

logo

NTDB id 361 SMU RS01310 WP 002262737.1	MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL	77
NTDB id 978876 MGAS37856 RS08190 WP 010921893.1	..MSKEKILQVNNIHNFTHYAGEVKAIRDVSFYLEKGETLAIVGESGSGKSVLTRTLMLGLSAKNAEILFGDIEFKGHNL	80
NTDB id 478 HSISS4 RS06985 WP 021143811.1	MTKENNVILTAKDVVVEFDVRDRVLTAIRNVSLDLVEGEVLAFVGESGSGKSVLTKTFTGMLEENGRVANGSIYVRGQDL	80
NTDB id 327 STU RS16115 WP 011226304.1	MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL	80
NTDB id 295 STER RS06915 WP 011226304.1	MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL	80
consensus	*****!!*****!*!*****!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!	

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NTDB id 361 SMU RS01310 WP 002262737.1	TKLKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIQSQILEVIVKHQKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY	156
NTDB id 978876 MGAS37856 RS08190 WP 010921893.1	NDLKEEDVWHIRGNDTSMIFQDPMTSLDPTMRIGLQIAEPTIKHEKVTKKEALKRALDMMKVGIPNAQEHINDYPHQW	160
NTDB id 478 HSISS4 RS06985 WP 021143811.1	TKLKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIQSQILEVIVKHQKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY	160
NTDB id 327 STU RS16115 WP 011226304.1	TKLKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIQSQILEVIVKHQKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY	160
NTDB id 295 STER RS06915 WP 011226304.1	TKLKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIQSQILEVIVKHQKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY	160
consensus	***!*****!*!!!!*!*!*!*!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!	

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NTDB id 361 SMU RS01310 WP 002262737.1	SGGMRQRIVIAIALACRPDYLICDEPTTALDVTIQAQIIDLKSLKKEEYGFYSYIFITHDLGVASIADKVAVMYAGEIIE	236
NTDB id 978876 MGAS37856 RS08190 WP 010921893.1	SGGMRQRIVIAIALACRPDYLICDEPTTALDVTIQAQIIDLKSLKKEEYGFYSYIFITHDLGVASIADKVAVMYAGEIIE	240
NTDB id 478 HSISS4 RS06985 WP 021143811.1	SGGMRQRIVIAIALACRPDYLICDEPTTALDVTIQAQIIDLKSLKKEEYGFYSYIFITHDLGVASIADKVAVMYAGEIIE	240
NTDB id 327 STU RS16115 WP 011226304.1	SGGMRQRIVIAIALACRPDYLICDEPTTALDVTIQAQIIDLKSLKKEEYGFYSYIFITHDLGVASIADKVAVMYAGEIIE	240
NTDB id 295 STER RS06915 WP 011226304.1	SGGMRQRIVIAIALACRPDYLICDEPTTALDVTIQAQIIDLKSLKKEEYGFYSYIFITHDLGVASIADKVAVMYAGEIIE	240
consensus	!!!!!!*!!!!!!*!!*!!*!!*!!!!!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!	

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NTDB id 361 SMU RS01310 WP 002262737.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDSKELFSGTTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	316
NTDB id 978876 MGAS37856 RS08190 WP 010921893.1	YCTVDEVFYNPQHYPYTWGLINSMPITTNTASGSLHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEEPFFFKVSDSHYAA	320
NTDB id 478 HSISS4 RS06985 WP 021143811.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDSKELFSGTTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
NTDB id 327 STU RS16115 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDSKELFSGTTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
NTDB id 295 STER RS06915 WP 011226304.1	YATVEEIFYEPCHPYTWSLLSSLPQLADDSKELFSGTTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK	320
consensus	*!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!	

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NTDB id 361 SMU RS01310 WP 002262737.1	TWLLHEDAPKVDPKPAVIQNLHEKILANMGFAHLGDEEEGNA	350
NTDB id 978876 MGAS37856 RS08190 WP 010921893.1	TWLLHEDAPKVDPKPAVIQNLHEKILANMGFAHLGDEEEGNA	356
NTDB id 478 HSISS4 RS06985 WP 021143811.1	TWLLHEDAPKVDPKPAVIQNLHEKILANMGFAHLGDEEEGNA	361
NTDB id 327 STU RS16115 WP 011226304.1	TWLLHEDAPKVDPKPAVIQNLHEKILANMGFAHLGDEEEGNA	361
NTDB id 295 STER RS06915 WP 011226304.1	TWLLHEDAPKVDPKPAVIQNLHEKILANMGFAHLGDEEEGNA	361
consensus	!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!!!!!!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!	

 non conserved
 similar
 $\geq 50\%$ conserved