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NTDB id 478 HSISS4 RS06985 WP 021143811.1	MTENKNVILSARDIVVEFDVDRDRLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGQDLTKLK	85
NTDB id 327 STU RS16115 WP 011226304.1	MTENKNVILSARDIVVEFDVDRDRLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDLTKFKS	85
NTDB id 295 STER RS06915 WP 011226304.1	MTENKNVILSARDIVVEFDVDRDRLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDLTKFKS	85
NTDB id 33487 SZO RS08760 WP 012678544.1	..MTNETILSVKNLHVDFKTYAGDVKAIRNLSFELKKGETLAIVGESGSGKSVTTRITLMGLNAKNAS.ISGDI CFK GKQLNELK.	81
NTDB id 361 SMU RS01310 WP 002262737.1	..MS KEK ILQVNLHVNFHTYAGEVKAIRDVSFYLEKGETLAIVGESGSGKSVTTRITLMGLSAKNAE.IFGDI EFK GHNLDLK.	81
consensus	*****!!*****!******!!!!*!!	

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NTDB id 478 HSISS4 RS06985 WP 021143811.1	HQDWAHIRGAKIATIFQDPMTSLDPIKTIGSQIIEVIVKHQGKSAKEAKKMAIDYMDKVGIPDAEKRFNEYPPFYSGGMRQRIVI	170
NTDB id 327 STU RS16115 WP 011226304.1	HQDWAHIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPPFYSGGMRQRIVI	170
NTDB id 295 STER RS06915 WP 011226304.1	HQDWAHIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPPFYSGGMRQRIVI	170
NTDB id 33487 SZO RS08760 WP 012678544.1	EEEWVKVRCNEIAMIFQDPMTSLDPTMTIGMQIAEATMIHQSIHKTEALKRAEDLMRQVVGIPNAEHLKDYPHQWSGGMRQRAVI	166
NTDB id 361 SMU RS01310 WP 002262737.1	EEDVWHIRGNDISMIQDPMTSLDPTMRIGLQIAEPTIKHEKVTKKEALKRAEDMMEKVGIPNACEHINDYPHQWSGGMRQRAVI	166
consensus	***!* *!!	

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NTDB id 478 HSISS4 RS06985 WP 021143811.1	AIALACRPDVLICDEPTTALDVTIQAQIIDLKSLKEEYGFVSIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY	255
NTDB id 327 STU RS16115 WP 011226304.1	AIALACRPDVLICDEPTTALDVTIQAQIIDLKSLKEEYGFVSIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY	255
NTDB id 295 STER RS06915 WP 011226304.1	AIALACRPDVLICDEPTTALDVTIQAQIIDLKSLKEEYGFVSIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY	255
NTDB id 33487 SZO RS08760 WP 012678544.1	AIALAANPDILIADEPTTALDVTIQAQIKLMKDITQSQTASSIIFITHDLGVVAGMADRVAVMYAGKIVEYCTVDEVFYHPQHPY	251
NTDB id 361 SMU RS01310 WP 002262737.1	AIALATNPETILVADEPTTALDVTIQAQIHLMKEITQKNTDSSIIFITHDLGVVAGMADRVAVMYAGKIVEYCTVDEVFYNPQHPY	251
consensus	!!!!*!!	

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NTDB id 478 HSISS4 RS06985 WP 021143811.1	TWSLLSSLPQLADDNGELFSIPGTPPSLYTPVVGDAFALRSDYAMQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVEKPAVIQNL	340
NTDB id 327 STU RS16115 WP 011226304.1	TWSLLSSLPQLADDNGKLFISIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVDKPAVIQNL	340
NTDB id 295 STER RS06915 WP 011226304.1	TWSLLSSLPQLADDNGKLFISIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVDKPAVIQNL	340
NTDB id 33487 SZO RS08760 WP 012678544.1	TWGLLNSMPTTATAAGSLRSIPGTPPDLINPPKGDFAFARNEFALDIDHIKEPPMFKVSDSHYAATWLLDERAPKITPPLPIRKR	336
NTDB id 361 SMU RS01310 WP 002262737.1	TWGLLNSMPTTNTASCSLHSIPGTPPDLLQPPQGDFAFARNEFALDIDLKEEPPFFKVSDSHYAATWLLDDRAPKITPPEILQR	336
consensus	!!*!!	

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NTDB id 478 HSISS4 RS06985 WP 021143811.1	HEKIRANMGAFAHLGDEEEGN	361
NTDB id 327 STU RS16115 WP 011226304.1	HEKILANMGAFAHLGDEEEGN	361
NTDB id 295 STER RS06915 WP 011226304.1	HEKILANMGAFAHLGDEEEGN	361
NTDB id 33487 SZO RS08760 WP 012678544.1	WAKWQEMEERKA.....	348
NTDB id 361 SMU RS01310 WP 002262737.1	WEKWKSLQCEKHND.....	350
consensus	***!* *****	

 non conserved
 similar
 $\geq 50\%$ conserved