

logo

NTDB id 378 SMU RS02690 WP 002263569.1	MTCQNCKINEA.....	11
NTDB id 281 KZH43 RS03550 WP 000882517.1	MTCQNCKINDS.....	11
NTDB id 245 SPD RS03860 WP 000882517.1	MTCQNCKINDS.....	11
NTDB id 243 SPR RS03635 WP 000882517.1	MTCQNCKINDS.....	11
NTDB id 241 SP RS04015 WP 000882523.1	MTCQNCKINDS.....	11
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQQVLAALAQEEBALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLI.....GR	70
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYTPITDRILEKAEYYAHQYQYGTIESAHLAAMATTSCSTAYSLLAGMNVDSDDLII.....DLEDLSSH	72
NTDB id 107301 ACAM22 RS00230 WP 265471636.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNNHSYSVAGATLNDYPYEIDRLE....EVALELTETDYS	70
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNNHSYSVAGATLNDYPYEMDRLE....EVALELTETDYS	70
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAATLAIATGKKPKSSS	76
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLIETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLIETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
consensus	*** ** * * * *** * ** *	

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NTDB id 378 SMU RS02690 WP 002263569.1	...TIHLYANVNQKKQIDLC.....QNCYKIKTDPNMSLFGKMTD....LNNDDFDP.FGDFFNLDN	68
NTDB id 281 KZH43 RS03550 WP 000882517.1	...TIHLYTNLNGKQKQIDLC.....QNCYKIKTDPNMSLFGKMTD....LNNDDFDP.FGDFFNLDN	67
NTDB id 245 SPD RS03860 WP 000882517.1	...TIHLYTNLNGKQKQIDLC.....QNCYKIKTDPNMSLFGKMTD....LNNDDFDP.FGDFFNLDN	67
NTDB id 243 SPR RS03635 WP 000882517.1	...TIHLYTNLNGKQKQIDLC.....QNCYKIKTDPNMSLFGKMTD....LNNDDFDP.FGDFFNLDN	67
NTDB id 241 SP RS04015 WP 000882523.1	...TIHLYTNLNGKQKQIDLC.....QNCYKIKTDPNMSLFGKMTD....LNNDDFDP.FGDFFNLDN	67
NTDB id 85 BSU 00860 NP 387967.1	GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVCTEHLGLIRE.G.EGVAAARVNNLGVSLNKARQQVLQL.....	141
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NTDB id 107301 ACAM22 RS00230 WP 265471636.1	QDETFTFELPFSRRLQVLFDEAEYVASVVHAKVLCTEHVFYAILHD.G.NALATRILERACFSYEDKKDQVKIAALRRNLE	148
NTDB id 287 SP RS11210 WP 001109712.1	QDETFTFELPFSRRLQVLFDEAEYVASVVHAKVLCTEHVFYAILHD.S.NALATRILERACFSYEDKKDQVKIAALRRNLE	148
NTDB id 290 KZH43 RS10025 WP 001109677.1	QDETFTFELPFSRRLQVLFDEAEYVASVVHAKVLCTEHVFYAILHD.G.NALATRILERACFSYEDKKDQVKIAALRRNLE	148
NTDB id 289 SPD RS10700 WP 001109677.1	QDETFTFELPFSRRLQVLFDEAEYVASVVHAKVLCTEHVFYAILHD.G.NALATRILERACFSYEDKKDQVKIAALRRNLE	148
NTDB id 377 SMU RS09275 WP 002262344.1	N..DITMLECSHALKRTLABAAAIISQVTHAKEVCTEHLVLAALLN.P.NLLATRILLELVGFHAKDDGESIRLLDLRKYIE	152
NTDB id 297 STER RS00545 WP 011680614.1	ESDIIDLRAQSPALEAMLQEAQETASVTGAVEVGSSEHVLMAFLLH.K.DLMVCRILLEVAGCFQYKDDSDKPRITIDLRASLE	154
NTDB id 329 STU RS10020 WP 011225298.1	ESDIIDLRAQSPALEAMLQEAQETASVTGAVEVGSSEHVLMAFLLH.K.DLMVCRILLEVAGCFQYKDDSDKPRITIDLRASLE	154
consensus	*** * ** * * *** * ** ***** * * *** * *	

