

NTDB id 587 KW2 RS10850 WP 042211510.1	MQTDILRLLRPKGKKLALIKQAKLIQLMGNLNNNGFNLGEVINFLALSKLVEKEFVFKMHQGLSSGKSLSEILESLSFSKN	81
NTDB id 386 SMU RS09030 WP 255262721.1	.MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGLNLGLHLAEIMSSLGFSDD	84
NTDB id 395 FSA28 RS09400 WP 257638827.1	.MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGLNLGLHLAEIMSSLGFSDD	84
NTDB id 271 KZH43 RS09260 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMMESELCSSA	79
NTDB id 230 SPD RS09890 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMMESELCSSA	79
NTDB id 196 SPR RS09425 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMMESELCSSA	79
NTDB id 161 SP RS10375 WP 074196785.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMMESELCSSA	79
NTDB id 529 SMSK321 RS09235 WP 080550783.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRTDLSQGKSFSEMMESELCFSSA	79
NTDB id 501 SM12261 RS00950 WP 004238896.1	MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRAGLSQGKSFSEMMESELCFSSA	79
NTDB id 39312 SCR2 RS08590 WP 037592679.1	MQQDISLSLRQKRKKLSIVRQKKVVELLNNLFSSGFHLAEMIDFLKRSALLEKTYVEKMKEGLATGKPFSEIMASLGFSDS	81
NTDB id 430 SGO RS09415 WP 012130941.1	MISFLQQDISILSKKQKKLGTSKQKQVIELFNNLFSSGFHLAETVDFLGRSALLEKNYVQMRQGLANGQAFSEIMASLGFSDA	85
consensus	* * * * *	

NTDB id 587 KW2 RS10850 WP 042211510.1	VVTQLALVEVHGNLVGTMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGMNFATLLINHLPVFFSV	166
NTDB id 386 SMU RS09030 WP 255262721.1	VVTQLALSEVHGNLTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLERGNFATRLISNFPILFLG	168
NTDB id 395 FSA28 RS09400 WP 257638827.1	VVTQLALSEVHGNLTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLERGNFATRLISNFPILFLG	168
NTDB id 271 KZH43 RS09260 WP 074196785.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 230 SPD RS09890 WP 074196785.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 196 SPR RS09425 WP 074196785.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 161 SP RS10375 WP 074196785.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 529 SMSK321 RS09235 WP 080550783.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLSIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 501 SM12261 RS00950 WP 004238896.1	IVTQLSLAEVHGNLHLSLKGKIEEYLDNLAKVKKKLEIATYPLILLGFLLLIMLGLRNYLLPQLDSSNIATQIIGNLPQIFLGM	163
NTDB id 39312 SCR2 RS08590 WP 037592679.1	VVTQLSLAELHGNLSLSLNKIEEYLENVSTVKKKLEIATYPIILLIFLVVIMLGLRNYLLPQLERQNSATQLISQLPQIFLGS	165
NTDB id 430 SGO RS09415 WP 012130941.1	VVTQLSLAELHGNLSLALLKIEEYLDNLAKVKKKLEIATYPIIMLLGFLVLMILGLRNYLLPQLSSQNFATQLICHLPITFLT	169
consensus	VVTQLALVEVHGNLVGTMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGMNFATLLINHLPVFFSV	

NTDB	id	587	KW2	RS10850	WP	042211510.1	GALIVLLTSLSIIFKHISALTNFTFLVKVPLVSSFIRLYLTAYFSREWGNLIAQGVELRQIIELMKKQKSRIFAEGVGIKLDLGL	251
NTDB	id	386	SMU	RS09030	WP	255262721.1	CCFFILLVGIFTFFSRKISRLHLIGFCSHLPFAGKYLLQYLTAAYAREWGNLIGQGVEMAIQIVRLMQDQKSQLFREICGYDMEKAL	253
NTDB	id	395	FSA28	RS09400	WP	257638827.1	CCFFILLVGIFTFFSRKISRLHLIGFCSHLPFVGKYLQYLTAAYAREWGNLIGQGVEMAIQIVRLMQDQKSQLFREICGYDMEKAL	253
NTDB	id	271	KZH43	RS09260	WP	074196785.1	VGLVSVLALLALTfYKRSSKMSVFSILARLPFIGIFVQTYLTAYAREWGNMISQGMELTQIFQMMQEQQSGLFKEVGQDLAQTL	248
NTDB	id	230	SPD	RS09890	WP	074196785.1	VGLVSVLALLALTfYKRSSKMSVFSILARLPFIGIFVQTYLTAYAREWGNMISQGMELTQIFQMMQEQQSGLFKEVGQDLAQTL	248
NTDB	id	196	SPR	RS09425	WP	074196785.1	VGLVSVLALLALTfYKRSSKMSVFSILARLPFIGIFVQTYLTAYAREWGNMISQGMELTQIFQMMQEQQSGLFKEVGQDLAQTL	248
NTDB	id	161	SP	RS10375	WP	074196785.1	VGLVSVLALLALTfYKRSSKMSVFSILARLPFIGIFVQTYLTAYAREWGNMISQGMELTQIFQMMQEQQSGLFKEVGQDLAQTL	248
NTDB	id	529	SMSK321	RS09235	WP	080550783.1	VGLVSLLTLLALTfYKRSSKMRVFSILARIPFLGIFVQTYLTAYAREWGNMISQGMELTQIFQIMQEQQSGLFKEIGQDLAQSL	248
NTDB	id	501	SM12261	RS00950	WP	004238896.1	VGFVSVGVLLALTfYKRGSKMRVFSILARIPFLGIFVQTYLTAYAREWGNMISQGMELTQIFQIMQEQQSGLFKEIGQDMAHAL	248
NTDB	id	39312	SCR2	RS08590	WP	037592679.1	LGVVLLVLLAIGFYWFRKSSKIVVFSFLARLPFGGTFTIQAAYLTAYAREWGNMIGQGLELSQIFQMMQGGQRSAMFQEQIGKDLEVAL	250
NTDB	id	430	SGO	RS09415	WP	012130941.1	VLMLLGLTGAITLVFKGQKRIPVYSFLARLPFVGSFVRIYLTAYAREWGNMIGQGLELSQIFQIMQEQRSVLFLQEQIGDLCQAL	254
consensus							***** *****	

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NTDB id 196 SPR RS09425 WP 074196785.1
NTDB id 161 SP RS10375 WP 074196785.1
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consensus



- X non conserved
- X similar
- X $\geq 50\%$ conserved