

[illegible]

NTDB id 587 KW2 RS10850 WP 042211510.1	HQGLSSGKSLSEILESLSFSKNVVTQLALVEVHGNLVGTMLQVLVHLKKQLKVKKKKLEI VATYPVVLLVFLIGIMWGLKN	139
NTDB id 1127331 FGK96 RS00635 WP 269472105.1	KTDLLNGCSLSEMMRHLGFDPDGIVTQLSLAEAHGNTKKCLGKVEDYLVQTQKIRQKTIEVV TYPITILLTFLILIVLGLRH	160
NTDB id 395 FSA28 RS09400 WP 257638827.1	RQGLLNLGLHLAEITMSSLGFSDDDVVTQLALSEVHGNTQKSLLKIESYLNLLILVKKKLEI VATYPITILLIFLVVIMLGLKN	142
NTDB id 386 SMU RS09030 WP 255262721.1	RQGLLNLGLHLAEITMSSLGFSDDDVVTQLALSEVHGNTQKSLLKIESYLNLLILVKKKLEI VATYPITILLIFLVVIMLGLKN	142
NTDB id 430 SGO RS09415 WP 012130941.1	RQGLANGQAFSEIMASLGFSDAVVTQLSLAEHGNLSLALKKIEEYLDNLAKVKKKLEI VATYPMMLLGLFLVIMIGLRN	143
NTDB id 271 KZH43 RS09260 WP 074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLIMLGLRN	137
NTDB id 230 SPD RS09890 WP 074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLIMLGLRN	137
NTDB id 196 SPR RS09425 WP 074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLIMLGLRN	137
NTDB id 161 SP RS10375 WP 074196785.1	RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLIMLGLRN	137
NTDB id 529 SMSK321 RS09235 WP 080550783.1	RTDLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLSIMLGLRN	137
NTDB id 501 SM1261 RS00950 WP 004238896.1	RAGLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNNLHLSLGKIEEYLDNLAKVKKKLEI VATYPLILLGFLLIMLGLRN	137
consensus	* * * * *	

NTDB id	587 KW2 RS10850 WP 042211510.1	YLLPQLDKGNFATRLINHLPLVFFSVGALIVLTSLSIIIFKHISALTNFIFLVKVLVSSFIRLYLTAAYFSREWGNI	219
NTDB id	1127331 FGK96 RS00635 WP 269472105.1	YLMPPQIEKK.SLTLYFNFPVPVYLSLSIILITVTIALVIRWRKLKGMMKQIIQYSRIPLLASFCLKLYMTAFYAREWGNLI	239
NTDB id	395 FSA28 RS09400 WP 257638827.1	YLLPQLEKGFATRLTISNFPILFLGCCFFILLVGIFTFFFSRKISRHLHIGFCSHLPFGVKYLQLYLTAYYAREWGNLI	221
NTDB id	386 SMU RS09030 WP 255262721.1	YLLPQLERGNFATRLTISNFPILFLGCCFFILLVGIFTFFFSRKISRHLHIGFCSHLPFAGKYQLYLTAYYAREWGNLI	221
NTDB id	430 SGO RS09415 WP 012130941.1	YLLPQLSSQNFAQTGLGHLPITFILTLVLM.LGLTGAIYLVFKGGKRIPVSFELARLPFVGSFVRILTAYYAREWGNMI	222
NTDB id	271 KZH43 RS09260 WP 074196785.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGLVSLALLALTIFYKRSKMMSVFSSILARLPFIGIFVQTYLTAYYAREWGNMI	216
NTDB id	230 SPD RS09890 WP 074196785.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGLVSLALLALTIFYKRSKMMSVFSSILARLPFIGIFVQTYLTAYYAREWGNMI	216
NTDB id	196 SPR RS09425 WP 074196785.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGLVSLALLALTIFYKRSKMMSVFSSILARLPFIGIFVQTYLTAYYAREWGNMI	216
NTDB id	161 SP RS10375 WP 074196785.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGLVSLALLALTIFYKRSKMMSVFSSILARLPFIGIFVQTYLTAYYAREWGNMI	216
NTDB id	529 SMSK321 RS09235 WP 080550783.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGLVSLTLLALTIFYKRSKMRFVSILARPFLGIFVQTYLTAYYAREWGNMI	216
NTDB id	501 SM12261 RS00950 WP 004238896.1	YLLPQLDSS.NIATQIIGNLPQIFLGVMGVFVSGVLLALTIFYKRGSKMRFVSILARPFLGIFVQTYLTAYYAREWGNMI	216
consensus		!!*!*!***** **!!*****!!*****!!!!*****!!*****!!!!!!!!!!!!!!!!!!!!!!!*	

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NTDB id 271 KZH43 RS09260 WP 074196785.1
NTDB id 230 SPD RS09890 WP 074196785.1
NTDB id 196 SPR RS09425 WP 074196785.1
NTDB id 161 SP RS10375 WP 074196785.1
NTDB id 529 SMSK321 RS09235 WP 080550783.1
NTDB id 501 SM12261 RS00950 WP 004238896.1
consensus



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consensus



☒ non conserved
☒ similar
☒ ≥ 50% conserved