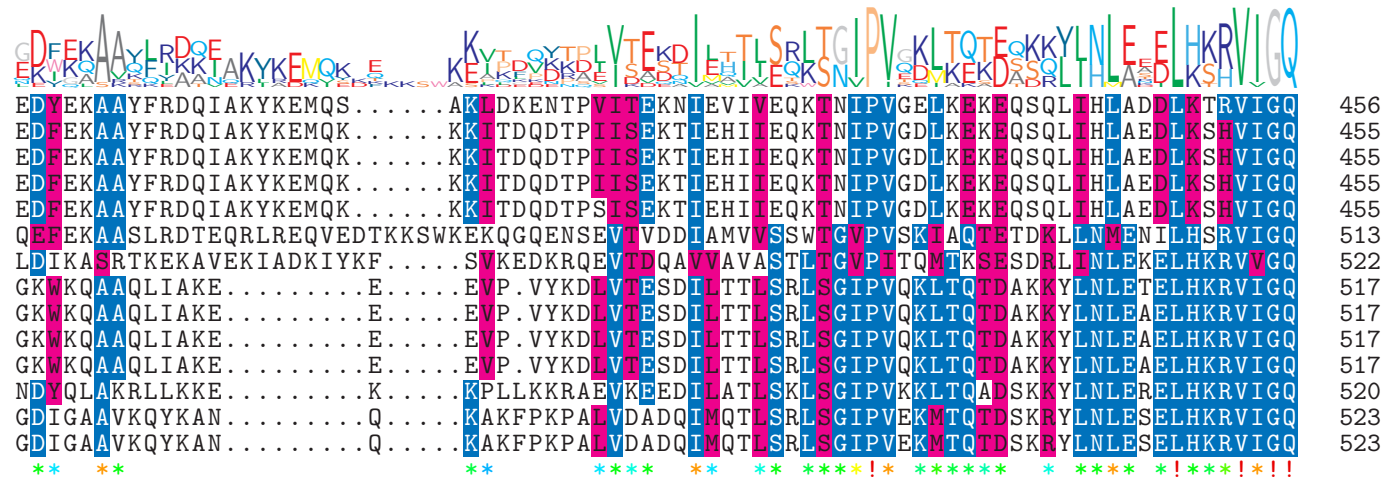
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NTDB id 281 KZH43 RS03550 WP 000882517.1	NFRPSSN..TPP.IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGCDIPVIGRDEEITRVIE	144
NTDB id 245 SPD RS03860 WP 000882517.1	NFRPSSN..TPP.IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGCDIPVIGRDEEITRVIE	144
NTDB id 243 SPR RS03635 WP 000882517.1	NFRPSSN..TPP.IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGCDIPVIGRDEEITRVIE	144
NTDB id 241 SP RS04015 WP 000882523.1	NFRPSSN..TPP.IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGCDIPVIGRDEEITRVIE	144
NTDB id 85 BSU 00860 NP 387967.1	..LGSNET.....GSSAAGTNSMANPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVIE	194
NTDB id 610 V4T04 RS10165 WP 012897346.1	KRTGLKVPESKKAVTPMSRKRM.....AKG.....VAENSTIPTLDSVSSDLTEEARLCKLDPMIGREAEIDRLIH	207
NTDB id 107301 ACAM22 RS00230 WP 265471636.1	ERACGWTREDLKA.LRQRHRTV.....ADKQNSMANMMGMPQTSPSGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIQ	220
NTDB id 287 SP RS11210 WP 001109712.1	ERACGWTREDLKA.LRQRHRTV.....ADKQNSMANMMGMPQTSPSGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIQ	220
NTDB id 290 KZH43 RS10025 WP 001109677.1	ERACGWTREDLKA.LRQRHRTV.....ADKQNSMANMMGMPQTSPSGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIQ	220
NTDB id 289 SPD RS10700 WP 001109677.1	ERACGWTREDLKA.LRQRHRTV.....ADKQNSMANMMGMPQTSPSGLEDYTHDLTEQARSCKLEPVIGRDKEISRMIQ	220
NTDB id 377 SMU RS09275 WP 002262344.1	RYAGFSKEDIKA.IFEMRKPKK.....VKNSSSFSDLMKPP.SVTGELADFTRDLTTELARQGRLEPVIGREQEISRMVQ	224
NTDB id 297 STER RS00545 WP 011680614.1	RNACLSKQDLKA.IHDLRKPKK.....SKASANFANMMQPPQSSTGELADYTKDLTALAESCNLDPVIGRDEEISRMIQ	227
NTDB id 329 STU RS10020 WP 011225298.1	RNACLSKQDLKA.IHDLRKPKK.....SKASANFANMMQPPQSSTGELADYTKDLTALAESCNLDPVIGRDEEISRMIQ	227
consensus	* * *** * *	


