N	L	D	P	V	I	G	R	D	E	E	I	S	R	M	I	Q	V	L	S	R	K	T	K	234
NTDB id 288048	DB248 RS09515 WP 010922732.1	HAC	Y	S	K	E	M	I	K	..	A	I	H	E	L	R	K	P	K	K	T	K	T	Q	G	T	F	S	D	M	M	K	P	..	S	T	A	G	E	L	S	D	F	T	R	D	L	T	E	M	A	R	Q	G	L	E	S	V	I	G	R	D	Q	E	V	S	R	M	I	Q	V	L	S	R	K	T	K	232	
NTDB id 377	SMU RS09275 WP 002262344.1	YAC	F	S	K	E	D	I	K	..	A	I	F	E	M	R	K	P	K	K	V	K	N	S	S	F	S	D	L	M	K	P	..	S	V	T	G																																										

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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 297 STER RS00545 WP 011680614.1
NTDB id 288048 DB248 RS09515 WP 010922732.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus



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logo

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consensus



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logo

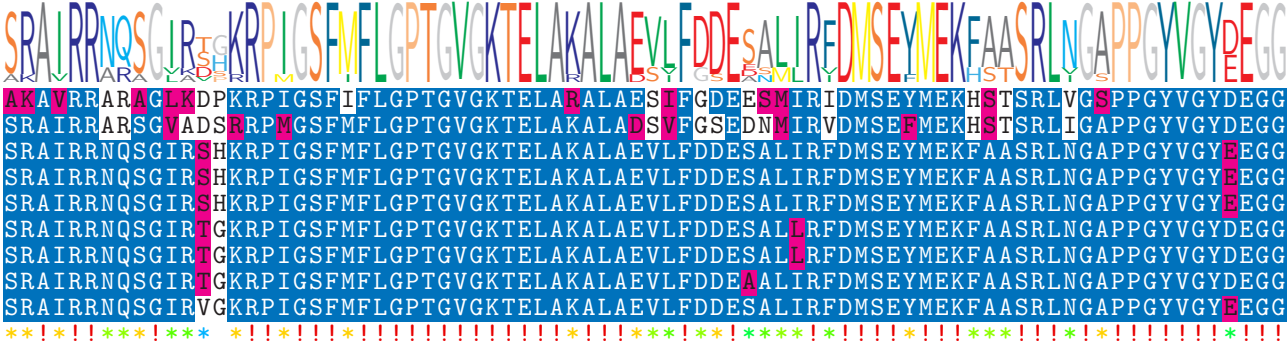
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consensus



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logo

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consensus



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consensus
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consensus

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NTDB id 288048 DB248 RS09515 WP 010922732.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

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-  non conserved
-  similar
-  > 50% conserved