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NTDB id 1111 NGFG RS09220 WP 003689814.1	...MSDLVLSPFAVP.LAAVLGLLVGSFLNVVIYRVVMMERGWTVFAKEHLNPLTDDDESRTFNLMPDSCCPKCRVP	76
NTDB id 94113 AN206 RS03975 WP 000895874.1	..MLFDVFQQYPAAMPILATVGGLIIGSFLNVVIWRYPIMLRQQMAEFH....G.ETPSTQSKISLALPRSHCPHCQQT	72
NTDB id 1438 BW25113 RS15435 WP 001333829.1	..MLFDVFQQYPTAMPVLTATVGGLIIGSFLNVVIWRYPIMLRQQMAEFH....G.EMSSAQSKISLALPRSHCPHCQQT	72
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQCEQMLLNPEQPIIDHEKLTLSKPASSCPACHQP	80
NTDB id 1061 ABD1 RS18470 WP 001152280.1	MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQCEQMLLNPEQPIIDHERLTNLNKPASSCPACQQP	80
NTDB id 1170 A1552VC RS11080 WP 000418747.1	.MELFFYFY...PWLFPVLTATLFLGLVIGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQTP	76
NTDB id 1403 DSB67 RS12675 WP 010643256.1	.MEVFQYY...PWLFLVVFATIFGLVIGSFLNVVIYRLPKIMELEWRRERCAESFPEYKIEPPKETLTLSVPRSSCQCCGTQ	76
consensus	*** ** * * **** * !!!!!!!!!!!!!!! !***** ** **** !!!!!!! !***	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	IRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVWAWQYGVSWITLGGILTAFSLTTFIDADTQYLPDS	156
NTDB id 94113 AN206 RS03975 WP 000895874.1	IRVRDNIPLLSWLMKGRCDRCQAKISKRYPLVELLTALAFLLASLVWPESGWGLAVMILSAWLIAASTIDLDNQWLPDV	152
NTDB id 1438 BW25113 RS15435 WP 001333829.1	IRIRDNIPLFSWLMKGRCDRCQAKISKRYPLVELLTALAFLLASLVWPESGWGLAVMILSAWLIAASVIDLDHQWLPDV	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	IRVIDNIPLLSWLALRGKCHCKAPISARYPLIELLTALMSLVIAATHFPFGVFAVALLFFSYVLIATFIDFDTLLLPDQ	156
NTDB id 1403 DSB67 RS12675 WP 010643256.1	IRIRDNIPLVISWLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIATFIDLDTMLLPDQ	156
consensus	!!* *!!!!!!*!***** !!!!!* !!!!!!!*!***** **** * * *****!!!!***** !!!!!!!	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	MTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLCAVYKLLTGKTMGMNGDFKLTAAALGAWLGISALPVLIFVSS	235
NTDB id 94113 AN206 RS03975 WP 000895874.1	FTQGVLTWGLIAAWAQSPSLTLQDAVTGVLVGFITFYSLRWIAGIVLRKEALGMGDVLLFAALGGWVGALSLPNVALIAS	232
NTDB id 1438 BW25113 RS15435 WP 001333829.1	FTQGVLTWGLIAAWAQSPSLTLQDAVTGVLVGFITFYSLRWIAGIVLRKEALGMGDVLLFAALGGWVGALSLPNVALIAS	232
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS	239
NTDB id 1061 ABD1 RS18470 WP 001152280.1	FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS	239
NTDB id 1170 A1552VC RS11080 WP 000418747.1	LTLPLIWGGIALALLGFSPVSLSDAIVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLSS	236
NTDB id 1403 DSB67 RS12675 WP 010643256.1	LTLPLMWTGIALALAGISPVSLQDSTIGAMAGYLCWVYVWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLSS	236
consensus	*!!!!!! !**** * ***** ! *********!!!!*****!!!!!! * !!!!!!!	

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NTDB id 1111 NGFG RS09220 WP 003689814.1	LIGLVAATVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWRAVNWVWLTHPVR...	286
NTDB id 94113 AN206 RS03975 WP 000895874.1	CCGLIYAVITKRG....STTLFPFGPCLSLGGIATLYLQALF.....	269
NTDB id 1438 BW25113 RS15435 WP 001333829.1	CCGLIYAVITKRG....STTLFPFGPCLSLGGIATLYLQALF.....	269
NTDB id 1080 FDQ49 RS18305 WP 022575844.1	LLGAIIGIILLKLRND..NQPFAGFPYIAIAGWVAFWLGWDQI...MKIYVGG.....	286
NTDB id 1061 ABD1 RS18470 WP 001152280.1	LLGAIIGIILLKLRND..NQPFAGFPYIAIAGWVAFWLGWDQI...MKIYVGG.....	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