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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
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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consensus

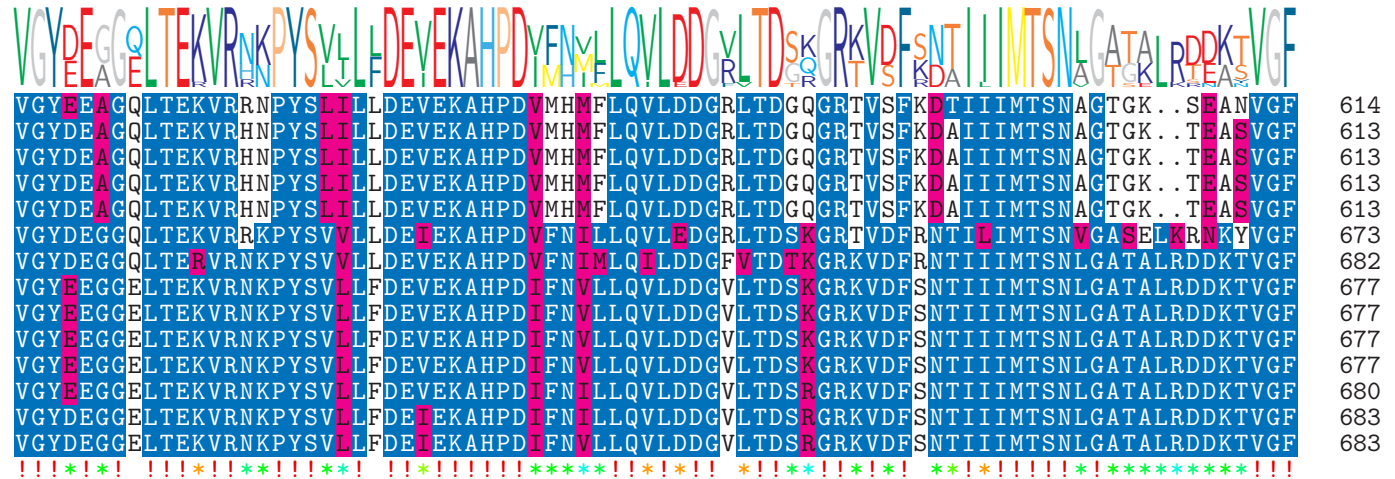
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NTDB id 329 STU RS10020 WP 011225298.1
consensus

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[illegible]

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NTDB id 245	SPD RS03860 WP 000882517.1	LGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSGKNIQIKS	AKKAEVKSSEKEK	752
NTDB id 243	SPR RS03635 WP 000882517.1	LGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSGKNIQIKS	AKKAEVKSSEKEK	752
NTDB id 241	SP RS04015 WP 000882523.1	LGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDLK.AVMTSGKNIQIKS	AKKAEVKSSEKEK	752
NTDB id 85	BSU 00860 NP 387967.1	EGVDLEYGARPLRRAIQKHVEDRLSEELLRCNTHKGQHIVLDVEDGEFVVKTTAKTN		810
NTDB id 610	V4T04 RS10165 WP 012897346.1	VGFDPPEYGARPLRKALQKEVEDLSEQLLSGEIKAGNHVSIGAS	SNKKIKIAQIV.....	816
NTDB id 107301	ACAM22 RS00230 WP 265471636.1	QGYDPEMGARPLRRTLQTEVEDKLAELLKGDVLVAGSTLKIGVKAGQLKFDIA		810
NTDB id 287	SP RS11210 WP 001109712.1	QGYDPEMGARPLRRTLQTEVEDKLAELLKGDVLVAGSTLKIGVKAGQLKFDIA		810
NTDB id 290	KZH43 RS10025 WP 001109677.1	QGYDPEMGARPLRRTLQTEVEDKLAELLKGDVLVAGSILKIGVKAGQLKFDIA		810
NTDB id 289	SPD RS10700 WP 001109677.1	QGYDPEMGARPLRRTLQTEVEDKLAELLKGDVLVAGSILKIGVKAGQLKFDIA		810
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NTDB id 329	STU RS10020 WP 011225298.1	DGYDIEMGARPLRRTIQTQVEDKLSSELLGGQVVSQTLKIGCSKDKLTFTVV		816
consensus		!*!***!!!!!!*!*!*!***!*!*!*!*!*!*!*!*!*!*		

- X non conserved
- X similar
- X $\geq 50\%$ conserved