

NTDB id	85	BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGTAAKALQALGLGSEKIQKEVESLIGRG.....	71
NTDB id	610	V4T04 RS10165 WP 012897346.1	MKFENIKYIPTLRILEKAIEYAHQVQYGTTIESAHLILAAMATTSGSIAYSSLAGMNVDSDDLIDL.....E..DLSSH	72
NTDB id	287	SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFAGARYLESWHLLIAMSNSHSYSVAGATLNDDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	290	KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFAGARYLESWHLLIAMSNSHSYSVAGATLNDDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	289	SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFAGARYLESWHLLIAMSNSHSYSVAGATLNDDYPYEMDRLEE.....VALELTETDYS	70
NTDB id	329	STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLAEAFRFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
NTDB id	297	STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLAEAFRFESPFLLETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS	76
NTDB id	341556	ETT62 RS08525 WP 136120894.1	MTIMYSTKMQDIFRQAQFQAARFDSDHCLETWHVLLAMVAVDNLANMLISEYDAQVAIEEYEAAAILAMGKTPKEQL	76
NTDB id	377	SMU RS09275 WP 002262344.1	MTDYSLMKQEVRFLAQFEAARFESSYLESWHVLLAMVEIDSVAAGLSFAEFEAADVRFEDYQAAAIIAIGKKPKSSS	76
consensus			* * * * *	*

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NTDB id 610 V4T04 RS10165 WP 012897346.1 VKVKRSTLRFS~~PRAEEVMTAASFLAIHNNS~~EAVGTEHLLYALLQVEDGFGLQLLK~~L.....QKINIVSLRKELEX~~ 142
NTDB id 287 SP RS11210 WP 001109712.1 QD~~ETFTELPSRRLLQVLFD~~EAEYVASVVHAKVLGT~~EHVLYAILHDGNALATRIL~~RAGFSYEDKK~~DQ.VKIAAALRNLEE~~ 149
NTDB id 290 KZH43 RS10025 WP 001109677.1 QD~~ETFTELPSRRLLQILFDEAEYVASVVHAKVLGT~~EHVLYAILHDGNALATRIL~~RAGFSYEDKKDQ.VKIAAALRNLEE~~ 149
NTDB id 289 SPD RS10700 WP 001109677.1 QD~~ETFTELPSRRLLQILFDEAEYVASVVHAKVLGT~~EHVLYAILHDGNALATRIL~~RAGFSYEDKKDQ.VKIAAALRNLEE~~ 149
NTDB id 329 STU RS10020 WP 011225298.1 ESDIIDLRAQS~~PALEAMLQEAQG~~IASVTGAVEVGSEHVLMAFLLHKDL~~MVCRLLEVAGFYQKDDSDK.PRIIDLRRSLSER~~ 155
NTDB id 297 STER RS00545 WP 011680614.1 ESDIIDLRAQS~~PALEAMLQEAQE~~IASVTGAVEVGSEHVLMAFLLHKDL~~MVCRLLEVAGFYQKDDSDK.PRIIDLRRSLSER~~ 155
NTDB id 341556 ETT62 RS08525 WP 136120894.1 ..SRVDFRPQSKTLTNLLAF~~AQAISQITRDQEVGSEHVLFATLLNP~~DIMASRLLEIAGYQIKDN~~NGQPRLADLRKAIER~~ 154
NTDB id 377 SMU RS09275 WP 002262344.1 ..NDIMLLEQSHALKRTLA~~EAATAISQVTHAKEVGTEHVLFAMLLNPNL~~LATRILELVGFHAKD~~DGES.IRLDLLRKVI~~ER 153

consensus * * * * * ! ! ! ! ! * * * * * ! ! ! ! ! * * * * *

NTDB id 85 BSU 00860 NP 387967.1 ..G.....SSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVTEVLSRRTK 201

NTDB id 610 V4T04 RS10165 WP 012897346.1 RTGLKVPEISKKAIVTPMSKRKMAGV.....AENSTTTPTLDSSVDLTTEEARLGKLDPMIGREAEIDRLIHILSRRTK 214

NTDB id 287 SP RS11210 WP 001109712.1 RACWTR EDLK.ALRQRHRT.VADKQNSMANMMGMPPQTSPGGLEDYTHDLTEQARS GKLEPVIGRDKEISRM IQILSRKT K 227

NTDB id 290 KZH43 RS10025 WP 001109677.1 RACWTR EDLK.ALRQRHRT.VADKQNSMANMMGMPPQTSPGGLEDYTHDLTEQARS GKLEPVIGRDKEISRM IQILSRKT K 227

NTDB id 289 SPD RS10700 WP 001109677.1 RACWTR EDLK.ALRQRHRT.VADKQNSMANMMGMPPQTSPGGLEDYTHDLTEQARS GKLEPVIGRDKEISRM IQILSRKT K 227

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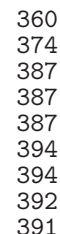
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NTDB id 377 SMU RS09275 WP 002262344.1 YACFSKEDIK.AIFEMRKPKKVKNSSFSDLMPKP.SVTGELADFTRDLTELARQGRLEPVIGREQEISRM VQILSRKT K 231

consensus
!******! * * * * *

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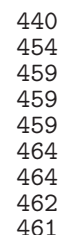
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NTDB id 329 STU RS10020 WP 011225298.1
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consensus
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consensus

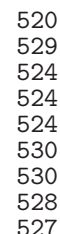
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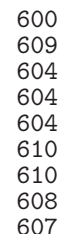
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 341556 ETT62 RS08525 WP 136120894.1
NTDB id 377 SMU RS09275 WP 002262344.1
consensus

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-  non conserved
-  similar
-  >50% conserved