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NTDB id 1111 NGFG RS09220 WP 003689814.1	...MSDLVLSPPFAVP.LAAVLGLLVGSFLNVVIYRVVMMERGWTVFAKEHLNPLTDDDESRTFNLMPDSCCPKCRVP	76
NTDB id 83310 RG70 RS15815 WP 001365924.1	..MLFDVFQQYPVAMPILATVGGLIIGSFLNVVIWRYPIMLRQQMAEFH.....GEMPSAQSKISLALPRSHCPHCQQT	72
NTDB id 1438 BW25113 RS15435 WP 001333829.1	..MLFDVFQQYPPTAMPVLATVGGLIIGSFLNVVIWRYPIMLRQQMAEFH.....GEMSSAQSKISLALPRSHCPHCQQT	72
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQCEQMLLNPEQPIIDHEKLTLSKPASSCPACHQP	80
NTDB id 1061 ABD1 RS18470 WP 001152280.1	MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQCEQMLLNPEQPIIDHERLTNLKPASSCPACQQP	80
NTDB id 1170 A1552VC RS11080 WP 000418747.1	.MELFFYY...PWLFPVLATLFLGLVIGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQTP	76
NTDB id 1403 DSB67 RS12675 WP 010643256.1	.MEVFQYY...PWLFLVVFATIFGLVIGSFLNVVIYRLPKIMELEWRRRECAESFPEYKIEPPKETLTLSVPRSSCQCCGTQ	76
consensus	*** ** * * **** * !!!!!!!!!!!!!!! !***** ** * **** !!!!!!! !***	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	IRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVWAWYGVSWITLGGILTAFLISLTFIDADTQYLPDS	156
NTDB id 83310 RG70 RS15815 WP 001365924.1	IRVRDNIPLLSWLMKGRCDRCQAKISKRYPLVELLTALAFLLASLVWPESGWALAVMILSAWLIAASTIDLDHQWLPDV	152
NTDB id 1438 BW25113 RS15435 WP 001333829.1	IRIRDNIPILFSWLMKGRCDRCQAKISKRYPLVELLTALAFLLASLVWPESGWGLAVMILSAWLIAASVIDLDHQWLPDV	152
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	IRWYQNIPLISWLVLRGKCGHCHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTIDFDTQLLPDR	160
NTDB id 1061 ABD1 RS18470 WP 001152280.1	IRWYQNIPLVISWLVLRGKCGHCHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTIDFDTQLLPDR	160
NTDB id 1170 A1552VC RS11080 WP 000418747.1	IRVIDNIPILSWLALRGKCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIATFIDFDTLLLPDQ	156
NTDB id 1403 DSB67 RS12675 WP 010643256.1	IRIRDNIPVISWLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIATFIDLDTMLLPDQ	156
consensus	!!* *!!!!!!*!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	MTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLCAVYKLLTGKTMGMNGDFKLTAAALGAWLGISALPVLIFVSS	235
NTDB id 83310 RG70 RS15815 WP 001365924.1	FTQGVLTWGLIAAWAQSPSLTLQDAVTGVLVGFITFYSLRWIAGIVLRKEALGMGDVLLFAALGSWVGPLSLPNVALIAS	232
NTDB id 1438 BW25113 RS15435 WP 001333829.1	FTQGVLTWGLIAAWAQSPSLTLQDAVTGVLVGFITFYSLRWIAGIVLRKEALGMGDVLLFAALGGWVGALSLPNVALIAS	232
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLKFVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS	239
NTDB id 1061 ABD1 RS18470 WP 001152280.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLKFVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS	239
NTDB id 1170 A1552VC RS11080 WP 000418747.1	LTLPLIWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLSS	236
NTDB id 1403 DSB67 RS12675 WP 010643256.1	LTLPLMWTGIALALAGISPVSLQDSTIGAMAGYLCWVYWLKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLSS	236
consensus	*!!!!!! !**** * **** * !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! * !!!!!!!	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	LIGLVAATVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWRAVNWVWLTHPVR...	286
NTDB id 83310 RG70 RS15815 WP 001365924.1	CCGLIYAVITKRG....STTLFPFGPCLSLGGIATLYLQALF.....	269
NTDB id 1438 BW25113 RS15435 WP 001333829.1	CCGLIYAVITKRG....STTLFPFGPCLSLGGIATLYLQALF.....	269
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	LLGAIIGIILLKLRND..NQPFAGFPYIAIAGWVAFWLGWDQI...MKIYLG...	286
NTDB id 1061 ABD1 RS18470 WP 001152280.1	LLGAIIGIILLKLRND..NQPFAGFPYIAIAGWVAFWLGWDQI...MKIYLG...	286
NTDB id 1170 A1552VC RS11080 WP 000418747.1	VVGVIIFGLIQLRQKKGIDMAFFPGPYLAIAAGWVAFWLGWDKV...IDWYFTTWVGQPL	291
NTDB id 1403 DSB67 RS12675 WP 010643256.1	VVGVIIFGLIQLRLQKQIEKAFFPGPYLAIAAGWVSLIWGHQI...LNWYFTSILGV..	289
consensus	***!!!!!!** *!!!!!!*****!***** * * *	

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved